



PORT AUTHORITY OF ALLEGHENY COUNTY

CONTRACT DRAWINGS

BUS RAPID TRANSIT (BRT) UPTOWN TO OAKLAND

CONSTRUCTION CONTRACT NO. BRT-001

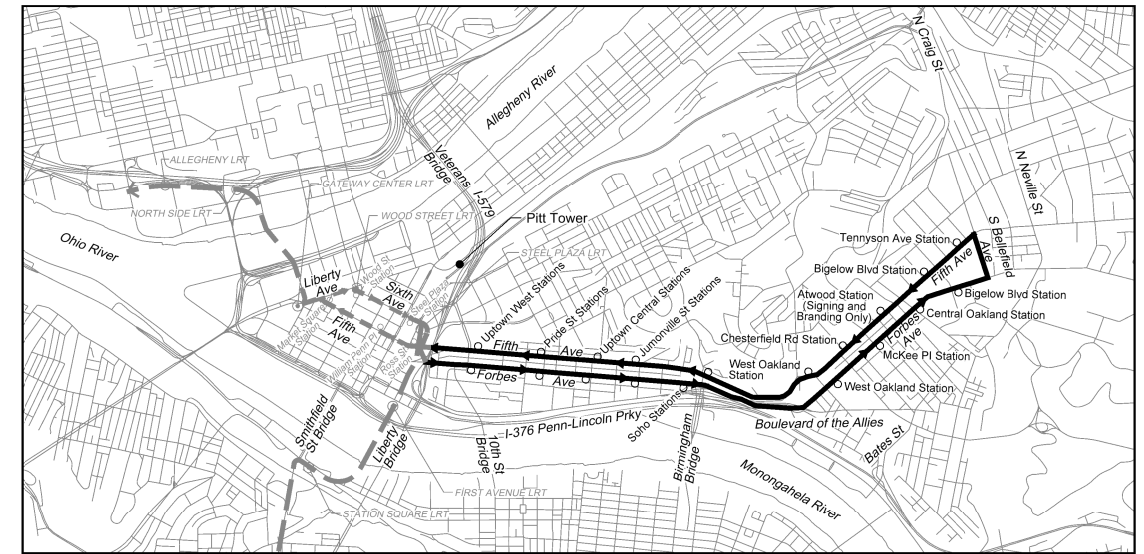
FTA GRANT NO.: PA-2023-002-00

PROJECT NO.: CCA-G-22-23-PAAC-00702
 CCA-21-22-PAAC-00764
 CCA-20-21-PAAC-00715
 CAA-19-20-PAAC-00538

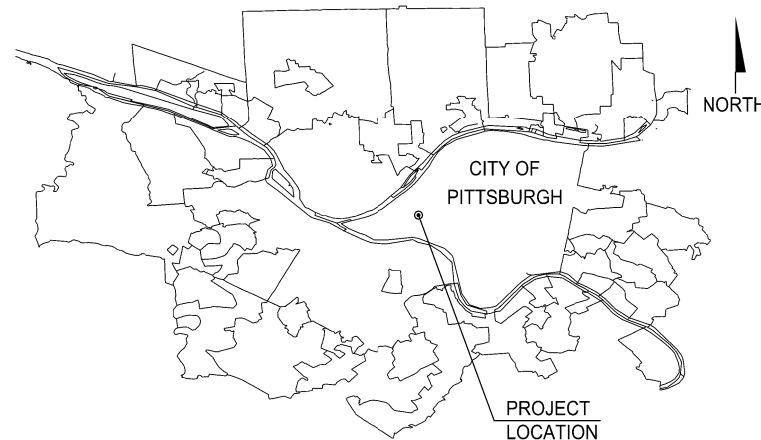
ISSUE DATE: MAY 1, 2024

VOLUME 2 OF 3

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| UTILITY PLANS | ARCHITECTURAL PLANS | CONTROL SYSTEM PLANS |
| PWSA RE-LOCATION PLANS | STRUCTURAL PLANS | MAINTENANCE & PROTECTION OF TRAFFIC PLANS |
| LANDSCAPING PLANS | | |



LOCATION MAP
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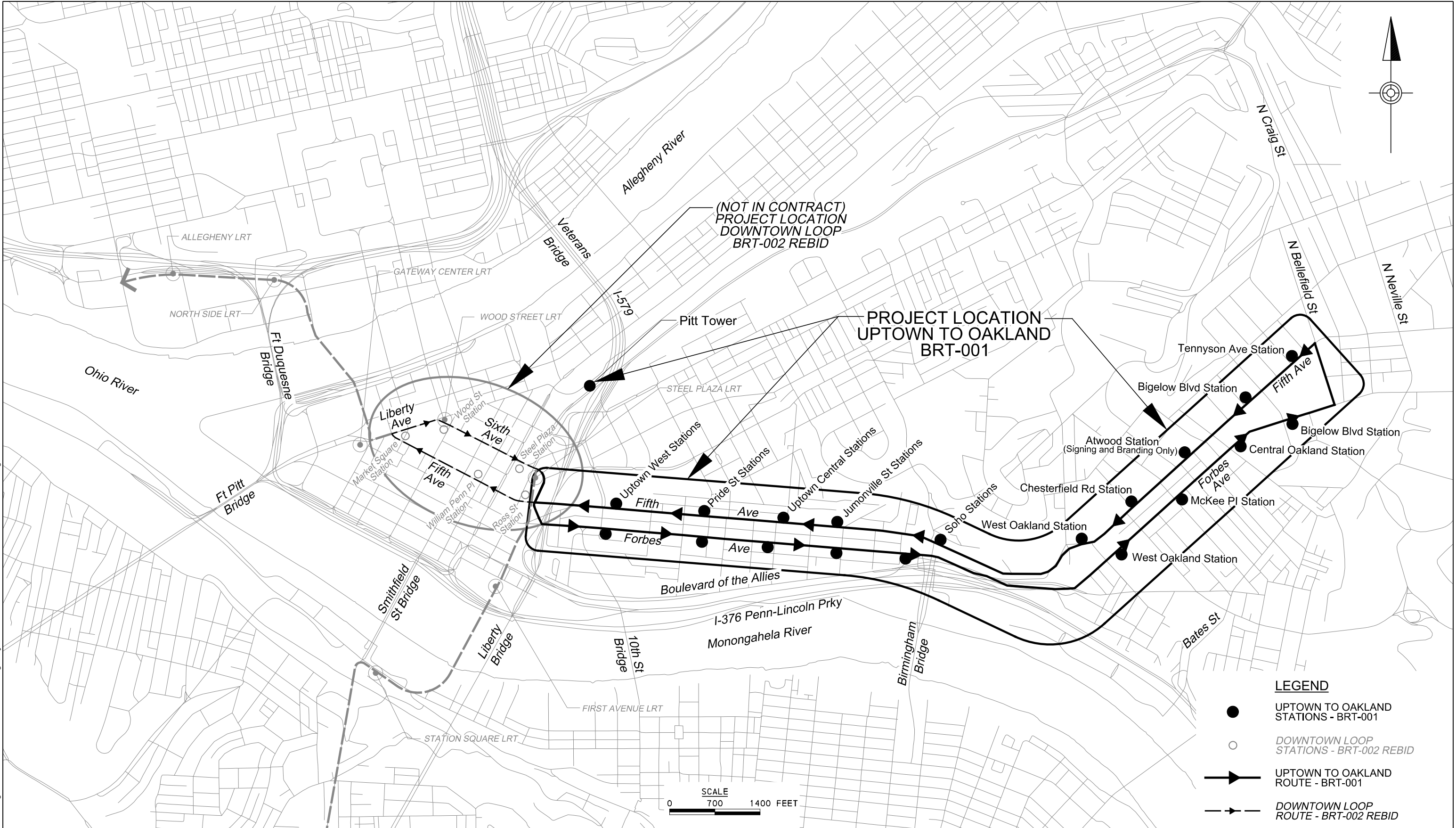
THE PREPARATION OF THESE DRAWINGS HAS BEEN FINANCED, IN PART, THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED.

(NOT FOR
CONSTRUCTION)

PREPARED BY:
AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

AECOM	
Project Manager _____	Date _____
REGISTERED PROFESSIONAL ENGINEER, PENNSYLVANIA	
PORT AUTHORITY OF ALLEGHENY COUNTY	
Approved _____	Date _____
CHIEF ENGINEER - ENGINEERING AND TECHNICAL SUPPORT	

CITY OF PITTSBURGH	
APPROVAL	DATE
ASSISTANT DIRECTOR OF PLANNING, POLICY AND PERMITTING _____	_____
MUNICIPAL TRAFFIC ENGINEER _____	_____
CHIEF ENGINEER _____	_____
DIRECTOR _____	_____



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NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	JMS
DRAWN	JMS
CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTRACT LOCATION MAP	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. GN2	SHT. 2

INDEX OF DRAWINGS

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DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>TYPICAL SECTIONS (CONT'D)</u>			<u>SPECIAL DETAILS (CONT'D)</u>			<u>DRAINAGE PROFILES (CONT'D)</u>			<u>INTERSECTION DETAILS (CONT'D)</u>		
CV40	115	TYPICAL SECTIONS FORBES AVE	CV69	144	SPECIAL DETAILS PWSA - LARGE DIAMETER SEWER CONNECTION	CV96	171	DRAINAGE PROFILES DRAINAGE STRUCTURES G05	ID24	200	INTERSECTION DATA FIFTH AVE & JUMONVILLE ST/WYANDOTTE ST
CV41	116	TYPICAL SECTIONS FORBES AVE				CV97	172	DRAINAGE PROFILES DRAINAGE STRUCTURES G05 - G06	ID25	201	INTERSECTION DETAILS FIFTH AVE & SENECA ST
CV42	117	TYPICAL SECTIONS FORBES AVE			<u>DRAINAGE DATA SHEETS</u>	CV98	173	DRAINAGE PROFILES DRAINAGE STRUCTURES G06 - G07	ID26	202	INTERSECTION DATA FIFTH AVE & SENECA ST
CV43	118	TYPICAL SECTIONS FORBES AVE	CV70	145	DRAINAGE DATA DRAINAGE STRUCTURES A14 - A16	CV99	174	DRAINAGE PROFILES DRAINAGE STRUCTURES G07 - G09	ID27	203	INTERSECTION DETAILS FIFTH AVE & MOULTRIE ST
CV44	119	TYPICAL SECTIONS FORBES AVE	CV71	146	DRAINAGE DATA DRAINAGE STRUCTURES A16 - A18	CV100	175	DRAINAGE PROFILES DRAINAGE STRUCTURES G09 - G11	ID28	204	INTERSECTION DATA FIFTH AVE & MOULTRIE ST
CV45	120	TYPICAL SECTIONS FORBES AVE	CV72	147	DRAINAGE DATA DRAINAGE STRUCTURES A19- A20	CV101	176	DRAINAGE PROFILES DRAINAGE STRUCTURES G11- G12	ID29	205	INTERSECTION DETAILS FIFTH AVE & KIRKPATRICK ST/BIRMINGHAM BR
CV46	121	TYPICAL SECTIONS MARION ST AND JUMONVILLE ST	CV73	148	DRAINAGE DATA DRAINAGE STRUCTURES A21 - A22			<u>INTERSECTION DETAILS</u>	ID30	206	INTERSECTION DATA FIFTH AVE & KIRKPATRICK ST/BIRMINGHAM BR
		<u>SPECIAL DETAILS</u>	CV74	149	DRAINAGE DATA DRAINAGE STRUCTURES A23 - A25	ID1	177	INTERSECTION DETAILS FIFTH AVE & DIAMOND ST	ID31	207	INTERSECTION DATA FIFTH AVE & KIRKPATRICK ST/BIRMINGHAM BR
CV47	122	SPECIAL DETAILS DRIVEWAY APRON & CONCRETE BUFFER	CV75	150	DRAINAGE DATA DRAINAGE STRUCTURES A25 - A28	ID2	178	INTERSECTION DATA FIFTH AVE & DIAMOND ST	ID32	208	INTERSECTION DETAILS FIFTH AVE & BLVD OF THE ALLIES RAMP
CV48	123	SPECIAL DETAILS CONCRETE AND GRANITE CURB	CV76	151	DRAINAGE DATA DRAINAGE STRUCTURES A29 - A35	ID3	179	INTERSECTION DETAILS FIFTH AVE & CHATHAM SQ/WASHINGTON PL	ID33	209	INTERSECTION DATA FIFTH AVE & BLVD OF THE ALLIES RAMP
CV49	124	SPECIAL DETAILS REINFORCED CONCRETE SIDEWALK AND JOINTS	CV77	152	DRAINAGE DATA DRAINAGE STRUCTURES A36 - A38	ID4	180	INTERSECTION DATA FIFTH AVE & CHATHAM SQ/WASHINGTON PL	ID34	210	INTERSECTION DETAILS FIFTH AVE & CRAFT AVE
CV50	125	SPECIAL DETAILS ISLAND REMOVAL / PAVEMENT PATCHING	CV78	153	DRAINAGE DATA DRAINAGE STRUCTURES G01 - G06	ID5	181	INTERSECTION DETAILS FIFTH AVE & MAGEE ST	ID35	211	INTERSECTION DATA FIFTH AVE & CRAFT AVE
CV51	126	SPECIAL DETAILS SIDEWALK CUT THROUGH	CV79	154	DRAINAGE DATA DRAINAGE STRUCTURES G06 - G11	ID6	182	INTERSECTION DATA FIFTH AVE & MAGEE ST	ID36	212	INTERSECTION DETAILS FIFTH AVE & HALKET ST/CHESTERFIELD RD
CV52	127	SPECIAL DETAILS DIRECTIONAL INDICATOR	CV80	155	DRAINAGE DATA DRAINAGE STRUCTURES G11 - G21	ID7	183	INTERSECTION DETAILS FIFTH AVE & LOGAN ST	ID37	213	INTERSECTION DATA FIFTH AVE & HALKET ST/CHESTERFIELD RD
CV53	128	SPECIAL DETAILS SURVEY MONUMENT & BRICK SURFACING	CV81	156	DRAINAGE DATA TRENCH DRAIN DATA TABLE	ID8	184	INTERSECTION DATA FIFTH AVE & LOGAN ST	ID38	214	INTERSECTION DETAILS FIFTH AVE & MCKEE PL/DARRAGH ST
CV54	129	SPECIAL DETAILS SUBGRADE UNDERCUT / TRENCH RESTORATION			<u>DRAINAGE PROFILES</u>	ID9	185	INTERSECTION DETAILS FIFTH AVE & STEVENSON ST	ID39	215	INTERSECTION DATA FIFTH AVE & MCKEE PL/DARRAGH ST
CV55	130	SPECIAL DETAILS REMOVABLE CURB	CV82	157	DRAINAGE PROFILES DRAINAGE STRUCTURES A14 - A15	ID10	186	INTERSECTION DATA FIFTH AVE & STEVENSON ST	ID40	216	INTERSECTION DETAILS FIFTH AVE & LOTHROP ST/MEYRAN AVE
CV56	131	SPECIAL DETAILS PWSA - MANHOLE FRAME CASTINGS	CV83	158	DRAINAGE PROFILES DRAINAGE STRUCTURES A15 - A16	ID11	187	INTERSECTION DETAILS FIFTH AVE & PRIDE ST	ID41	217	INTERSECTION DATA FIFTH AVE & LOTHROP ST/MEYRAN AVE
CV57	132	SPECIAL DETAILS PWSA - MANHOLE FRAME & COVER CASTINGS	CV84	159	DRAINAGE PROFILES DRAINAGE STRUCTURES A16 - A17	ID12	188	INTERSECTION DATA FIFTH AVE & PRIDE ST	ID42	218	INTERSECTION DETAILS FIFTH AVE & ATWOOD ST
CV58	133	SPECIAL DETAILS PWSA - TRENCH IN SIDEWALK & TRENCH REPAVING	CV85	160	DRAINAGE PROFILES DRAINAGE STRUCTURES A17 - A19	ID13	189	INTERSECTION DETAILS FIFTH AVE & MARION ST/VINE ST	ID43	219	INTERSECTION DATA FIFTH AVE & ATWOOD ST
CV59	134	SPECIAL DETAILS PWSA - PIPE REINFORCEMENT & CIP MH INVERT	CV86	161	DRAINAGE PROFILES DRAINAGE STRUCTURES A19 - A20	ID14	190	INTERSECTION DATA FIFTH AVE & MARION ST/VINE ST	ID44	220	INTERSECTION DETAILS FIFTH AVE & OAKLAND AVE/DE SOTO ST
CV60	135	SPECIAL DETAILS PWSA - MANHOLES	CV87	162	DRAINAGE PROFILES DRAINAGE STRUCTURES A20 - A23	ID15	191	INTERSECTION DETAILS FIFTH AVE & VAN BRAAM ST	ID45	221	INTERSECTION DATA FIFTH AVE & OAKLAND AVE/DE SOTO ST
CV61	136	SPECIAL DETAILS PWSA - MANHOLE STEPS / INLET FRAME & GRATE	CV88	163	DRAINAGE PROFILES DRAINAGE STRUCTURES A20	ID16	192	INTERSECTION DATA FIFTH AVE & VAN BRAAM ST	ID46	222	INTERSECTION DETAILS FIFTH AVE & BOUQUET ST
CV62	137	SPECIAL DETAILS PWSA - CATCH BASIN TYPE 13	CV89	164	DRAINAGE PROFILES DRAINAGE STRUCTURES A24 - A25	ID17	193	INTERSECTION DETAILS FIFTH AVE & MILTENBERGER ST	ID47	223	INTERSECTION DATA FIFTH AVE & BOUQUET ST
CV63	138	SPECIAL DETAILS PWSA - CATCH BASINS TYPE 13 MODIFIED	CV90	165	DRAINAGE PROFILES DRAINAGE STRUCTURES A25 - A26	ID18	194	INTERSECTION DATA FIFTH AVE & MILTENBERGER ST	ID48	224	INTERSECTION DETAILS FIFTH AVE & THACKERY AVE
CV64	139	SPECIAL DETAILS TRENCH DRAIN	CV91	166	DRAINAGE PROFILES DRAINAGE STRUCTURES A27 - A28	ID19	195	INTERSECTION DETAILS FIFTH AVE & DINNWIDDIE ST	ID49	225	INTERSECTION DATA FIFTH AVE & THACKERY AVE
CV65	140	SPECIAL DETAILS THROUGH CURB RAIN LEADER	CV92	167	DRAINAGE PROFILES DRAINAGE STRUCTURES A29 - A34	ID20	196	INTERSECTION DATA FIFTH AVE & DINNWIDDIE ST	ID50	226	INTERSECTION DETAILS FIFTH AVE & BIGELOW BLVD
CV66	141	SPECIAL DETAILS PWSA - WYE CONNECTIONS	CV93	168	DRAINAGE PROFILES DRAINAGE STRUCTURES A36 - A38	ID21	197	INTERSECTION DETAILS FIFTH AVE & GIST ST	ID51	227	INTERSECTION DATA FIFTH AVE & BIGELOW BLVD
CV67	142	SPECIAL DETAILS RECESSED CATCH BASIN CONVERSION	CV94	169	DRAINAGE PROFILES DRAINAGE STRUCTURES G01 - G02	ID22	198	INTERSECTION DATA FIFTH AVE & GIST ST	ID52	228	INTERSECTION DETAILS FIFTH AVE & LYTTON AVE
CV68	143	SPECIAL DETAILS PIPE FIELD COLLAR & PWSA - CONCRETE PLUG	CV95	170	DRAINAGE PROFILES DRAINAGE STRUCTURES G04 - G05	ID23	199	INTERSECTION DETAILS FIFTH AVE & JUMONVILLE ST/WYANDOTTE ST	ID53	229	INTERSECTION DATA FIFTH AVE & LYTTON AVE
									ID54	230	INTERSECTION DETAILS FIFTH AVE & TENNYSON AVE



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 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 INDEX OF DRAWINGS

CONTRACT NO. BRT-001
 DWG. NO. GN4 SHT. 4

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OPERATOR: "Joseph.s.jitoh"
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<u>INTERSECTION DETAILS (CONT'D)</u>			<u>INTERSECTION DETAILS (CONT'D)</u>			<u>CIVIL LAYOUT PLANS (CONT'D)</u>			<u>REMOVAL & ADJUSTMENTS PLANS (CONT'D)</u>		
ID55	231	INTERSECTION DATA FIFTH AVE & TENNYSON AVE	ID86	262	INTERSECTION DETAILS FORBES AVE & HALKET ST	CL24	291	CIVIL LAYOUT PLANS FIFTH AVE - STA 555+50 TO STA 561+50	RA11	320	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 443+50 TO STA 448+50
ID56	232	INTERSECTION DETAILS FIFTH AVE & RUSKIN AVE	ID87	263	INTERSECTION DATA FORBES AVE & HALKET ST	CL25	292	CIVIL LAYOUT PLANS FIFTH AVE - STA 561+50 TO STA 566+50	RA12	321	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 448+50 TO STA 454+50
ID57	233	INTERSECTION DATA FIFTH AVE & RUSKIN AVE	ID88	264	INTERSECTION DETAILS FORBES AVE & BIGELOW BLVD	CL26	293	CIVIL LAYOUT PLANS FORBES AVE - STA 122+00 TO STA 128+00	RA13	322	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 454+50 TO STA 458+50
ID58	234	INTERSECTION DETAILS FIFTH AVE & BELLEFIELD AVE	ID89	265	INTERSECTION DATA FORBES AVE & BIGELOW BLVD	CL27	294	CIVIL LAYOUT PLANS FORBES AVE - STA 128+00 TO STA 133+50	RA14	323	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 458+50 TO STA 464+50
ID59	235	INTERSECTION DATA FIFTH AVE & BELLEFIELD AVE	ID90	266	INTERSECTION DETAILS FORBES AVE & SCHENLEY DR EXT	CL28	295	CIVIL LAYOUT PLANS FORBES AVE - STA 138+50 TO STA 143+50	RA15	324	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 464+50 TO STA 470+50
ID60	236	INTERSECTION DETAILS FORBES AVE & BOYD ST	ID91	267	INTERSECTION DETAILS FORBES AVE & SCHENLEY DR EXT	CL29	296	CIVIL LAYOUT PLANS FORBES AVE - STA 143+50 TO STA 149+50	RA16	325	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 470+50 TO STA 475+50
ID61	237	INTERSECTION DATA FORBES AVE & BOYD ST	<u>CIVIL LAYOUT PLANS</u>			CL30	297	CIVIL LAYOUT PLANS FORBES AVE - STA 149+50 TO STA 154+50	RA17	326	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 475+50 TO STA 480+50
ID62	238	INTERSECTION DETAILS FORBES AVE & ARMSTRONG TUNNEL	CL1	268	CIVIL LAYOUT PLANS FIFTH AVE - STA 433+50 TO STA 438+50	CL31	298	CIVIL LAYOUT PLANS FORBES AVE - STA 154+50 TO STA 159+50	RA18	327	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 480+50 TO STA 485+50
ID63	239	INTERSECTION DATA FORBES AVE & ARMSTRONG TUNNEL	CL2	269	CIVIL LAYOUT PLANS FIFTH AVE - STA 438+50 TO STA 443+50	CL32	299	CIVIL LAYOUT PLANS FORBES AVE - STA 159+50 TO STA 164+50	RA19	328	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 485+50 TO STA 490+50
ID64	240	INTERSECTION DETAILS FORBES AVE & CHATHAM SQ	CL3	270	CIVIL LAYOUT PLANS FIFTH AVE - STA 443+50 TO STA 448+50	CL33	300	CIVIL LAYOUT PLANS FORBES AVE - STA 164+50 TO STA 169+50	RA20	329	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 490+50 TO STA 496+50
ID65	241	INTERSECTION DATA FORBES AVE & CHATHAM SQ	CL4	271	CIVIL LAYOUT PLANS FIFTH AVE - STA 448+50 TO STA 454+50	CL34	301	CIVIL LAYOUT PLANS FORBES AVE - STA 169+50 TO STA 173+50	RA21	330	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 496+50 TO STA 502+50
ID66	242	INTERSECTION DETAILS FORBES AVE & STEVENSON ST	CL5	272	CIVIL LAYOUT PLANS FIFTH AVE - STA 454+50 TO STA 458+50	CL35	302	CIVIL LAYOUT PLANS FORBES AVE - STA 173+50 TO STA 177+50	RA22	331	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 502+50 TO STA 507+50
ID67	243	INTERSECTION DATA FORBES AVE & STEVENSON ST	CL6	273	CIVIL LAYOUT PLANS FIFTH AVE - STA 458+50 TO STA 464+50	CL36	303	CIVIL LAYOUT PLANS FORBES AVE - STA 177+50 TO STA 182+50	RA23	332	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 507+50 TO STA 513+50
ID68	244	INTERSECTION DETAILS FORBES AVE & PRIDE ST	CL7	274	CIVIL LAYOUT PLANS FIFTH AVE - STA 464+50 TO STA 470+50	CL37	304	CIVIL LAYOUT PLANS FORBES AVE - STA 207+50 TO STA 213+50	RA24	333	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 513+50 TO STA 517+50
ID69	245	INTERSECTION DATA FORBES AVE & PRIDE ST	CL8	275	CIVIL LAYOUT PLANS FIFTH AVE - STA 470+50 TO STA 475+50	CL38	305	CIVIL LAYOUT PLANS FORBES AVE - STA 213+50 TO STA 217+50	RA25	334	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 517+50 TO STA 522+50
ID70	246	INTERSECTION DETAILS FORBES AVE & MARION ST	CL9	276	CIVIL LAYOUT PLANS FIFTH AVE - STA 475+50 TO STA 480+50	CL39	306	CIVIL LAYOUT PLANS FORBES AVE - STA 221+50 TO STA 227+00	RA26	335	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 522+50 TO STA 528+50
ID71	247	INTERSECTION DATA FORBES AVE & MARION ST	CL10	277	CIVIL LAYOUT PLANS FIFTH AVE - STA 480+50 TO STA 485+50	CL40	307	CIVIL LAYOUT PLANS FORBES AVE - STA 232+00 TO STA 237+50	RA27	336	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 528+50 TO STA 534+50
ID72	248	INTERSECTION DETAILS FORBES AVE & VAN BRAAM ST	CL11	278	CIVIL LAYOUT PLANS FIFTH AVE - STA 485+50 TO STA 490+50	CL41	308	CIVIL LAYOUT PLANS FORBES AVE - STA 242+50 TO STA 247+50	RA28	337	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 534+50 TO STA 540+50
ID73	249	INTERSECTION DATA FORBES AVE & VAN BRAAM ST	CL12	279	CIVIL LAYOUT PLANS FIFTH AVE - STA 490+50 TO STA 496+50	CL42	309	CIVIL LAYOUT PLANS FORBES AVE - STA 247+50 TO STA 251+50	RA29	338	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 540+50 TO STA 545+50
ID74	250	INTERSECTION DETAILS FORBES AVE & MILTENBERGER ST	CL13	280	CIVIL LAYOUT PLANS FIFTH AVE - STA 496+50 TO STA 502+50	<u>REMOVAL & ADJUSTMENTS PLANS</u>			RA30	339	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 545+50 TO STA 551+50
ID75	251	INTERSECTION DATA FORBES AVE & MILTENBERGER ST	CL14	281	CIVIL LAYOUT PLANS FIFTH AVE - STA 502+50 TO STA 507+50	RA1	310	REMOVAL & ADJUSTMENTS PLANS LEGEND	RA31	340	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 551+50 TO STA 555+50
ID76	252	INTERSECTION DETAILS FORBES AVE & GIST ST	CL15	282	CIVIL LAYOUT PLANS FIFTH AVE - STA 507+50 TO STA 513+50	RA2	311	REMOVAL & ADJUSTMENTS PLANS TABULATIONS	RA32	341	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 555+50 TO STA 561+50
ID77	253	INTERSECTION DATA FORBES AVE & GIST ST	CL16	283	CIVIL LAYOUT PLANS FIFTH AVE - STA 513+50 TO STA 517+50	RA3	312	REMOVAL & ADJUSTMENTS PLANS TABULATIONS	RA33	342	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 561+50 TO STA 566+50
ID78	254	INTERSECTION DETAILS FORBES AVE & JUMONVILLE ST	CL17	284	CIVIL LAYOUT PLANS FIFTH AVE - STA 517+50 TO STA 522+50	RA4	313	REMOVAL & ADJUSTMENTS PLANS TABULATIONS	RA34	343	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 122+00 TO STA 128+00
ID79	255	INTERSECTION DATA FORBES AVE & JUMONVILLE ST	CL18	285	CIVIL LAYOUT PLANS FIFTH AVE - STA 522+50 TO STA 528+50	RA5	314	REMOVAL & ADJUSTMENTS PLANS TABULATIONS	RA35	344	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 128+00 TO STA 133+50
ID80	256	INTERSECTION DETAILS FORBES AVE & SENECA ST	CL19	286	CIVIL LAYOUT PLANS FIFTH AVE - STA 528+50 TO STA 534+50	RA6	315	REMOVAL & ADJUSTMENTS PLANS TABULATIONS	RA36	345	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 138+50 TO STA 143+50
ID81	257	INTERSECTION DATA FORBES AVE & SENECA ST	CL20	287	CIVIL LAYOUT PLANS FIFTH AVE - STA 534+50 TO STA 540+50	RA7	316	REMOVAL & ADJUSTMENTS PLANS TABULATIONS	RA37	346	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 143+50 TO STA 149+50
ID82	258	INTERSECTION DETAILS FORBES AVE & MOULTRIE ST	CL21	288	CIVIL LAYOUT PLANS FIFTH AVE - STA 540+50 TO STA 545+50	RA8	317	REMOVAL & ADJUSTMENTS PLANS TABULATIONS	RA38	347	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 149+50 TO STA 154+50
ID83	259	INTERSECTION DATA FORBES AVE & MOULTRIE ST	CL22	289	CIVIL LAYOUT PLANS FIFTH AVE - STA 545+50 TO STA 551+50	RA9	318	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 433+50 TO STA 438+50	RA39	348	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 154+50 TO STA 159+50
ID84	260	INTERSECTION DETAILS FORBES AVE & BIRMINGHAM BR	CL23	290	CIVIL LAYOUT PLANS FIFTH AVE - STA 551+50 TO STA 555+50	RA10	319	REMOVAL & ADJUSTMENTS PLANS FIFTH AVE - STA 438+50 TO STA 443+50	RA40	349	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 159+50 TO STA 164+50
ID85	261	INTERSECTION DATA FORBES AVE & BIRMINGHAM BR									



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CONTRACT NO. BRT-001

DWG. NO. GN5 SHT. 5

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INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
REMOVAL & ADJUSTMENTS PLANS (CONT'D)			ROADWAY PLANS (CONT'D)			ROADWAY PROFILES (CONT'D)			ROADWAY PROFILES (CONT'D)		
RA42	351	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 169+50 TO STA 173+50	PP24	380	FIFTH AVE - STA 555+50 TO STA 561+50	PP53	409	FIFTH AVE - STA 464+50 TO STA 470+50	PP84	440	ROADWAY PROFILE VAN BRAAM ST AND MILTENBERGER ST
RA43	352	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 173+50 TO STA 177+50	PP25	381	FIFTH AVE - STA 561+50 TO STA 566+50	PP54	410	FIFTH AVE - STA 470+50 TO STA 475+50	PP85	441	ROADWAY PROFILE GIST ST AND JUMONVILLE ST
RA44	353	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 207+50 TO STA 213+50	PP26	382	FORBES AVE - STA 117+00 TO STA 122+00	PP55	411	FIFTH AVE - STA 475+50 TO STA 480+50	PP86	442	ROADWAY PROFILE SENECA ST AND MOULTRIE ST
RA45	354	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 213+50 TO STA 217+50	PP27	383	FORBES AVE - STA 122+00 TO STA 128+00	PP56	412	FIFTH AVE - STA 480+50 TO STA 485+50	KIRKPATRICK ST PARKING LOT		
RA46	355	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 221+50 TO STA 227+00	PP28	384	FORBES AVE - STA 128+00 TO STA 133+50	PP57	413	FIFTH AVE - STA 485+50 TO STA 490+50			
RA47	356	REMOVAL & ADJUSTMENTS PLANS FORBES AVE - STA 242+50 TO STA 247+50	PP29	385	FORBES AVE - STA 133+50 TO STA 138+50	PP58	414	FIFTH AVE - STA 490+50 TO STA 496+50	KP1	443	KIRKPATRICK ST STORMWATER MANAGEMENT PLAN
ROADWAY PLANS			PP30	386	FORBES AVE - STA 138+50 TO STA 143+50	PP59	415	FIFTH AVE - STA 496+50 TO STA 502+50	KP2	444	KIRKPATRICK ST SPECIAL DETAILS
			PP31	387	FORBES AVE - STA 143+50 TO STA 149+50	PP60	416	FIFTH AVE - STA 502+50 TO STA 507+50	EROSION & SEDIMENTATION CONTROL PLANS		
PP1	357	FIFTH AVE - STA 433+50 TO STA 438+50	PP32	388	FORBES AVE - STA 149+50 TO STA 154+50	PP61	417	FIFTH AVE - STA 507+50 TO STA 513+50			
PP2	358	FIFTH AVE - STA 438+50 TO STA 443+50	PP33	389	FORBES AVE - STA 154+50 TO STA 159+50	PP62	418	DIAMOND ST, CHATHAM SQ, WASHINGTON PL, MAGEE ST	ES1 445 EROSION & SEDIMENTATION CONTROL PLANS GENERAL NOTES		
PP3	359	FIFTH AVE - STA 443+50 TO STA 448+50	PP34	390	FORBES AVE - STA 159+50 TO STA 164+50	PP63	419	LOGAN ST, STEVENSON ST, PRIDE ST			
PP4	360	FIFTH AVE - STA 448+50 TO STA 454+50	PP35	391	FORBES AVE - STA 164+50 TO STA 169+50	PP64	420	PRIDE ST, MARION ST, VINE ST, VAN BRAAM ST	ES2 446 EROSION & SEDIMENTATION CONTROL PLANS GENERAL NOTES		
PP5	361	FIFTH AVE - STA 454+50 TO STA 458+50	PP36	392	FORBES AVE - STA 169+50 TO STA 173+50	PP65	421	MILTENBERGER ST, DINWIDDIE ST, GIST ST,	ES3 447 EROSION & SEDIMENTATION CONTROL PLANS SEQUENCE OF CONSTRUCTION		
PP6	362	FIFTH AVE - STA 458+50 TO STA 464+50	PP37	393	FORBES AVE - STA 173+50 TO STA 177+50	PP66	422	WYANDOTTE ST, SENECA ST, MOULTRIE ST	ES4 448 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP7	363	FIFTH AVE - STA 464+50 TO STA 470+50	PP38	394	FORBES AVE - STA 177+50 TO STA 182+50	PP67	423	KIRKPATRICK ST, BIRMINGHAM BR	ES5 449 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP8	364	FIFTH AVE - STA 470+50 TO STA 475+50	PP39	395	FORBES AVE - STA 207+50 TO STA 213+50	PP68	424	FORBES AVE - STA 119+00 TO STA 122+00	ES6 450 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP9	365	FIFTH AVE - STA 475+50 TO STA 480+50	PP40	396	FORBES AVE - STA 213+50 TO STA 217+50	PP69	425	FORBES AVE - STA 122+00 TO STA 128+00	ES7 451 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP10	366	FIFTH AVE - STA 480+50 TO STA 485+50	PP41	397	FORBES AVE - STA 221+50 TO STA 227+00	PP70	426	FORBES AVE - STA 128+00 TO STA 133+50	ES8 452 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP11	367	FIFTH AVE - STA 485+50 TO STA 490+50	PP42	398	FORBES AVE - STA 227+00 TO STA 232+00	PP71	427	FORBES AVE - STA 133+50 TO STA 138+50	ES9 453 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP12	368	FIFTH AVE - STA 490+50 TO STA 496+50	PP43	399	FORBES AVE - STA 232+00 TO STA 237+50	PP72	428	FORBES AVE - STA 138+50 TO STA 143+50	ES10 454 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP13	369	FIFTH AVE - STA 496+50 TO STA 502+50	PP44	400	FORBES AVE - STA 237+50 TO STA 242+50	PP73	429	FORBES AVE - STA 143+50 TO STA 149+50	ES11 455 EROSION & SEDIMENTATION CONTROL PLANS DETAILS		
PP14	370	FIFTH AVE - STA 502+50 TO STA 507+50	PP45	401	FORBES AVE - STA 242+50 TO STA 247+50	PP74	430	FORBES AVE - STA 149+50 TO STA 154+50	ES12 456 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 433+50 TO STA 438+50		
PP15	371	FIFTH AVE - STA 507+50 TO STA 513+50	PP46	402	FORBES AVE - STA 247+50 TO STA 251+50	PP75	431	FORBES AVE - STA 154+50 TO STA 159+50	ES13 457 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 438+50 TO STA 443+50		
PP16	372	FIFTH AVE - STA 513+50 TO STA 517+50	ROADWAY PROFILES			PP76	432	FORBES AVE - STA 159+50 TO STA 164+50	ES14 458 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 443+50 TO STA 448+50		
PP17	373	FIFTH AVE - STA 517+50 TO STA 522+50				PP47	403	FIFTH AVE - STA 433+50 TO STA 438+50	PP77	433	FORBES AVE - STA 164+50 TO STA 169+50
PP18	374	FIFTH AVE - STA 522+50 TO STA 528+50	PP48	404	FIFTH AVE - STA 438+50 TO STA 443+50	PP78	434	FORBES AVE - STA 169+50 TO STA 173+50	ES16 460 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 454+50 TO STA 458+50		
PP19	375	FIFTH AVE - STA 528+50 TO STA 534+50	PP49	405	FIFTH AVE - STA 443+50 TO STA 448+50	PP79	435	FORBES AVE - STA 173+50 TO STA 177+50	ES17 461 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 458+50 TO STA 464+50		
PP20	376	FIFTH AVE - STA 534+50 TO STA 540+50	PP50	406	FIFTH AVE - STA 448+50 TO STA 454+50	PP80	436	FORBES AVE - STA 177+50 TO STA 182+50	ES18 462 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 464+50 TO STA 470+50		
PP21	377	FIFTH AVE - STA 540+50 TO STA 545+50	PP51	407	FIFTH AVE - STA 454+50 TO STA 458+50	PP81	437	BOYD ST, MCNULTY ST, CHATHAM SQ	ES19 463 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 470+50 TO STA 475+50		
PP22	378	FIFTH AVE - STA 545+50 TO STA 551+50	PP52	408	FIFTH AVE - STA 458+50 TO STA 464+50	PP82	438	MAGEE ST AND STEVENSON ST	ES20 464 EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 475+50 TO STA 480+50		
PP23	379	FIFTH AVE - STA 551+50 TO STA 555+50									



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NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	JMS
DRAWN	JMS
CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
INDEX OF DRAWINGS



CONTRACT NO. BRT-001

DWG. NO. GN6 SHT. 6

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INDEX OF DRAWINGS

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DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>EROSION & SEDIMENTATION CONTROL PLANS (CONT'D)</u>			<u>EROSION & SEDIMENTATION CONTROL PLANS (CONT'D)</u>			<u>UTILITY PLANS (CONT'D)</u>			<u>PWSA RELOCATION PLANS (CONT'D)</u>		
ES22	466	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 485+50 TO STA 490+50	ES53	497	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 232+00 TO STA 237+50	UT28	526	UTILITY PLANS FORBES AVE - STA 128+00 TO STA 133+50	PWSA5	555	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 444+50
ES23	467	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 490+50 TO STA 496+50	ES54	498	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 242+50 TO STA 247+50	UT29	527	UTILITY PLANS FORBES AVE - STA 133+50 TO STA 138+50	PWSA6	556	PWSA WATERLINE RELOCATION PLAN FIFTH AVE & MAGEE ST - STA 448+00
ES24	468	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 496+50 TO STA 502+50	<u>UTILITY PLANS</u>			UT30	528	UTILITY PLANS FORBES AVE - STA 138+50 TO STA 143+50	PWSA7	557	PWSA WATERLINE RELOCATION PLAN FIFTH AVE & WYANDOTTE ST - STA 478+00
ES25	469	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 502+50 TO STA 507+50	<u>GENERAL NOTES & UTILITY LEGENDS</u>			UT31	529	UTILITY PLANS FORBES AVE - STA 143+50 TO STA 149+50	PWSA8	558	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 471+00 TO STA 481+00
ES26	470	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 507+50 TO STA 513+50	UT1	499	UTILITY PLANS FIFTH AVE - STA 433+50 TO STA 438+50	UT32	530	UTILITY PLANS FORBES AVE - STA 149+50 TO STA 154+50	PWSA9	559	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 490+00
ES27	471	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 513+50 TO STA 517+50	UT2	500	UTILITY PLANS FIFTH AVE - STA 438+50 TO STA 443+50	UT33	531	UTILITY PLANS FORBES AVE - STA 154+50 TO STA 159+50	PWSA10	560	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 495+00
ES28	472	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 528+50 TO STA 534+50	UT3	501	UTILITY PLANS FIFTH AVE - STA 443+50 TO STA 448+50	UT34	532	UTILITY PLANS FORBES AVE - STA 159+50 TO STA 164+50	PWSA11	561	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 503+00
ES29	473	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 522+50 TO STA 528+50	UT4	502	UTILITY PLANS FIFTH AVE - STA 443+50 TO STA 448+50	UT35	533	UTILITY PLANS FORBES AVE - STA 164+50 TO STA 169+50	PWSA12	562	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 511+50
ES30	474	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 528+50 TO STA 534+50	UT5	503	UTILITY PLANS FIFTH AVE - STA 448+50 TO STA 454+50	UT36	534	UTILITY PLANS FORBES AVE - STA 169+50 TO STA 173+50	PWSA13	563	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 517+00
ES31	475	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 534+50 TO STA 540+50	UT6	504	UTILITY PLANS FIFTH AVE - STA 454+50 TO STA 458+50	UT37	535	UTILITY PLANS FORBES AVE - STA 173+50 TO STA 177+50	PWSA14	564	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 539+00
ES32	476	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 540+50 TO STA 545+50	UT7	505	UTILITY PLANS FIFTH AVE - STA 458+50 TO STA 464+50	UT38	536	UTILITY PLANS FORBES AVE - STA 177+50 TO STA 182+50	PWSA15	565	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 542+50
ES33	477	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 545+50 TO STA 551+50	UT8	506	UTILITY PLANS FIFTH AVE - STA 464+50 TO STA 470+50	UT39	537	UTILITY PLANS FORBES AVE - STA 182+50 TO STA 187+50	PWSA16	566	PWSA WATERLINE RELOCATION PLAN FORBES AVE & PRIDE ST - STA 146+00
ES34	478	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 551+50 TO STA 555+50	UT9	507	UTILITY PLANS FIFTH AVE - STA 470+50 TO STA 475+50	UT40	538	UTILITY PLANS FORBES AVE - STA 187+50 TO STA 193+50	PWSA17	567	PWSA WATERLINE RELOCATION PLAN FORBES AVE - STA 153+00 TO STA 171+00
ES35	479	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 555+50 TO STA 561+50	UT10	508	UTILITY PLANS FIFTH AVE - STA 475+50 TO STA 480+50	UT41	539	UTILITY PLANS FORBES AVE - STA 193+50 TO STA 198+50	PWSA18	568	PWSA WATERLINE RELOCATION PLAN FORBES AVE - STA 161+00 & 166+50
ES36	480	EROSION & SEDIMENTATION CONTROL PLANS FIFTH AVE - STA 561+50 TO STA 566+50	UT11	509	UTILITY PLANS FIFTH AVE - STA 480+50 TO STA 485+50	UT42	540	UTILITY PLANS FORBES AVE - STA 198+50 TO STA 202+50	PWSA19	569	PWSA WATERLINE RELOCATION PLAN FORBES AVE - STA 175+00
ES37	481	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 117+00 TO STA 122+00	UT12	510	UTILITY PLANS FIFTH AVE - STA 485+50 TO STA 490+50	UT43	541	UTILITY PLANS FORBES AVE - STA 202+50 TO STA 207+50	PWSA20	570	PWSA WATERLINE RELOCATION PLAN FORBES AVE & HALKET ST - STA 217+00
ES38	482	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 128+00 TO STA 133+50	UT13	511	UTILITY PLANS FIFTH AVE - STA 490+50 TO STA 496+50	UT44	542	UTILITY PLANS FORBES AVE - STA 207+50 TO STA 213+50	PWSA21	571	PWSA WATERLINE RELOCATION PLAN FORBES AVE & MCKEE PLACE - STA 224+00
ES39	483	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 128+00 TO STA 133+50	UT14	512	UTILITY PLANS FIFTH AVE - STA 496+50 TO STA 502+50	UT45	543	UTILITY PLANS FORBES AVE - STA 213+50 TO STA 217+50	<u>LANDSCAPING PLANS</u>		
ES40	484	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 133+50 TO STA 138+50	UT15	513	UTILITY PLANS FIFTH AVE - STA 502+50 TO STA 507+50	UT46	544	UTILITY PLANS FORBES AVE - STA 217+50 TO STA 221+50	LS1	572	LANDSCAPING PLANS DETAILS
ES41	485	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 138+50 TO STA 143+50	UT16	514	UTILITY PLANS FIFTH AVE - STA 507+50 TO STA 513+50	UT47	545	UTILITY PLANS FORBES AVE - STA 221+50 TO STA 227+00	LS2	573	LANDSCAPING PLANS DETAILS
ES42	486	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 143+50 TO STA 149+50	UT17	515	UTILITY PLANS FIFTH AVE - STA 513+50 TO STA 517+50	UT48	546	UTILITY PLANS FORBES AVE - STA 227+00 TO STA 232+00	LS3	574	LANDSCAPING PLANS FIFTH AVE - STA 433+50 TO STA 438+50
ES43	487	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 149+50 TO STA 154+50	UT18	516	UTILITY PLANS FIFTH AVE - STA 517+50 TO STA 522+50	UT49	547	UTILITY PLANS FORBES AVE - STA 232+00 TO STA 237+50	LS4	575	LANDSCAPING PLANS FIFTH AVE - STA 438+50 TO STA 443+50
ES44	488	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 154+50 TO STA 159+50	UT19	517	UTILITY PLANS FIFTH AVE - STA 522+50 TO STA 528+50	UT50	548	UTILITY PLANS FORBES AVE - STA 237+50 TO STA 242+50	LS5	576	LANDSCAPING PLANS FIFTH AVE - STA 443+50 TO STA 448+50
ES45	489	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 159+50 TO STA 164+50	UT20	518	UTILITY PLANS FIFTH AVE - STA 528+50 TO STA 534+50	UT51	549	UTILITY PLANS FORBES AVE - STA 242+50 TO STA 247+50	LS6	577	LANDSCAPING PLANS FIFTH AVE - STA 448+50 TO STA 454+50
ES46	490	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 164+50 TO STA 169+50	UT21	519	UTILITY PLANS FIFTH AVE - STA 534+50 TO STA 540+50	UT52	550	UTILITY PLANS FORBES AVE - STA 247+50 TO STA 251+50	LS7	578	LANDSCAPING PLANS FIFTH AVE - STA 454+50 TO STA 458+50
ES47	491	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 169+50 TO STA 173+50	UT22	520	UTILITY PLANS FIFTH AVE - STA 540+50 TO STA 545+50	<u>PWSA RELOCATION PLANS</u>			LS8	579	LANDSCAPING PLANS FIFTH AVE - STA 458+50 TO STA 464+50
ES48	492	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 173+50 TO STA 177+50	UT23	521	UTILITY PLANS FIFTH AVE - STA 545+50 TO STA 551+50	PWSA1	551	PWSA WATERLINE RELOCATION PLAN PWSA DETAILS	LS9	580	LANDSCAPING PLANS FIFTH AVE - STA 464+50 TO STA 470+50
ES49	493	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 177+50 TO STA 182+50	UT24	522	UTILITY PLANS FIFTH AVE - STA 551+50 TO STA 555+50	PWSA2	552	PWSA WATERLINE RELOCATION PLAN PWSA DETAILS	LS10	581	LANDSCAPING PLANS FIFTH AVE - STA 470+50 TO STA 475+50
ES50	494	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 207+50 TO STA 213+50	UT25	523	UTILITY PLANS FIFTH AVE - STA 555+50 TO STA 561+50	PWSA3	553	PWSA WATERLINE RELOCATION PLAN PWSA DETAILS	LS11	582	LANDSCAPING PLANS FIFTH AVE - STA 475+50 TO STA 480+50
ES51	495	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 213+50 TO STA 217+50	UT26	524	UTILITY PLANS FIFTH AVE - STA 561+50 TO STA 566+50	PWSA4	554	PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 441+00	LS12	583	LANDSCAPING PLANS FIFTH AVE - STA 480+50 TO STA 485+50
ES52	496	EROSION & SEDIMENTATION CONTROL PLANS FORBES AVE - STA 221+50 TO STA 227+00	UT27	525	UTILITY PLANS FORBES AVE - STA 122+00 TO STA 128+00						



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(NOT FOR CONSTRUCTION)

DESIGNED	JMS
DRAWN	JMS
CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND	
INDEX OF DRAWINGS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. GN7	SHT. 7

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INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>LANDSCAPING PLANS (CONT'D)</u>			<u>SIGNING & PAVEMENT MARKING PLANS (CONT'D)</u>			<u>SIGNING & PAVEMENT MARKING PLANS (CONT'D)</u>			<u>SIGNING & PAVEMENT MARKING PLANS (CONT'D)</u>		
LS13	584	LANDSCAPING PLANS FIFTH AVE - STA 485+50 TO STA 490+50	SN8	611	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN39	642	SIGNING & PAVEMENT MARKING PLANS SIXTH AVE - STA 624+50 TO STA 628+50	SN70	673	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 138+50 TO STA 143+50
LS14	585	LANDSCAPING PLANS FIFTH AVE - STA 490+50 TO STA 495+50	SN9	612	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN40	643	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 428+50 TO STA 433+50	SN71	674	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 143+50 TO STA 149+50
LS15	586	LANDSCAPING PLANS FIFTH AVE - STA 495+50 TO STA 502+50	SN10	613	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN41	644	SIGNING & PAVEMENT MARKING PLANS SIXTH AVE - STA 631+50 TO STA 633+24	SN72	675	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 149+50 TO STA 154+50
LS16	587	LANDSCAPING PLANS FIFTH AVE - STA 502+50 TO STA 507+50	SN11	614	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN42	645	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 433+50 TO STA 438+50	SN73	676	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 154+50 TO STA 159+50
LS17	588	LANDSCAPING PLANS FIFTH AVE - STA 507+50 TO STA 513+50	SN12	615	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN43	646	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 438+50 TO STA 443+50	SN74	677	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 159+50 TO STA 164+50
LS18	589	LANDSCAPING PLANS FIFTH AVE - STA 513+50 TO STA 517+50	SN13	616	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN44	647	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 443+50 TO STA 448+50	SN75	678	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 164+50 TO STA 169+50
LS19	590	LANDSCAPING PLANS FIFTH AVE - STA 517+50 TO STA 522+50	SN14	617	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN45	648	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 448+50 TO STA 454+50	SN76	679	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 169+50 TO STA 173+50
LS20	591	LANDSCAPING PLANS FIFTH AVE - STA 551+50 TO STA 555+50	SN15	618	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN46	649	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 454+50 TO STA 458+50	SN77	680	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 173+50 TO STA 177+50
LS21	592	LANDSCAPING PLANS FIFTH AVE - STA 555+50 TO STA 561+50	SN16	619	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN47	650	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 458+50 TO STA 464+50	SN78	681	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 177+50 TO STA 182+50
LS22	593	LANDSCAPING PLANS FIFTH AVE - STA 561+50 TO STA 566+50	SN17	620	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN48	651	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 464+50 TO STA 470+50	SN79	682	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 182+50 TO STA 187+50
LS23	594	LANDSCAPING PLANS FORBES AVE - STA 138+50 TO STA 143+50	SN18	621	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN49	652	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 470+50 TO STA 475+50	SN80	683	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 202+50 TO STA 207+50
LS24	595	LANDSCAPING PLANS FORBES AVE - STA 143+50 TO STA 149+50	SN19	622	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN50	653	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 475+50 TO STA 480+50	SN81	684	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 207+50 TO STA 213+50
LS25	596	LANDSCAPING PLANS FORBES AVE - STA 149+50 TO STA 154+50	SN20	623	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN51	654	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 480+50 TO STA 485+50	SN82	685	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 213+50 TO STA 217+50
LS26	597	LANDSCAPING PLANS FORBES AVE - STA 154+50 TO STA 159+50	SN21	624	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN52	655	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 485+50 TO STA 490+50	SN83	686	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 217+50 TO STA 221+50
LS27	598	LANDSCAPING PLANS FORBES AVE - STA 159+50 TO STA 164+50	SN22	625	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN53	656	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 490+50 TO STA 496+50	SN84	687	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 221+50 TO STA 227+00
LS28	599	LANDSCAPING PLANS FORBES AVE - STA 164+50 TO STA 169+50	SN23	626	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN54	657	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 496+50 TO STA 502+50	SN85	688	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 227+00 TO STA 232+00
LS29	600	LANDSCAPING PLANS FORBES AVE - STA 169+50 TO STA 174+50	SN24	627	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN55	658	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 502+50 TO STA 507+50	SN86	689	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 232+00 TO STA 237+50
LS30	601	LANDSCAPING PLANS FORBES AVE - STA 174+50 TO STA 178+50	SN25	628	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN56	659	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 507+50 TO STA 513+50	SN87	690	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 237+50 TO STA 242+50
LS31	602	LANDSCAPING PLANS FORBES AVE - STA 207+50 TO STA 213+50	SN26	629	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN57	660	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 513+50 TO STA 517+50	SN88	691	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 242+50 TO STA 247+50
LS32	603	LANDSCAPING PLANS FORBES AVE - STA 213+50 TO STA 217+50	SN27	630	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN58	661	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 517+50 TO STA 522+50	SN89	692	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 247+50 TO STA 251+50
			SN28	631	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN59	662	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 522+50 TO STA 528+50	SN90	693	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 251+50 TO STA 256+50
			SN29	632	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN60	663	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 528+50 TO STA 534+50	SN91	694	SIGNING & PAVEMENT MARKING PLANS BELLEFIELD AVE
			SN30	633	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN61	664	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 534+50 TO STA 540+50			
			SN31	634	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN62	665	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 540+50 TO STA 545+50			
			SN32	635	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	SN63	666	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 545+50 TO STA 551+50			
SN1	604	SIGNING & PAVEMENT MARKING PLANS GENERAL NOTES	SN33	636	SIGNING & PAVEMENT MARKING PLANS DETAILS	SN64	667	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 551+50 TO STA 555+50	LP1	695	LIGHTING PLANS GENERAL NOTES
SN2	605	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF QUANTITIES	SN34	637	SIGNING & PAVEMENT MARKING PLANS DETAILS	SN65	668	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 555+50 TO STA 561+50	LP2	696	LIGHTING PLANS TABULATION SHEET
SN3	606	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF QUANTITIES	SN35	638	SIGNING & PAVEMENT MARKING PLANS DETAILS	SN66	669	SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 561+50 TO STA 566+50	LP3	697	LIGHTING PLANS DETAIL SHEET
SN4	607	SIGNING & PAVEMENT MARKING PLANS SUMMARY OF QUANTITIES	SN36	639	SIGNING & PAVEMENT MARKING PLANS DETAILS	SN67	670	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 122+00 TO STA 128+00	LP4	698	LIGHTING PLANS DETAIL SHEET
SN5	608	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN37	640	SIGNING & PAVEMENT MARKING PLANS DETAILS	SN68	671	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 128+00 TO STA 133+50	LP5	699	LIGHTING PLANS DETAIL SHEET
SN6	609	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	SN38	641	SIGNING & PAVEMENT MARKING PLANS DETAILS	SN69	672	SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 133+50 TO STA 138+50	LP6	700	LIGHTING PLANS DETAIL SHEET
SN7	610	SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET									

SIGNING & PAVEMENT MARKING PLANS

LIGHTING PLANS



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(NOT FOR CONSTRUCTION)

DESIGNED	JMS
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CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND	
INDEX OF DRAWINGS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. GN8	SHT. 8

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INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>LIGHTING PLANS (CONT'D)</u>			<u>LIGHTING PLANS (CONT'D)</u>			<u>ARCHITECTURAL PLANS (CONT'D)</u>			<u>STRUCTURAL PLANS (CONT'D)</u>		
LP7	701	FIFTH AVE - STA 433+50 TO STA 438+50	LP38	732	FORBES AVE - STA 159+50 TO STA 164+50	AR032	761	22 SOHO STATION-OVERALL SITE PLAN	ST6	790	BUS STATION 60' - PART 1
LP8	702	FIFTH AVE - STA 438+50 TO STA 443+50	LP39	733	FORBES AVE - STA 164+50 TO STA 169+50	AR033	762	23 WEST OAKLAND STATION-OVERALL SITE PLAN	ST7	791	BUS STATION 60' - PART 2
LP9	703	FIFTH AVE - STA 443+50 TO STA 448+50	LP40	734	FORBES AVE - STA 169+50 TO STA 173+50	AR034	763	24 MCKEE PL STATION-OVERALL SITE PLAN	ST8	792	BUS STATION 60' - PART 3
LP10	704	FIFTH AVE - STA 448+50 TO STA 454+50	LP41	735	FORBES AVE - STA 173+50 TO STA 177+50	AR035	764	25 CENTRAL OAKLAND STATION-OVERALL SITE PLAN-PART 1	ST9	793	BUS STATION TABLES
LP11	705	FIFTH AVE - STA 454+50 TO STA 458+50	LP42	736	FORBES AVE - STA 177+50 TO STA 182+50	AR036	765	25 CENTRAL OAKLAND STATION-OVERALL SITE PLAN-PART 2	ST10	794	DRAINAGE DETAILS - PART 1
LP12	706	FIFTH AVE - STA 458+50 TO STA 464+50	LP43	737	FORBES AVE - STA 207+50 TO STA 213+50	AR037	766	26 BIGELOW BLVD STATION-OVERALL SITE PLAN-PART 1	ST11	795	DRAINAGE DETAILS - PART 2
LP13	707	FIFTH AVE - STA 464+50 TO STA 470+50	LP44	738	FORBES AVE - STA 213+50 TO STA 217+50	AR038	767	26 BIGELOW BLVD STATION-OVERALL SITE PLAN-PART 2	ST12	796	MISC DETAILS
LP14	708	FIFTH AVE - STA 470+50 TO STA 475+50	LP45	739	FORBES AVE - STA 221+50 TO STA 227+00	AR095	768	ARCHITECTURAL PLANS WINDSCREEN TYPES	ST13	797	VAULT HATCH CLOSURE SLAB
LP15	709	FIFTH AVE - STA 475+50 TO STA 480+50	LP46	740	FORBES AVE - STA 232+00 TO STA 237+50	AR096	769	ARCHITECTURAL PLANS WINDSCREEN SCHEDULES	ST14	798	VAULT SLAB PARTIAL REMOVAL
LP16	710	FIFTH AVE - STA 480+50 TO STA 485+50	LP47	741	FORBES AVE - STA 242+50 TO STA 247+50	AR102	770	30' SHELTER ENLARGED PLAN, ROOF PLAN, AND RCP	ST15	799	SLAB MODIFICATIONS - OVERLAY
LP17	711	FIFTH AVE - STA 485+50 TO STA 490+50	LP48	742	FORBES AVE - STA 247+50 TO STA 251+50	AR103	771	30' SHELTER ELEVATIONS	ST16	800	SLAB MODIFICATIONS - SIDEWALK SLAB
LP18	712	FIFTH AVE - STA 490+50 TO STA 496+50	LP49	743	FORBES AVE - STA 251+50 TO STA 256+50	AR104	772	60' SHELTER ENLARGED PLAN, ROOF PLAN, AND RCP	ST17	801	VAULT BACKFILL - PART 1
LP19	713	FIFTH AVE - STA 496+50 TO STA 502+50	<u>ARCHITECTURAL PLANS</u>			AR105	773	60' SHELTER ELEVATIONS	ST18	802	VAULT BACKFILL - PART 2
LP20	714	FIFTH AVE - STA 502+50 TO STA 507+50	AR001	744	ARCHITECTURAL PLANS ABBREVIATIONS AND SYMBOLS	AR106	774	ARCHITECTURAL PLANS-30' GULLWING SHELTER ENLARGED PLAN, ROOF PLAN AND RCP	ST19	803	VAULT BACKFILL - PART 3
LP21	715	FIFTH AVE - STA 507+50 TO STA 513+50	AR002	745	ARCHITECTURAL PLANS-GENERAL NOTES, APPLICABLE CODES AND STANDARDS, AND CODE SUMMARY	AR107	775	30' GULLWING SHELTER ELEVATIONS	ST20	804	VAULT HATCH REMOVAL
LP22	716	FIFTH AVE - STA 513+50 TO STA 517+50	AR003	746	SHELTER SIZE AND AMENITIES SCHEDULE	AR200	776	TYPICAL SHELTER SECTIONS	ST21	805	VAULT HATCH REPLACEMENT - PART 1
LP23	717	FIFTH AVE - STA 517+50 TO STA 522+50	AR016	747	6 UPTOWN WEST STATION-OVERALL SITE PLAN	AR201	777	TYPICAL SHELTER SECTIONS	ST22	806	VAULT HATCH REPLACEMENT - PART 2
LP24	718	FIFTH AVE - STA 522+50 TO STA 528+50	AR017	748	7 PRIDE ST STATION-OVERALL SITE PLAN	AR300	778	SHELTER CANOPY DETAILS	ST23	807	VAULT SLAB REMOVAL - FORBES AVE STA 163+90.86
LP25	719	FIFTH AVE - STA 528+50 TO STA 534+50	AR018	749	8 UPTOWN CENTRAL STATION-OVERALL SITE PLAN	AR310	779	SHELTER WINDSCREEN DETAILS	ST24	808	VAULT SLAB MODIFICATION - FORBES AVE STA 163+90.86
LP26	720	FIFTH AVE - STA 534+50 TO STA 540+50	AR019	750	9 JUMONVILLE ST STATION-OVERALL SITE PLAN	AR311	780	SHELTER WINDSCREEN DETAILS	ST25	809	VAULT DETAILS - FORBES AVE STA 163+90.86
LP27	721	FIFTH AVE - STA 540+50 TO STA 545+50	AR020	751	10 SOHO STATION-OVERALL SITE PLAN	AR320	781	SHELTER SERVICE CARRIER DETAILS	ST26	810	VAULT SLAB REMOVAL - FIFTH AVE STA 437+12.03
LP28	722	FIFTH AVE - STA 545+50 TO STA 551+50	AR021	752	11 WEST OAKLAND STATION-OVERALL SITE PLAN	AR330	782	SIGNAGE & WAYFINDING	ST27	811	VAULT SLAB REPLACEMENT - FIFTH AVE STA 437+12.03
LP29	723	FIFTH AVE - STA 551+50 TO STA 555+50	AR022	753	12 CHESTERFIELD RD STATION-OVERALL SITE PLAN	AR331	783	SHELTER SIGNAGE DETAILS	ST28	812	VAULT SLAB REMOVAL - FIFTH AVE STA 442+54.33
LP30	724	FIFTH AVE - STA 555+50 TO STA 561+50	AR023	754	13 ATWOOD STATION-OVERALL SITE PLAN	AR340	784	MISC SHELTER & WINDSCREEN DETAILS	ST29	813	VAULT SLAB REPLACEMENT - FIFTH AVE STA 442+54.33
LP31	725	FIFTH AVE - STA 561+50 TO STA 566+50	AR024	755	14 BIGELOW BLVD STATION-OVERALL SITE PLAN	<u>STRUCTURAL PLANS</u>			ST30	814	VAULT SLAB REMOVAL - FIFTH AVE STA 469+59.93
LP32	726	FORBES AVE - STA 128+00 TO STA 133+50	AR025	756	15 TENNYSON AVE STATION-OVERALL SITE PLAN	ST1	785	GENERAL NOTES	ST31	815	VAULT SLAB REPLACEMENT - FIFTH AVE STA 469+59.93
LP33	727	FORBES AVE - STA 133+50 TO STA 138+50	AR028	757	18 UPTOWN WEST STATION-OVERALL SITE PLAN	ST2	786	QUANTITIES	ST32	816	VAULT SLAB REPLACEMENT DETAILS
LP34	728	FORBES AVE - STA 138+50 TO STA 143+50	AR029	758	19 PRIDE ST STATION-OVERALL SITE PLAN	ST3	787	TYPICAL SLAB SECTIONS	ST33	817	DLC VAULT SLAB REMOVAL - FIFTH AVE STA 438+14
LP35	729	FORBES AVE - STA 143+50 TO STA 149+50	AR030	759	20 UPTOWN CENTRAL STATION-OVERALL SITE PLAN	ST4	788	BUS STATION 30' - PART 1	ST34	818	DLC VAULT SLAB REPLACEMENT 1 - FIFTH AVE STA 438+14
LP36	730	FORBES AVE - STA 149+50 TO STA 154+50	AR031	760	21 JUMONVILLE ST STATION-OVERALL SITE PLAN	ST5	789	BUS STATION 30' - PART 2	ST35	819	DLC VAULT SLAB REPLACEMENT 2 - FIFTH AVE STA 438+14
LP37	731	FORBES AVE - STA 154+50 TO STA 159+50							ST36	820	DLC VAULT SLAB REMOVAL - FIFTH AVE STA 441+69



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
INDEX OF DRAWINGS



CONTRACT NO. BRT-001

DWG. NO. GN9 SHT. 9

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INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>STRUCTURAL PLANS (CONT'D)</u>			<u>STATION TAP IN PLANS (CONT'D)</u>			<u>CONTROL SYSTEMS PLANS (CONT'D)</u>			<u>CONTROL SYSTEMS PLANS (CONT'D)</u>		
ST37	821	STRUCTURAL PLANS DLC VAULT SLAB REPLACEMENT 1 - FIFTH AVE STA 441+69	TI4	847	STATION TAP IN PLANS JUMONVILLE STATION	CS24	876	CONTROL SYSTEMS PLANS GENERAL NOTES	CS55	907	CONTROL SYSTEMS PLANS FORBES AVE - STA 169+50 TO STA 173+50
ST38	822	STRUCTURAL PLANS DLC VAULT SLAB REPLACEMENT 2 - FIFTH AVE STA 441+69	TI5	848	STATION TAP IN PLANS SOHO STATION	CS25	877	CONTROL SYSTEMS PLANS SPECIAL DETAILS	CS56	908	CONTROL SYSTEMS PLANS FORBES AVE - STA 173+50 TO STA 177+50
ST39	823	STRUCTURAL PLANS DLC VAULT SLAB REMOVAL - FIFTH AVE STA 443+11	TI6	849	STATION TAP IN PLANS WEST OAKLAND STATION	CS26	878	CONTROL SYSTEMS PLANS TABULATION SHEET	CS57	909	CONTROL SYSTEMS PLANS FORBES AVE - STA 177+50 TO STA 182+50
ST40	824	STRUCTURAL PLANS DLC VAULT SLAB REPLACEMENT 1 - FIFTH AVE STA 443+11	TI7	850	STATION TAP IN PLANS CHESTERFIELD STATION	CS27	879	CONTROL SYSTEMS PLANS TABULATION SHEET	CS58	910	CONTROL SYSTEMS PLANS FORBES AVE - STA 207+50 TO STA 213+50
ST41	825	STRUCTURAL PLANS DLC VAULT SLAB REPLACEMENT 2 - FIFTH AVE STA 443+11	TI8	851	STATION TAP IN PLANS BIGELOW STATION	CS28	880	CONTROL SYSTEMS PLANS FIFTH AVE - STA 438+50 TO STA 443+50	CS59	911	CONTROL SYSTEMS PLANS FORBES AVE - STA 221+50 TO STA 227+00
ST42	826	STRUCTURAL PLANS VAULT SLAB MODIFICATION - MISC DETAILS	TI9	852	STATION TAP IN PLANS TENNYSON STATION	CS29	881	CONTROL SYSTEMS PLANS FIFTH AVE - STA 443+50 TO STA 448+50	CS60	912	CONTROL SYSTEMS PLANS FORBES AVE - STA 232+00 TO STA 237+50
ST43	827	STRUCTURAL PLANS KIRKPATRICK WALL - GENERAL PLAN	<u>CONTROL SYSTEMS PLANS</u>			CS30	882	CONTROL SYSTEMS PLANS FIFTH AVE - STA 448+50 TO STA 454+50	CS61	913	CONTROL SYSTEMS PLANS FORBES AVE - STA 242+50 TO STA 247+50
ST44	828	STRUCTURAL PLANS KIRKPATRICK WALL - TYPICAL SECTION	CS1	853	CONTROL SYSTEMS PLANS SYSTEMS GENERAL NOTES	CS31	883	CONTROL SYSTEMS PLANS FIFTH AVE - STA 454+50 TO STA 458+50	<u>MAINTENANCE & PROTECTION OF TRAFFIC PLANS</u>		
ST45	829	STRUCTURAL PLANS KIRKPATRICK WALL - ELEVATION 1	CS2	854	CONTROL SYSTEMS PLANS SYSTEMS SHELTER COMMUNICATIONS OVERVIEW	CS32	884	CONTROL SYSTEMS PLANS FIFTH AVE - STA 458+50 TO STA 464+50	MT1	914	MAINTENANCE & PROTECTION OF TRAFFIC PLANS GENERAL NOTES
ST46	830	STRUCTURAL PLANS KIRKPATRICK WALL - ELEVATION 2	CS3	855	CONTROL SYSTEMS PLANS SYSTEMS BRT BLOCK DIAGRAM	CS33	885	CONTROL SYSTEMS PLANS FIFTH AVE - STA 464+50 TO STA 470+50	MT2	915	MAINTENANCE & PROTECTION OF TRAFFIC PLANS GENERAL NOTES
ST47	831	STRUCTURAL PLANS KIRKPATRICK WALL - FOOTING PLAN	CS4	856	CONTROL SYSTEMS PLANS PITT TOWER BLOCK DIAGRAM	CS34	886	CONTROL SYSTEMS PLANS FIFTH AVE - STA 470+50 TO STA 475+50	MT3	916	MAINTENANCE & PROTECTION OF TRAFFIC PLANS GENERAL NOTES
ST48	832	STRUCTURAL PLANS KIRKPATRICK WALL - WALL DETAILS 1	CS5	857	CONTROL SYSTEMS PLANS PITT TOWER PLAN	CS35	887	CONTROL SYSTEMS PLANS FIFTH AVE - STA 475+50 TO STA 480+50	MT4	917	MAINTENANCE & PROTECTION OF TRAFFIC PLANS INDEX SHEET
ST49	833	STRUCTURAL PLANS OFFSET POLE FOUNDATIONS - PART 1	CS6	858	CONTROL SYSTEMS PLANS PITT TOWER EQUIPMENT RACK ELEVATION	CS36	888	CONTROL SYSTEMS PLANS FIFTH AVE - STA 480+50 TO STA 485+50	MT5	918	MAINTENANCE & PROTECTION OF TRAFFIC PLANS INDEX SHEET
ST50	834	STRUCTURAL PLANS OFFSET POLE FOUNDATIONS - PART 2	CS7	859	CONTROL SYSTEMS PLANS TICKET VENDING MACHINE DETAILS SHEET 01	CS37	889	CONTROL SYSTEMS PLANS FIFTH AVE - STA 485+50 TO STA 490+50	MT6	919	MAINTENANCE & PROTECTION OF TRAFFIC PLANS INDEX SHEET
<u>STATION ELECTRICAL PLANS</u>			CS8	860	CONTROL SYSTEMS PLANS TICKET VENDING MACHINE DETAILS SHEET 02	CS38	890	CONTROL SYSTEMS PLANS FIFTH AVE - STA 490+50 TO STA 496+50	MT7	920	MAINTENANCE & PROTECTION OF TRAFFIC PLANS INDEX SHEET
EL1	835	STATION ELECTRICAL PLANS STATION TRACKER - CONSTRUCTION DATA	CS9	861	CONTROL SYSTEMS PLANS TICKET VALIDATOR DETAILS	CS39	891	CONTROL SYSTEMS PLANS FIFTH AVE - STA 496+50 TO STA 502+50	MT8	921	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL2	836	STATION ELECTRICAL PLANS GENERAL ELECTRICAL NOTES	CS10	862	CONTROL SYSTEMS PLANS SYSTEM REAL TIME SIGN DETAILS SHEET 01	CS40	892	CONTROL SYSTEMS PLANS FIFTH AVE - STA 502+50 TO STA 507+50	MT9	922	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL3	837	STATION ELECTRICAL PLANS TYPICAL STATION PLAN & ELEVATION - 30 & 60 FT	CS11	863	CONTROL SYSTEMS PLANS SYSTEM REAL TIME SIGN DETAILS SHEET 02	CS41	893	CONTROL SYSTEMS PLANS FIFTH AVE - STA 507+50 TO STA 513+50	MT10	923	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL4	838	STATION ELECTRICAL PLANS TYPICAL STATION PLAN & ELEVATION - 30 & 60 FT	CS12	864	CONTROL SYSTEMS PLANS SYSTEM REAL TIME SIGN DETAILS SHEET 03	CS42	894	CONTROL SYSTEMS PLANS FIFTH AVE - STA 513+50 TO STA 519+50	MT11	924	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL5	839	STATION ELECTRICAL PLANS MISCELLANEOUS ELECTRICAL DETAILS	CS13	865	CONTROL SYSTEMS PLANS EMERGENCY CALL STATION DETAILS	CS43	895	CONTROL SYSTEMS PLANS FIFTH AVE - STA 522+50 TO STA 528+50	MT12	925	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL6	840	STATION ELECTRICAL PLANS PANEL SCHEDULES - STATIONS 6 THRU 11	CS14	866	CONTROL SYSTEMS PLANS CCTV MOUNTING DETAILS	CS44	896	CONTROL SYSTEMS PLANS FIFTH AVE - STA 528+50 TO STA 534+50	MT13	926	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL7	841	STATION ELECTRICAL PLANS PANEL SCHEDULES - STATIONS 12 THRU 15	CS15	867	CONTROL SYSTEMS PLANS SYSTEM CABINET DETAILS	CS45	897	CONTROL SYSTEMS PLANS FIFTH AVE - STA 534+50 TO STA 540+50	MT14	927	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL8	842	STATION ELECTRICAL PLANS PANEL SCHEDULES - STATIONS 18 THRU 23	CS16	868	CONTROL SYSTEMS PLANS SYSTEMS 60' INBOUND EQUIPMENT PLAN	CS46	898	CONTROL SYSTEMS PLANS EXISTING ATWOOD STATION	MT15	928	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
EL9	843	STATION ELECTRICAL PLANS PANEL SCHEDULES - STATIONS 24 THRU 26	CS17	869	CONTROL SYSTEMS PLANS SYSTEMS 60' SPECIAL CASE EQUIPMENT PLAN	CS47	899	CONTROL SYSTEMS PLANS FIFTH AVE - STA 545+50 TO STA 551+50	MT16	929	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET
<u>STATION TAP IN PLANS</u>			CS18	870	CONTROL SYSTEMS PLANS SYSTEMS 30' INBOUND EQUIPMENT PLAN	CS48	900	CONTROL SYSTEMS PLANS FIFTH AVE - STA 555+50 TO STA 561+50	MT17	930	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE
TI1	844	STATION TAP IN PLANS LOCATION MAP	CS19	871	CONTROL SYSTEMS PLANS SYSTEMS 30' INBOUND CONDUIT PLAN	CS49	901	CONTROL SYSTEMS PLANS FORBES AVE - STA 128+00 TO STA 133+50	MT18	931	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE
TI2	845	STATION TAP IN PLANS TAP IN DETAILS	CS20	872	CONTROL SYSTEMS PLANS SYSTEMS 30' OUTBOUND CONDUIT PLAN	CS50	902	CONTROL SYSTEMS PLANS FORBES AVE - STA 143+50 TO STA 149+50	MT19	932	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE
TI3	846	STATION TAP IN PLANS TAP IN DETAILS	CS21	873	CONTROL SYSTEMS PLANS SYSTEMS 30' INBOUND CONDUIT PLAN	CS51	903	CONTROL SYSTEMS PLANS FORBES AVE - STA 149+50 TO STA 154+50	MT20	933	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE
			CS22	874	CONTROL SYSTEMS PLANS SYSTEMS 30' OUTBOUND CONDUIT PLAN	CS52	904	CONTROL SYSTEMS PLANS FORBES AVE - STA 154+50 TO STA 159+50	MT21	934	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE
			CS23	875	CONTROL SYSTEMS PLANS SYSTEMS EQUIPMENT CABINET LAYOUT (TYPICAL)	CS53	905	CONTROL SYSTEMS PLANS FORBES AVE - STA 159+50 TO STA 164+50	MT22	935	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE



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REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	JMS
DRAWN	JMS
CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
INDEX OF DRAWINGS



CONTRACT NO. BRT-001

DWG. NO. GN10	SHT. 10
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INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>MAINTENANCE & PROTECTION OF TRAFFIC PLANS (CONT'D)</u>			<u>MAINTENANCE & PROTECTION OF TRAFFIC PLANS (CONT'D)</u>			<u>MAINTENANCE & PROTECTION OF TRAFFIC PLANS (CONT'D)</u>			<u>MAINTENANCE & PROTECTION OF TRAFFIC PLANS (CONT'D)</u>		
MT23	936	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE	MT54	967	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / SIXTH AVE - STA 428+50 TO STA 433+50	MT85	998	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FIFTH AVE - STA 555+50 TO STA 561+50	MT116	1029	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 169+50 TO STA 173+50
MT24	937	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE	MT55	968	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 433+50 TO STA 438+50	MT86	999	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FIFTH AVE - STA 561+50 TO STA 566+50	MT117	1030	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 173+50 TO STA 177+50
MT25	938	MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE	MT56	969	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 438+50 TO STA 443+50	MT87	1000	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 490+50 TO STA 496+50	MT118	1031	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 177+50 TO STA 182+50
MT26	939	MAINTENANCE & PROTECTION OF TRAFFIC PLANS SIGN FABRICATION DETAILS	MT57	970	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 443+50 TO STA 448+50	MT88	1001	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 496+50 TO STA 502+50	MT119	1032	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 138+50 TO STA 143+50
MT27	940	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT58	971	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 448+50 TO STA 454+50	MT89	1002	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 502+50 TO STA 507+50	MT120	1033	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 143+50 TO STA 149+50
MT28	941	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT59	972	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 454+50 TO STA 458+50	MT90	1003	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 507+50 TO STA 513+50	MT121	1034	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 149+50 TO STA 154+50
MT29	942	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT60	973	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 454+50 TO STA 458+50	MT91	1004	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 507+50 TO STA 513+50	MT122	1035	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 154+50 TO STA 159+50
MT30	943	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT61	974	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 458+50 TO STA 464+50	MT92	1005	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 513+50 TO STA 517+50	MT123	1036	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 159+50 TO STA 164+50
MT31	944	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT62	975	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 464+50 TO STA 470+50	MT93	1006	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 517+50 TO STA 522+50	MT124	1037	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 164+50 TO STA 169+50
MT32	945	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT63	976	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 470+50 TO STA 475+50	MT94	1007	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 522+50 TO STA 528+50	MT125	1038	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 119+00 TO STA 122+00
MT33	946	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT64	977	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 475+50 TO STA 481+50	MT95	1008	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 522+50 TO STA 528+50	MT126	1039	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 122+00 TO STA 128+00
MT34	947	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT65	978	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 470+50 TO STA 475+50	MT96	1009	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 528+50 TO STA 534+50	MT127	1040	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 128+00 TO STA 133+50
MT35	948	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT66	979	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 475+50 TO STA 480+50	MT97	1010	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 534+50 TO STA 540+50	MT128	1041	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 133+50 TO STA 138+50
MT36	949	MAINTENANCE & PROTECTION OF TRAFFIC PLANS DETAILS	MT67	980	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 480+50 TO STA 485+50	MT98	1011	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 540+50 TO STA 545+50	MT129	1042	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 138+50 TO STA 143+50
MT37	950	MAINTENANCE & PROTECTION OF TRAFFIC PLANS TEMPORARY TRAFFIC SIGNAL TIMINGS	MT68	981	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 485+50 TO STA 490+50	MT99	1012	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2D / FIFTH AVE - STA 540+50 TO STA 545+50	MT130	1043	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 143+50 TO STA 149+50
MT38	951	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / SIXTH AVE - STA 428+50 TO STA 433+50	MT69	982	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 490+50 TO STA 496+50	MT100	1013	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2D / FIFTH AVE - STA 545+50 TO STA 551+50	MT131	1044	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 159+50 TO STA 164+50
MT39	952	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A FIFTH AVE - STA 433+50 TO STA 438+50	MT70	983	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 490+50 TO STA 496+50	MT101	1014	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2D / FIFTH AVE - STA 551+50 TO STA 555+50	MT132	1045	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 164+50 TO STA 169+50
MT40	953	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 438+50 TO STA 443+50	MT71	984	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 496+50 TO STA 502+50	MT102	1015	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2D / FIFTH AVE - STA 555+50 TO STA 561+50	MT133	1046	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 169+50 TO STA 173+50
MT41	954	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 443+50 TO STA 448+50	MT72	985	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 502+50 TO STA 507+50	MT103	1016	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2D / FIFTH AVE - STA 561+50 TO STA 566+50	MT134	1047	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 173+50 TO STA 177+50
MT42	955	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 448+50 TO STA 454+50	MT73	986	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 507+50 TO STA 513+50	MT104	1017	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 237+50 TO STA 242+50	MT135	1048	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 177+50 TO STA 182+50
MT43	956	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 454+50 TO STA 458+50	MT74	987	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 507+50 TO STA 513+50	MT105	1018	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 242+50 TO STA 247+50	MT136	1049	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 138+50 TO STA 143+50
MT44	957	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 454+50 TO STA 458+50	MT75	988	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 513+50 TO STA 517+50	MT106	1019	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 247+50 TO STA 251+50	MT137	1050	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 143+50 TO STA 149+50
MT45	958	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 458+50 TO STA 464+50	MT76	989	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 517+50 TO STA 522+50	MT107	1020	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 232+00 TO STA 237+50	MT138	1051	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 149+50 TO STA 154+50
MT46	959	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 464+50 TO STA 470+50	MT77	990	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 522+50 TO STA 528+50	MT108	1021	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 237+50 TO STA 242+50	MT139	1052	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 154+50 TO STA 159+50
MT47	960	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 470+50 TO STA 475+50	MT78	991	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 522+50 TO STA 528+50	MT109	1022	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 217+50 TO STA 221+50	MT140	1053	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 159+50 TO STA 164+50
MT48	961	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 475+50 TO STA 480+50	MT79	992	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 528+50 TO STA 534+50	MT110	1023	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 221+50 TO STA 227+00	MT141	1054	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 164+50 TO STA 169+50
MT49	962	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 470+50 TO STA 475+50	MT80	993	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 534+50 TO STA 540+50	MT111	1024	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FORBES AVE - STA 202+50 TO STA 207+50	MT142	1055	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FORBES AVE - STA 119+00 TO STA 122+00
MT50	963	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 475+50 TO STA 480+50	MT81	994	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 540+50 TO STA 545+50	MT112	1025	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FORBES AVE - STA 207+50 TO STA 213+50	MT143	1056	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FORBES AVE - STA 122+00 TO STA 128+00
MT51	964	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 480+50 TO STA 485+50	MT82	995	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 545+50 TO STA 551+50	MT113	1026	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FORBES AVE - STA 213+50 TO STA 217+50	MT144	1057	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FORBES AVE - STA 128+00 TO STA 133+50
MT52	965	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 485+50 TO STA 490+50	MT83	996	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FIFTH AVE - STA 545+50 TO STA 551+50	MT114	1027	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 159+50 TO STA 164+50	MT145	1058	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FORBES AVE - STA 133+50 TO STA 138+50
MT53	966	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 490+50 TO STA 496+50	MT84	997	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FIFTH AVE - STA 551+50 TO STA 555+50	MT115	1028	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 164+50 TO STA 169+50	MT146	1059	MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FORBES AVE - STA 138+50 TO STA 143+50



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(NOT FOR CONSTRUCTION)

DESIGNED	JMS
DRAWN	JMS
CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND

INDEX OF DRAWINGS

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INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>SIGNAL PLANS (CONT'D)</u>			<u>CROSS SECTIONS (CONT'D)</u>			<u>CROSS SECTIONS (CONT'D)</u>			<u>CROSS SECTIONS (CONT'D)</u>		
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SG124	1184	SIGNAL PLANS WIRING, MOVEMENT, PHASING & SEQUENCE DIAGRAMS	XS7	1212	CROSS SECTIONS FIFTH AVE - STA 438+00.00 TO STA 438+50.00	XS38	1243	CROSS SECTIONS FIFTH AVE - STA 462+00.00	XS69	1274	CROSS SECTIONS FIFTH AVE - STA 481+50.00 TO STA 482+00.00
SG125	1185	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS8	1213	CROSS SECTIONS FIFTH AVE - STA 439+00.00 TO STA 439+50.00	XS39	1244	CROSS SECTIONS FIFTH AVE - STA 462+50.00	XS70	1275	CROSS SECTIONS FIFTH AVE - STA 482+39.00
SG126	1186	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS9	1214	CROSS SECTIONS FIFTH AVE - STA 440+00.00 TO STA 440+21.00	XS40	1245	CROSS SECTIONS FIFTH AVE - STA 463+00.00 TO STA 463+50.00	XS71	1276	CROSS SECTIONS FIFTH AVE - STA 482+50.00
SG127	1187	SIGNAL PLANS FORBES AVENUE & JUMONVILLE STREET	XS10	1215	CROSS SECTIONS FIFTH AVE - STA 440+00.00 TO STA 440+50.00	XS41	1246	CROSS SECTIONS FIFTH AVE - STA 463+65.00 TO STA 464+00.00	XS72	1277	CROSS SECTIONS FIFTH AVE - STA 483+00.00
SG128	1188	SIGNAL PLANS WIRING, MOVEMENT, PHASING & SEQUENCE DIAGRAMS	XS11	1216	CROSS SECTIONS FIFTH AVE - STA 440+59.00 TO STA 441+00.00	XS42	1247	CROSS SECTIONS FIFTH AVE - STA 464+50.00 TO STA 465+00.00	XS73	1278	CROSS SECTIONS FIFTH AVE - STA 483+50.00
SG129	1189	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS12	1217	CROSS SECTIONS FIFTH AVE - STA 441+50.00 TO STA 442+00.00	XS43	1248	CROSS SECTIONS FIFTH AVE - STA 465+50.00 TO STA 466+00.00	XS74	1279	CROSS SECTIONS FIFTH AVE - STA 484+00.00 TO STA 484+50.00
SG130	1190	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS13	1218	CROSS SECTIONS FIFTH AVE - STA 442+11.00 TO STA 442+50.00	XS44	1249	CROSS SECTIONS FIFTH AVE - STA 466+50.00 TO STA 467+00.00	XS75	1280	CROSS SECTIONS FIFTH AVE - STA 485+00.00
SG131	1191	SIGNAL PLANS FORBES AVENUE & MOULTRIE STREET	XS14	1219	CROSS SECTIONS FIFTH AVE - STA 443+00.00 TO STA 443+50.00	XS45	1250	CROSS SECTIONS FIFTH AVE - STA 467+08.00 TO 467+50.00	XS76	1281	CROSS SECTIONS FIFTH AVE - STA 485+50.00
SG132	1192	SIGNAL PLANS WIRING, MOVEMENT, PHASING & SEQUENCE DIAGRAMS	XS15	1220	CROSS SECTIONS FIFTH AVE - STA 440+00.00 TO STA 444+50.00	XS46	1251	CROSS SECTIONS FIFTH AVE - STA 467+86.00 TO 468+00.00	XS77	1282	CROSS SECTIONS FIFTH AVE - STA 486+00.00 TO STA 486+45.00
SG133	1193	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS16	1221	CROSS SECTIONS FIFTH AVE - STA 445+00.00 TO STA 445+50.00	XS47	1252	CROSS SECTIONS FIFTH AVE - STA 468+50.00 TO 468+73.00	XS78	1283	CROSS SECTIONS FIFTH AVE - STA 486+50.00 TO STA 486+93.00
SG134	1194	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS17	1222	CROSS SECTIONS FIFTH AVE - STA 446+00.00	XS48	1253	CROSS SECTIONS FIFTH AVE - STA 469+00.00 TO STA 469+50.00	XS79	1284	CROSS SECTIONS FIFTH AVE - STA 487+00.00 TO STA 487+50.00
SG135	1195	SIGNAL PLANS FORBES AVENUE & BIRMINGHAM BRIDGE ON-OFF RAMP	XS18	1223	CROSS SECTIONS FIFTH AVE - STA 446+50.00	XS49	1254	CROSS SECTIONS FIFTH AVE - STA 470+00.00	XS80	1285	CROSS SECTIONS FIFTH AVE - STA 488+00.00 TO STA 488+50.00
SG136	1196	SIGNAL PLANS WIRING, MOVEMENT, PHASING & SEQUENCE DIAGRAMS	XS19	1224	CROSS SECTIONS FIFTH AVE - STA 447+00.00 TO STA 447+50.00	XS50	1255	CROSS SECTIONS FIFTH AVE - STA 470+50.00	XS81	1286	CROSS SECTIONS FIFTH AVE - STA 489+00.00 TO STA 489+50.00
SG137	1197	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS20	1225	CROSS SECTIONS FIFTH AVE - STA 447+86.00 TO STA 448+00.00	XS51	1256	CROSS SECTIONS FIFTH AVE - STA 471+00.00	XS82	1287	CROSS SECTIONS FIFTH AVE - STA 490+00.00
SG138	1198	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS21	1226	CROSS SECTIONS FIFTH AVE - STA 448+50.00 TO STA 449+00.00	XS52	1257	CROSS SECTIONS FIFTH AVE - STA 471+50.00 TO STA 472+00.00	XS83	1288	CROSS SECTIONS FIFTH AVE - STA 490+50.00
SG139	1199	SIGNAL PLANS FORBES AVENUE & HALKET STREET	XS22	1227	CROSS SECTIONS FIFTH AVE - STA 449+50.00 TO STA 450+00.00	XS53	1258	CROSS SECTIONS FIFTH AVE - STA 472+46.00 TO STA 472+50.00	XS84	1289	CROSS SECTIONS FIFTH AVE - STA 491+00.00
SG140	1200	SIGNAL PLANS WIRING, MOVEMENT, PHASING & SEQUENCE DIAGRAMS	XS23	1228	CROSS SECTIONS FIFTH AVE - STA 450+50.00	XS54	1259	CROSS SECTIONS FIFTH AVE - STA 473+00.00 TO STA 473+50.00	XS85	1290	CROSS SECTIONS FIFTH AVE - STA 491+50.00 TO STA 492+00.00
SG141	1201	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS24	1229	CROSS SECTIONS FIFTH AVE - STA 451+00.00 TO STA 451+50.00	XS55	1260	CROSS SECTIONS FIFTH AVE - STA 474+00.00 TO STA 474+50.00	XS86	1291	CROSS SECTIONS FIFTH AVE - STA 492+14.00 TO STA 492+50.00
SG142	1202	SIGNAL PLANS & SCHENLEY DRIVE EXTENSION	XS25	1230	CROSS SECTIONS FIFTH AVE - STA 452+00.00 TO STA 452+50.00	XS56	1261	CROSS SECTIONS FIFTH AVE - STA 475+00.00	XS87	1292	CROSS SECTIONS FIFTH AVE - STA 493+00.00 TO STA 493+50.00
SG143	1203	SIGNAL PLANS WIRING, MOVEMENT, PHASING & SEQUENCE DIAGRAMS	XS26	1231	CROSS SECTIONS FIFTH AVE - STA 452+92.00 TO STA 453+00.00	XS57	1262	CROSS SECTIONS FIFTH AVE - STA 475+50.00	XS88	1293	CROSS SECTIONS FIFTH AVE - STA 494+00.00 TO STA 494+50.00
SG144	1204	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS27	1232	CROSS SECTIONS FIFTH AVE - STA 453+50.00 TO STA 454+00.00	XS58	1263	CROSS SECTIONS FIFTH AVE - STA 476+00.00	XS89	1294	CROSS SECTIONS FIFTH AVE - STA 495+00.00
SG145	1205	SIGNAL PLANS TRAFFIC SIGNAL TABULATIONS	XS28	1233	CROSS SECTIONS FIFTH AVE - STA 454+50.00	XS59	1264	CROSS SECTIONS FIFTH AVE - STA 476+18.00	XS90	1295	CROSS SECTIONS FIFTH AVE - STA 495+50.00
			XS29	1234	CROSS SECTIONS FIFTH AVE - STA 455+00.00 TO STA 455+50.00	XS60	1265	CROSS SECTIONS FIFTH AVE - STA 476+50.00	XS91	1296	CROSS SECTIONS FIFTH AVE - STA 496+00.00
			XS30	1235	CROSS SECTIONS FIFTH AVE - STA 455+65.00 TO STA 456+00.00	XS61	1266	CROSS SECTIONS FIFTH AVE - STA 477+00.00	XS92	1297	CROSS SECTIONS FIFTH AVE - STA 496+50.00
			XS31	1236	CROSS SECTIONS FIFTH AVE - STA 456+50.00 TO STA 456+80.00	XS62	1267	CROSS SECTIONS FIFTH AVE - STA 477+42.00	XS93	1298	CROSS SECTIONS FIFTH AVE - STA 497+00.00
XS1	1206	CROSS SECTIONS FIFTH AVE - STA 434+00.00 TO STA 434+50.00	XS32	1237	CROSS SECTIONS FIFTH AVE - STA 457+00.00 TO STA 457+50.00	XS63	1268	CROSS SECTIONS FIFTH AVE - STA 477+50.00	XS94	1299	CROSS SECTIONS FIFTH AVE - STA 497+50.00
XS2	1207	CROSS SECTIONS FIFTH AVE - STA 435+00 TO STA 435+16.00	XS33	1238	CROSS SECTIONS FIFTH AVE - STA 458+00.00 TO STA 458+50.00	XS64	1269	CROSS SECTIONS FIFTH AVE - STA 477+90.00	XS95	1300	CROSS SECTIONS FIFTH AVE - STA 498+00.00
XS3	1208	CROSS SECTIONS FIFTH AVE - STA 435+50.00 TO STA 436+00.00	XS34	1239	CROSS SECTIONS FIFTH AVE - STA 459+00.00 TO STA 459+44.00	XS65	1270	CROSS SECTIONS FIFTH AVE - STA 478+00.00	XS96	1301	CROSS SECTIONS FIFTH AVE - STA 498+50.00
XS4	1209	CROSS SECTIONS FIFTH AVE - STA 436+50.00	XS35	1240	CROSS SECTIONS FIFTH AVE - STA 459+50.00 TO STA 459+75.00	XS66	1271	CROSS SECTIONS FIFTH AVE - STA 478+50.00 TO STA 479+00.00	XS97	1302	CROSS SECTIONS FIFTH AVE - STA 499+00.00 TO STA 499+50.00



NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	JMS
DRAWN	JMS
CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND

INDEX OF DRAWINGS

Port Authority
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CONTRACT NO. BRT-001

DWG. NO.	GN13	SHT.	13
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INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>CROSS SECTIONS (CONT'D)</u>			<u>CROSS SECTIONS (CONT'D)</u>			<u>CROSS SECTIONS (CONT'D)</u>			<u>CROSS SECTIONS (CONT'D)</u>		
XS98	1303	CROSS SECTIONS FIFTH AVE - STA 500+00.00 TO STA 500+50.00	XS129	1334	CROSS SECTIONS FIFTH AVE - STA 533+00.00 TO STA 533+50.00	0	0	0	XS191	1396	CROSS SECTIONS FORBES AVE - STA 138+00.00
XS99	1304	CROSS SECTIONS FIFTH AVE - STA 501+00.00	XS130	1335	CROSS SECTIONS FIFTH AVE - STA 534+00.00 TO STA 534+50.00	XS161	1366	CROSS SECTIONS FORBES AVE - STA 121+50.00	XS192	1397	CROSS SECTIONS FORBES AVE - STA 138+50.00
XS100	1305	CROSS SECTIONS FIFTH AVE - STA 501+50.00 TO STA 502+00.00	XS131	1336	CROSS SECTIONS FIFTH AVE - STA 535+00.00 TO STA 535+50.00	XS162	1367	CROSS SECTIONS FORBES AVE - STA 122+00.00	XS193	1398	CROSS SECTIONS FORBES AVE - STA 139+00.00
XS101	1306	CROSS SECTIONS FIFTH AVE - STA 502+50.00 TO STA 503+00.00	XS132	1337	CROSS SECTIONS FIFTH AVE - STA 536+00.00 TO STA 536+50.00	XS163	1368	CROSS SECTIONS FORBES AVE - STA 122+50.00	XS194	1399	CROSS SECTIONS FORBES AVE - STA 139+50.00
XS102	1307	CROSS SECTIONS FIFTH AVE - STA 503+50.00 TO STA 504+00.00	XS133	1338	CROSS SECTIONS FIFTH AVE - STA 537+00.00 TO STA 537+50.00	XS164	1369	CROSS SECTIONS FORBES AVE - STA 122+86.00	XS195	1400	CROSS SECTIONS FORBES AVE - STA 140+00.00
XS103	1308	CROSS SECTIONS FIFTH AVE - STA 504+50.00 TO STA 505+00.00	XS134	1339	CROSS SECTIONS FIFTH AVE - STA 538+00.00 TO STA 538+50.00	XS165	1370	CROSS SECTIONS FORBES AVE - STA 123+00.00	XS196	1401	CROSS SECTIONS FORBES AVE - STA 140+50.00
XS104	1309	CROSS SECTIONS FIFTH AVE - STA 505+50.00	XS135	1340	CROSS SECTIONS FIFTH AVE - STA 539+00.00 TO STA 539+50.00	XS166	1371	CROSS SECTIONS FORBES AVE - STA 123+50.00 TO STA 124+00.00	XS197	1402	CROSS SECTIONS FORBES AVE - STA 141+00.00
XS105	1310	CROSS SECTIONS FIFTH AVE - STA 506+00.00	XS136	1341	CROSS SECTIONS FIFTH AVE - STA 540+00.00 TO STA 540+50.00	XS167	1372	CROSS SECTIONS FORBES AVE - STA 124+50.00	XS198	1403	CROSS SECTIONS FORBES AVE - STA 141+50.00
XS106	1311	CROSS SECTIONS FIFTH AVE - STA 506+50.00 TO STA 507+00.00	XS137	1342	CROSS SECTIONS FIFTH AVE - STA 541+00.00 TO STA 541+50.00	XS168	1373	CROSS SECTIONS FORBES AVE - STA 125+00.00	XS199	1404	CROSS SECTIONS FORBES AVE - STA 141+78.00
XS107	1312	CROSS SECTIONS FIFTH AVE - STA 507+50.00	XS138	1343	CROSS SECTIONS FIFTH AVE - STA 542+00.00 TO STA 542+50.00	XS169	1374	CROSS SECTIONS FORBES AVE - STA 125+50.00	XS200	1405	CROSS SECTIONS FORBES AVE - STA 142+00.00
XS108	1313	CROSS SECTIONS FIFTH AVE - STA 508+00.00	XS139	1344	CROSS SECTIONS FIFTH AVE - STA 543+00.00 TO STA 543+50.00	XS170	1375	CROSS SECTIONS FORBES AVE - STA 126+00.00 TO STA 126+50.00	XS201	1406	CROSS SECTIONS FORBES AVE - STA 142+50.00
XS109	1314	CROSS SECTIONS FIFTH AVE - STA 508+50.00	XS140	1345	CROSS SECTIONS FIFTH AVE - STA 544+00.00 TO STA 544+50.00	XS171	1376	CROSS SECTIONS FORBES AVE - STA 127+00.00	XS202	1407	CROSS SECTIONS FORBES AVE - STA 143+00.00 TO STA 143+50.00
XS110	1315	CROSS SECTIONS FIFTH AVE - STA 509+00.00 TO STA 509+50.00	XS141	1346	CROSS SECTIONS FIFTH AVE - STA 550+94.00 TO STA 551+00.00	XS172	1377	CROSS SECTIONS FORBES AVE - STA 127+50.00	XS203	1408	CROSS SECTIONS FORBES AVE - STA 144+00.00 TO STA 144+50.00
XS111	1316	CROSS SECTIONS FIFTH AVE - STA 510+00.00 TO STA 510+50.00	XS142	1347	CROSS SECTIONS FIFTH AVE - STA 551+50.00 TO STA 552+00.00	XS173	1378	CROSS SECTIONS FORBES AVE - STA 128+00.00	XS204	1409	CROSS SECTIONS FORBES AVE - STA 145+00.00 TO STA 145+16.00
XS112	1317	CROSS SECTIONS FIFTH AVE - STA 511+00.00 TO STA 511+50.00	XS143	1348	CROSS SECTIONS FIFTH AVE - STA 552+50.00 TO STA 553+00.00	XS174	1379	CROSS SECTIONS FORBES AVE - STA 128+50.00	XS205	1410	CROSS SECTIONS FORBES AVE - STA 145+50.00 TO STA 145+68.00
XS113	1318	CROSS SECTIONS FIFTH AVE - STA 512+00.00 TO STA 512+50.00	XS144	1349	CROSS SECTIONS FIFTH AVE - STA 553+50.00 TO STA 554+00.00	XS175	1380	CROSS SECTIONS FORBES AVE - STA 129+00.00	XS206	1411	CROSS SECTIONS FORBES AVE - STA 146+00.00 TO STA 146+50.00
XS114	1319	CROSS SECTIONS FIFTH AVE - STA 513+00.00 TO STA 513+50.00	XS145	1350	CROSS SECTIONS FIFTH AVE - STA 554+50.00 TO STA 555+00.00	XS176	1381	CROSS SECTIONS FORBES AVE - STA 129+24.00	XS207	1412	CROSS SECTIONS FORBES AVE - STA 147+00.00 TO STA 147+50.00
XS115	1320	CROSS SECTIONS FIFTH AVE - STA 514+00.00 TO STA 514+50.00	XS146	1351	CROSS SECTIONS FIFTH AVE - STA 556+50.00 TO STA 557+00.00	XS177	1382	CROSS SECTIONS FORBES AVE - STA 129+50.00	XS208	1413	CROSS SECTIONS FORBES AVE - STA 148+00.00
XS116	1321	CROSS SECTIONS FIFTH AVE - STA 515+00.00 TO STA 515+50.00	XS147	1352	CROSS SECTIONS FIFTH AVE - STA 557+50.00	XS178	1383	CROSS SECTIONS FORBES AVE - STA 130+00.00	XS209	1414	CROSS SECTIONS FORBES AVE - STA 148+25.00 TO STA 148+50.00
XS117	1322	CROSS SECTIONS FIFTH AVE - STA 516+00.00 TO STA 516+50.00	XS148	1353	CROSS SECTIONS FIFTH AVE - STA 559+50.00 TO STA 560+00.00	XS179	1384	CROSS SECTIONS FORBES AVE - STA 130+28.00	XS210	1415	CROSS SECTIONS FORBES AVE - STA 149+00.00 TO STA 149+50.00
XS118	1323	CROSS SECTIONS FIFTH AVE - STA 516+97.00 TO STA 517+00.00	XS149	1354	CROSS SECTIONS FIFTH AVE - STA 560+50.00 TO STA 561+00.00	XS180	1385	CROSS SECTIONS FORBES AVE - STA 130+50.00	XS211	1416	CROSS SECTIONS FORBES AVE - STA 150+00.00 TO STA 150+50.00
XS119	1324	CROSS SECTIONS FIFTH AVE - STA 517+50.00 TO STA 518+00.00	XS150	1355	CROSS SECTIONS FIFTH AVE - STA 561+50.00 TO STA 562+00.00	XS181	1386	CROSS SECTIONS FORBES AVE - STA 131+00.00 TO STA 131+50.00	XS212	1417	CROSS SECTIONS FORBES AVE - STA 151+00.00
XS120	1325	CROSS SECTIONS FIFTH AVE - STA 518+50.00 TO STA 519+00.00	XS151	1356	CROSS SECTIONS FIFTH AVE - STA 562+50.00 TO STA 563+00.00	XS182	1387	CROSS SECTIONS FORBES AVE - STA 132+00.00 TO STA 132+50.00	XS213	1418	CROSS SECTIONS FORBES AVE - STA 151+50.00
XS121	1326	CROSS SECTIONS FIFTH AVE - STA 520+50.00 TO STA 521+00.00	XS152	1357	CROSS SECTIONS FIFTH AVE - STA 563+50.00 TO STA 564+00.00	XS183	1388	CROSS SECTIONS FORBES AVE - STA 133+00.00 TO STA 133+50.00	XS214	1419	CROSS SECTIONS FORBES AVE - STA 152+00.00
XS122	1327	CROSS SECTIONS FIFTH AVE - STA 521+50.00	XS153	1358	CROSS SECTIONS FIFTH AVE - STA 564+50.00 TO STA 573+95.00	XS184	1389	CROSS SECTIONS FORBES AVE - STA 134+00.00 TO STA 134+50.00	XS215	1420	CROSS SECTIONS FORBES AVE - STA 152+50.00
XS123	1328	CROSS SECTIONS FIFTH AVE - STA 526+00.00 TO STA 526+50.00	XS155	1360	CROSS SECTIONS WASHINGTON PL - STA 25+50.00	XS185	1390	CROSS SECTIONS FORBES AVE - STA 135+00.00 TO STA 135+50.00	XS216	1421	CROSS SECTIONS FORBES AVE - STA 152+55.00
XS124	1329	CROSS SECTIONS FIFTH AVE - STA 527+00.00 TO STA 527+30.00	XS156	1361	CROSS SECTIONS PRIDE ST - STA 30+50.00	XS186	1391	CROSS SECTIONS FORBES AVE - STA 136+00.00	XS217	1422	CROSS SECTIONS FORBES AVE - STA 153+00.00 TO STA 153+50.00
XS125	1330	CROSS SECTIONS FIFTH AVE - STA 527+50.00 TO STA 528+00.00	XS157	1362	CROSS SECTIONS MARION ST - STA 22+75.00	XS187	1392	CROSS SECTIONS FORBES AVE - STA 136+50.00	XS218	1423	CROSS SECTIONS FORBES AVE - STA 154+00.00 TO STA 154+50.00
XS126	1331	CROSS SECTIONS FIFTH AVE - STA 530+50.00 TO STA 531+00.00	XS158	1363	CROSS SECTIONS WYANDOTTE ST - STA 30+50.00	XS188	1393	CROSS SECTIONS FORBES AVE - STA 136+70.00	XS219	1424	CROSS SECTIONS FORBES AVE - STA 155+00.00 TO STA 155+27.00
XS127	1332	CROSS SECTIONS FIFTH AVE - STA 531+50.00 TO STA 532+00.00	XS159	1364	CROSS SECTIONS KIRKPATRICK ST - STA 30+50.00 TO STA 31+00.00	XS189	1394	CROSS SECTIONS FORBES AVE - STA 137+00.00			
XS128	1333	CROSS SECTIONS FIFTH AVE - STA 532+50.00	XS160	1365	CROSS SECTIONS KIRKPATRICK ST - STA 31+50.00	XS190	1395	CROSS SECTIONS FORBES AVE - STA 137+50.00			



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(NOT FOR CONSTRUCTION)

DESIGNED	JMS
DRAWN	JMS
CHECKED	MES
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND

INDEX OF DRAWINGS

Port Authority connecting people to life®

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DWG. NO. GN14 SHT. 14

INDEX OF DRAWINGS

DRAWING NUMBER	SHEET NUMBER	TITLE	DRAWING NUMBER	SHEET NUMBER	TITLE
<u>CROSS SECTIONS (CONT'D)</u>			<u>CROSS SECTIONS (CONT'D)</u>		
XS220	1425	CROSS SECTIONS FORBES AVE - STA 155+50.00	XS251	1456	CROSS SECTIONS FORBES AVE - STA 173+00.00 TO STA 173+50.00
XS221	1426	CROSS SECTIONS FORBES AVE - STA 155+99.00	XS252	1457	CROSS SECTIONS FORBES AVE - STA 174+00.00
XS222	1427	CROSS SECTIONS FORBES AVE - STA 156+00.00	XS253	1458	CROSS SECTIONS FORBES AVE - STA 174+50.00
XS223	1428	CROSS SECTIONS FORBES AVE - STA 156+50.00 TO STA 157+00.00	XS254	1459	CROSS SECTIONS FORBES AVE - STA 175+00.00 TO STA 175+33.00
XS224	1429	CROSS SECTIONS FORBES AVE - STA 157+50.00	XS255	1460	CROSS SECTIONS FORBES AVE - STA 175+50.00 TO STA 176+00.00
XS225	1430	CROSS SECTIONS FORBES AVE - STA 158+00.00	XS256	1461	CROSS SECTIONS FORBES AVE - STA 176+50.00
XS226	1431	CROSS SECTIONS FORBES AVE - STA 158+50.00	XS257	1462	CROSS SECTIONS FORBES AVE - STA 176+58.00
XS227	1432	CROSS SECTIONS FORBES AVE - STA 159+00.00	XS258	1463	CROSS SECTIONS FORBES AVE - STA 177+00.00
XS228	1433	CROSS SECTIONS FORBES AVE - STA 159+50.00	XS259	1464	CROSS SECTIONS FORBES AVE - STA 177+50.00 TO STA 178+00.00
XS229	1434	CROSS SECTIONS FORBES AVE - STA 160+00.00	XS260	1465	CROSS SECTIONS FORBES AVE - STA 178+50.00
XS230	1435	CROSS SECTIONS FORBES AVE - STA 160+50.00	XS261	1466	CROSS SECTIONS FORBES AVE - STA 179+00.00
XS231	1436	CROSS SECTIONS FORBES AVE - STA 161+00.00	XS262	1467	CROSS SECTIONS FORBES AVE - STA 179+50.00
XS232	1437	CROSS SECTIONS FORBES AVE - STA 161+36.00	XS263	1468	CROSS SECTIONS FORBES AVE - STA 180+00.00
XS233	1438	CROSS SECTIONS FORBES AVE - STA 161+50.00	XS264	1469	CROSS SECTIONS FORBES AVE - STA 180+50.00
XS234	1439	CROSS SECTIONS FORBES AVE - STA 162+00.00	XS265	1470	CROSS SECTIONS FORBES AVE - STA 180+65.89
XS235	1440	CROSS SECTIONS FORBES AVE - STA 162+50.00	XS266	1471	CROSS SECTIONS FORBES AVE - STA 211+50.00 TO STA 212+00.00
XS236	1441	CROSS SECTIONS FORBES AVE - STA 163+00.00	XS267	1472	CROSS SECTIONS FORBES AVE - STA 212+41.00 TO STA 212+50.00
XS237	1442	CROSS SECTIONS FORBES AVE - STA 163+50.00 TO STA 164+00.00	XS268	1473	CROSS SECTIONS FORBES AVE - STA 213+00.00 TO STA 213+50.00
XS238	1443	CROSS SECTIONS FORBES AVE - STA 164+50.00 TO STA 165+00.00	XS269	1474	CROSS SECTIONS FORBES AVE - STA 217+15.00
XS239	1444	CROSS SECTIONS FORBES AVE - STA 165+50.00	XS270	1475	CROSS SECTIONS FORBES AVE - STA 217+21.50
XS240	1445	CROSS SECTIONS FORBES AVE - STA 165+88.00	XS271	1476	CROSS SECTIONS FORBES AVE - STA 224+00.00 TO STA 224+50.00
XS241	1446	CROSS SECTIONS FORBES AVE - STA 166+00.00	XS272	1477	CROSS SECTIONS FORBES AVE - STA 224+75.00 TO STA 225+00.00
XS242	1447	CROSS SECTIONS FORBES AVE - STA 166+32.00	XS273	1478	CROSS SECTIONS FORBES AVE - STA 225+50.00
XS243	1448	CROSS SECTIONS FORBES AVE - STA 166+50.00	XS274	1479	CROSS SECTIONS FORBES AVE - STA 236+00.00 TO STA 236+50.00
XS244	1449	CROSS SECTIONS FORBES AVE - STA 167+00.00 TO STA 167+50.00	XS275	1480	CROSS SECTIONS FORBES AVE - STA 236+56.00 TO STA 237+00.00
XS245	1450	CROSS SECTIONS FORBES AVE - STA 168+00.00 TO STA 168+50.00	XS276	1481	CROSS SECTIONS FORBES AVE - STA 237+31.00
XS246	1451	CROSS SECTIONS FORBES AVE - STA 169+00.00 TO STA 169+50.00	XS277	1482	CROSS SECTIONS FORBES AVE - STA 245+00.00
XS247	1452	CROSS SECTIONS FORBES AVE - STA 170+00.00 TO STA 170+50.00	XS278	1483	CROSS SECTIONS FORBES AVE - STA 245+50.00 TO STA 245+76.00
XS248	1453	CROSS SECTIONS FORBES AVE - STA 171+00.00	XS279	1484	CROSS SECTIONS FORBES AVE - STA 246+00.00 TO STA 246+46.00
XS249	1454	CROSS SECTIONS FORBES AVE - STA 171+28.00 TO STA 171+50.00	XS280	1485	CROSS SECTIONS FORBES AVE - STA 246+50.00 TO STA 247+00.00
XS250	1455	CROSS SECTIONS FORBES AVE - STA 172+00.00 TO STA 172+50.00	XS281	1486	CROSS SECTIONS FORBES AVE - STA 247+50.00 TO STA 248+00.00



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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
INDEX OF DRAWINGS



CONTRACT NO. BRT-001

DWG. NO. GN15 SHT. 15

INDEX OF DRAWINGS

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SWM2	2	STORMWATER MANAGEMENT PLANS KEY PLAN	SWM33	33	STORMWATER MANAGEMENT PLANS LANDSCAPE PLANS
SWM3	3	STORMWATER MANAGEMENT PLANS KEY PLAN	SWM34	34	STORMWATER MANAGEMENT PLANS LANDSCAPE PLANS
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SWM7	7	STORMWATER MANAGEMENT PLANS GI DETAILS			
SWM8	8	STORMWATER MANAGEMENT PLANS GI DETAILS			
SWM9	9	STORMWATER MANAGEMENT PLANS GI DETAILS			
SWM10	10	STORMWATER MANAGEMENT PLANS GI DETAILS			
SWM11	11	STORMWATER MANAGEMENT PLANS GI DETAILS			
SWM13	13	STORMWATER MANAGEMENT PLANS STRUCTURE TABLE - FIFTH AVENUE			
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SWM18	18	STORMWATER MANAGEMENT PLANS FIFTH AVE - STA 474+50 TO STA 477+50			
SWM19	19	STORMWATER MANAGEMENT PLANS FIFTH AVE - STA 484+50 TO STA 486+50			
SWM20	20	STORMWATER MANAGEMENT PLANS FIFTH AVE - STA 488+00 TO STA 491+00			
SWM21	21	STORMWATER MANAGEMENT PLANS FIFTH AVE - STA 491+50 TO STA 493+50			
SWM22	22	STORMWATER MANAGEMENT PLANS FORBES AVE - STA 142+00 TO STA 144+00			
SWM23	23	STORMWATER MANAGEMENT PLANS FORBES AVE - STA 145+50 TO STA 147+50			
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<u>PWSA GREEN INFRASTRUCTURE (GI) PLANS (CONT'D)</u>					



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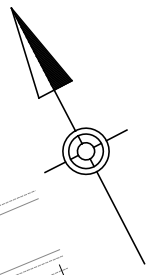
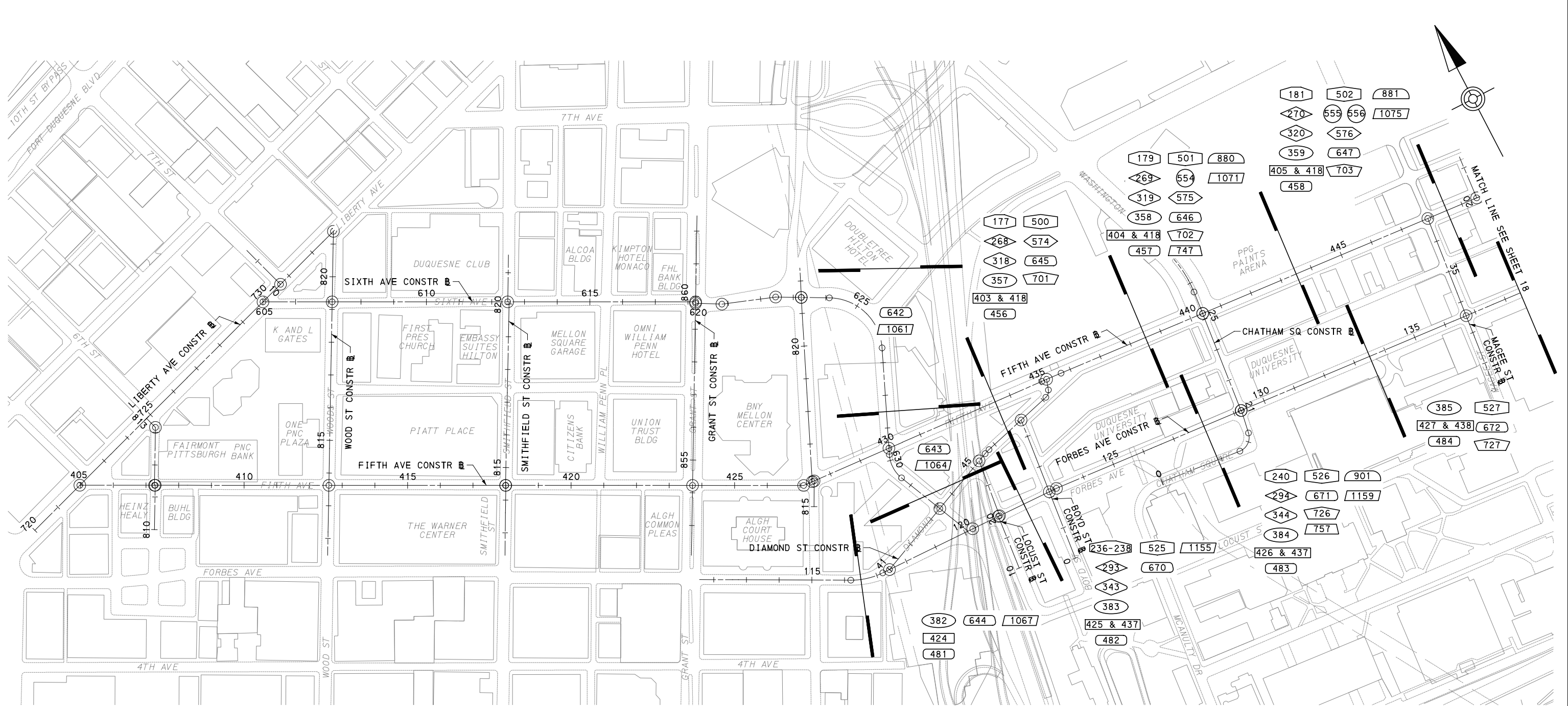
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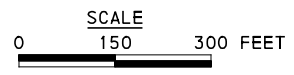
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BUS RAPID TRANSIT UPTOWN TO OAKLAND INDEX OF DRAWINGS	
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MATCH LINE SEE SHEET 18



LEGEND

INTERSECTION DETAILS	UTILITY PLANS	BUS STATION DRAINAGE TAP-IN PLANS
CIVIL LAYOUT PLANS	PWSA RELOCATION PLANS	CONTROL SYSTEMS PLANS
REMOVAL & ADJUSTMENTS PLANS	LANDSCAPING PLANS	SIGNAL PLANS
ROADWAY PLANS	SIGNING & PAVEMENT MARKING PLANS	STORMWATER MANAGEMENT PLANS
ROADWAY PROFILES	LIGHTING PLANS	SHEET BREAK
EROSION AND SEDIMENTATION CONTROL PLANS	ARCHITECTURAL PLANS	

FOR MAINTENANCE & PROTECTION OF TRAFFIC INDEX SEE SHEET 917

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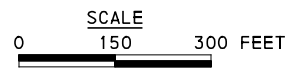
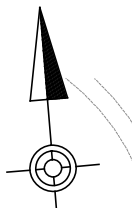
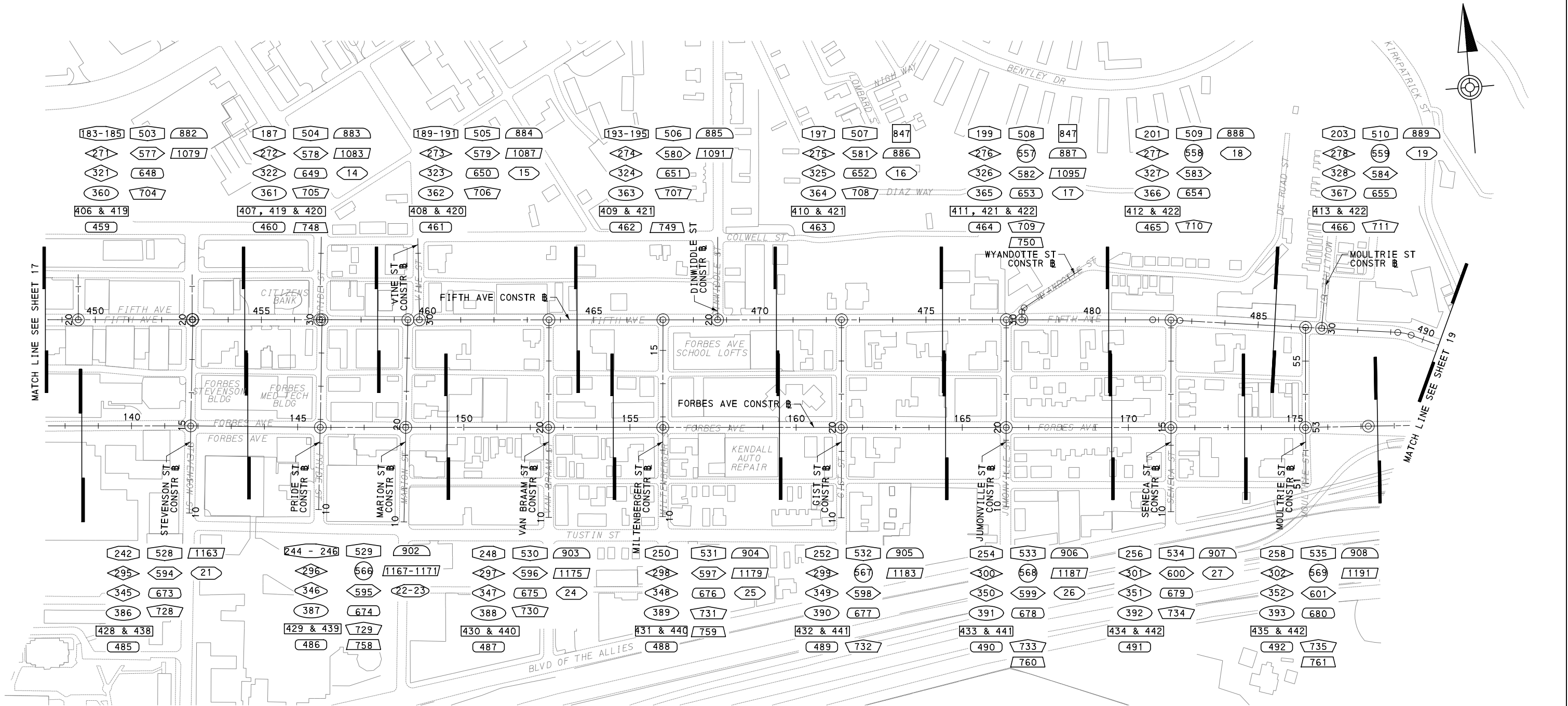
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 INDEX MAP
 DOWNTOWN TO UPTOWN

Port Authority connecting people to life

CONTRACT NO. BRT-001
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- LEGEND**
- INTERSECTION DETAILS
 - CIVIL LAYOUT PLANS
 - REMOVAL & ADJUSTMENTS PLANS
 - ROADWAY PLANS
 - ROADWAY PROFILES
 - EROSION AND SEDIMENTATION CONTROL PLANS
 - UTILITY PLANS
 - PWSA RELOCATION PLANS
 - LANDSCAPING PLANS
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 - BUS STATION DRAINAGE TAP-IN PLANS
 - CONTROL SYSTEMS PLANS
 - SIGNAL PLANS
 - STORMWATER MANAGEMENT PLANS
 - SHEET BREAK

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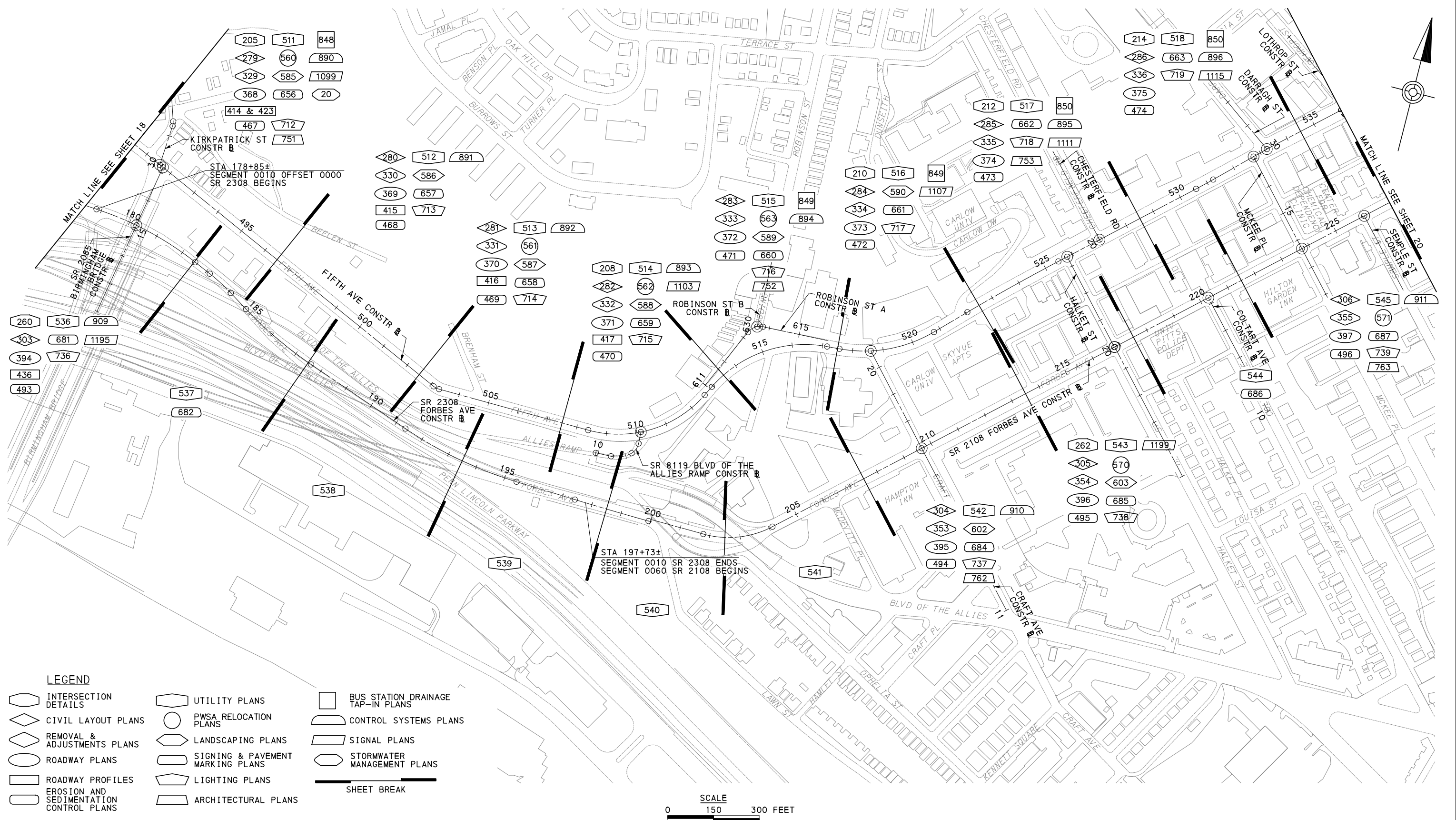
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 INDEX MAP UPTOWN

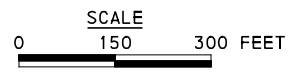
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LEGEND

	INTERSECTION DETAILS		UTILITY PLANS		BUS STATION DRAINAGE TAP-IN PLANS
	CIVIL LAYOUT PLANS		PWSA RELOCATION PLANS		CONTROL SYSTEMS PLANS
	REMOVAL & ADJUSTMENTS PLANS		LANDSCAPING PLANS		SIGNAL PLANS
	ROADWAY PLANS		SIGNING & PAVEMENT MARKING PLANS		STORMWATER MANAGEMENT PLANS
	ROADWAY PROFILES		LIGHTING PLANS		SHEET BREAK
	EROSION AND SEDIMENTATION CONTROL PLANS		ARCHITECTURAL PLANS		



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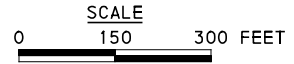
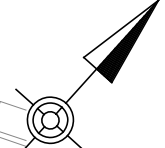
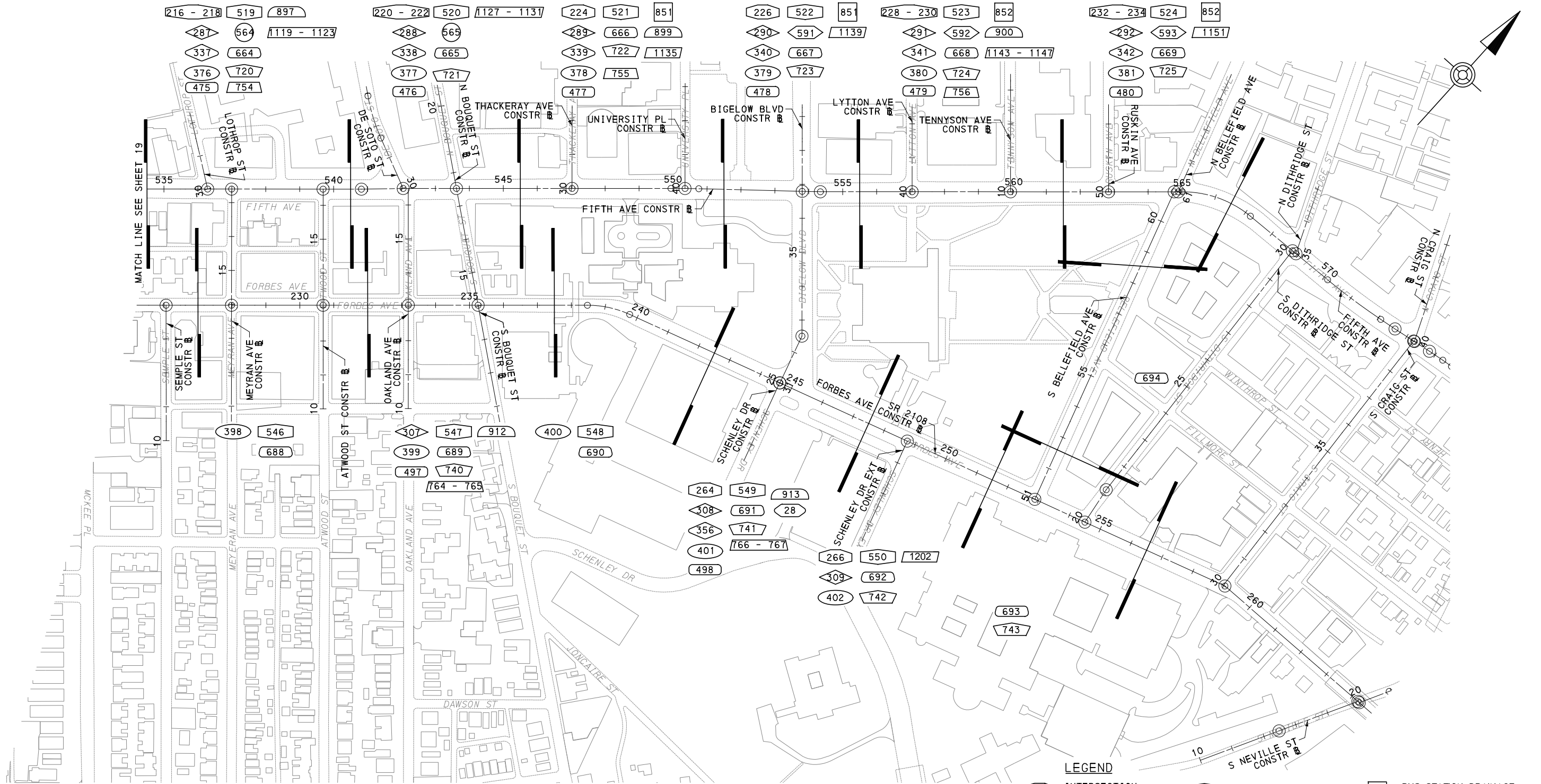
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BUS RAPID TRANSIT UPTOWN TO OAKLAND INDEX MAP UPTOWN TO OAKLAND	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. GN19	SHT. 19



LEGEND			
	INTERSECTION DETAILS		UTILITY PLANS
	CIVIL LAYOUT PLANS		PWSA RELOCATION PLANS
	REMOVAL & ADJUSTMENTS PLANS		LANDSCAPING PLANS
	ROADWAY PLANS		SIGNING & PAVEMENT MARKING PLANS
	ROADWAY PROFILES		LIGHTING PLANS
	EROSION AND SEDIMENTATION CONTROL PLANS		ARCHITECTURAL PLANS
	BUS STATION DRAINAGE TAP-IN PLANS		CONTROL SYSTEMS PLANS
	SIGNAL PLANS		STORMWATER MANAGEMENT PLANS
			SHEET BREAK

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BUS RAPID TRANSIT UPTOWN TO OAKLAND	
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
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UTILITY NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING ALL OVERHEAD AND UNDERGROUND UTILITY LOCATIONS WHERE CONSTRUCTION OCCURS. SPECIAL CARE SHALL BE TAKEN TO ENSURE THAT ALL UTILITIES ARE AVOIDED. UTILITY LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND NOT FOR CONSTRUCTION PURPOSES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AND OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPLY WITH ALL CURRENT PENNSYLVANIA UNDERGROUND FACILITIES LAWS. CALL PENNSYLVANIA 811 FOR FIELD LOCATION BY DIAL 811.
2. ALL UTILITY TRENCH BACKFILL AND COMPACTION INSPECTION OUTSIDE THE LIMITS OF DEDICATED STREET RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH CITY REGULATIONS
3. THE CONTRACTOR AND THEIR SUBCONTRACTORS PERFORMING WORK ON THIS PROJECT SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING ABOVE GROUND OR SUBSURFACE UTILITY FACILITIES RESULTING DIRECTLY OR INDIRECTLY FROM THEIR OPERATIONS, WHETHER OR NOT SUCH FACILITIES ARE SHOWN ON THE PLANS.
4. PRIOR TO BEGINNING CONSTRUCTION WORK WHICH COULD DAMAGE OR CONFLICT WITH UNDERGROUND STRUCTURES OR UTILITIES, THE CONTRACTOR SHALL EXCAVATE INSPECTION HOLES TO DETERMINE THE LOCATION AND DEPTH OF SAID STRUCTURES AND UTILITIES. IF EXISTING UTILITIES OR OTHER FACILITIES CONFLICT WITH THE PROPOSED IMPROVEMENTS, WORK SHALL STOP AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
5. ADJUST NEW AND EXISTING SANITARY OR COMBINATION MANHOLES TO GRADE. COORDINATE WITH PUBLIC OR PRIVATE UTILITY OWNERS FOR THE ADJUSTMENT OF ALL OTHER MANHOLES, VALVES, JUNCTION BOXES AND HANDHOLES.
6. UTILITIES SHALL BE INSTALLED, TESTED, AND APPROVED PRIOR TO STREET PAVING. THE CONTRACTOR SHALL CONTACT THE APPROPRIATE SERVING UTILITY COMPANY AND VERIFY THAT THE UTILITY FACILITY IS IN PLACE BEFORE PAVING.
7. DO NOT DISCONNECT UTILITY SERVICES FROM RESIDENTIAL OR COMMERCIAL CUSTOMERS WITHOUT GIVING 72 HOURS NOTICE EXCEPT IN CASES OF AN EMERGENCY. SEE SECTION 01712 FOR ADDITIONAL NOTIFICATION REQUIREMENTS.
8. COORDINATE WITH THE UTILITY OWNER ANY SEASONAL RESTRICTIONS REGARDING DISCONNECTION OF UTILITY SERVICE.
9. ALL UTILITIES SHOWN ARE QUALITY LEVEL "D" (QL-D) UNLES OTHERWISE NOTED.
10. THE CONTRACTOR AT ITS OWN EXPENSE, SHALL LOCATE ALL UNDERGROUND AND OVERHEAD INTERFEENCES WHICH MAY AFFECT ITS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
11. TAKE MEASURES NECESSARY TO PROTECT EXISTING LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE FROM DAMAGE AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE REPAIRED OR REPLACED SATISFACTORILY TO THE ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
12. THE EXISTANCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN IN THE THESE PLANS ARE OBTAINED BY INFORMATION PROVIDED TO THE DESIGNER BY THE UTILITY COMPANY OR THROUGH OR BY QL-B METHODS. EXISTING UTILITIES ARE LOCATED ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS.

LEGEND

- DRAINAGE STRUCTURE IDENTIFICATION
- DEDICATED BUS LANE
- LANDSCAPING AREAS
- GI BIORETENTION OR BIOSWALE (SEE SWM PLANS)
- CURB RAMP
- DETECTABLE WARNING SURFACE
- TO BE RELOCATED BY THE UTILITY COMPANY
- RELOCATE EXISTING MANHOLE (BY OTHERS)
- GRADE ADJUST EXISTING MANHOLE (BY OTHERS)
- RELOCATE EXISTING PWSA MANHOLE
- GRADE ADJUST EXISTING PWSA MANHOLE
- RELOCATE EXISTING VALVE/UTILITY BOX
- GRADE ADJUST EXISTING VALVE/UTILITY BOX
- UTILITY TO BE ABANDONED (BY UTILITY COMPANY)
- LIGHTING CONDUIT ENCASEMENT
- PROPOSED CELL POLE - BY UTILITY
- PROPOSED POLE - BY DLC
- MAST ARM
- SIGNAL CONDUIT
- PROPOSED DRAINAGE PIPE AND SIZE
- PROPOSED WATER
- PROPOSED ELECTRIC UNDER, BY DLC
- PROPOSED GAS, BY PEOPLE'S GAS
- UNDERGROUND TELEPHONE
- GAS (PEOPLES)
- WATER (PWSA)
- UNDERGROUND ELECTRIC (DUQUENSE LIGHT)
- SEWER AND DRAIN LINES (PWSA)
- ABOVE GROUND FIBER OPTIC (CROWN CASTLE)
- FIBER OPTIC (VERIZON)
- FIBER OPTIC (CROWN CASTLE)
- ELECTRIC OVERHEAD
- ELECTRIC AND COMMUNICATION OVERHEAD
- COMMUNICATION OVERHEAD
- CLEARVIEW ELECTRIC LINES
- CHILLED WATER

- STEAMED WATER
- QUALITY LEVEL B
- QUALITY LEVEL D
- UTILITY VAULT
- BILLBOARD
- GUIDERRAIL
- TREE/TREE PIT
- BUS SHELTER
- FIRE HYDRANT
- BIKE RACK
- FENCE
- FENCE
- PARKING METER
- WATER VALVE
- WATER VALVE
- GAS VALVE
- MAN HOLE
- LIGHT POLE
- POST
- ASH TRAY
- SIGN
- TRASH CAN
- TRAFFIC SIGNAL
- JUNCTION BOX
- MAILBOX
- UTILITY VALVE
- LIGHT POST
- UTILITY POLE
- ELECTRICAL BOX
- UTILITY BOX
- NEWSPAPER DISPENSER
- RECYCLING CAN
- FLAGPOLE
- CONCRETE SLAB
- PLANTER
- BENCH
- UTILITY POLE

- TRAFFIC LIGHTPOLE
- ELECTRIC MANHOLE
- WATER MANHOLE
- TELEPHONE MANHOLE
- DEPARTMENT OF PUBLIC WORKS MANHOLE
- ELECTRIC MANHOLE
- SEWER MANHOLE

*FOR ITEMS NOT SHOWN, SEE ROADWAY LEGEND



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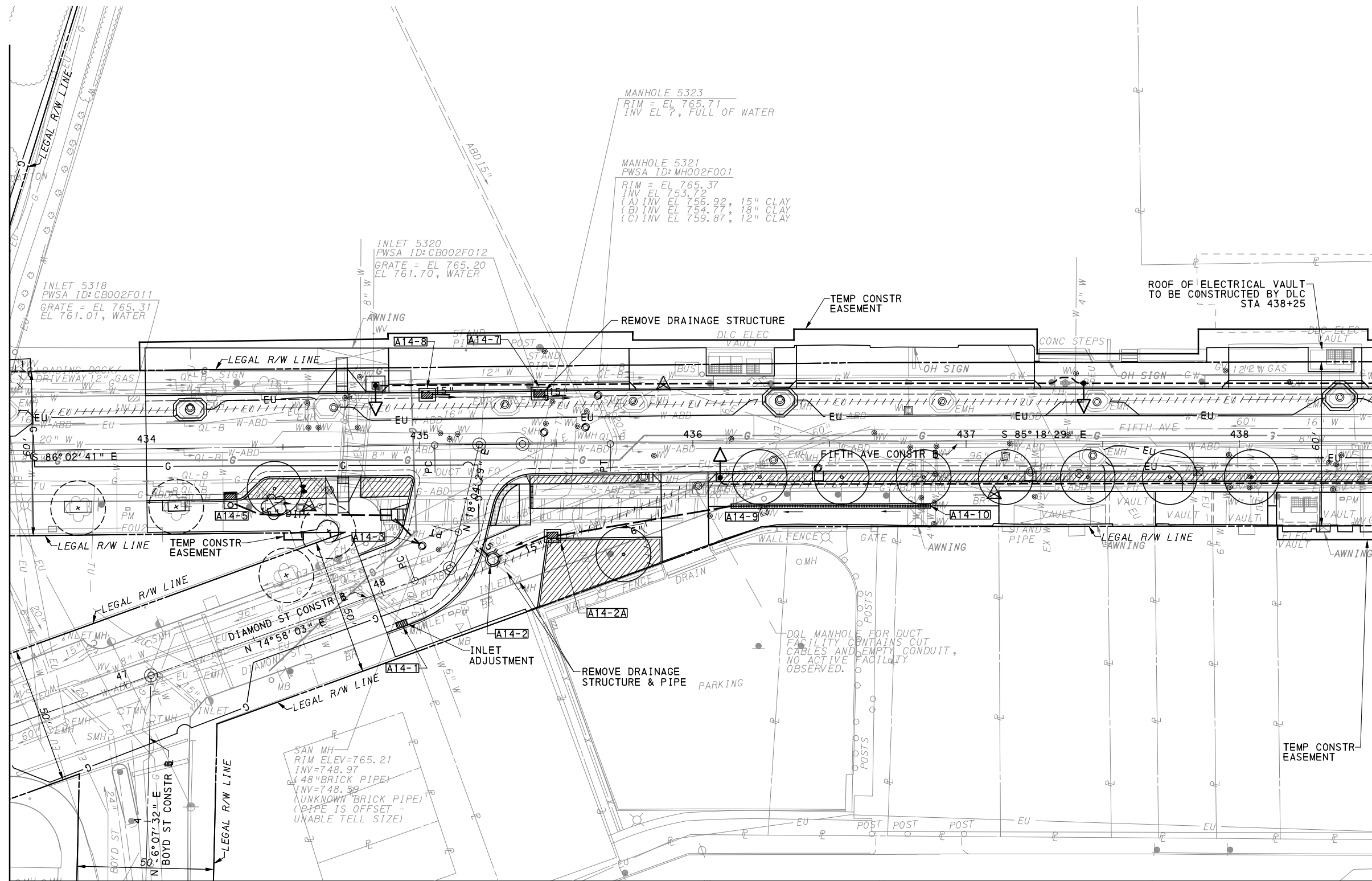
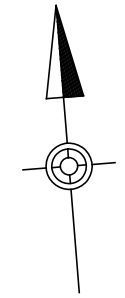
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
GENERAL NOTES & UTILITY LEGENDS

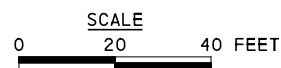
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[FOR ROADWAY PLAN SEE SHEET 357]



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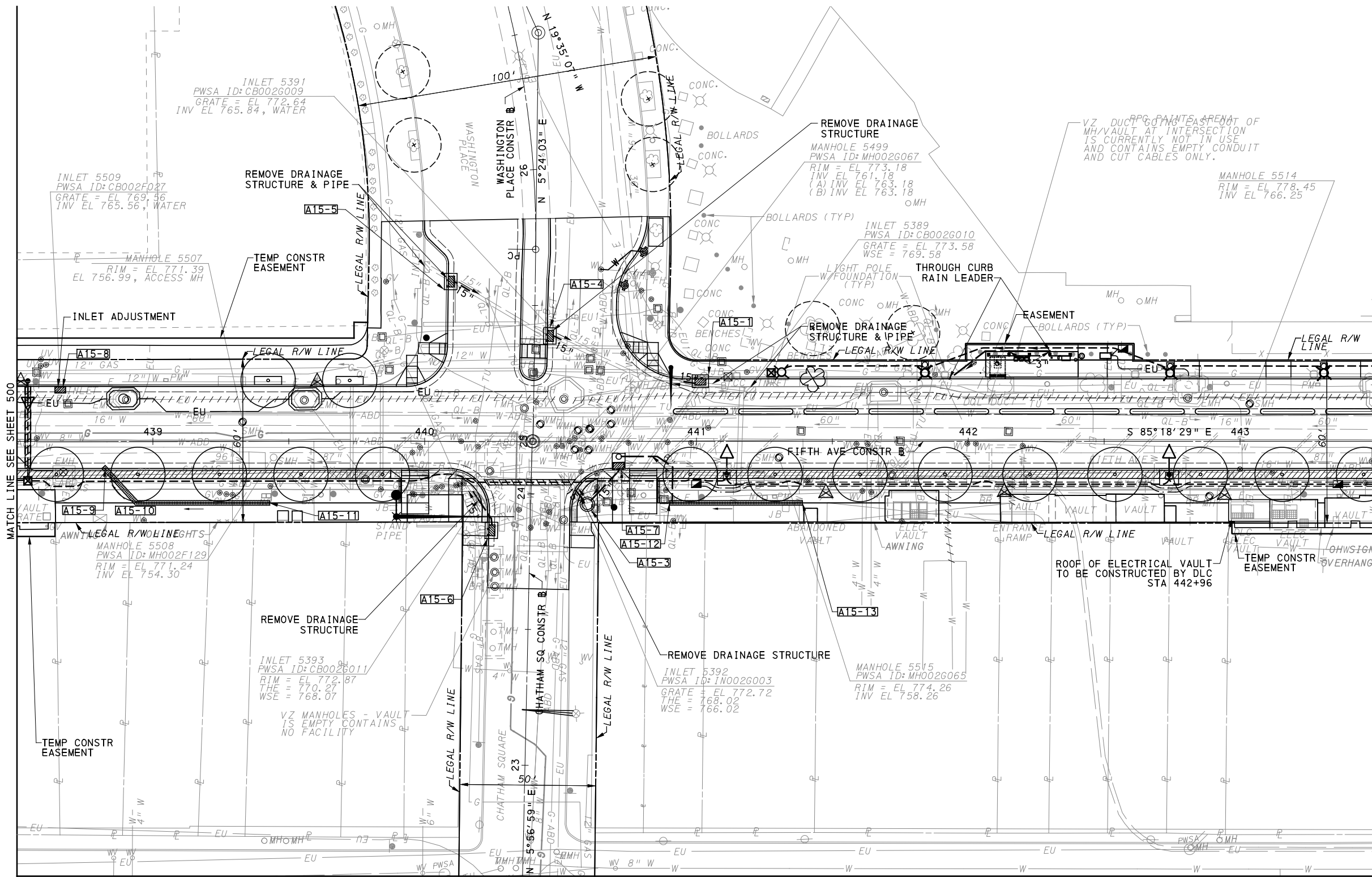
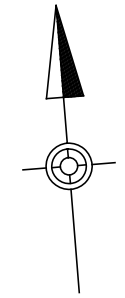
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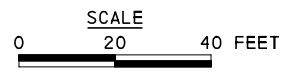
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 433+50 TO STA 438+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT2 SHT. 500



MATCH LINE SEE SHEET 526



[FOR ROADWAY PLAN SEE SHEET 358]

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

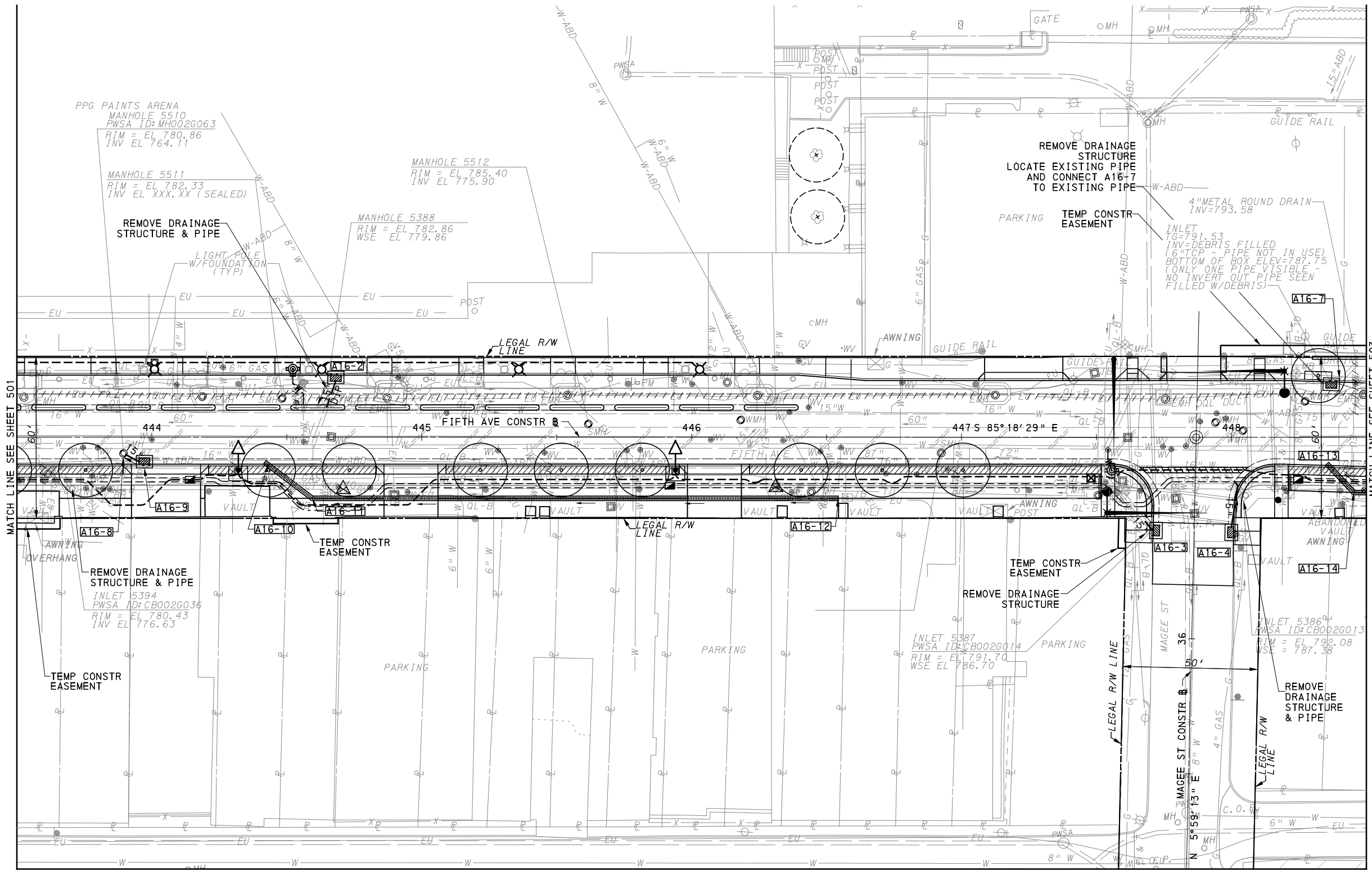
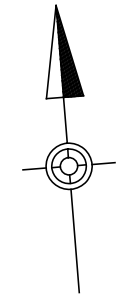
NO.	DATE	DESCRIPTION
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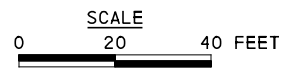
(NOT FOR CONSTRUCTION)

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IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 438+50 TO STA 443+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT3 SHT. 501



MATCH LINE SEE SHEET 527



[FOR ROADWAY PLAN SEE SHEET 359]

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(NOT FOR CONSTRUCTION)

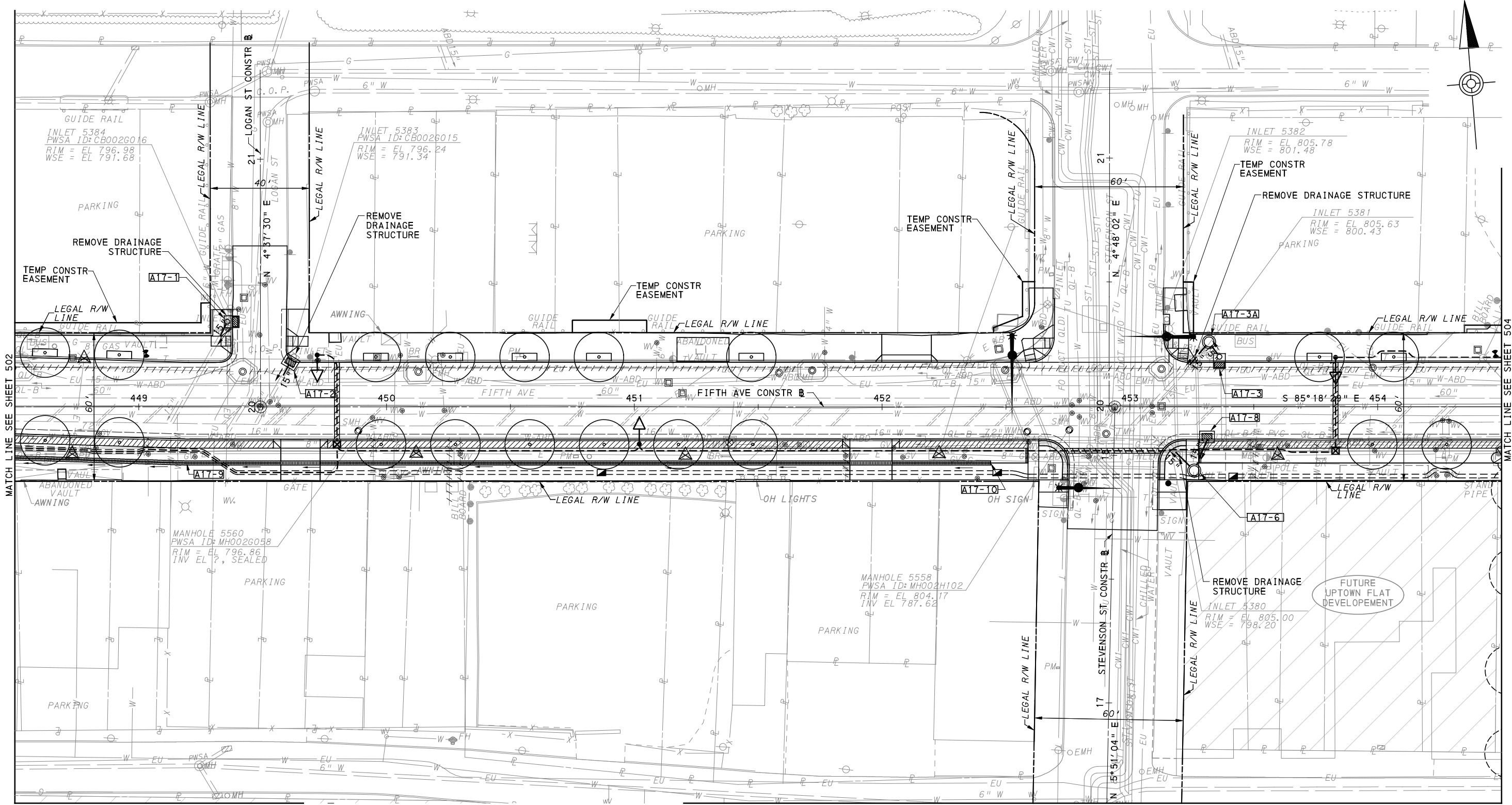
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CHECKED	TKF
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

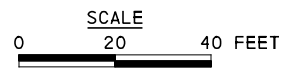
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 443+50 TO STA 448+50

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CONTRACT NO. BRT-001
DWG. NO. UT4
SHT. 502



MATCH LINE SEE SHEET 528



AECOM
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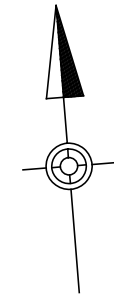
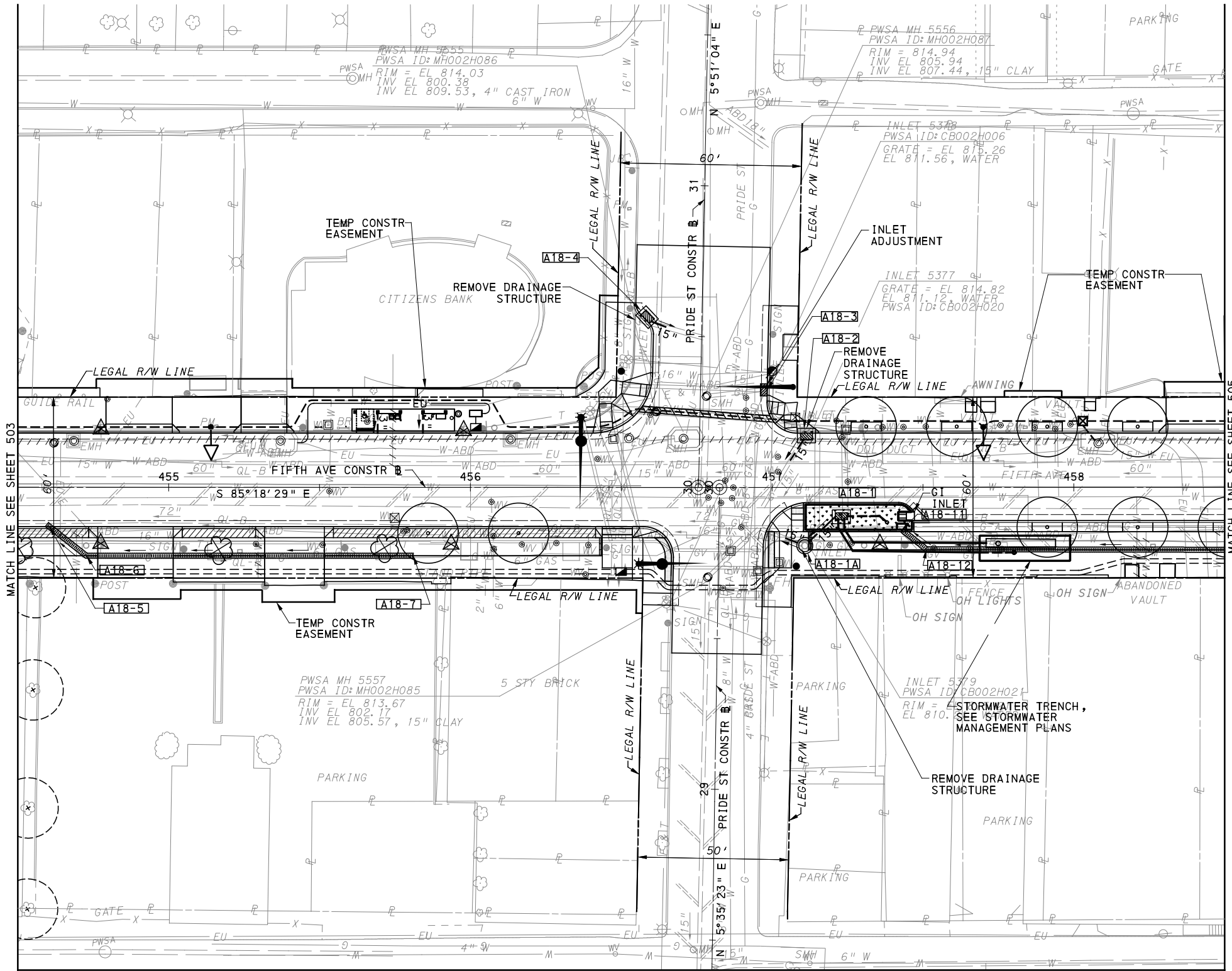
NO.	DATE	DESCRIPTION
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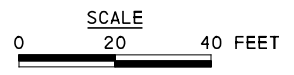
(NOT FOR CONSTRUCTION)

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IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

(FOR ROADWAY PLAN SEE SHEET 360)		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 448+50 TO STA 454+50		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. UT5	SHT. 503



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DATE	05/01/24
SCALE	AS SHOWN

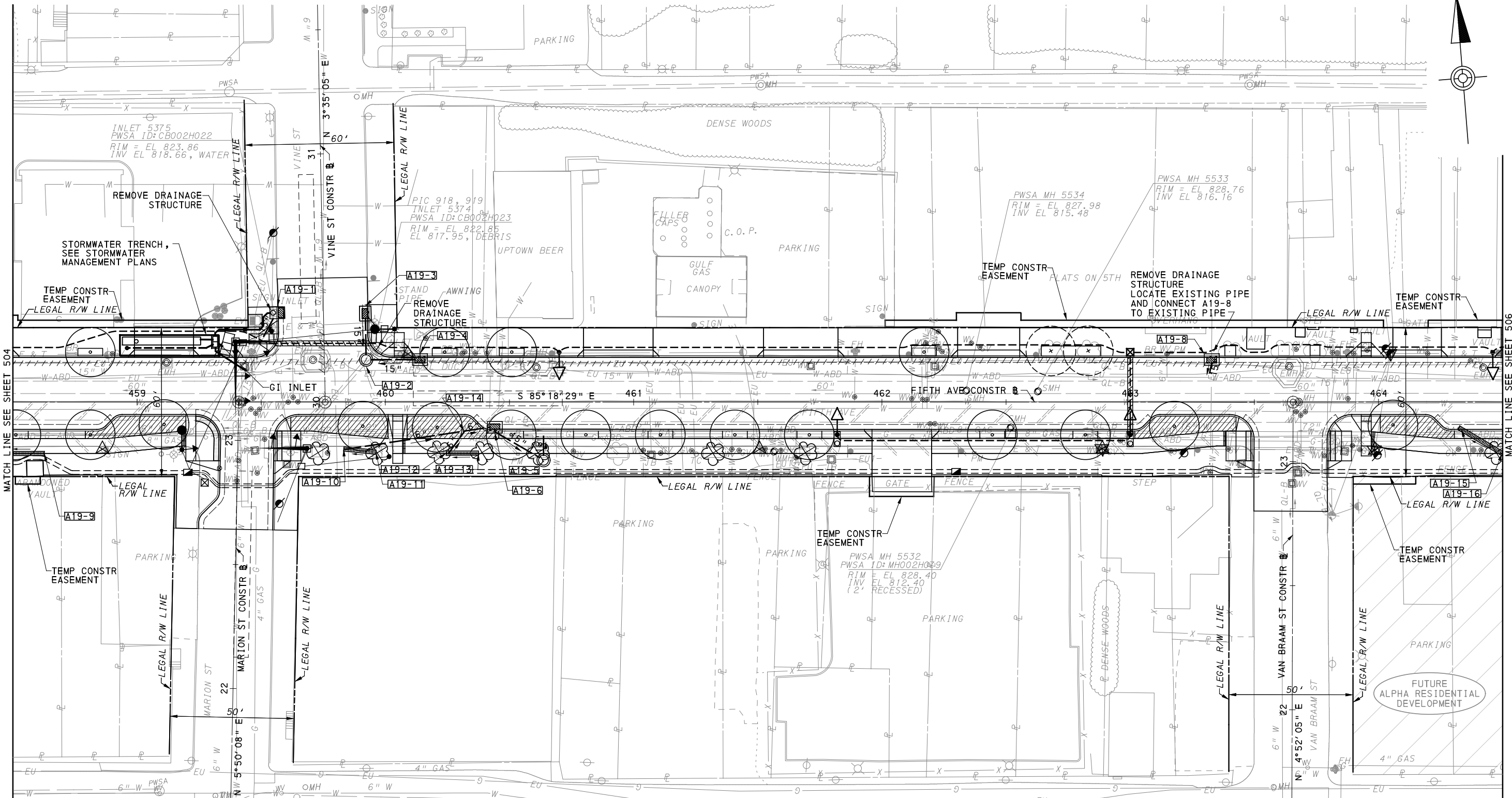
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

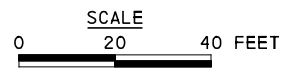
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 454+50 TO STA 458+50

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DWG. NO. UT6	SHT. 504



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CHECKED	TKF
IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

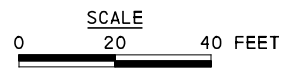
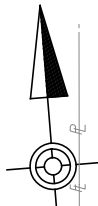
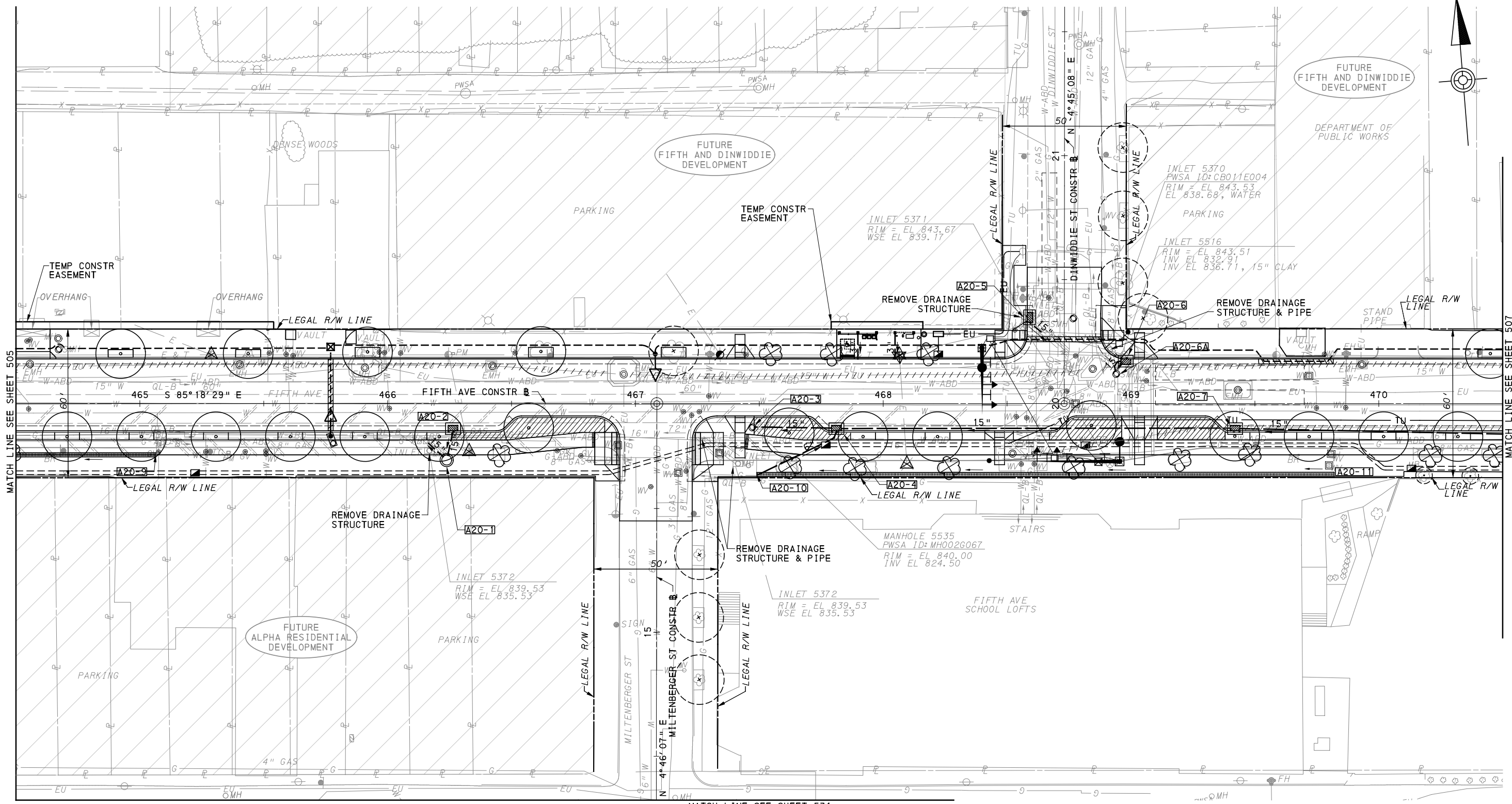
(FOR ROADWAY PLAN SEE SHEET 362)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 458+50 TO STA 464+50

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DWG. NO. UT7	SHT. 505



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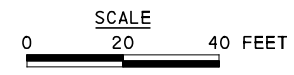
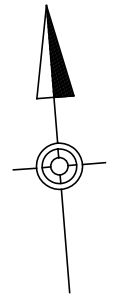
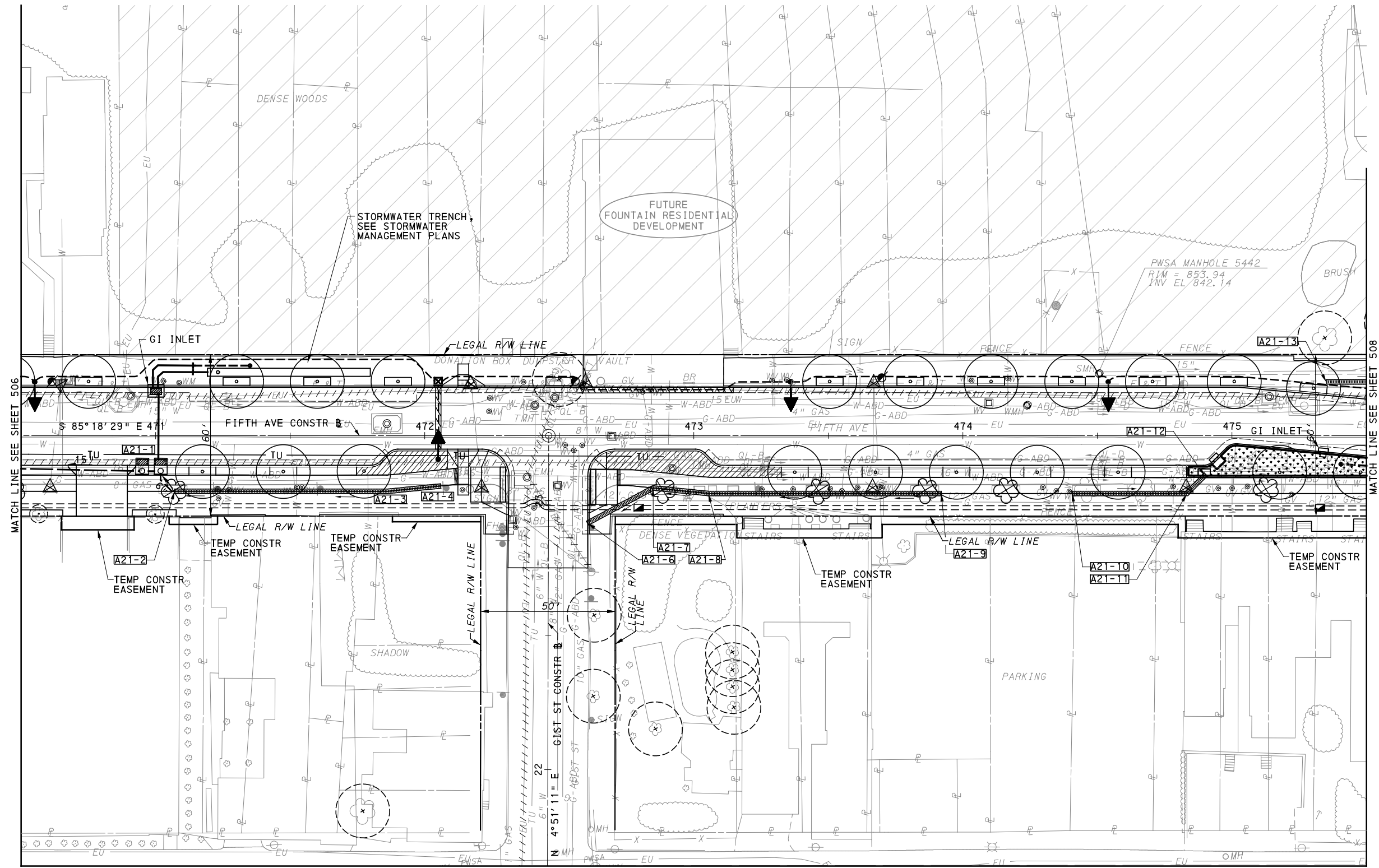
(FOR ROADWAY PLAN SEE SHEET 363)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 464+50 TO STA 470+50

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CONTRACT NO. BRT-001
DWG. NO. UT8
SHT. 506



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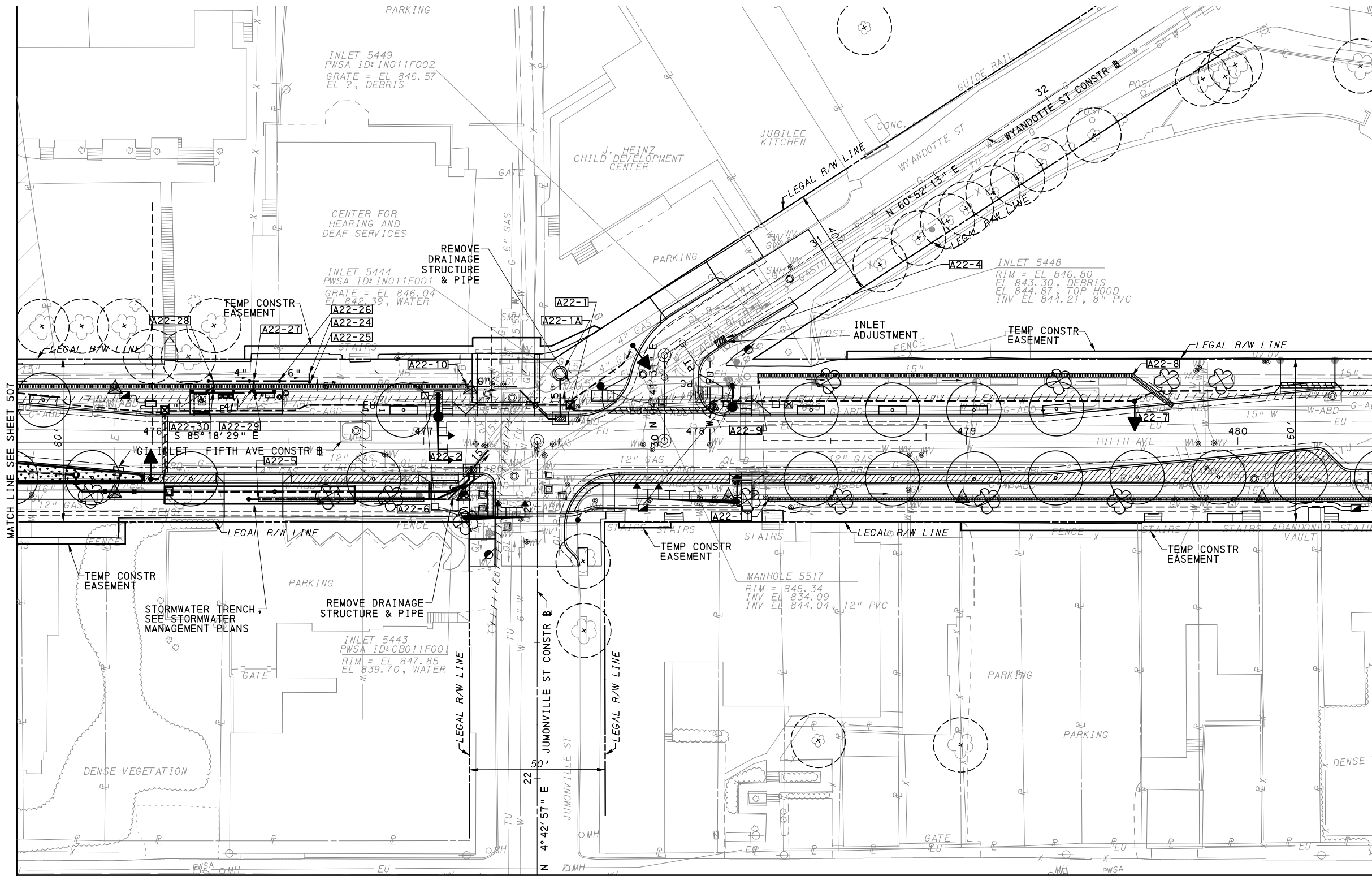
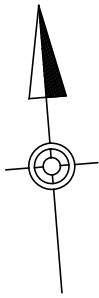
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SCALE	AS SHOWN

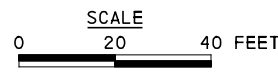
(FOR ROADWAY PLAN SEE SHEET 364)		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 470+50 TO STA 475+50		
Port Authority connecting people to life™		CONTRACT NO. BRT-001
DWG. NO. UT9	SHT. 507	



MATCH LINE SEE SHEET 507

MATCH LINE SEE SHEET 509

MATCH LINE SEE SHEET 533



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DATE	05/01/24
SCALE	AS SHOWN

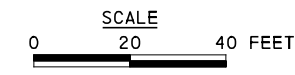
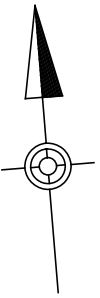
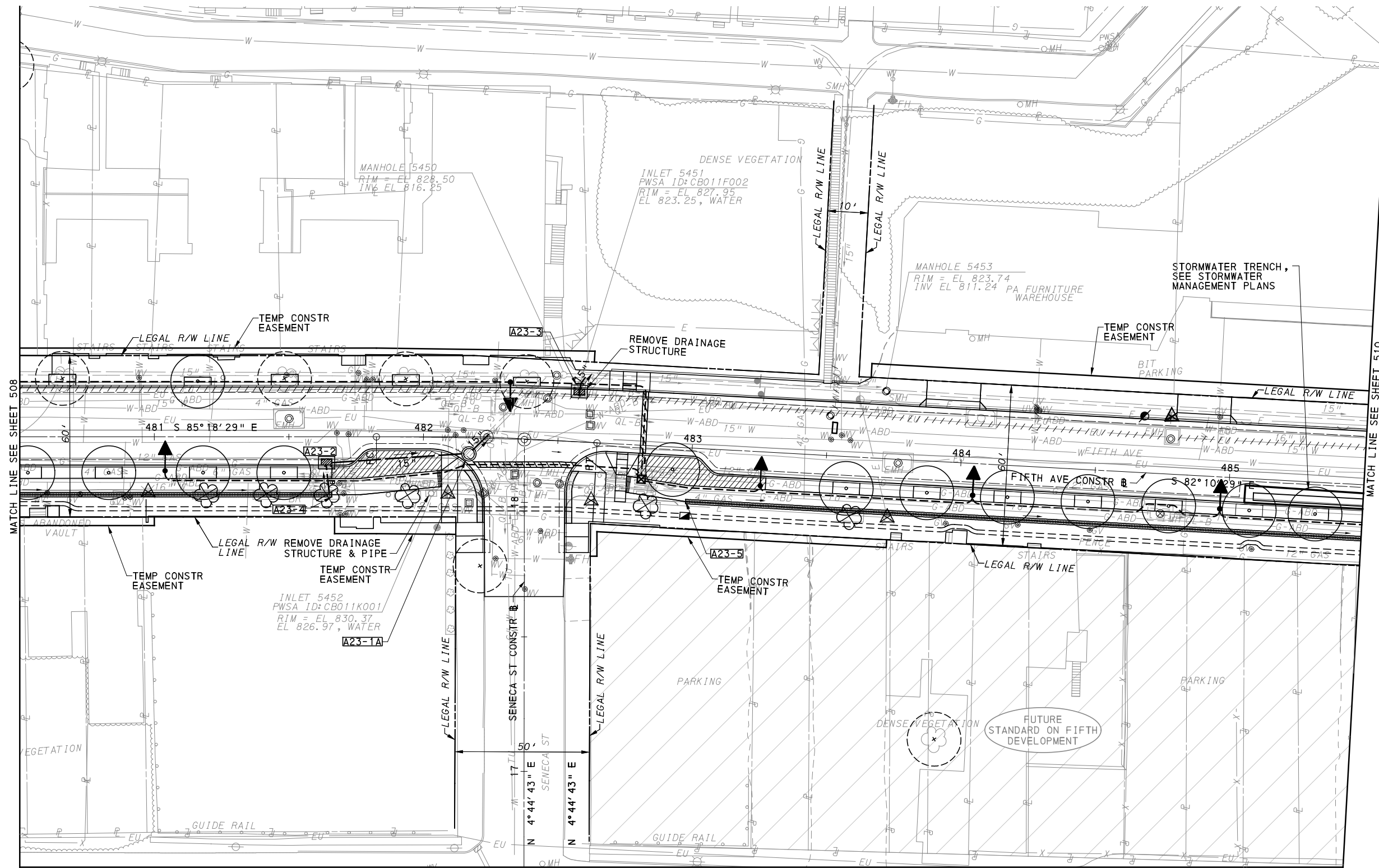
(FOR ROADWAY PLAN SEE SHEET 365)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 475+50 TO STA 480+50

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CONTRACT NO. BRT-001	
DWG. NO. UT10	SHT. 508



[FOR ROADWAY PLAN SEE SHEET 366]

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Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

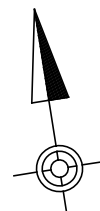
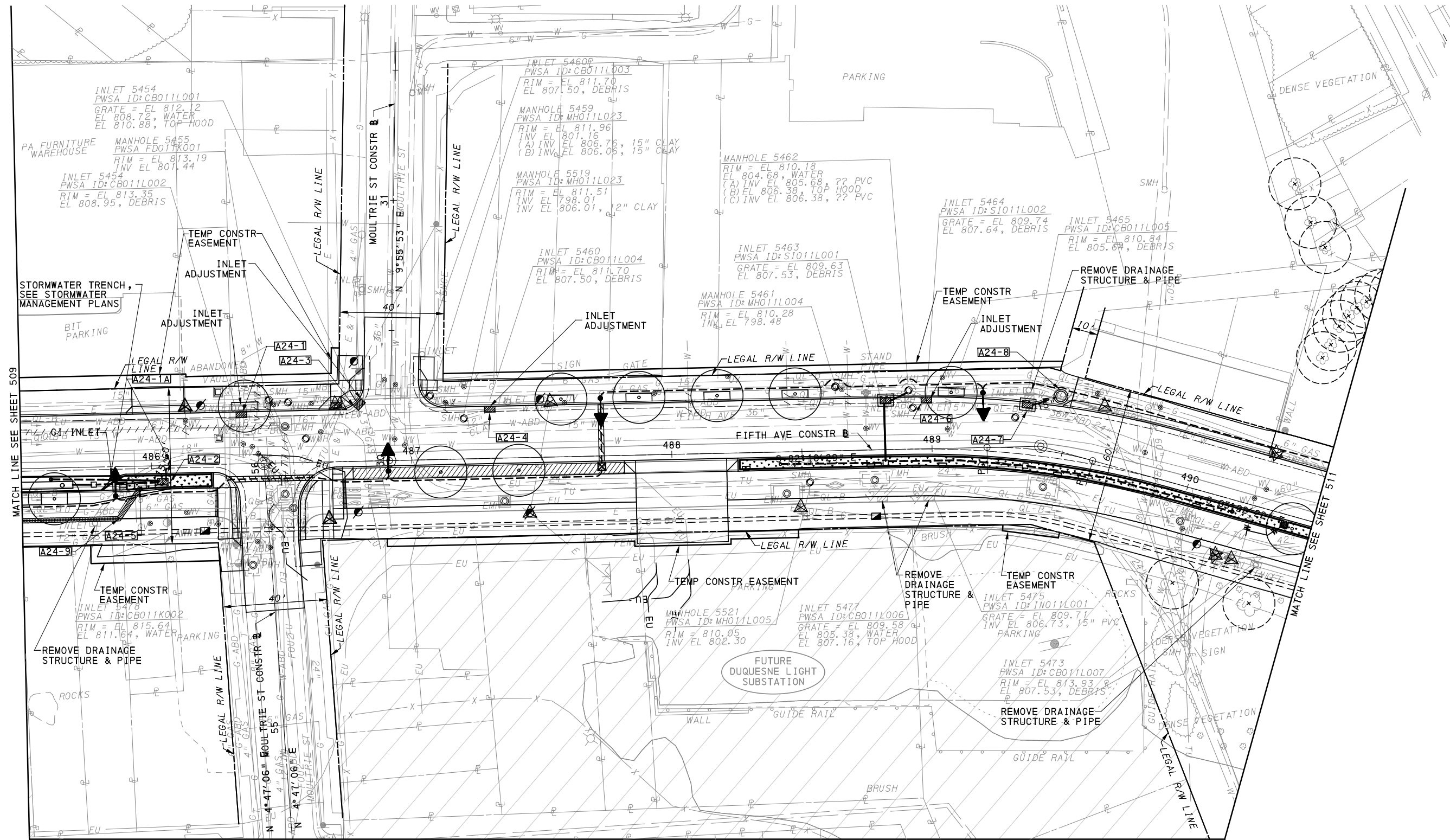
NO.	DATE	DESCRIPTION
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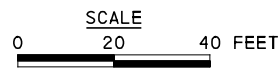
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IN CHARGE	LAR
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 480+50 TO STA 485+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT11 SHT. 509



MATCH LINE SEE SHEET 535



(FOR ROADWAY PLAN SEE SHEET 367)

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 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

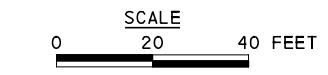
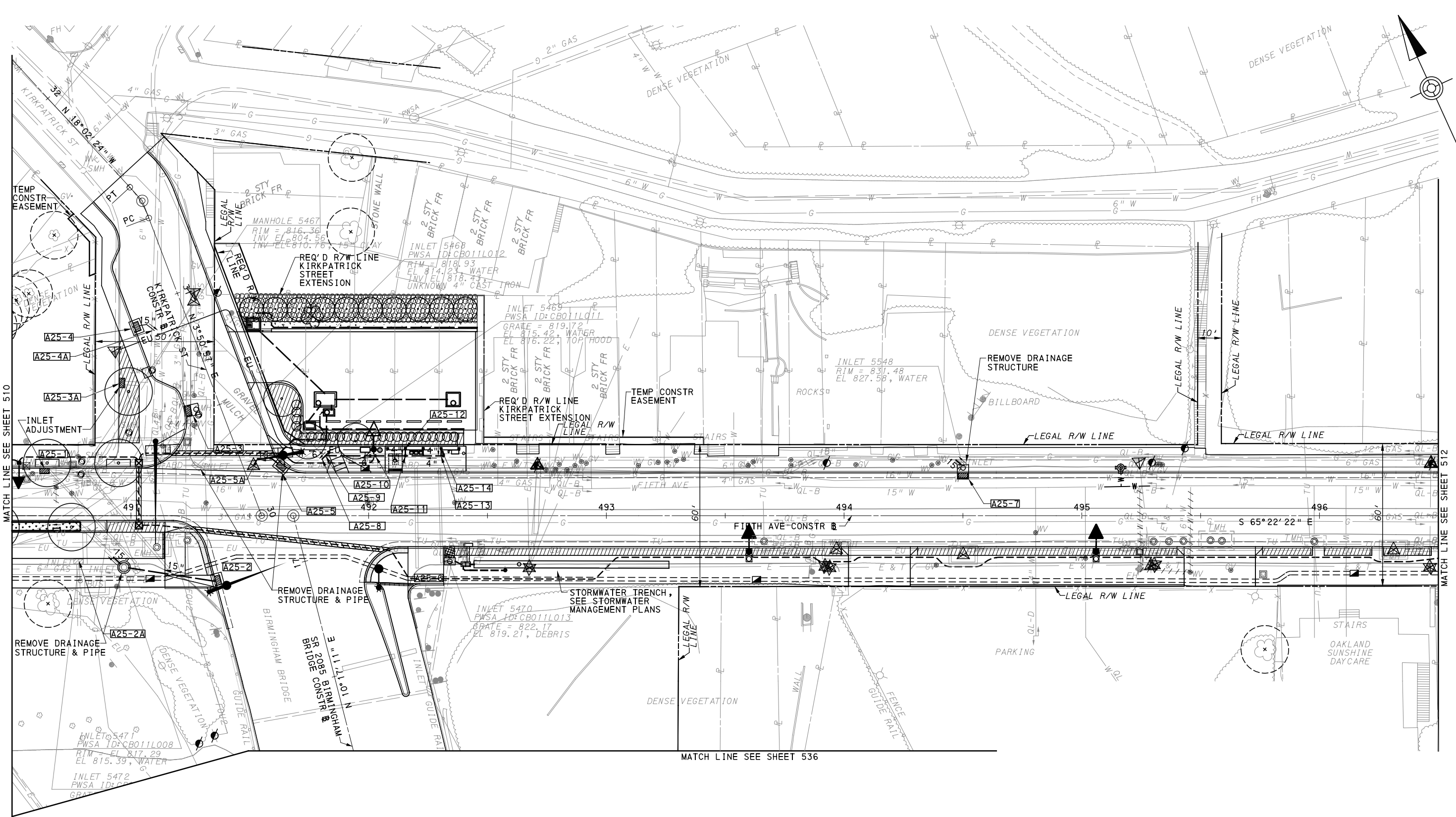
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 485+50 TO STA 490+50	
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(NOT FOR CONSTRUCTION)

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DATE	05/01/24
SCALE	AS SHOWN

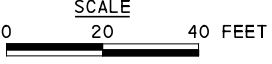
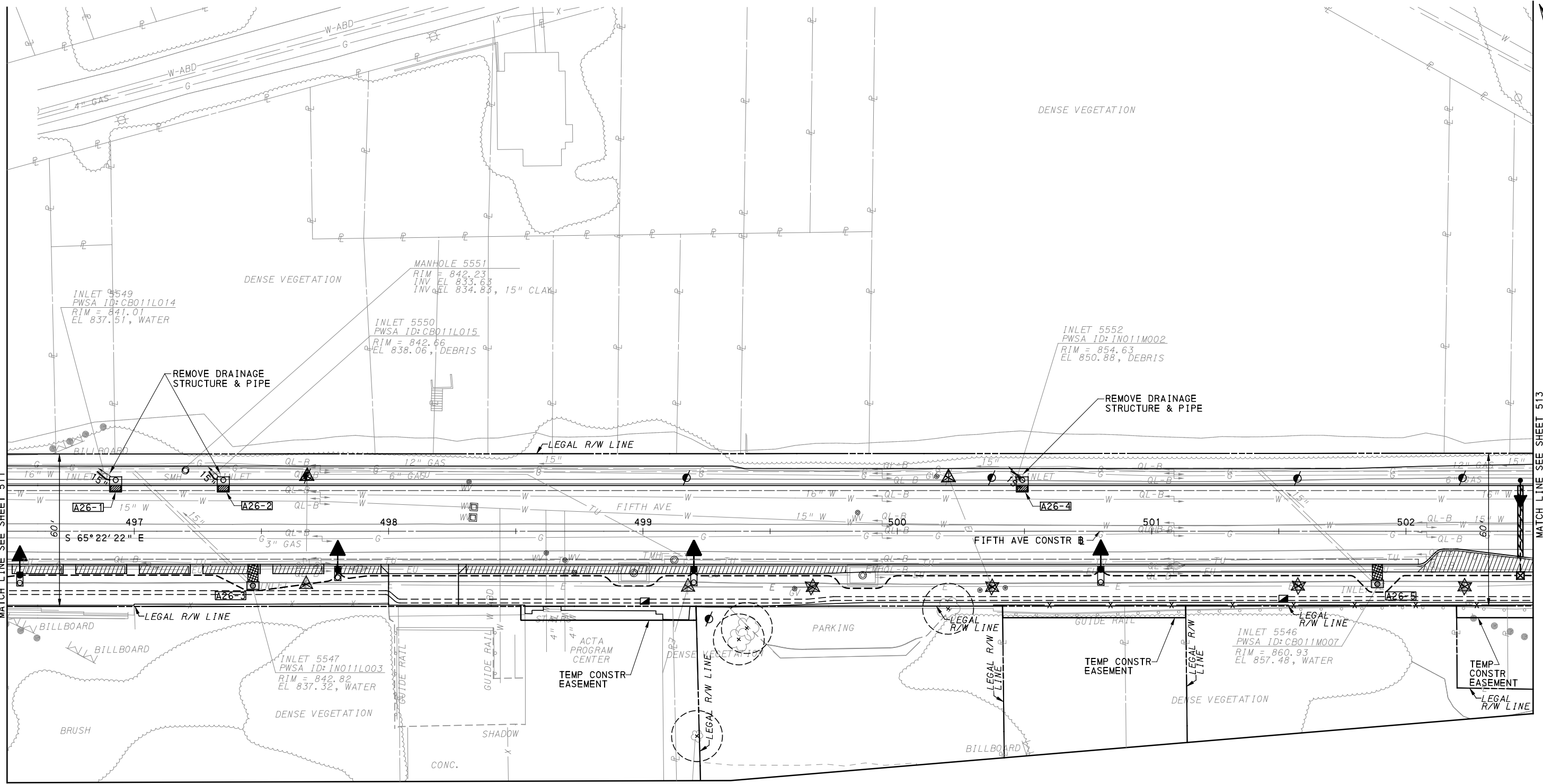
(FOR ROADWAY PLAN SEE SHEET 368)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 490+50 TO STA 496+50

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CONTRACT NO. BRT-001
DWG. NO. UT13
SHT. 511



[FOR ROADWAY PLAN SEE SHEET 369]

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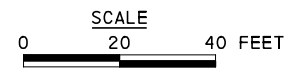
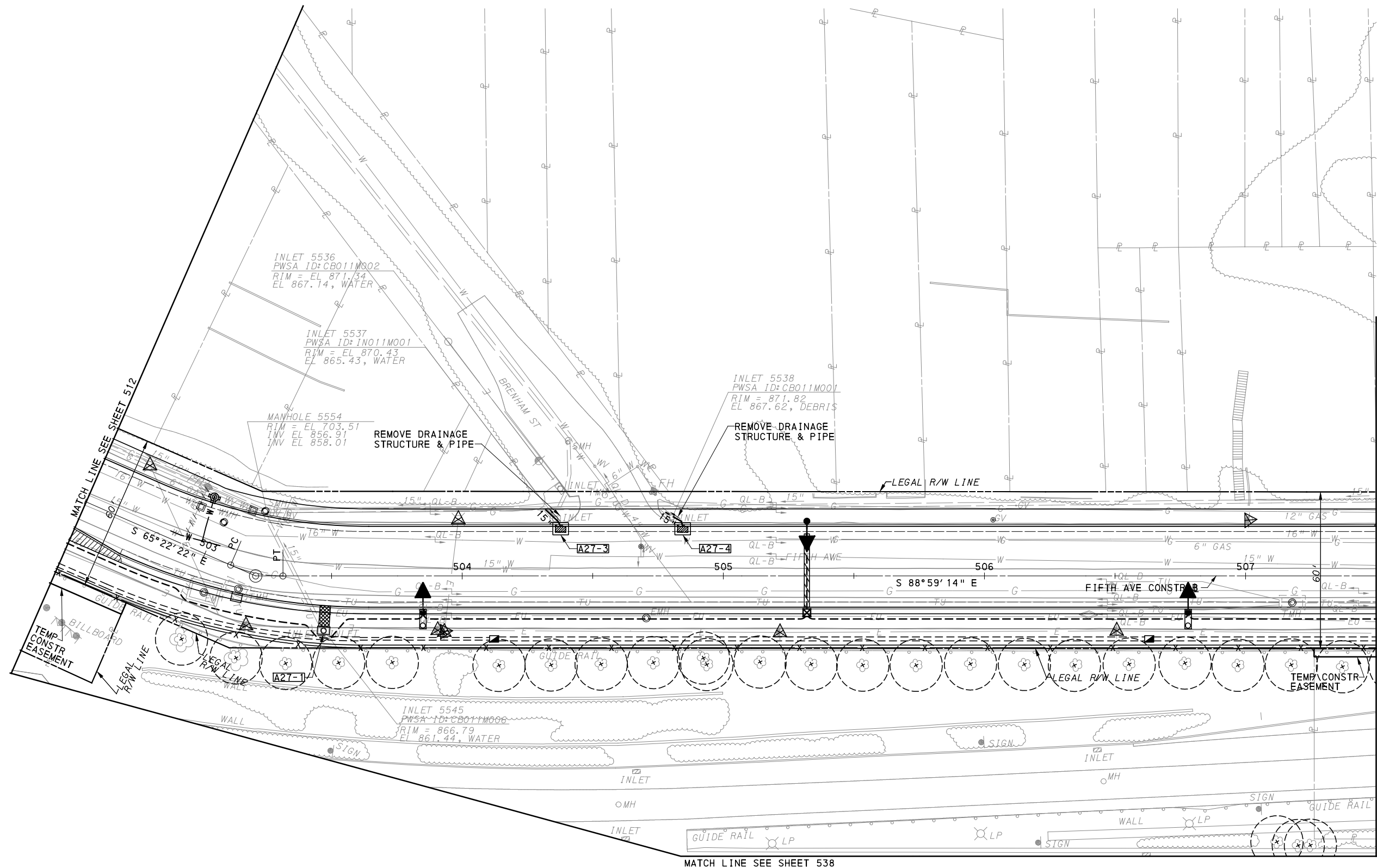
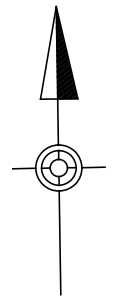
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IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 496+50 TO STA 502+50

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CONTRACT NO. BRT-001	
DWG. NO. UT14	SHT. 512



[FOR ROADWAY PLAN SEE SHEET 370]

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(NOT FOR CONSTRUCTION)

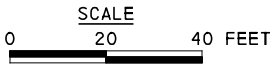
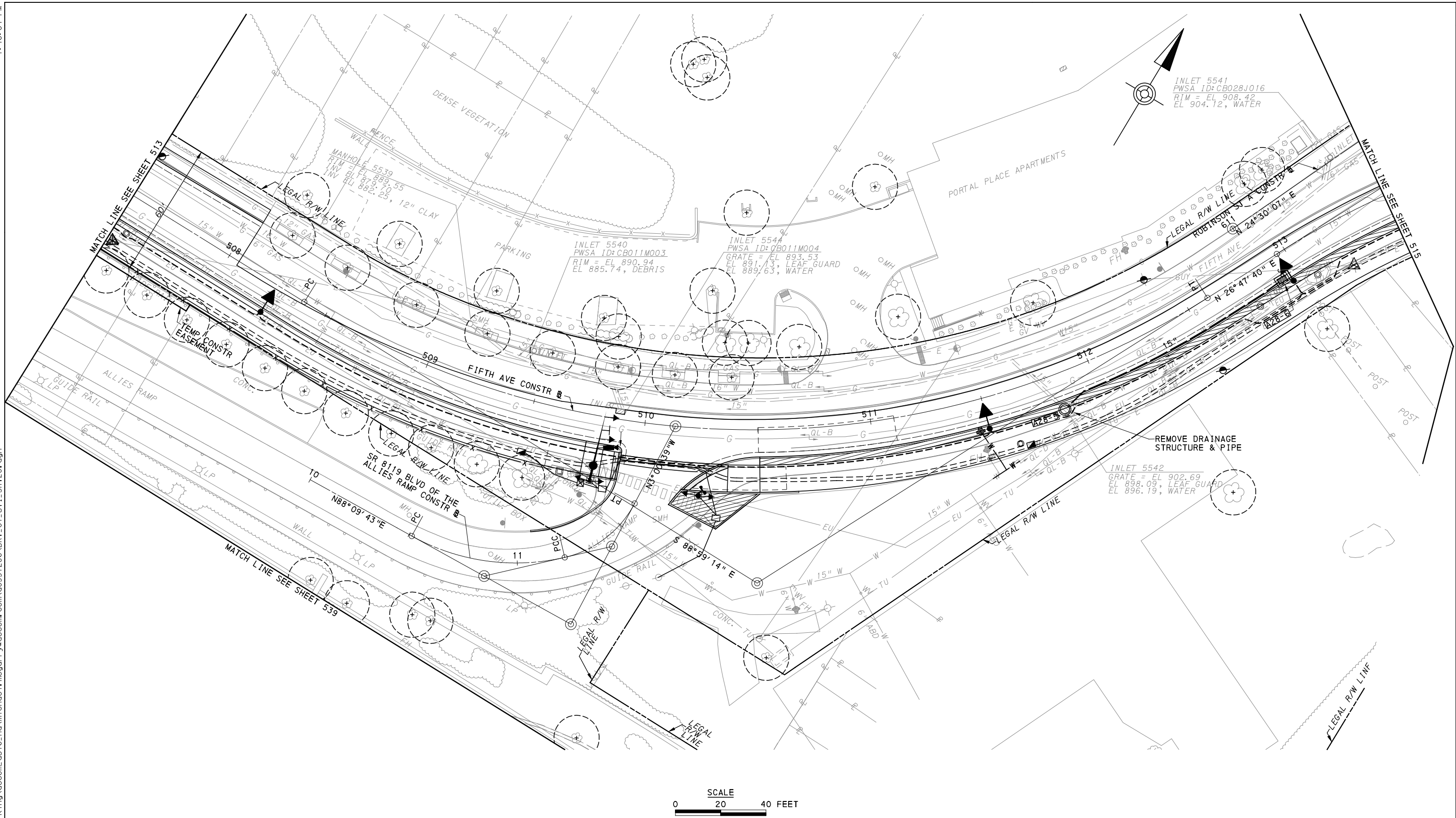
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DRAWN	SS
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IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 502+50 TO STA 507+50

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CONTRACT NO. BRT-001	
DWG. NO. UT15	SHT. 513



(FOR ROADWAY PLAN SEE SHEET 371)



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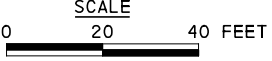
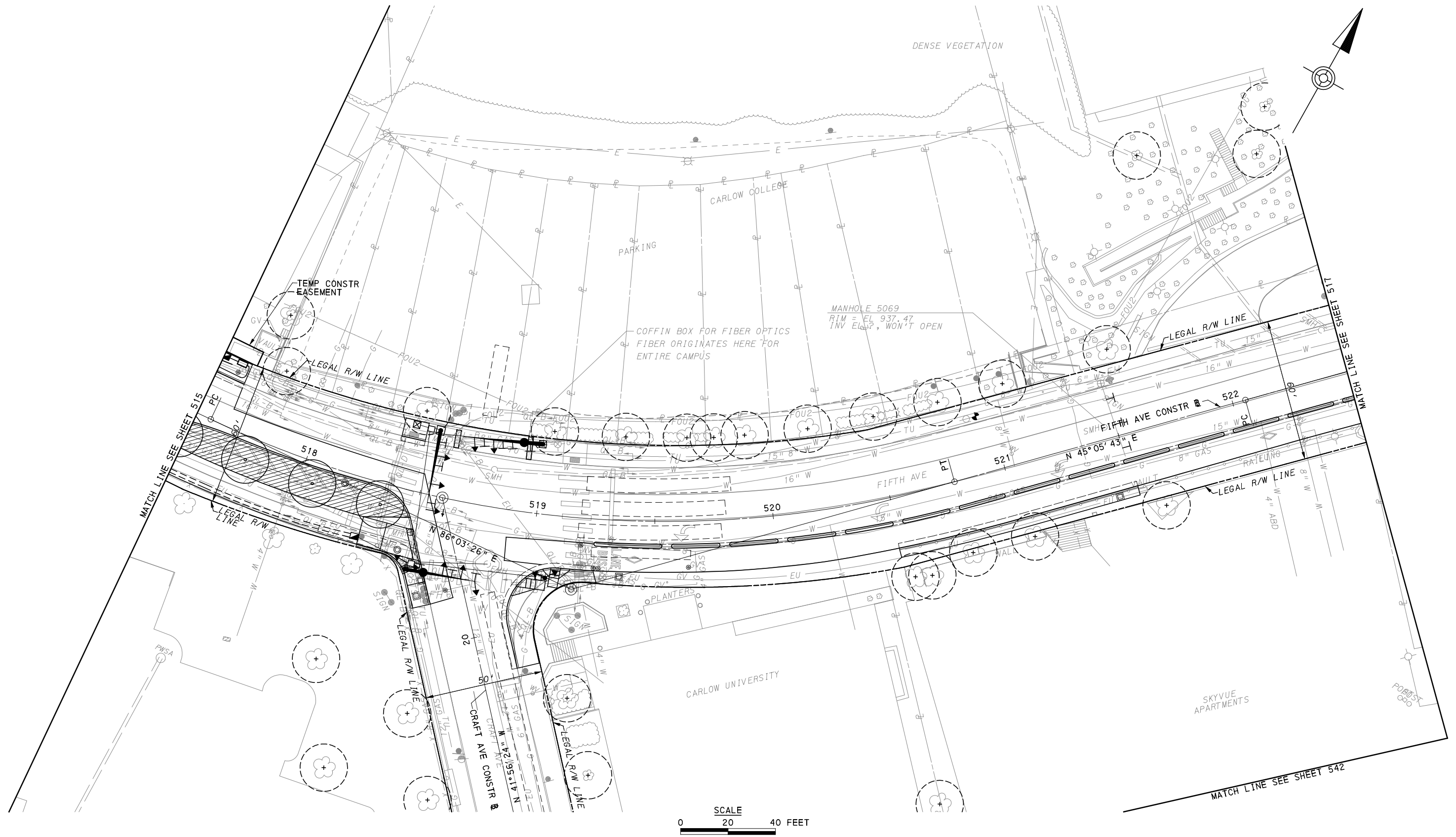
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 507+50 TO STA 513+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT16 SHT. 514



[FOR ROADWAY PLAN SEE SHEET 373]



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Pittsburgh, PA 15219

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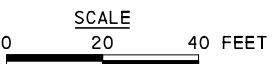
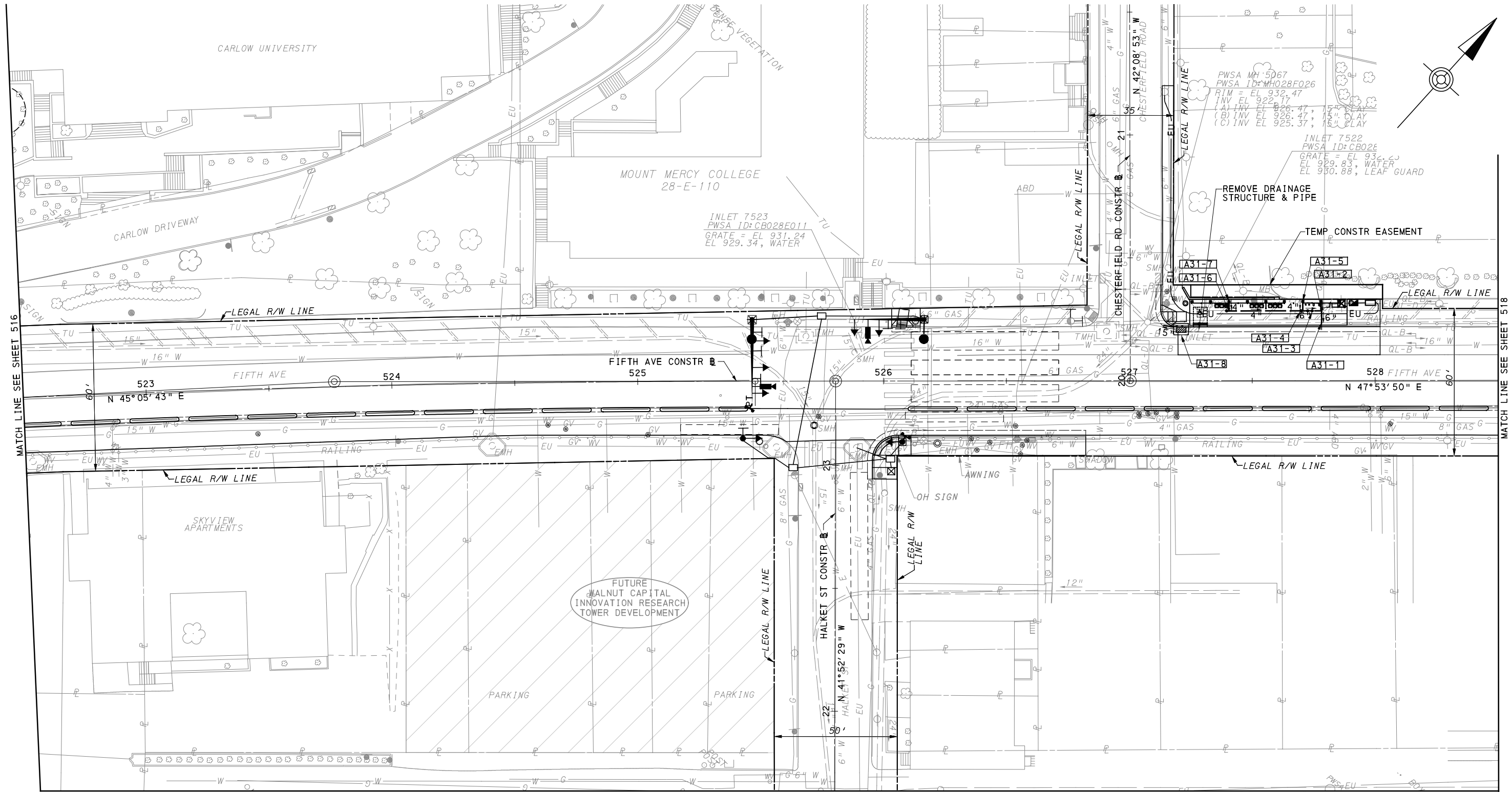
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IN CHARGE	LAR
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FIFTH AVE - STA 517+50 TO STA 522+50

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CONTRACT NO. BRT-001	
DWG. NO. UT18	SHT. 516



FOR ROADWAY PLAN SEE SHEET 374

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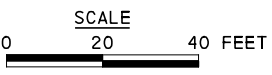
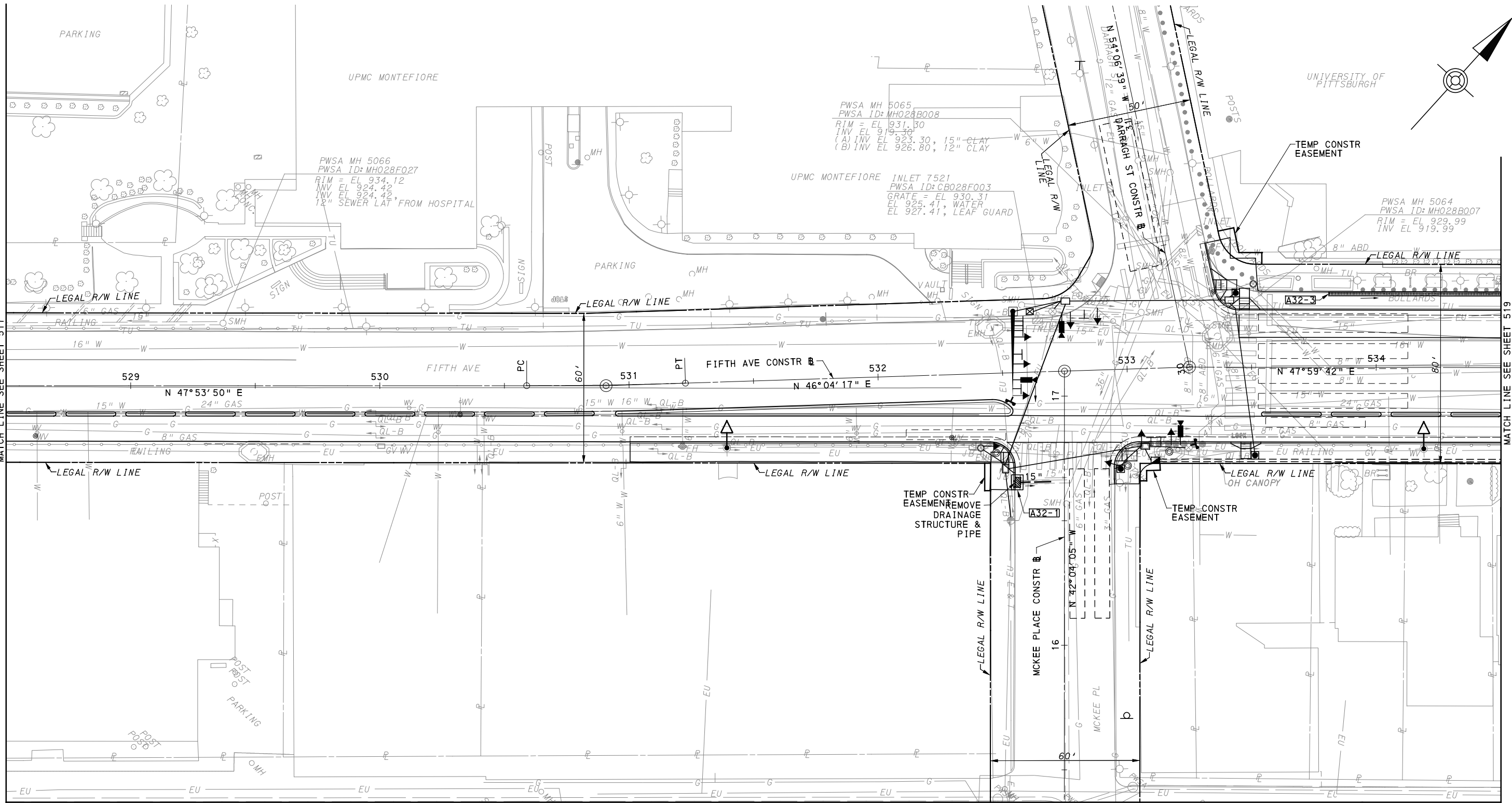
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 522+50 TO STA 528+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. UT19
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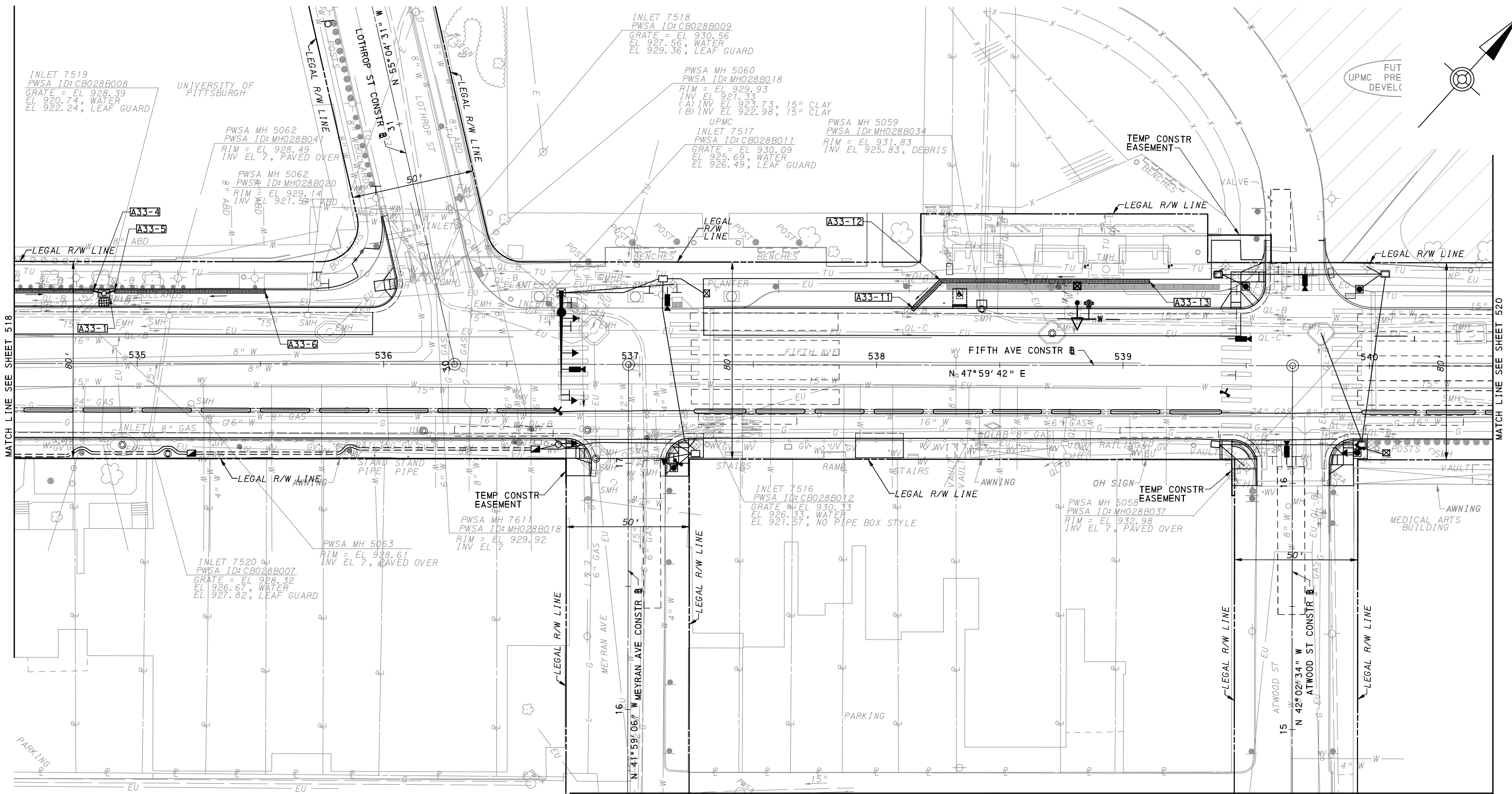
[FOR ROADWAY PLAN SEE SHEET 375]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 528+50 TO STA 534+50

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SHT. 518



MATCH LINE SEE SHEET 546



FOR ROADWAY PLAN SEE SHEET 376



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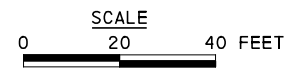
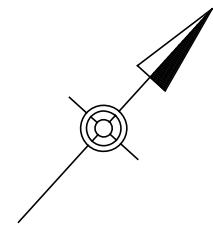
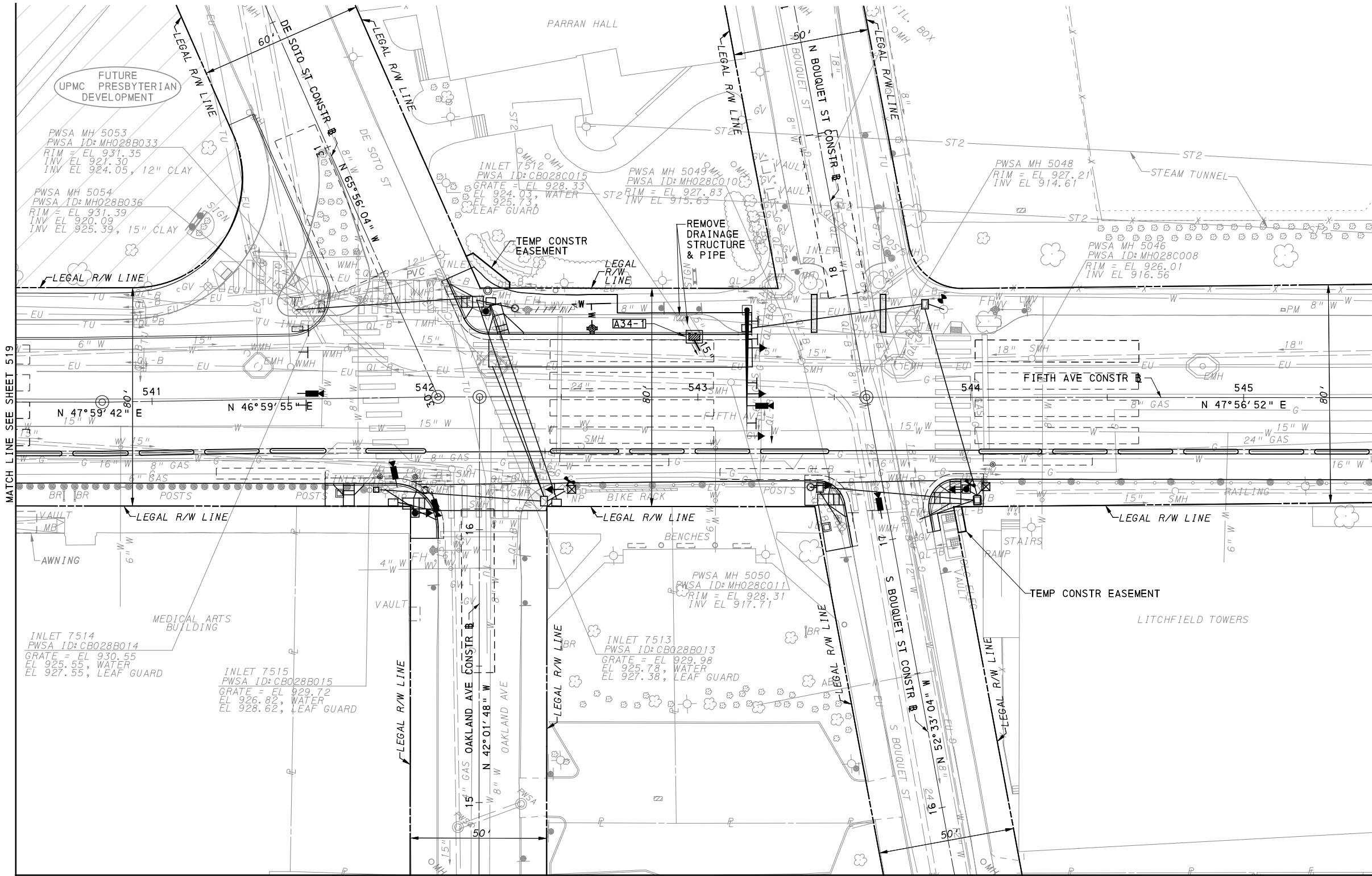
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 534+50 TO STA 540+50

Port Authority connecting people to life	CONTRACT NO. BRT-001	
	DWG. NO. UT21	SHT. 519



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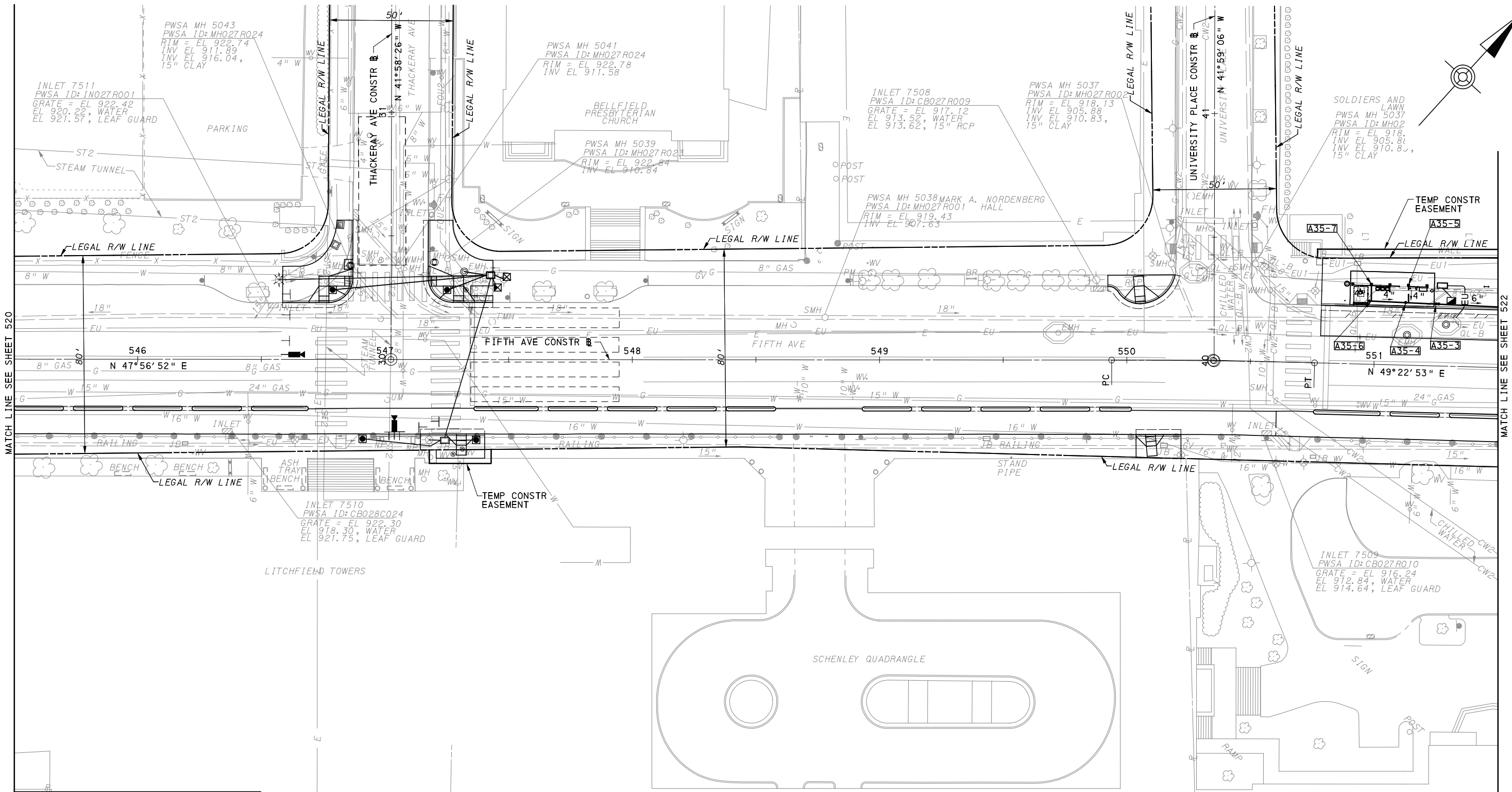
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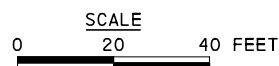
(FOR ROADWAY PLAN SEE SHEET 377)		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 540+50 TO STA 545+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. UT22	SHT. 520



MATCH LINE SEE SHEET 520

MATCH LINE SEE SHEET 522

MATCH LINE SEE SHEET 104



(FOR ROADWAY PLAN SEE SHEET 378)



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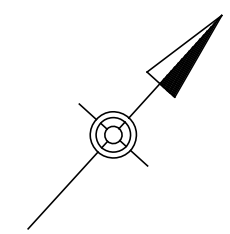
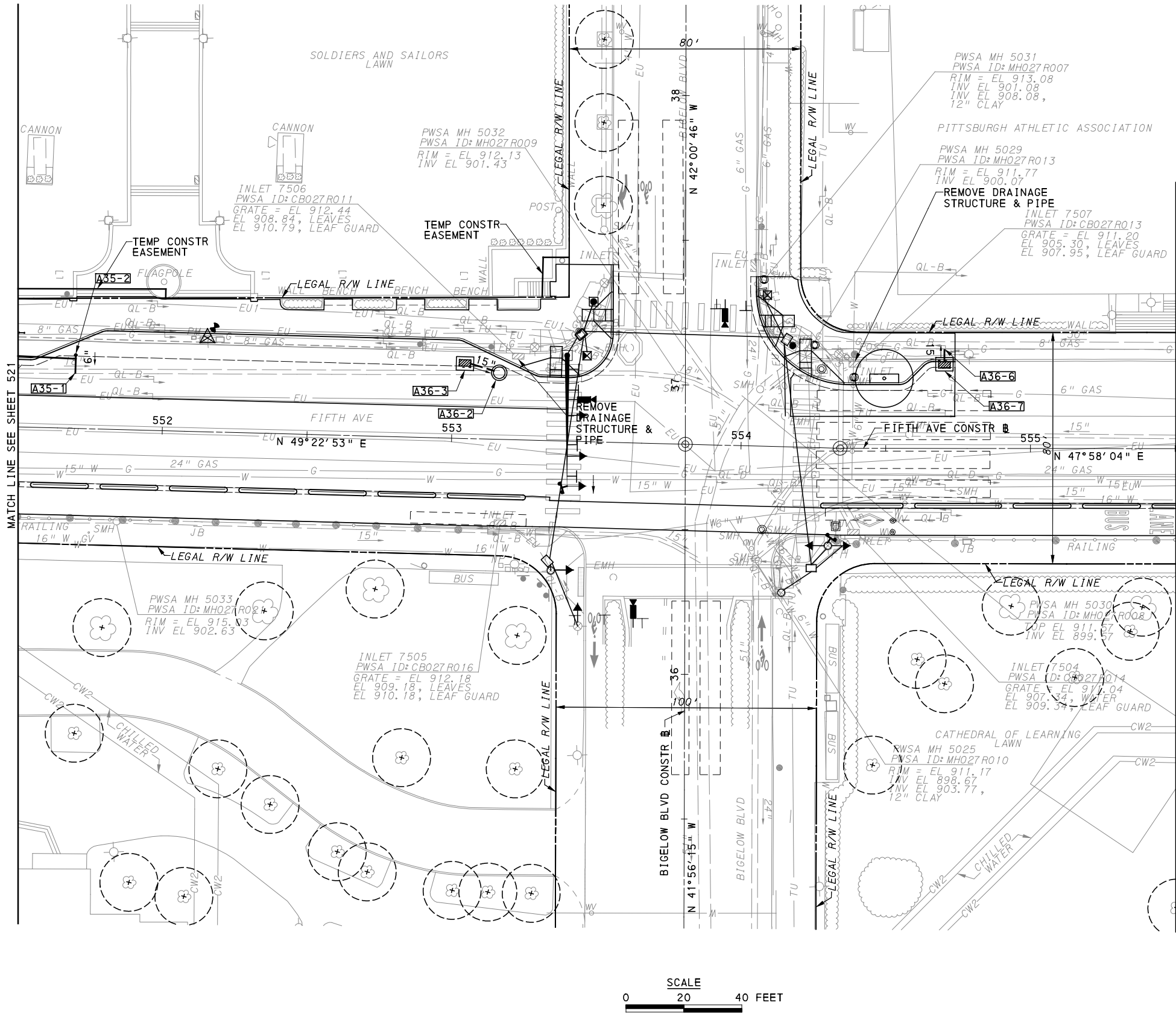
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FIFTH AVE - STA 545+50 TO STA 551+50



CONTRACT NO. BRT-001

DWG. NO. UT23 SHT. 521



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[FOR ROADWAY PLAN SEE SHEET 379]

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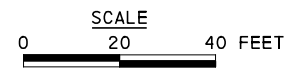
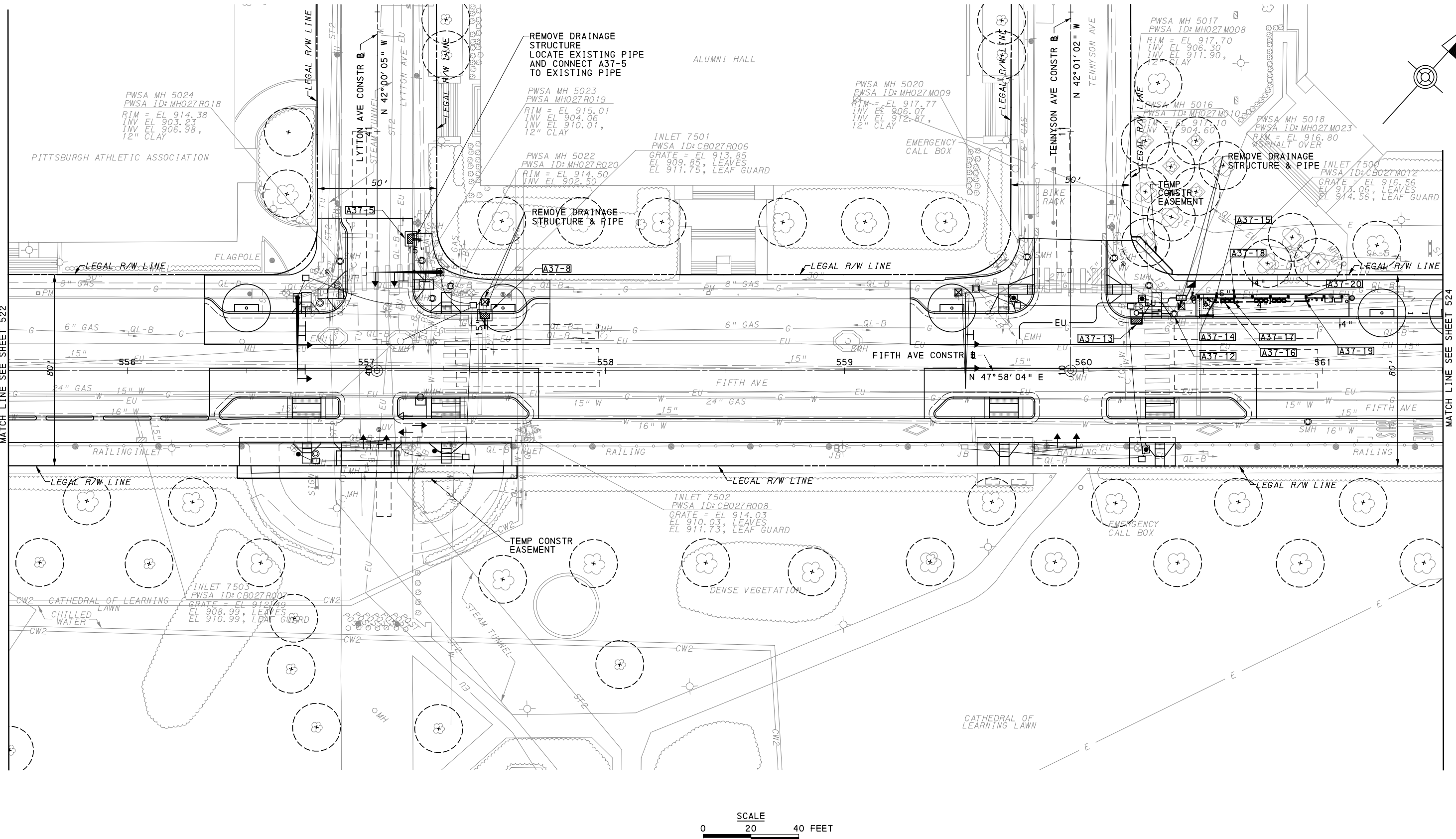
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 551+50 TO STA 555+50		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. UT24	SHT. 522



[FOR ROADWAY PLAN SEE SHEET 380]

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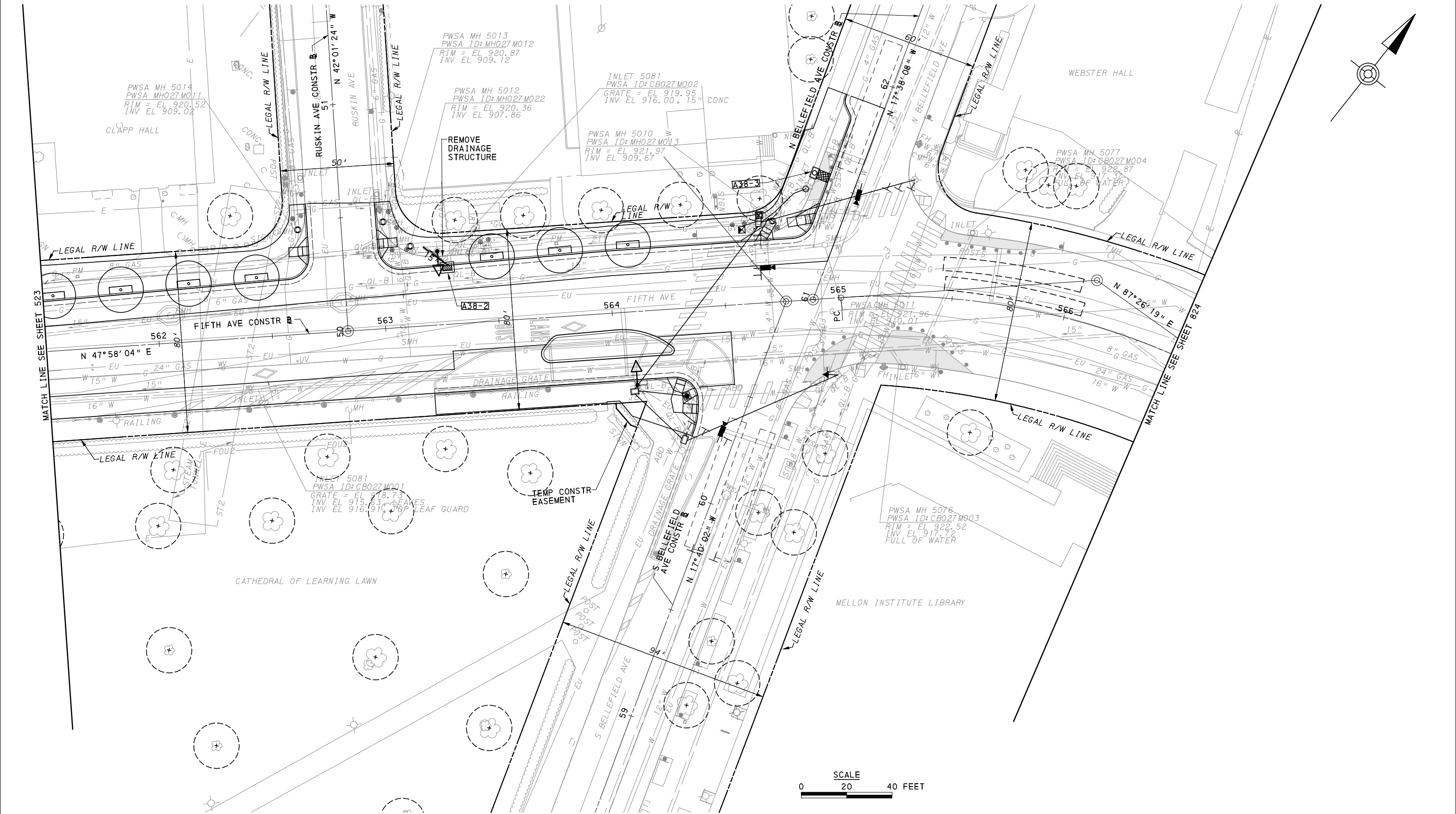
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FIFTH AVE - STA 555+50 TO STA 561+50

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CONTRACT NO. BRT-001
DWG. NO. UT25
SHT. 523



[FOR ROADWAY PLAN SEE SHEET 381]

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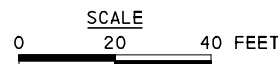
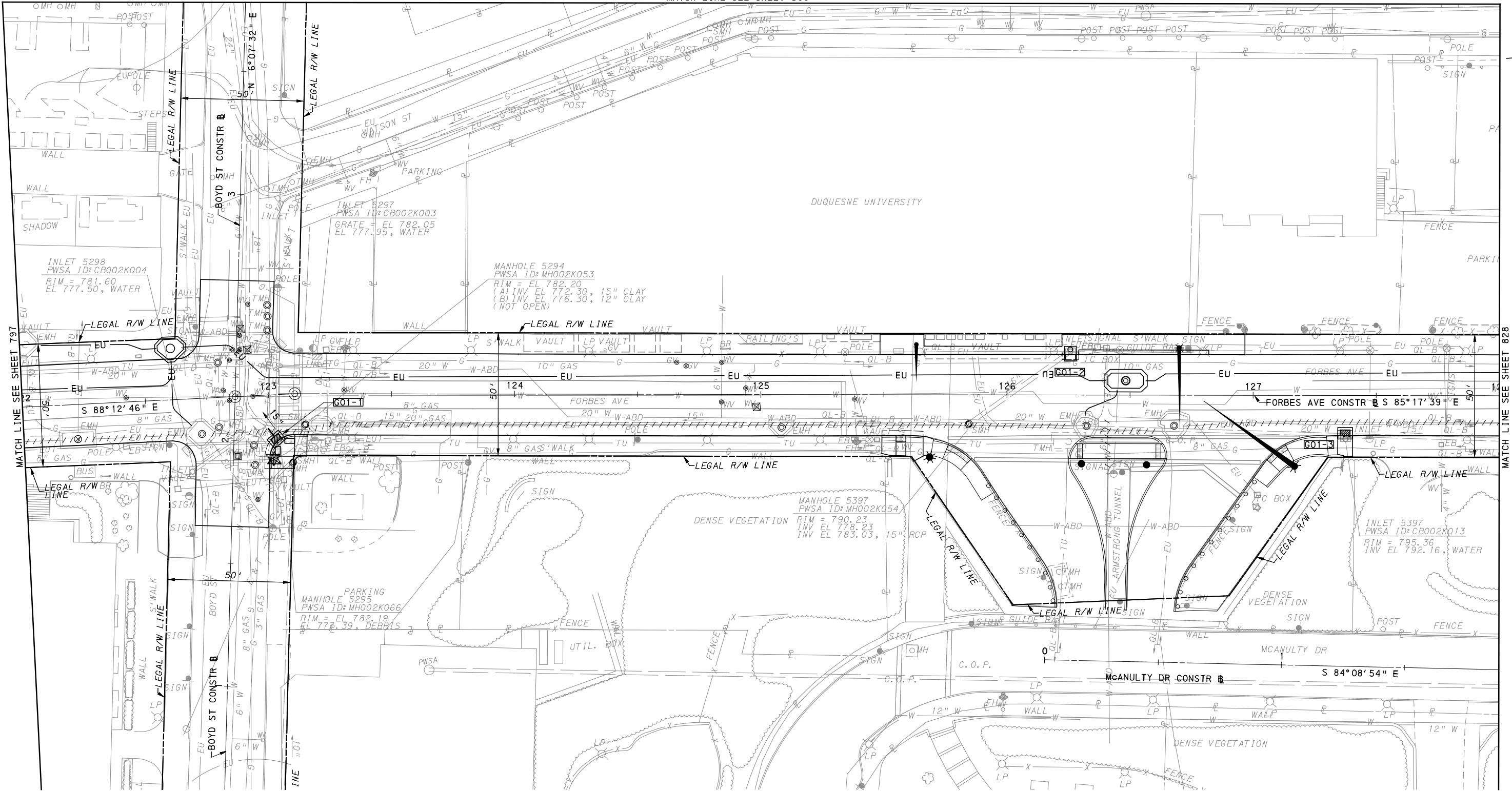
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BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FIFTH AVE - STA 561+50 TO STA 566+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. UT26	SHT. 524

MATCH LINE SEE SHEET 500



[FOR ROADWAY PLAN SEE SHEET 383]

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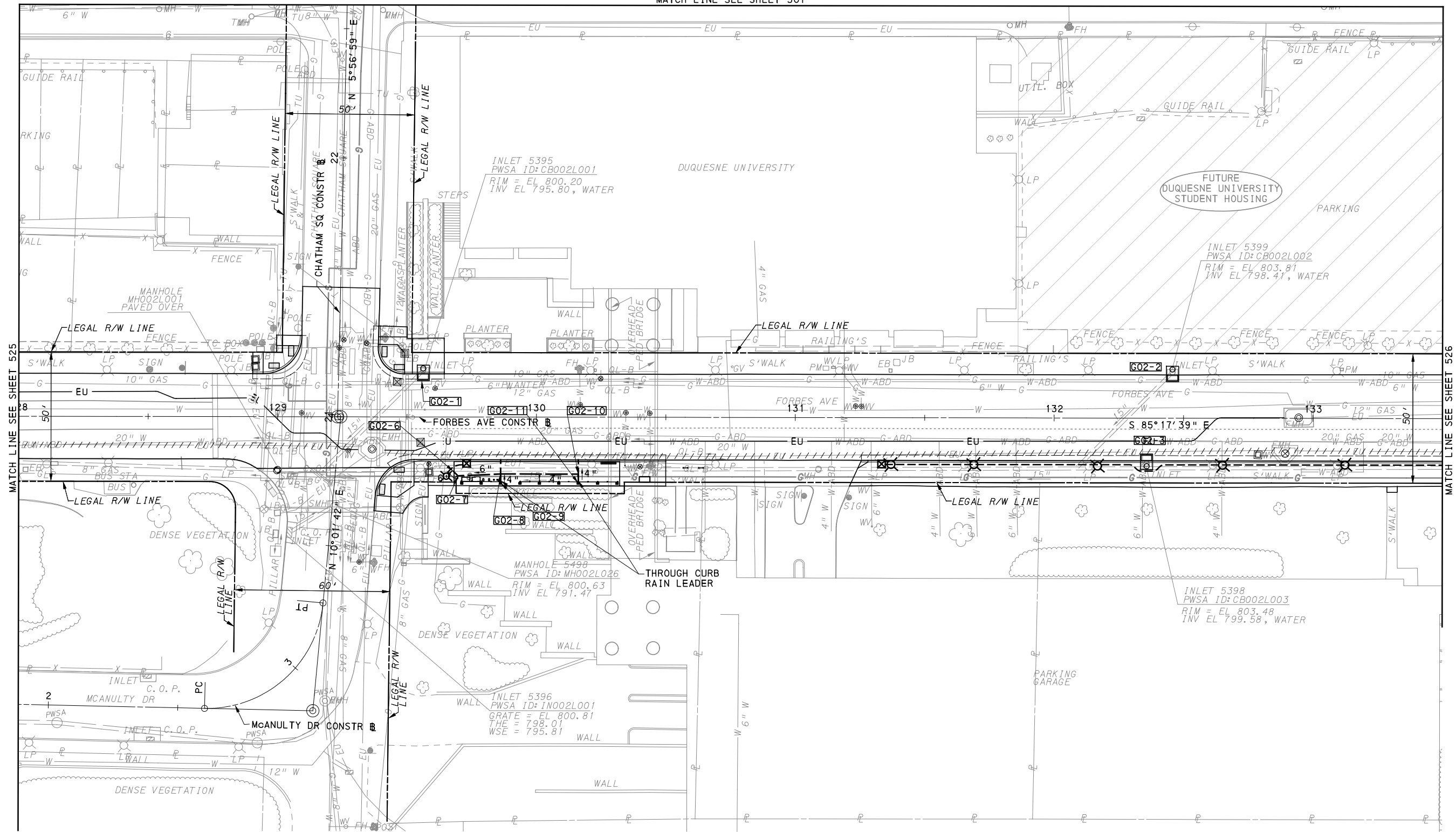
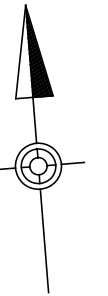
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 122+00 TO STA 128+00

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DWG. NO. UT27
SHT. 525

MATCH LINE SEE SHEET 501



MATCH LINE SEE SHEET 525

MATCH LINE SEE SHEET 526

FOR ROADWAY PLAN SEE SHEET 384



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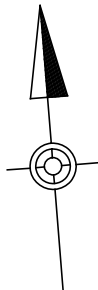
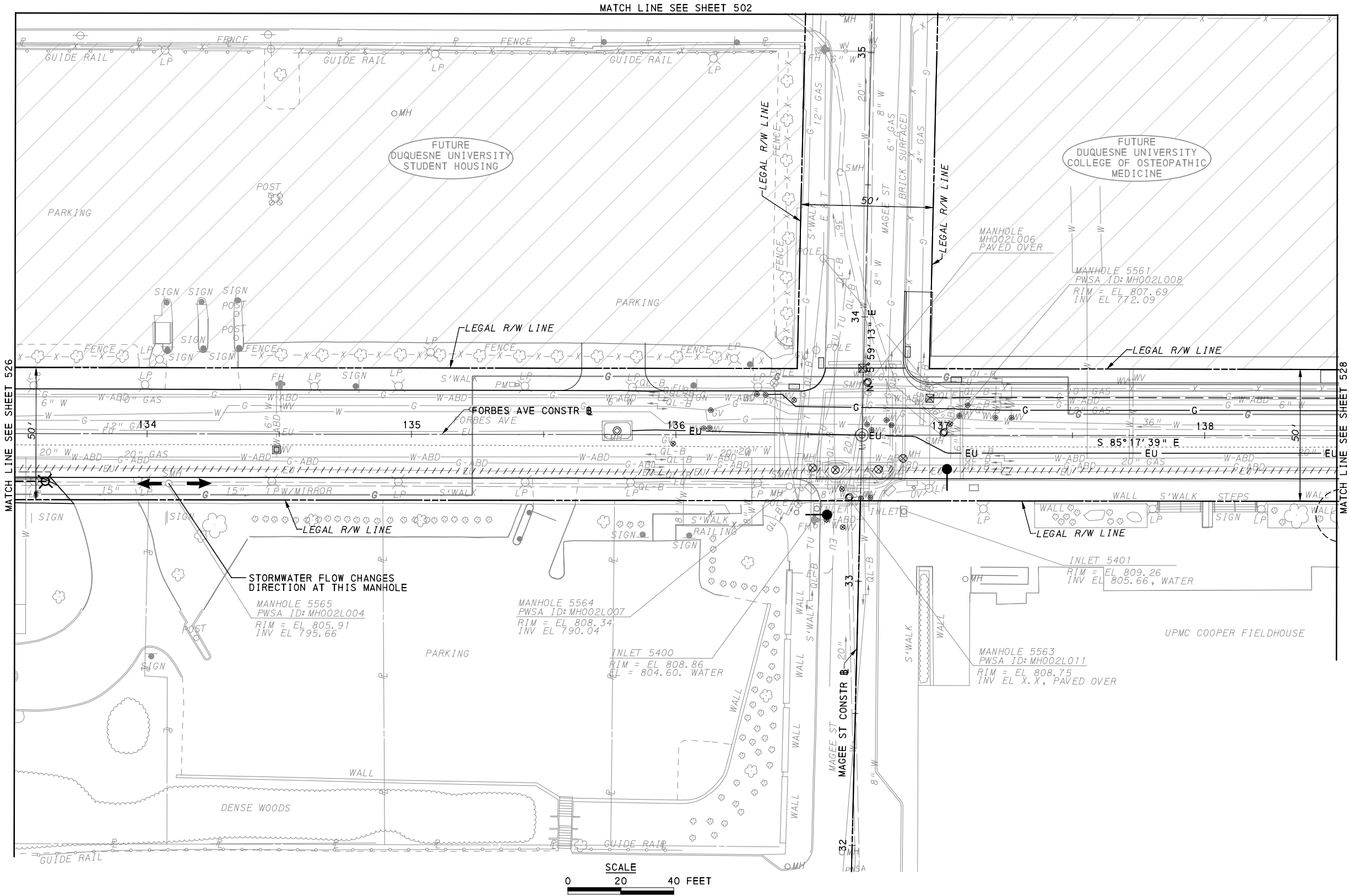
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 128+00 TO STA 133+50



CONTRACT NO. BRT-001
DWG. NO. UT28 SHT. 526



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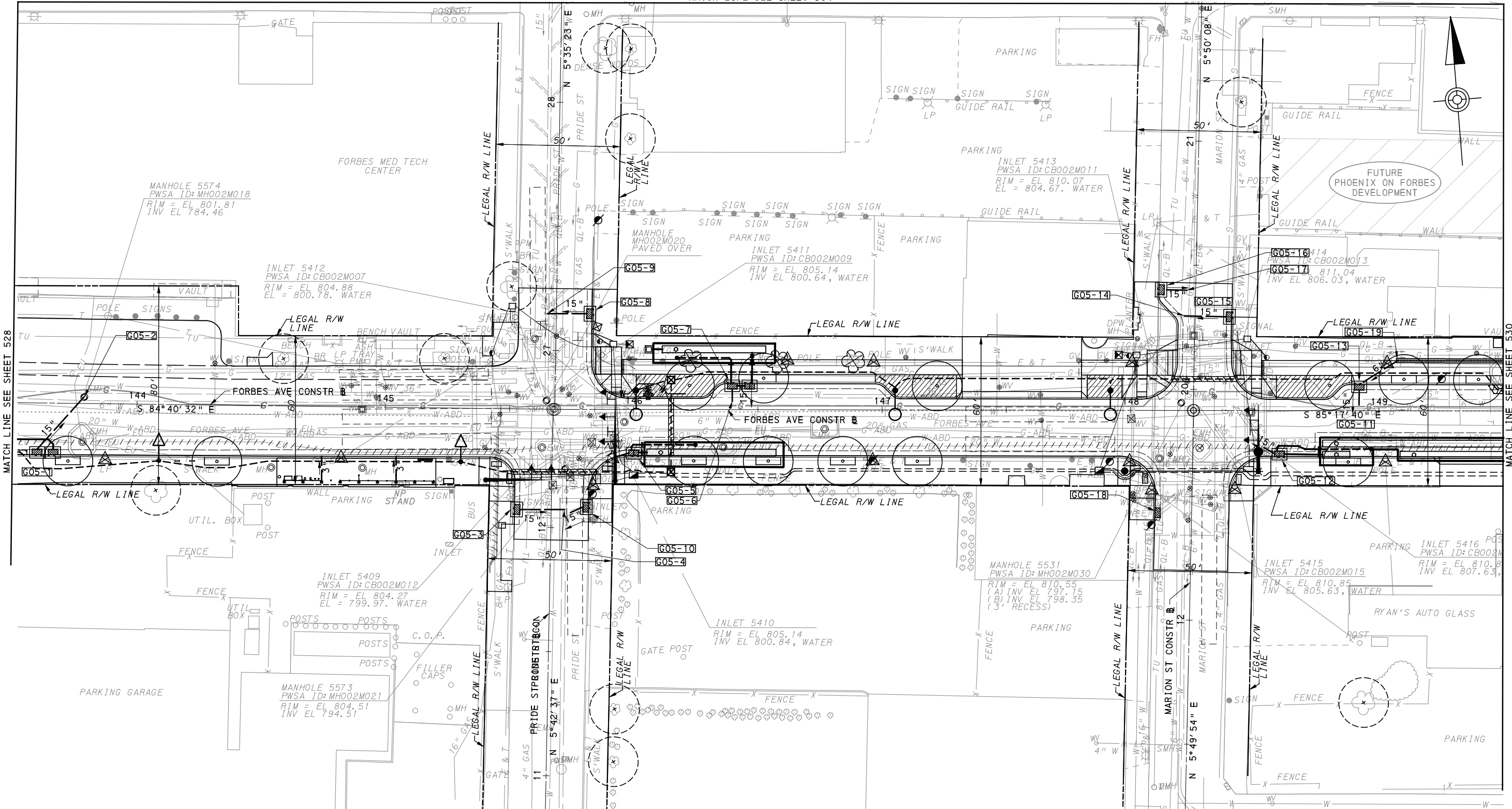
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FOR ROADWAY PLAN SEE SHEET 385		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 133+50 TO STA 138+50		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. UT29	SHT. 527

MATCH LINE SEE SHEET 504



MATCH LINE SEE SHEET 528

MATCH LINE SEE SHEET 530

FOR ROADWAY PLAN SEE SHEET 387

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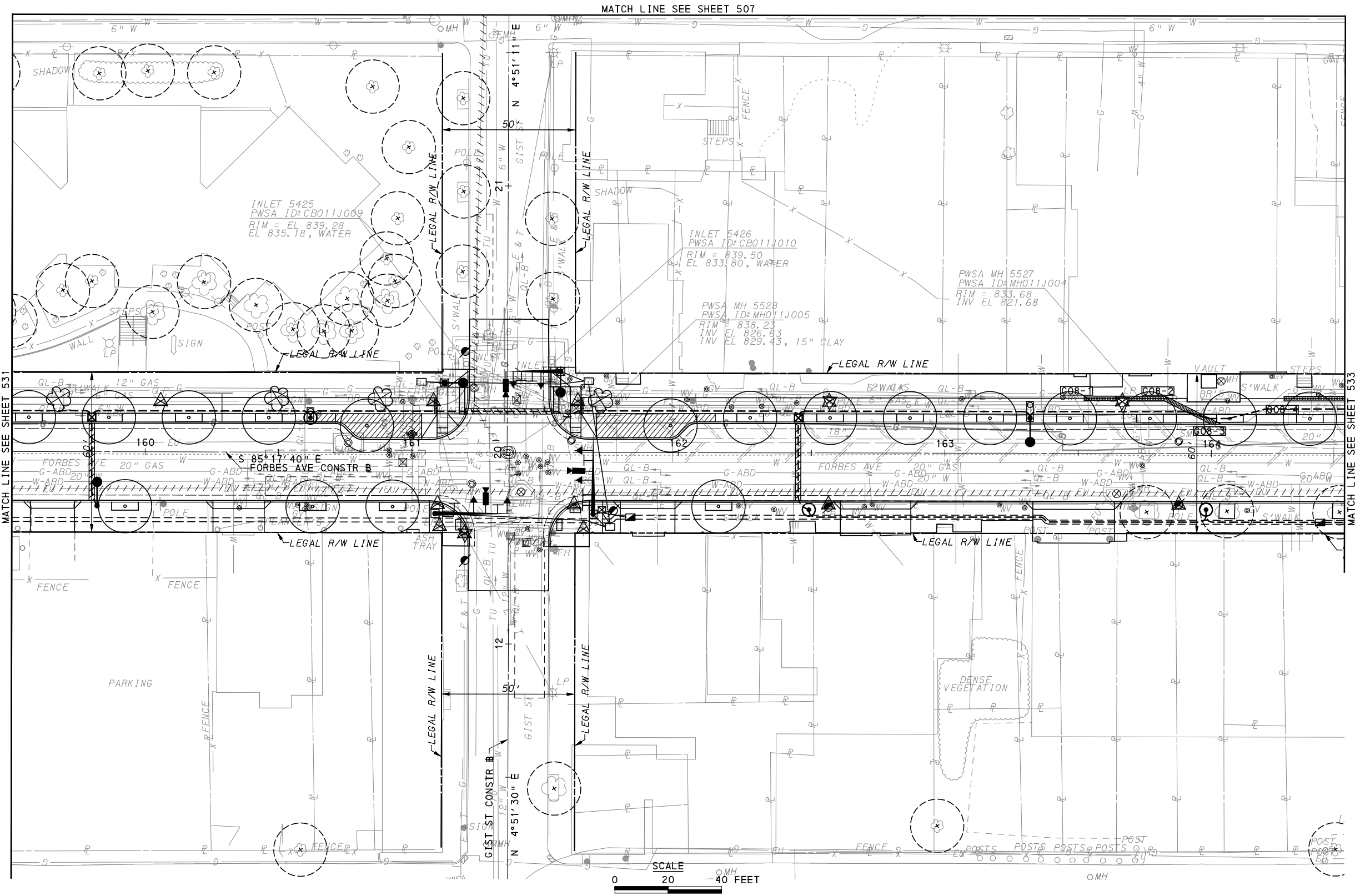
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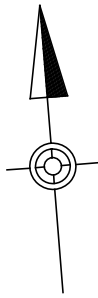
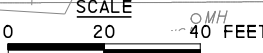
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FORBES AVE - STA 143+50 TO STA 149+50
 **Port Authority** connecting people to life
 CONTRACT NO. BRT-001
 DWG. NO. UT31 SHT. 529



MATCH LINE SEE SHEET 533

MATCH LINE SEE SHEET 531

MATCH LINE SEE SHEET 507



(FOR ROADWAY PLAN SEE SHEET 390)

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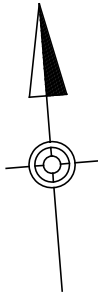
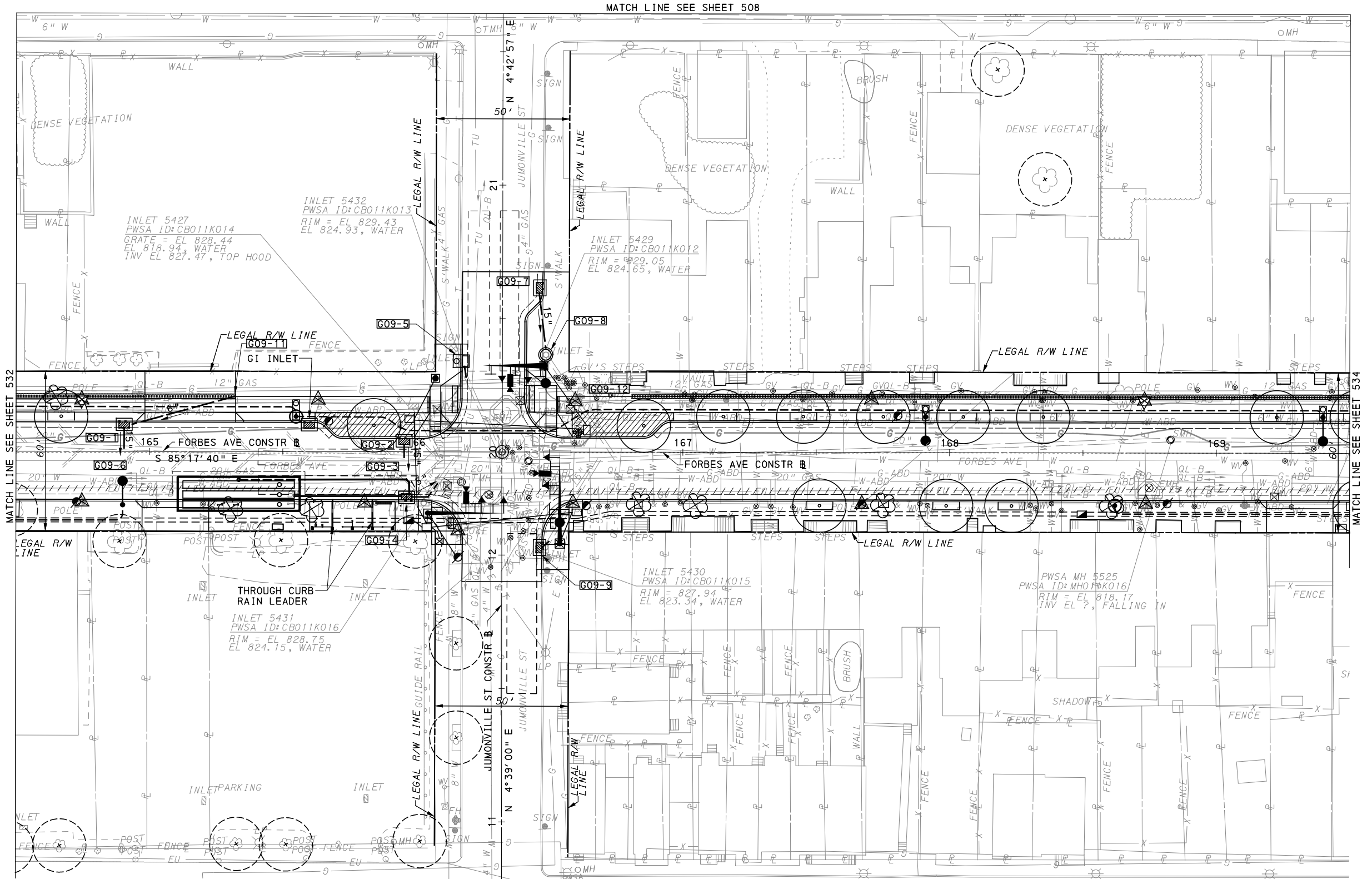
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 159+50 TO STA 164+50

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DWG. NO. UT34
SHT. 532



FOR ROADWAY PLAN SEE SHEET 391



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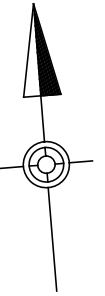
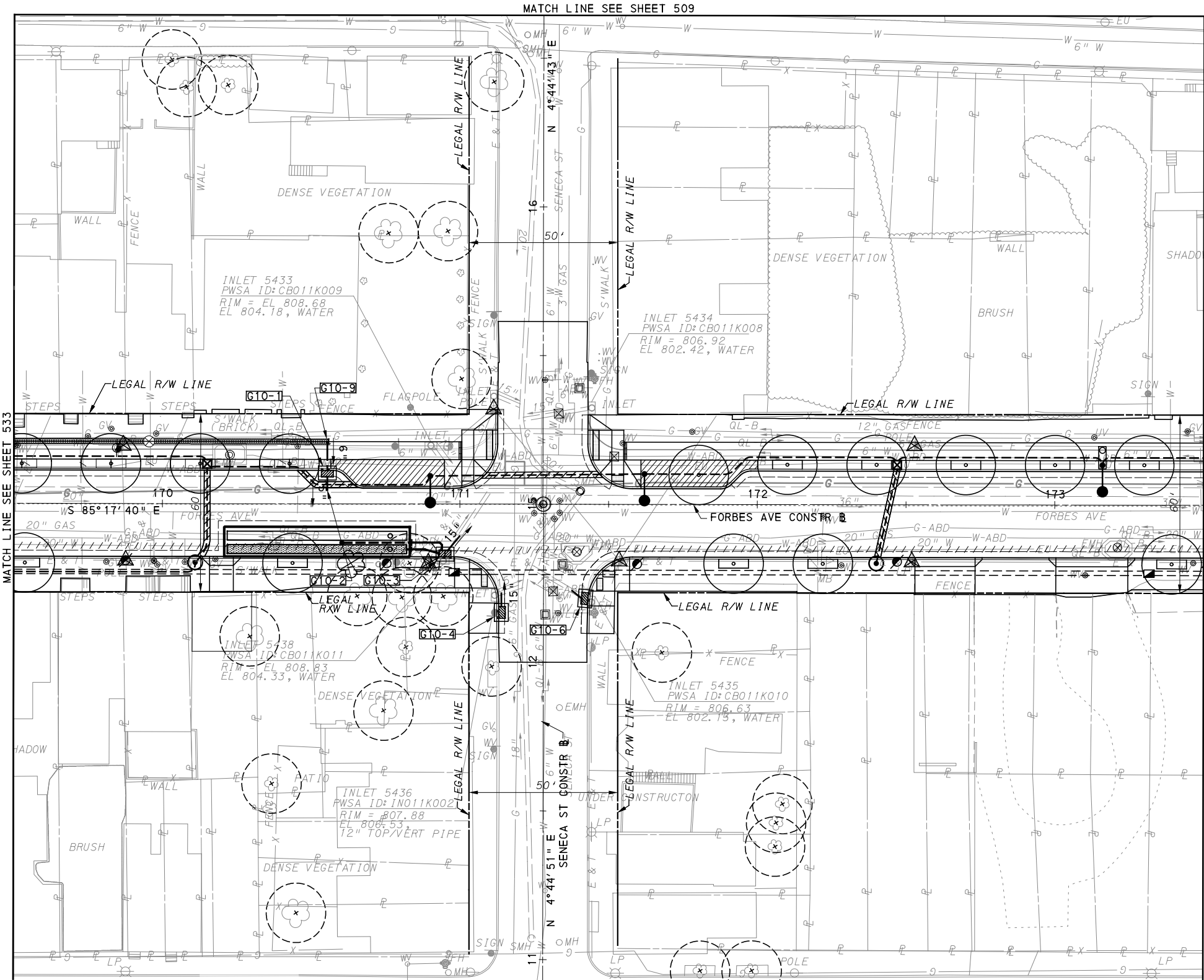
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 164+50 TO STA 169+50

	CONTRACT NO. BRT-001	
	DWG. NO. UT35	SHT. 533



(FOR ROADWAY PLAN SEE SHEET 392)



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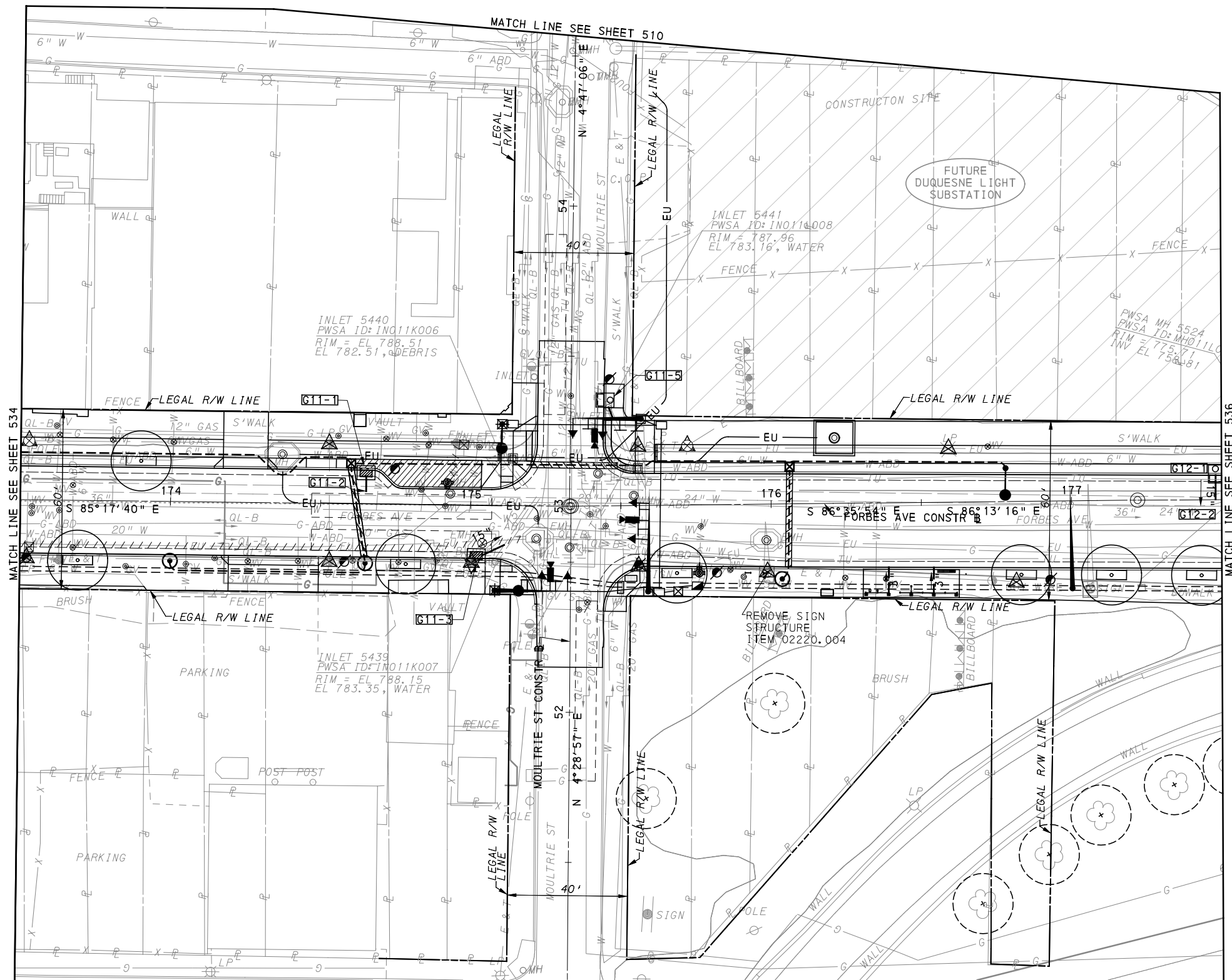
BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 169+50 TO STA 173+50



CONTRACT NO. BRT-001

DWG. NO. UT36

SHT. 534



[FOR ROADWAY PLAN SEE SHEET 393]



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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 173+50 TO STA 177+50

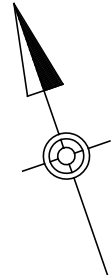
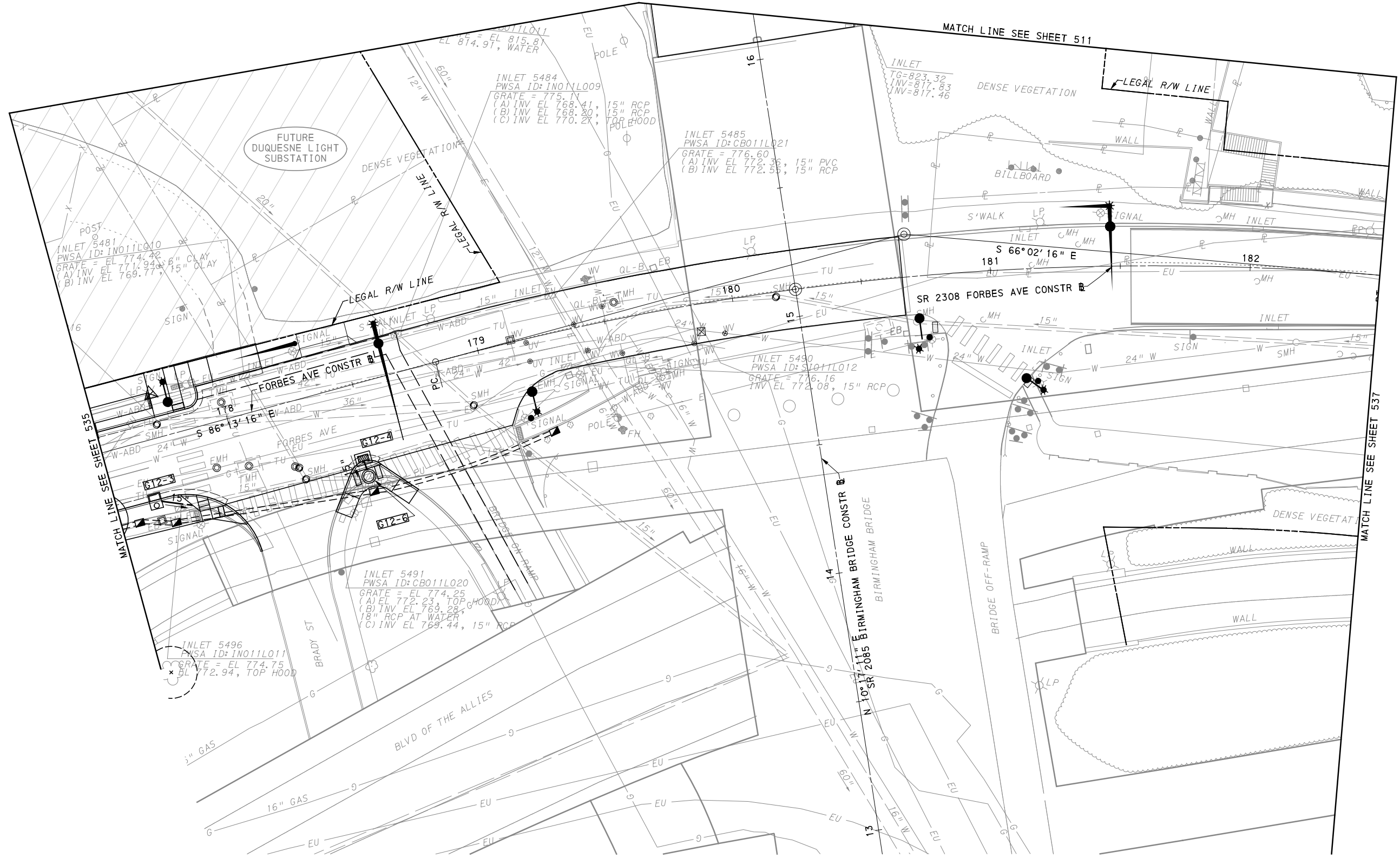


CONTRACT NO. BRT-001

DWG. NO. UT37 SHT. 535

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[FOR ROADWAY PLAN SEE SHEET 394]



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 730 Holiday Drive
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 PITTSBURGH PENNSYLVANIA

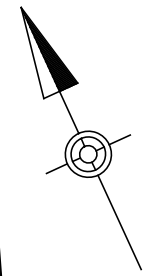
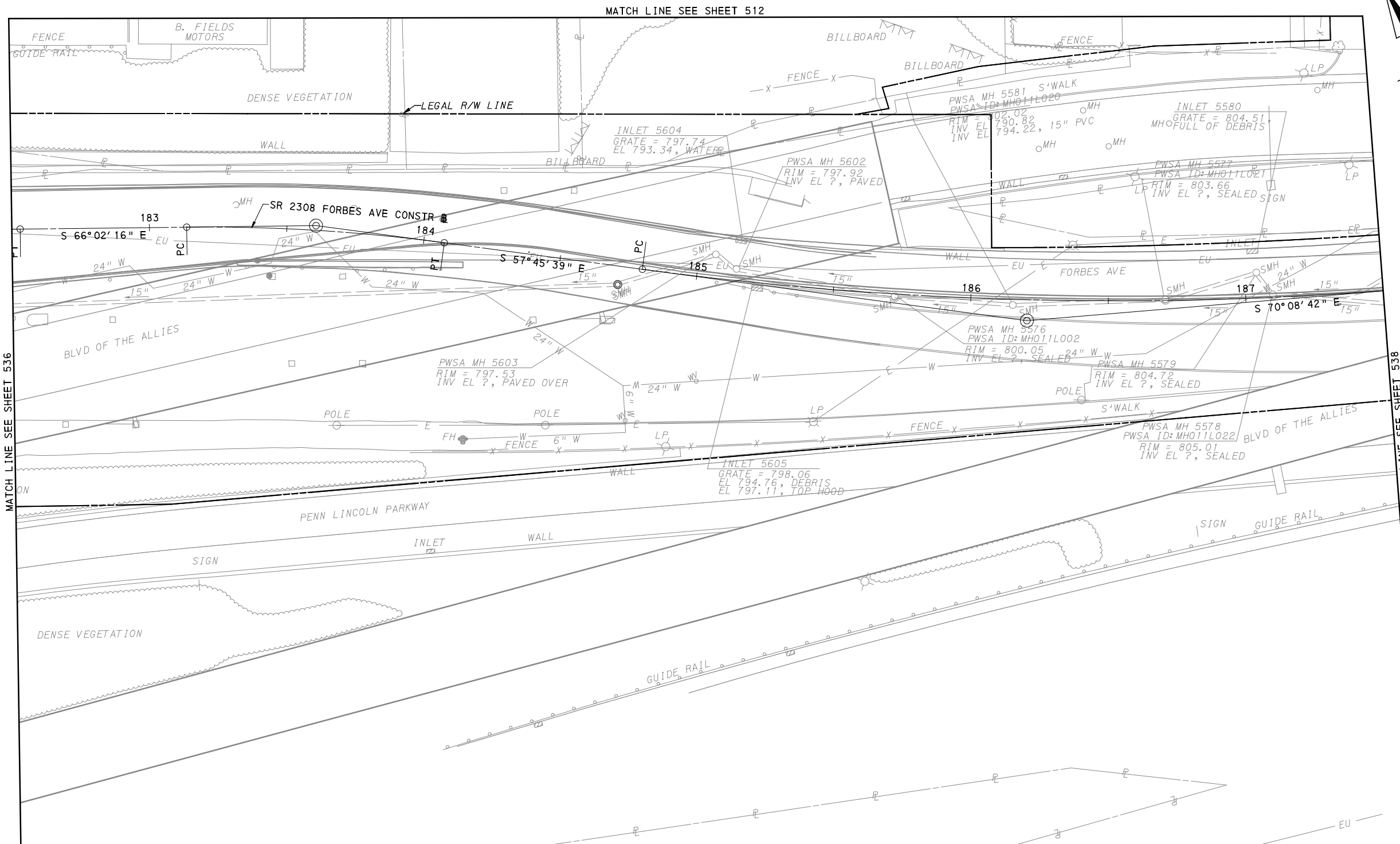
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FORBES AVE - STA 177+50 TO STA 182+50



CONTRACT NO. BRT-001

DWG. NO. UT38

SHT. 536



MATCH LINE SEE SHEET 512

MATCH LINE SEE SHEET 536

MATCH LINE SEE SHEET 538

(FOR ROADWAY PLAN SEE SHEET NA)

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 Foster Plaza 8
 Suite 400
 730 Holiday Drive
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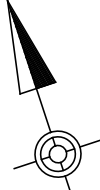
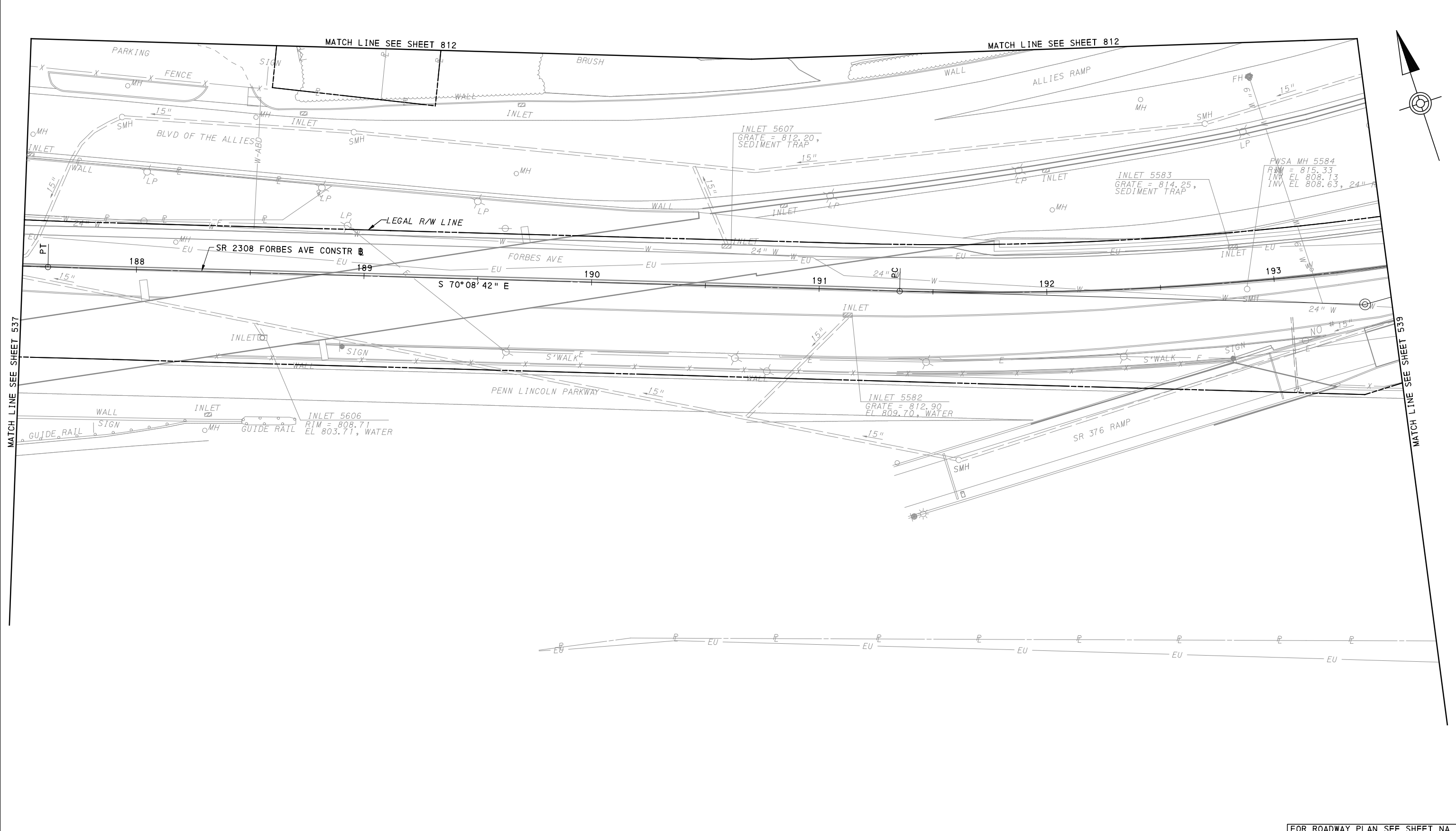
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DESIGNED	TCG
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CHECKED	KCF
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 182+50 TO STA 187+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. UT39

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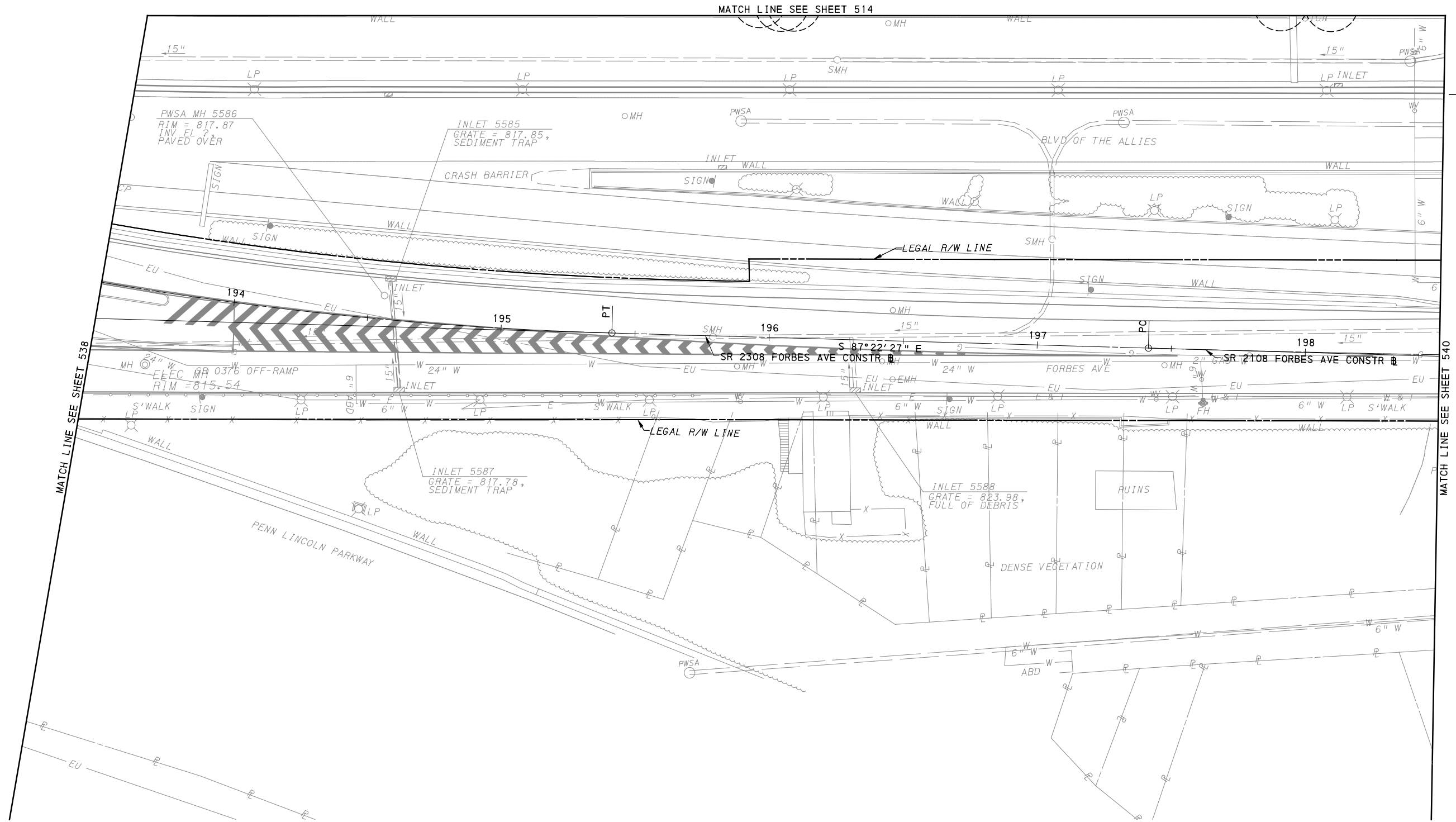
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 187+50 TO STA 193+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT40 SHT. 538



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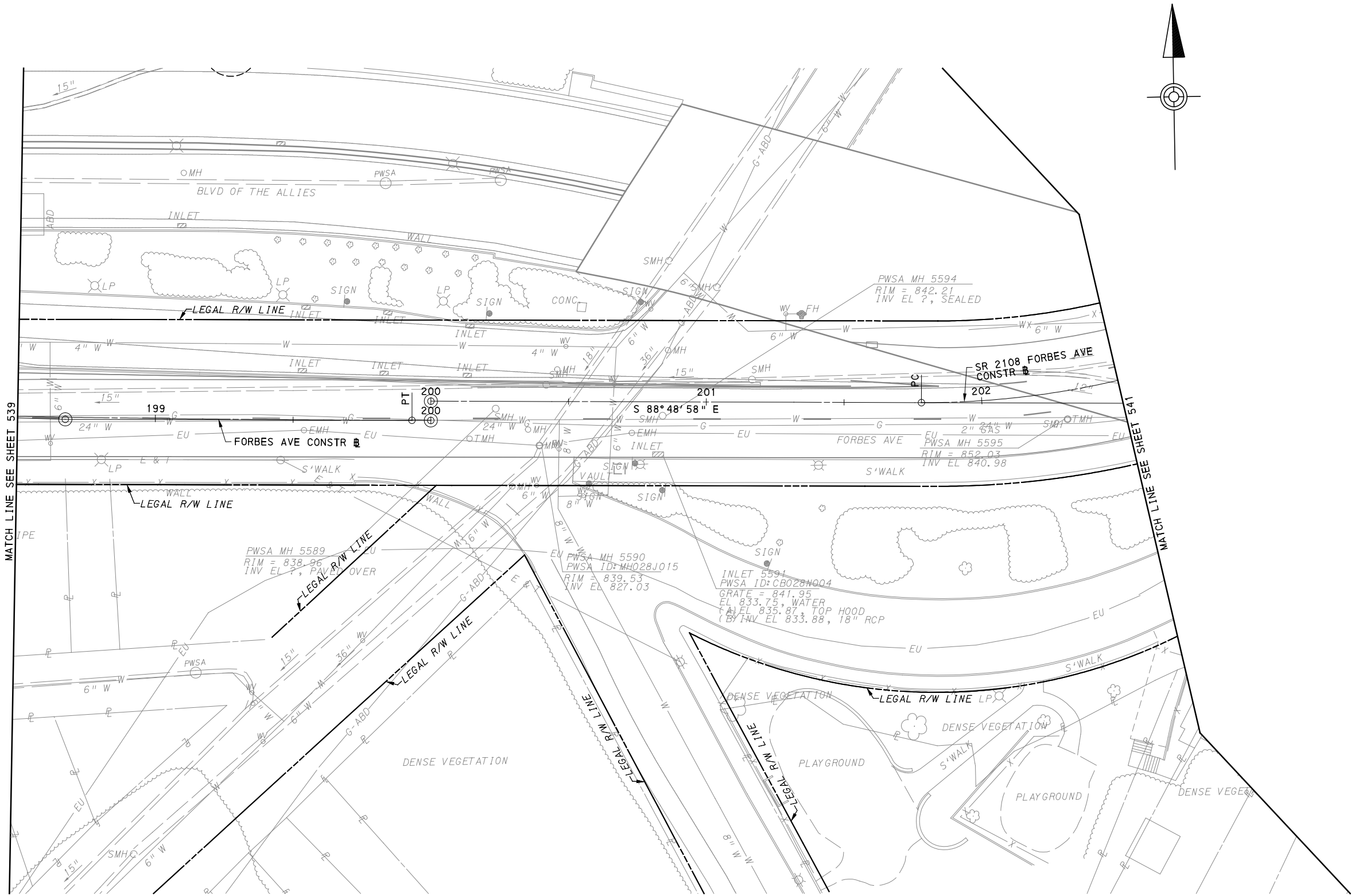
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FORBES AVE - STA 193+50 TO STA 198+50

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CONTRACT NO. BRT-001	
DWG. NO. UT41	SHT. 539



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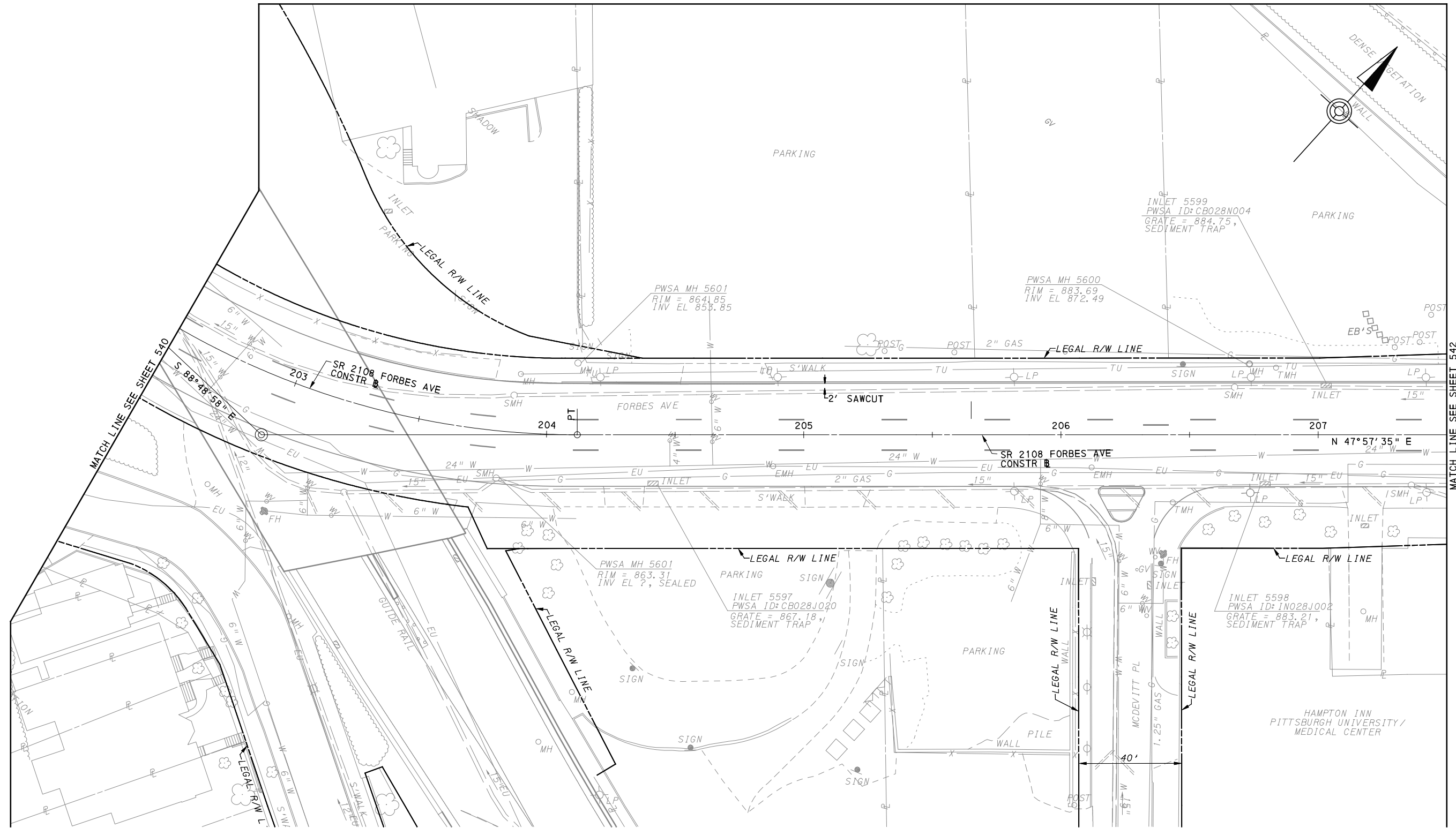
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 198+50 TO STA 202+50



CONTRACT NO. BRT-001
DWG. NO. UT42 SHT. 540



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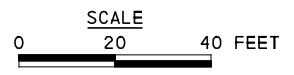
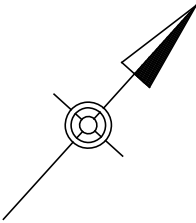
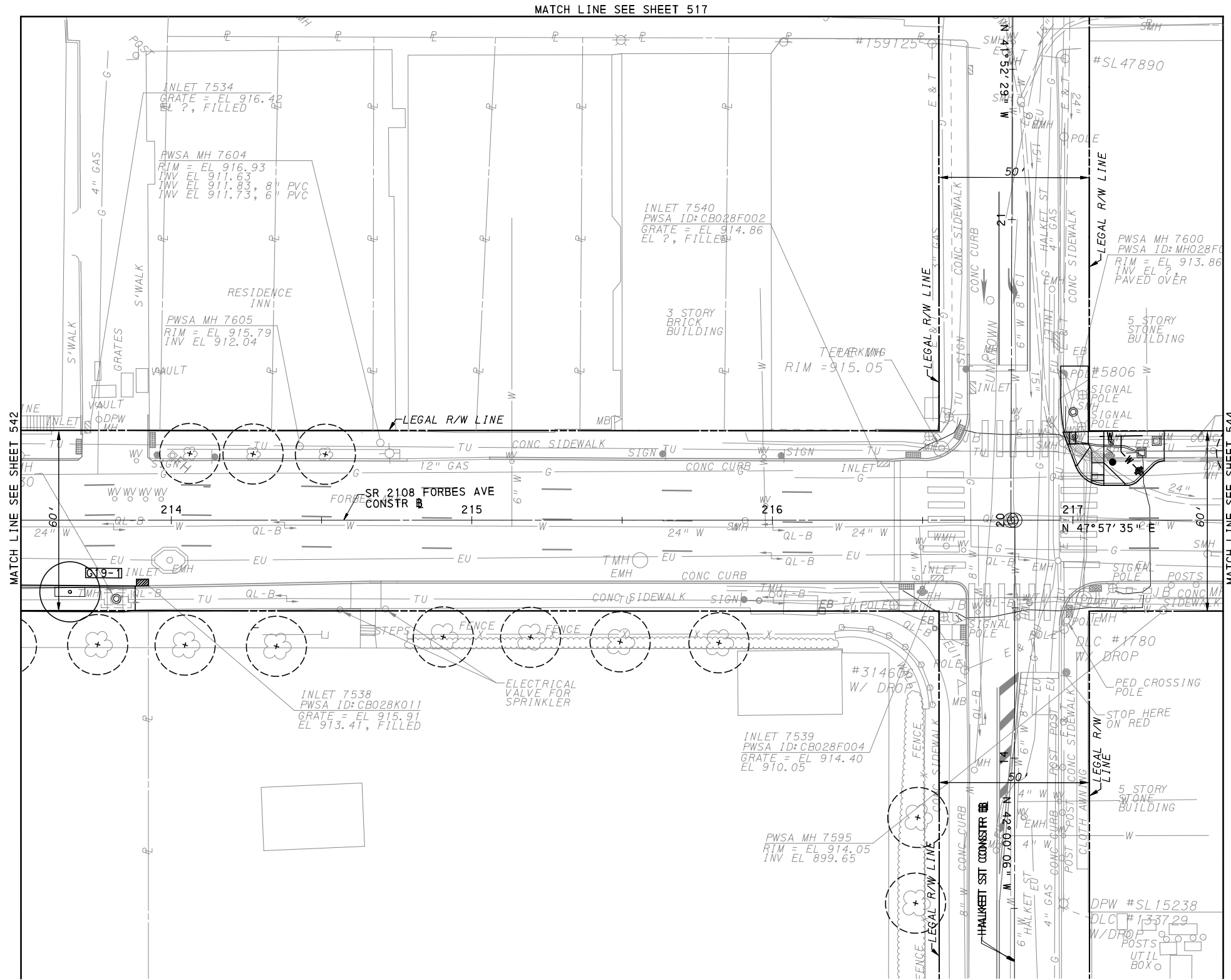
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
UTILITY PLANS
FORBES AVE - STA 202+50 TO STA 207+50

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CONTRACT NO. BRT-001	
DWG. NO. UT43	SHT. 541



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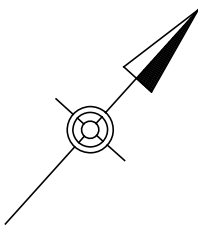
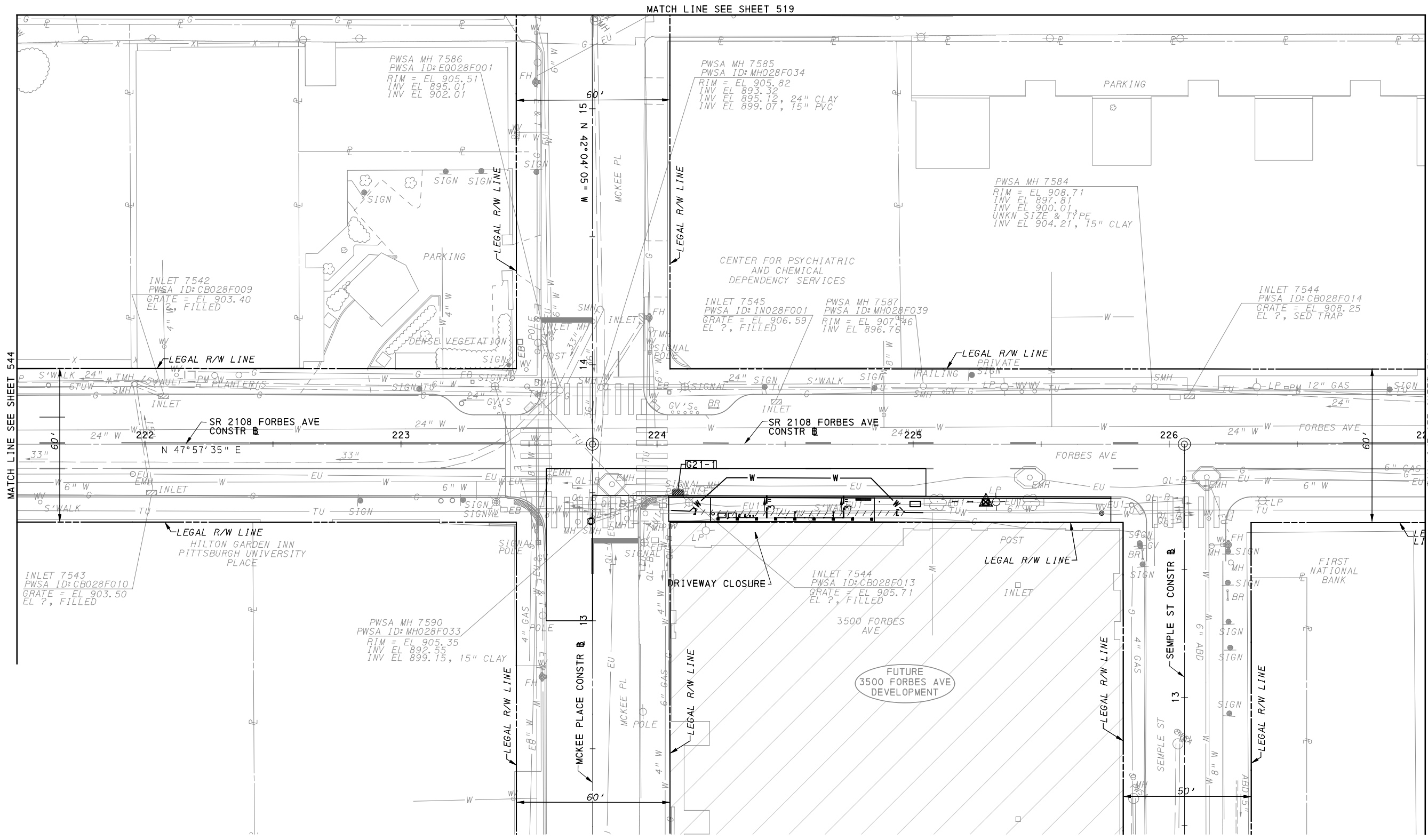
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 213+50 TO STA 217+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT45 SHT. 543



[FOR ROADWAY PLAN SEE SHEET 397]

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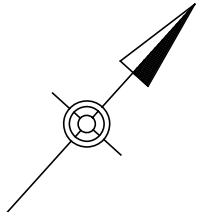
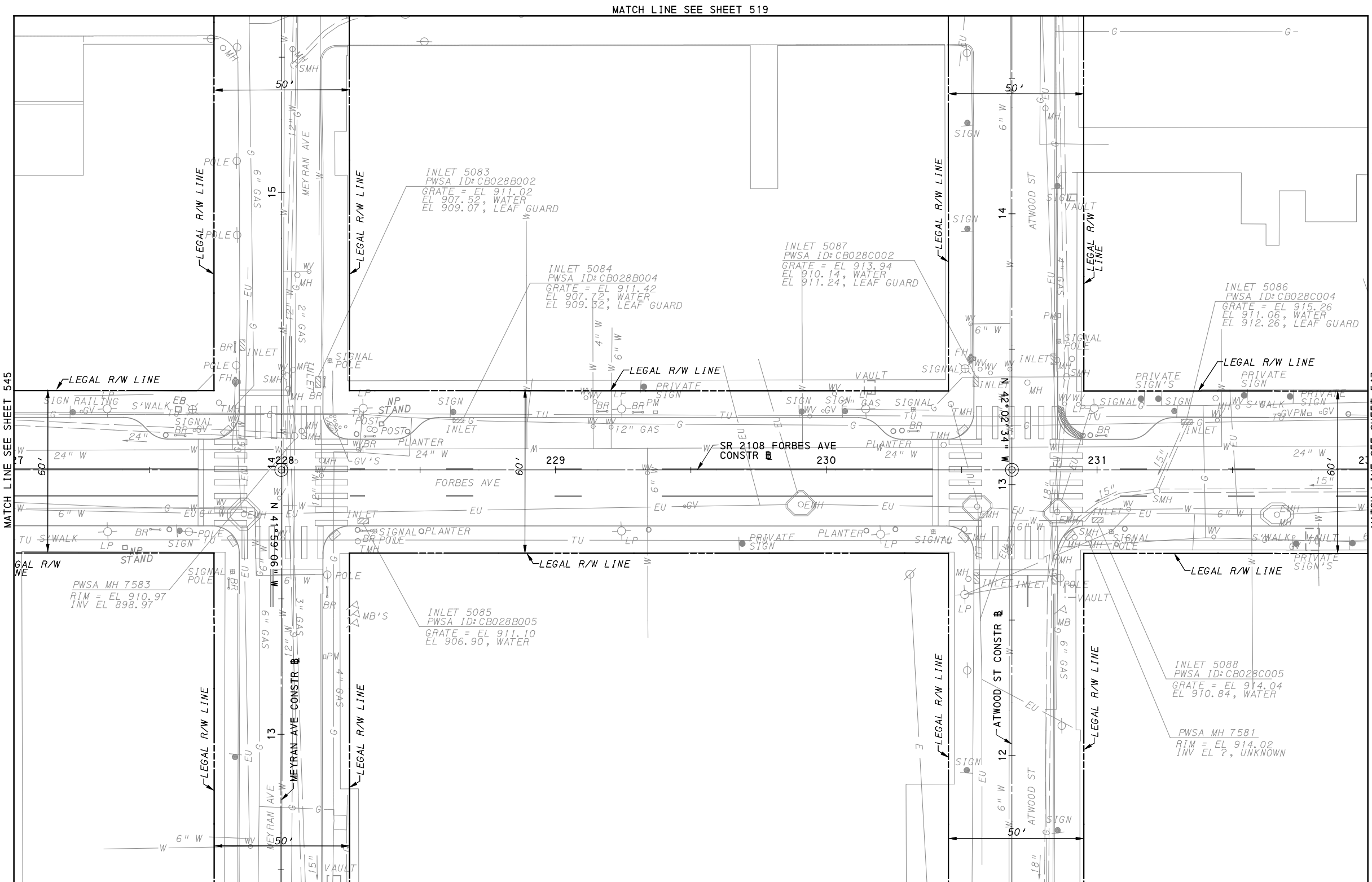
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 UTILITY PLANS
 FORBES AVE - STA 221+50 TO STA 227+00

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CONTRACT NO. BRT-001	
DWG. NO. UT47	SHT. 545



MATCH LINE SEE SHEET 519

MATCH LINE SEE SHEET 545

MATCH LINE SEE SHEET 547

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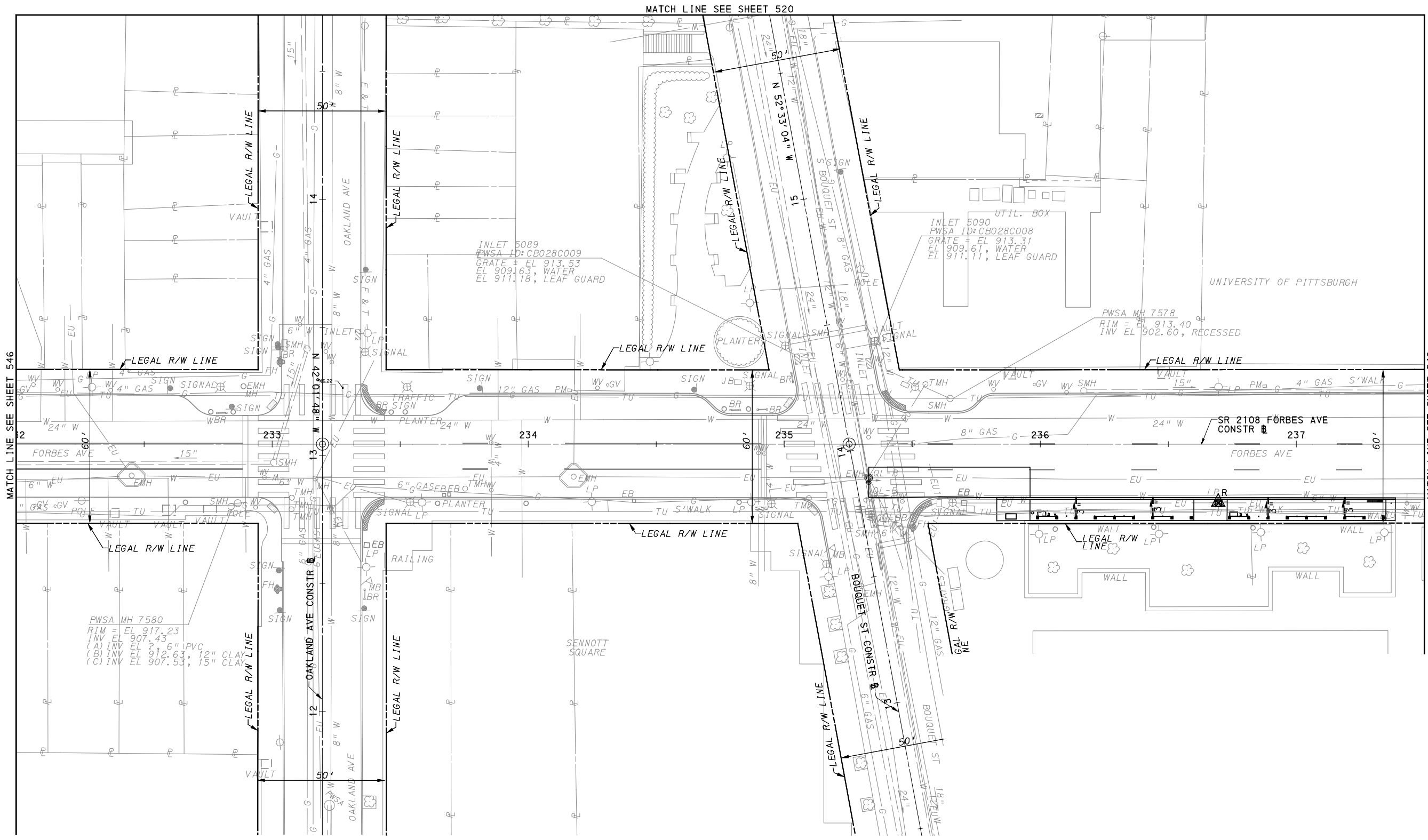
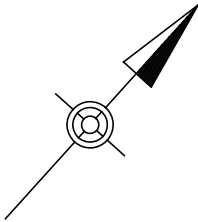
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 227+00 TO STA 232+00		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. UT48	SHT. 546



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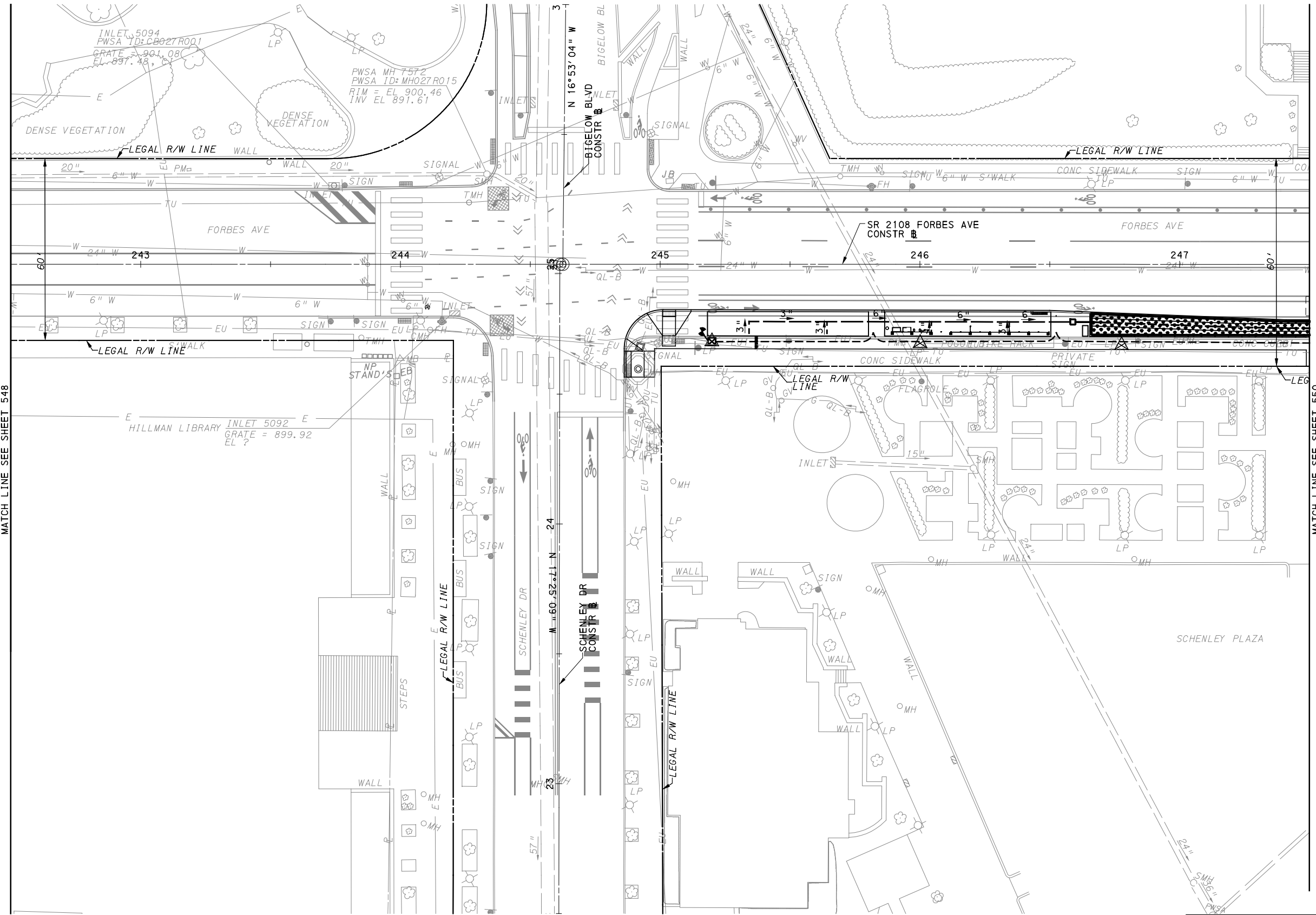
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 232+00 TO STA 237+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT49 SHT. 547



MATCH LINE SEE SHEET 548

MATCH LINE SEE SHEET 550

[FOR ROADWAY PLAN SEE SHEET 401]



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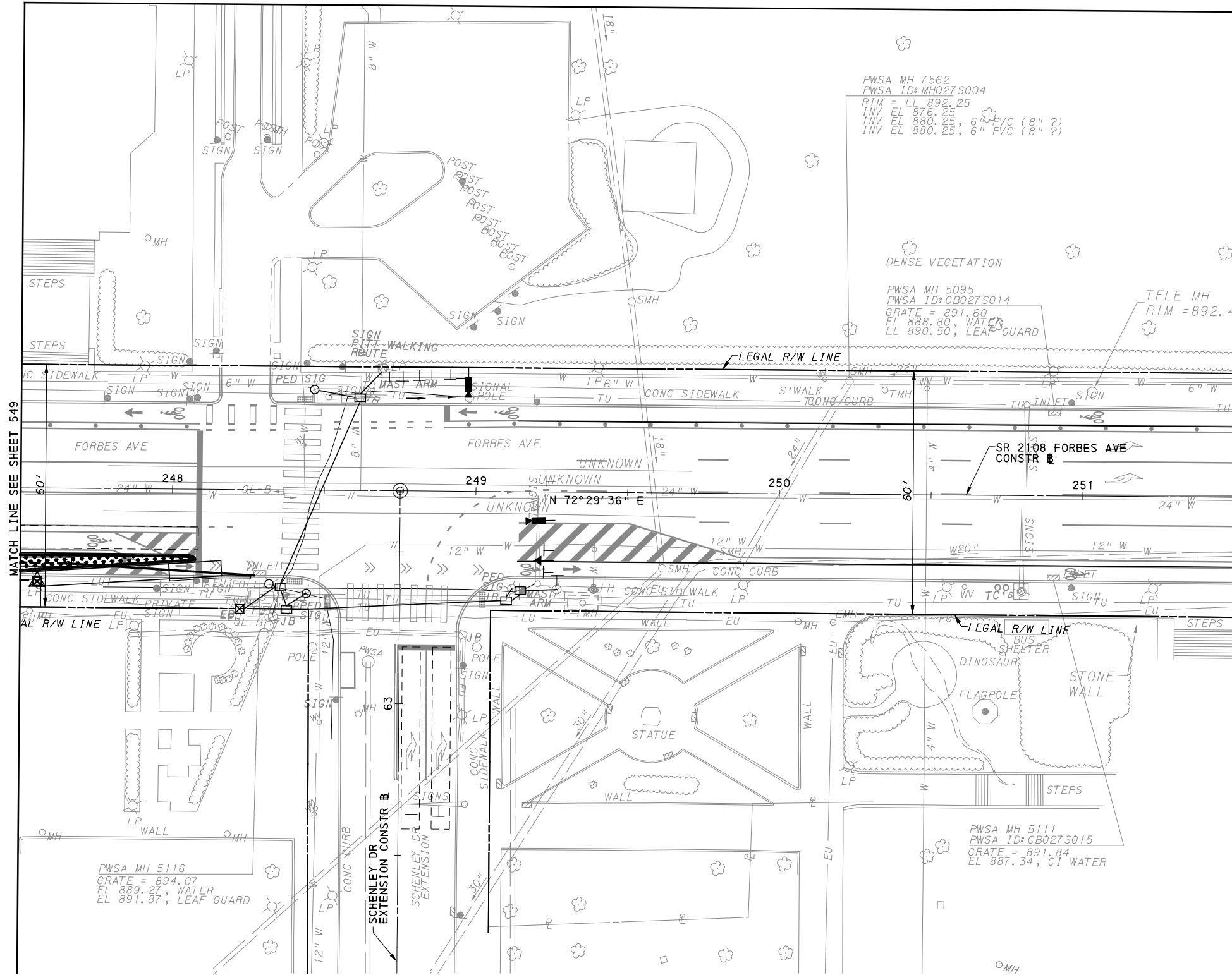
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 242+50 TO STA 247+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. UT51
	SHT. 549



MATCH LINE SEE SHEET 549

FOR ROADWAY PLAN SEE SHEET 402



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Pittsburgh, PA 15219



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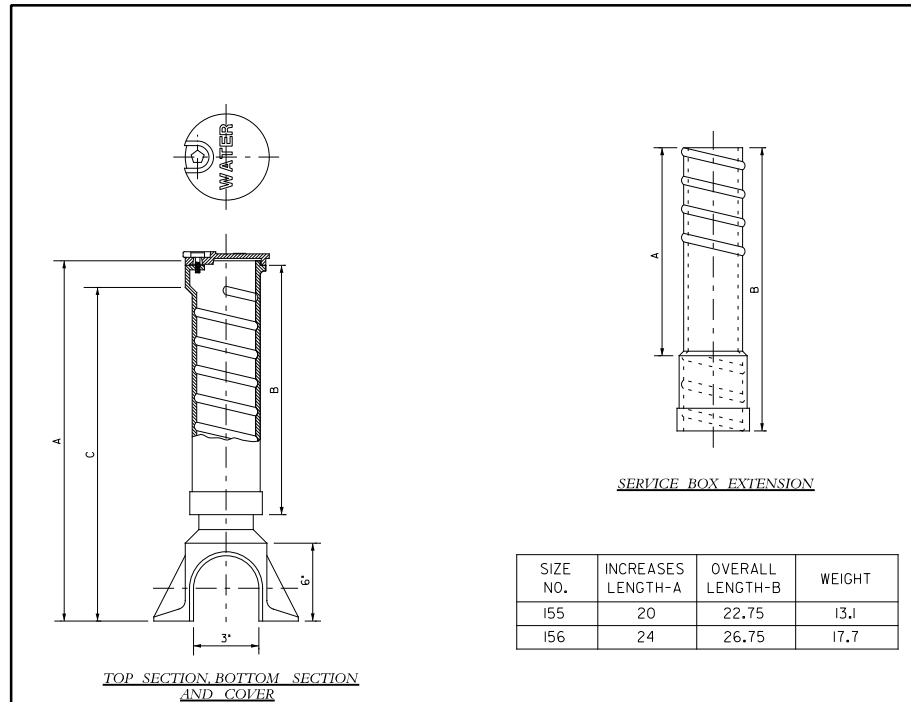
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND UTILITY PLANS FORBES AVE - STA 247+50 TO STA 251+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
DWG. NO. UT52	SHT. 550

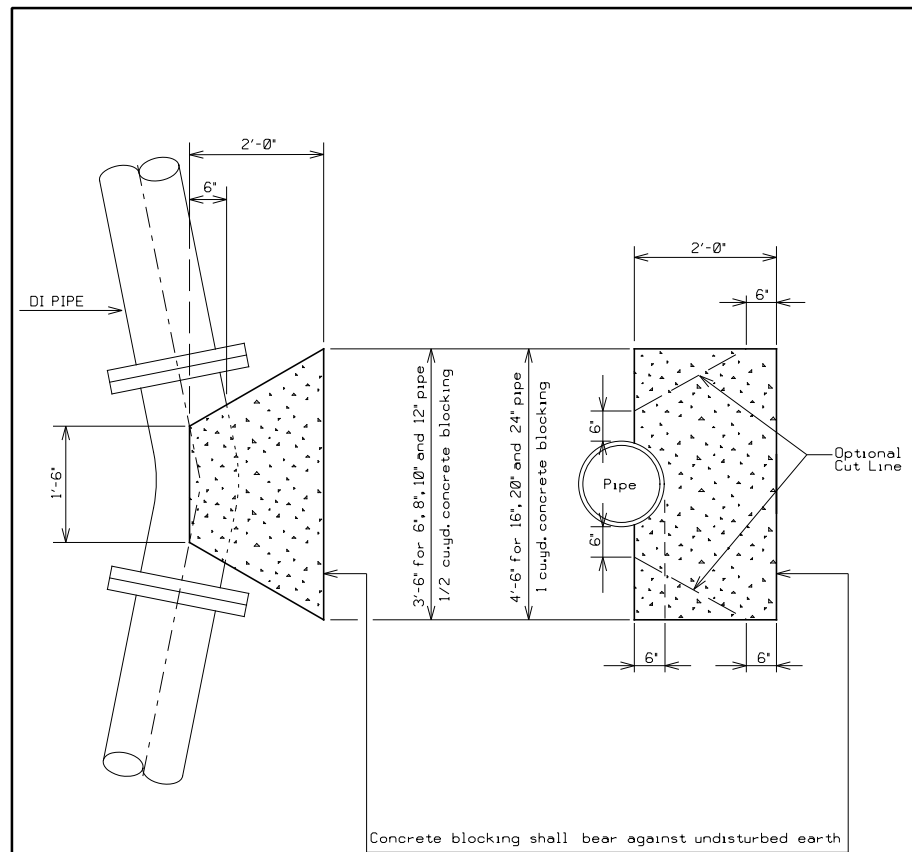


SIZE NO.	INCREASES LENGTH-A	OVERALL LENGTH-B	WEIGHT
155	20	22.75	13.1
156	24	26.75	17.7

SIZE NO.	EXTENSION RANGE - A	TOP SECTION & COVER			BOTTOM SECTION			TOTAL WEIGHT
		NO.	WEIGHT	DIM. B	NO.	WEIGHT	DIM. C	
2	24" - 39"	9	19.6	18	2	14.1	23.0	32.7

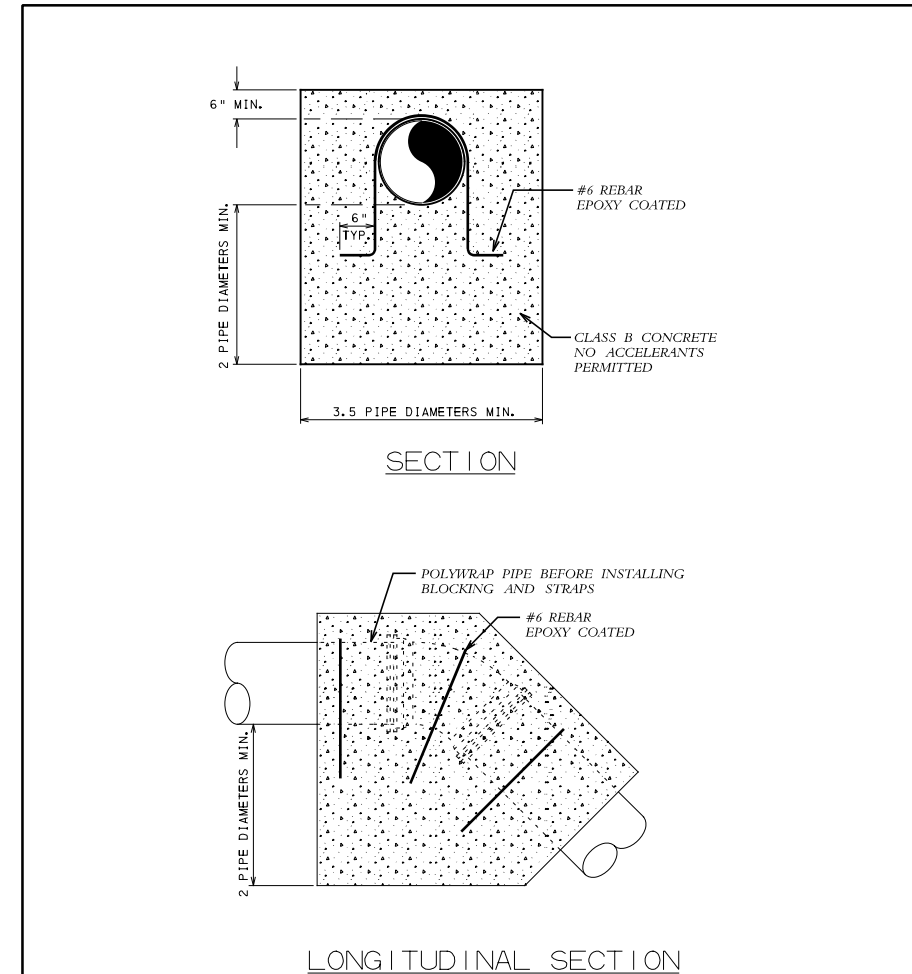
- NOTES:
- SERVICE BOX SHALL BE BINGHAM & TAYLOR BUFFALO STYLE (3" OLD STYLE), No. 4930 OR APPROVED EQUAL.
 - DIMENSIONS IN INCHES; WEIGHT IN POUNDS.
 - LABELLED "WATER" ON THE COVER.

REVISIONS		The Pittsburgh Water and Sewer Authority	
		3" Curb Service Box	
Approved by:		Scale: N.T.S.	Supplemental Detail Drawing: WCB-1



- NOTES:
- Concrete thrust blocking shall be provided at all tees, bends, caps, and plugs. In addition, all pipe bends shall be harnessed with mechanical joint retainer glands, using either set screw or lug type retaining system, as directed.
 - Concrete thrust blocks shall be minimum 4000 PSI cement concrete.
 - See detail WS-VB and WS-VBL for vertical bends requirements.

REVISIONS		The Pittsburgh Water and Sewer Authority	
		Concrete Blocking For Pressure Pipe	
Approved by:		Scale: N.T.S.	Supplemental Detail Drawing: WS-3



- NOTE:
- THE DETAIL REPRESENTS THE APPROXIMATE BLOCKING CONFIGURATION AND ASSUMES SOLID SOIL AND PROPER BURIAL.
 - EXACT SHAPE AND SIZE TO BE DETERMINED IN THE FIELD.
 - POOR SOIL CONDITIONS WILL GREATLY INCREASE THE SIZE OF THE CONCRETE BLOCK.

REVISIONS		The Pittsburgh Water and Sewer Authority	
		Vertical Thrust Block For Small Pipe	
Approved by:		Scale: N.T.S.	Supplemental Detail Drawing: WS-VB

- NOTES:
- WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 - FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 - CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

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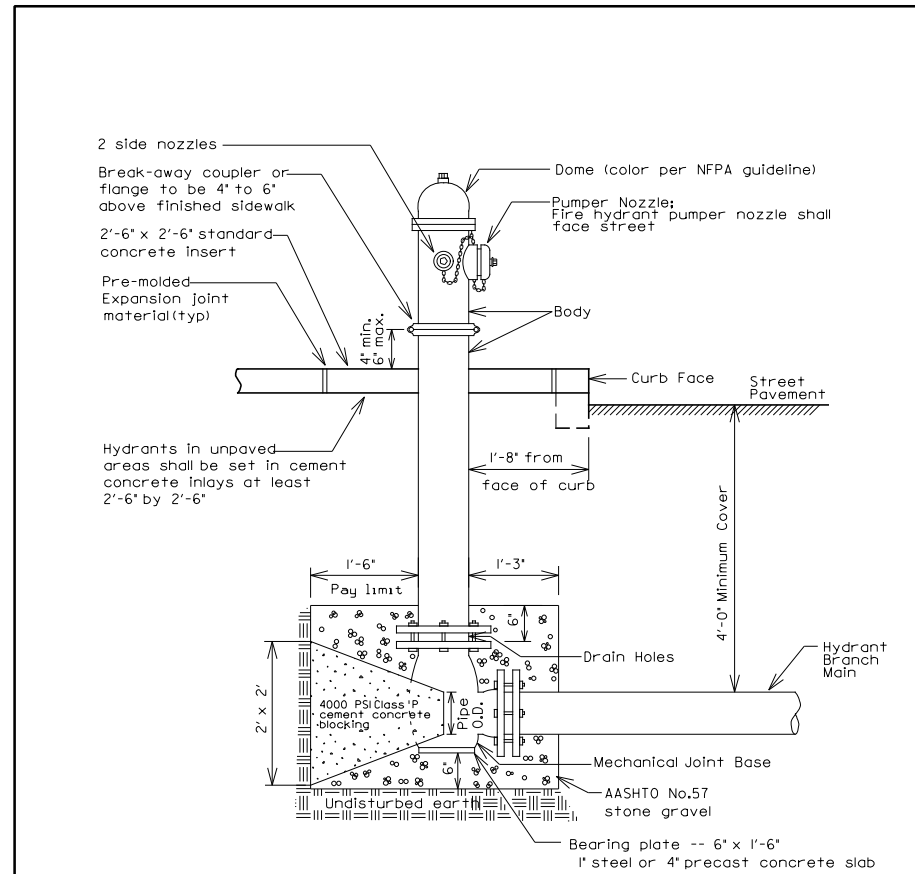
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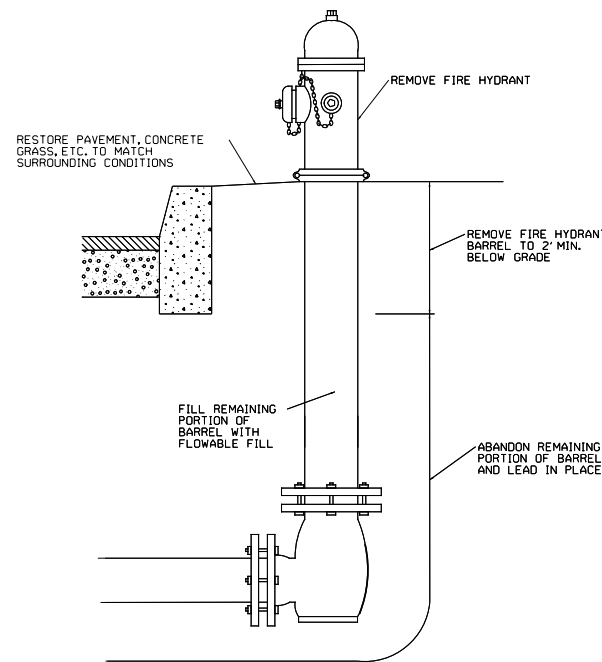
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN PWSA DETAILS		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA1	SHT. 551



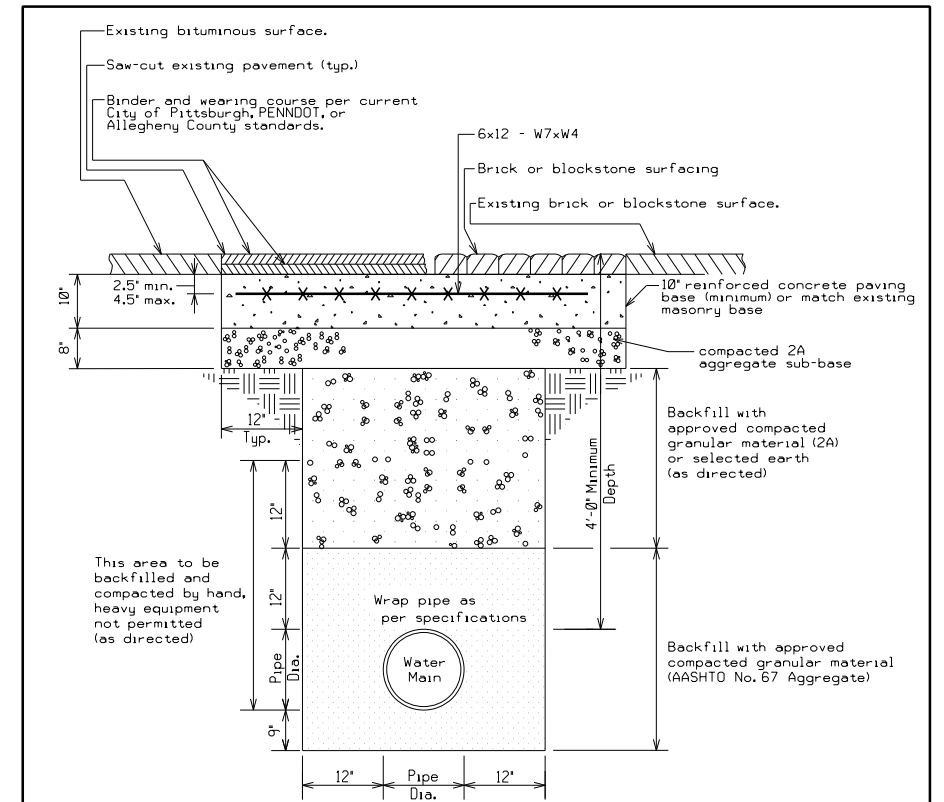
NOTE:
 FOR HYDRANT PAINTING REQUIREMENTS, REFER TO STANDARD DETAIL WS-HYD.

R E V I S I O N S		The Pittsburgh Water and Sewer Authority	
		Fire Hydrant Installation	
Approved by:		Scale: N.T.S.	Supplemental Detail Drawing: WS-4
		#FILENAME#	



NOTE:
 REMOVE/ABANDONED EXISTING HYDRANT VALVES PER DETAIL.

FIRE HYDRANT ABANDONMENT DETAIL
 NOT TO SCALE



- NOTES:**
- All trench backfill material to be placed and mechanically compacted in 6" compacted layers.
 - Trench bedding may need to be modified in poor compaction areas.
 - Certain pipe materials and/or related trench materials may need to be substituted if contaminated soils are encountered.
 - Reinforcement shall be considered incidental to concrete paving base.
 - Paving material to match existing street surface and shall conform with requirements of owner.
 - Concrete saw-cut to be vertical and neat. Clean and wet when new concrete is poured.

R E V I S I O N S		The Pittsburgh Water and Sewer Authority	
		Water Line Trench And Repaving	
Approved by:		Scale: N.T.S.	Supplemental Detail Drawing: WS-1
		#FILENAME#	

- NOTES:**
- WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 - FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 - CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

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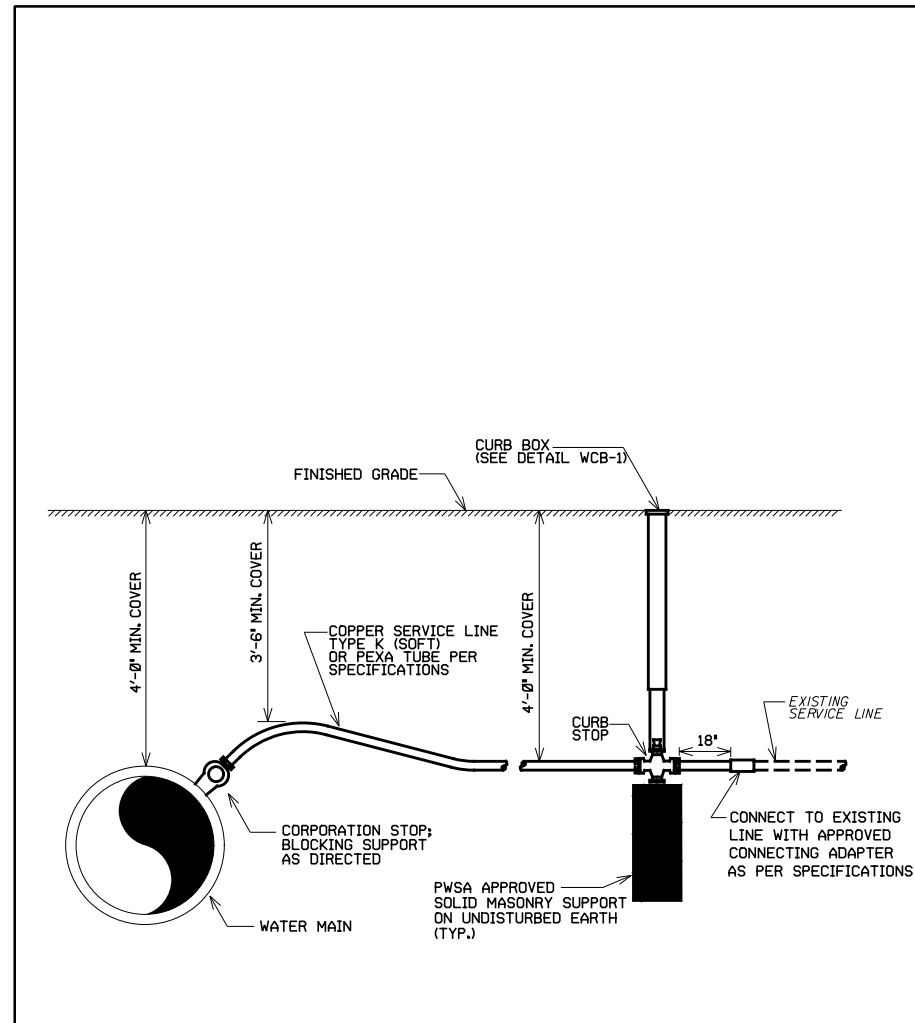
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN PWSA DETAILS		
Port Authority connecting people to life	CONTRACT NO. BRT-001	
DWG. NO. PWSA2	SHT. 552	



NOTE:
 1. FOR PEXA PIPE INSTALLATION, CORPORATION AND CURB STOPS SHALL BE COMPRESSION TYPE FITTING AND SHALL HAVE TRACER WIRE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 2. POLYWRAP ALL METALLIC PIPE, FITTINGS AND VALVES.

R E V I S I O N S		The Pittsburgh Water and Sewer Authority Water Service Line Reconnection To Existing Service	Scale: N.T.S. #FILENAME#	Supplemental Detail Drawing: WS-5
Approved by:				

3/21/2024



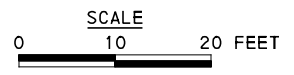
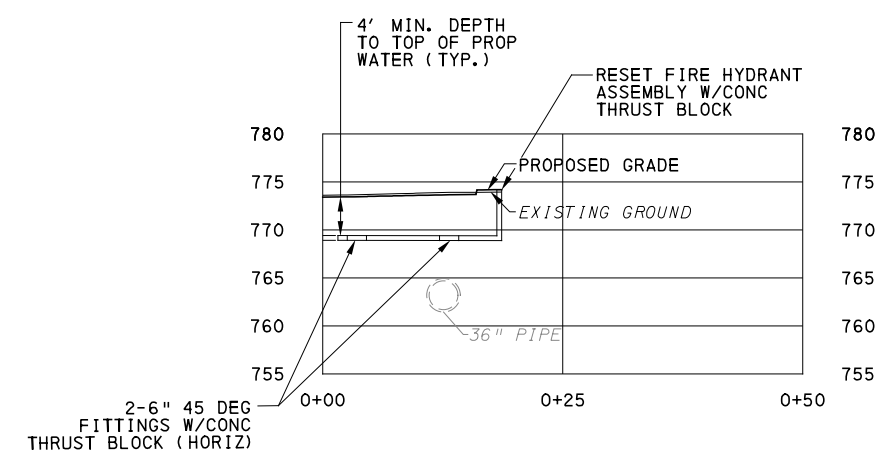
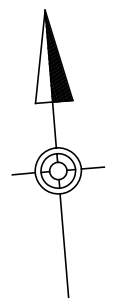
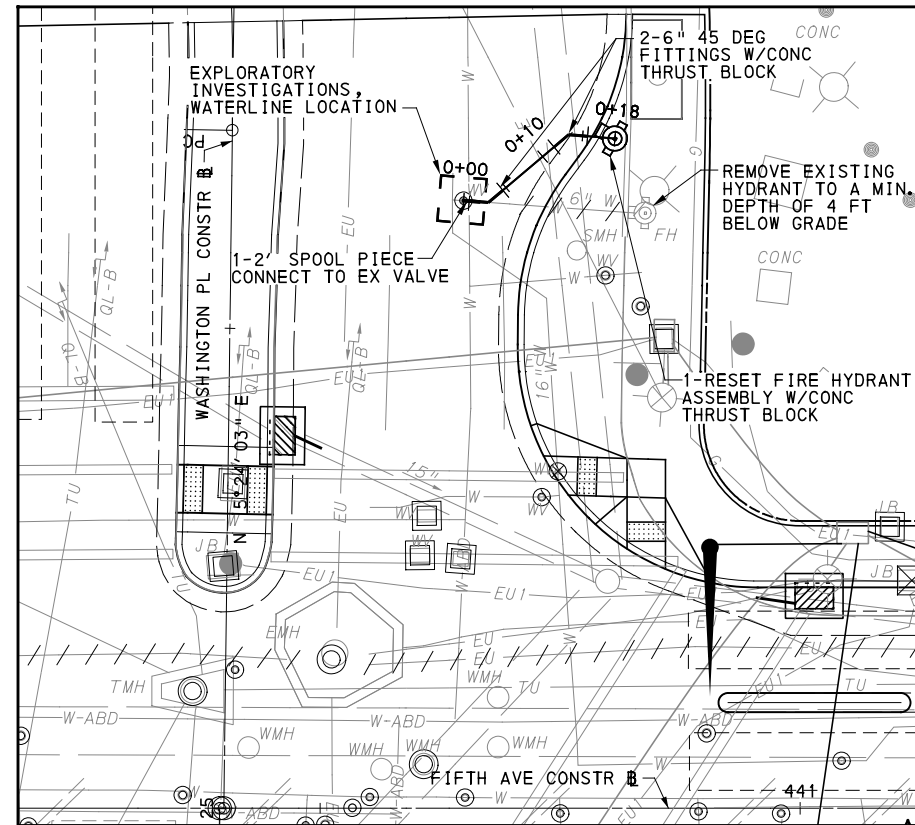
NO.	DATE	DESCRIPTION
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(NOT FOR CONSTRUCTION)

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IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN PWSA DETAILS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. PWSA3	SHT. 553



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 359]

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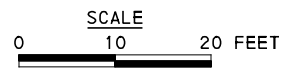
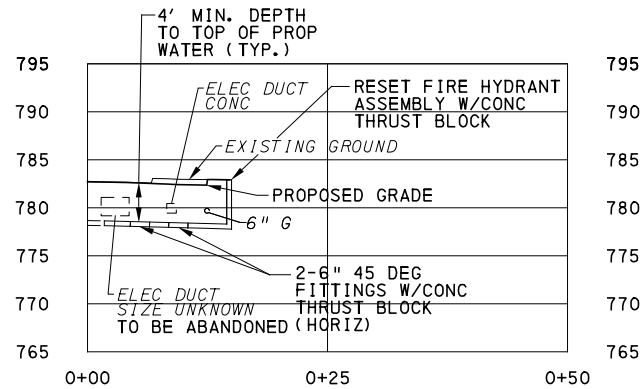
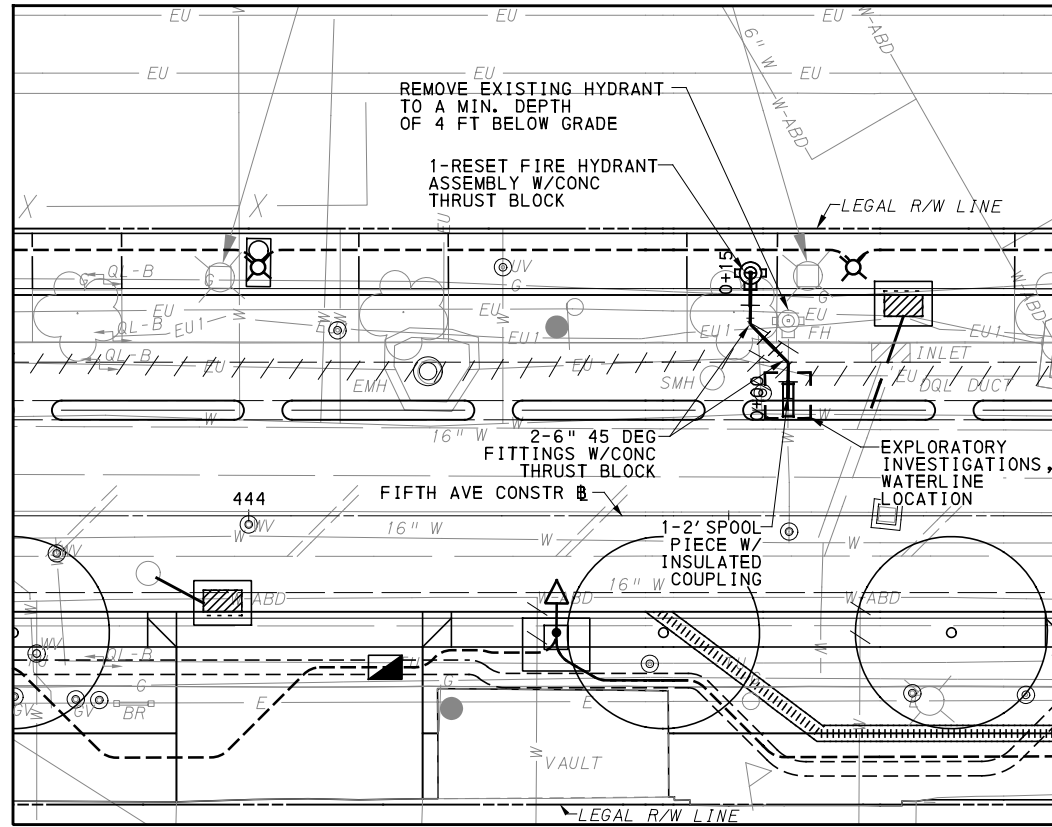
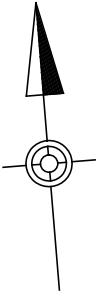
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 441+00		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA4	SHT. 554



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 359]



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NO.	DATE	DESCRIPTION
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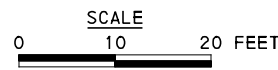
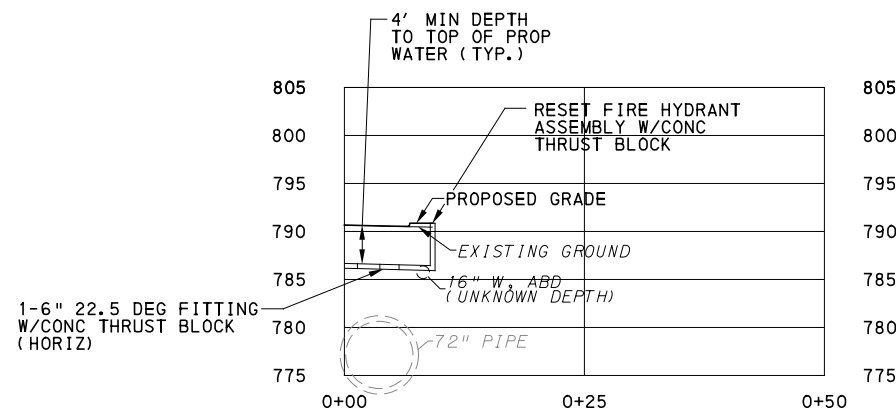
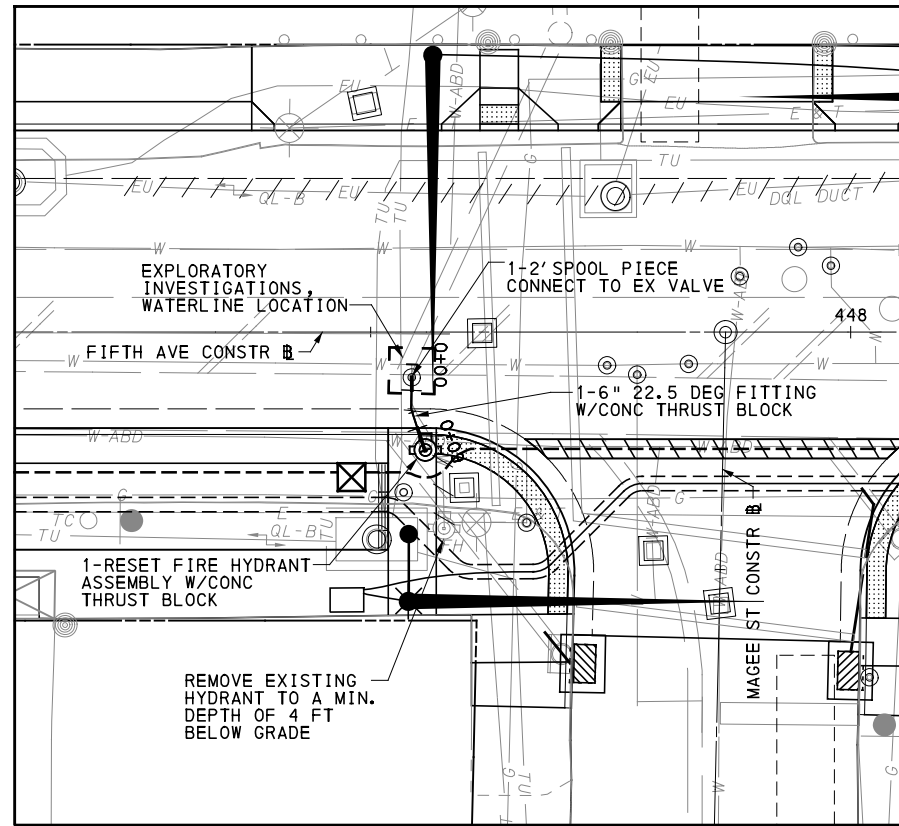
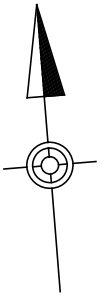
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
PWSA WATERLINE RELOCATION PLAN
FIFTH AVE - STA 444+50

Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA5	SHT. 555



NOTES:

1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 359]



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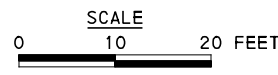
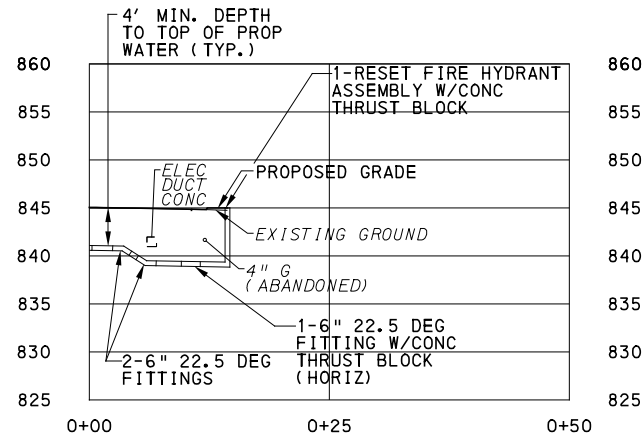
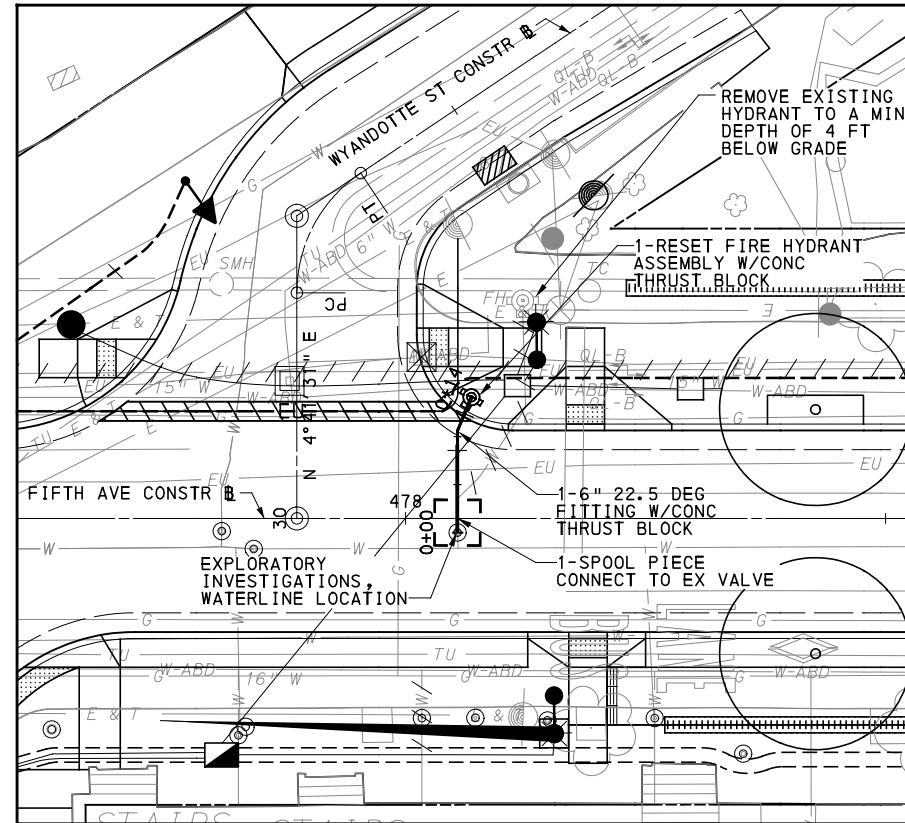
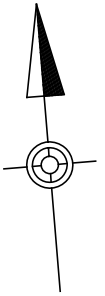
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE & MAGEE ST - STA 448+00	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. PWSA6 SHT. 556



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 365]



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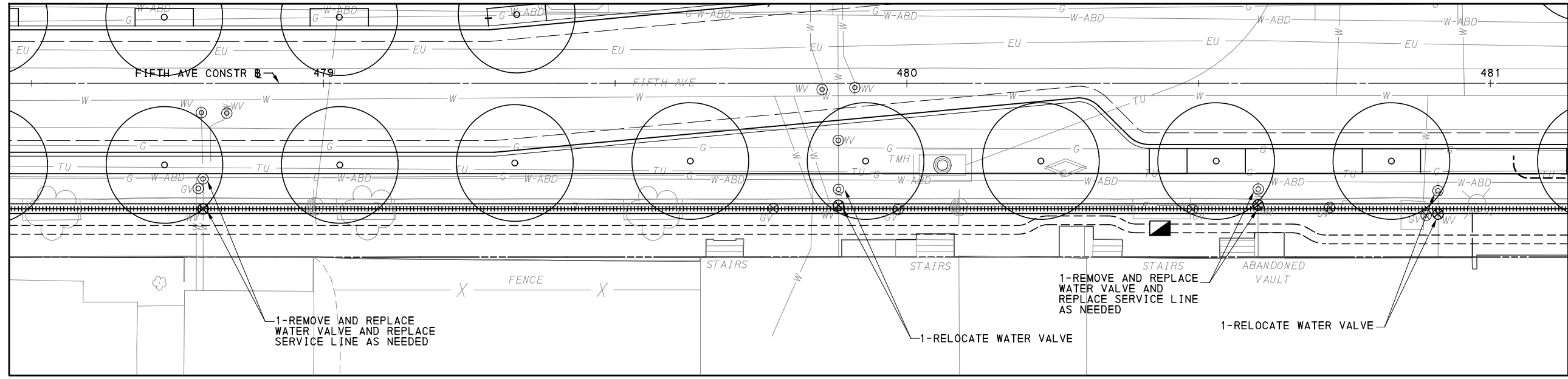
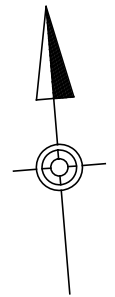
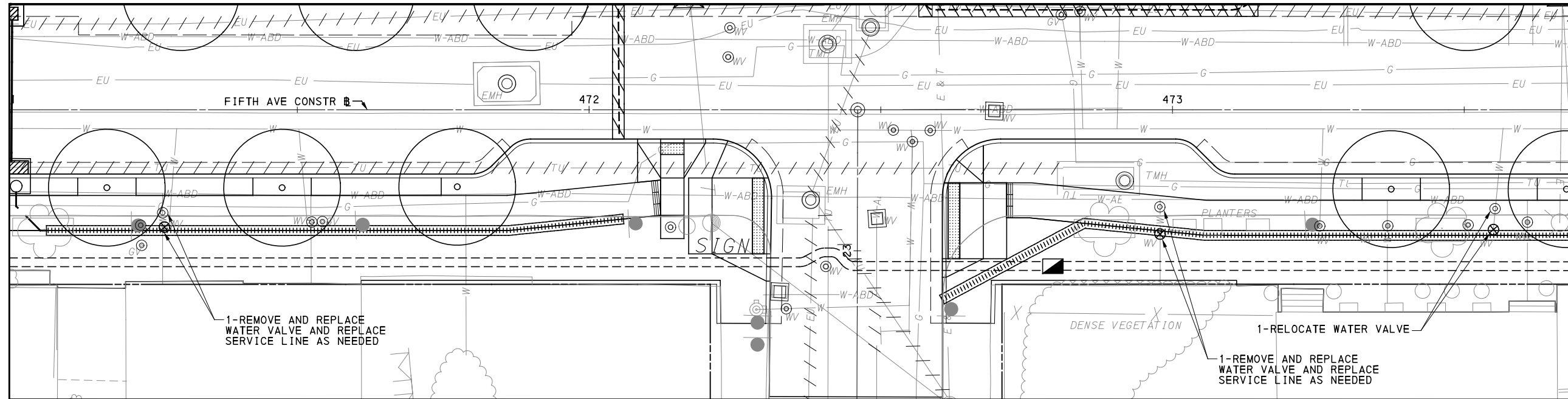
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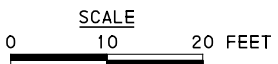
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE & WYANDOTTE ST - STA 478+00		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA7	SHT. 557



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.



[FOR ROADWAY PLAN SEE SHEET 365]

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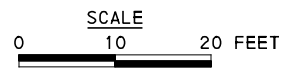
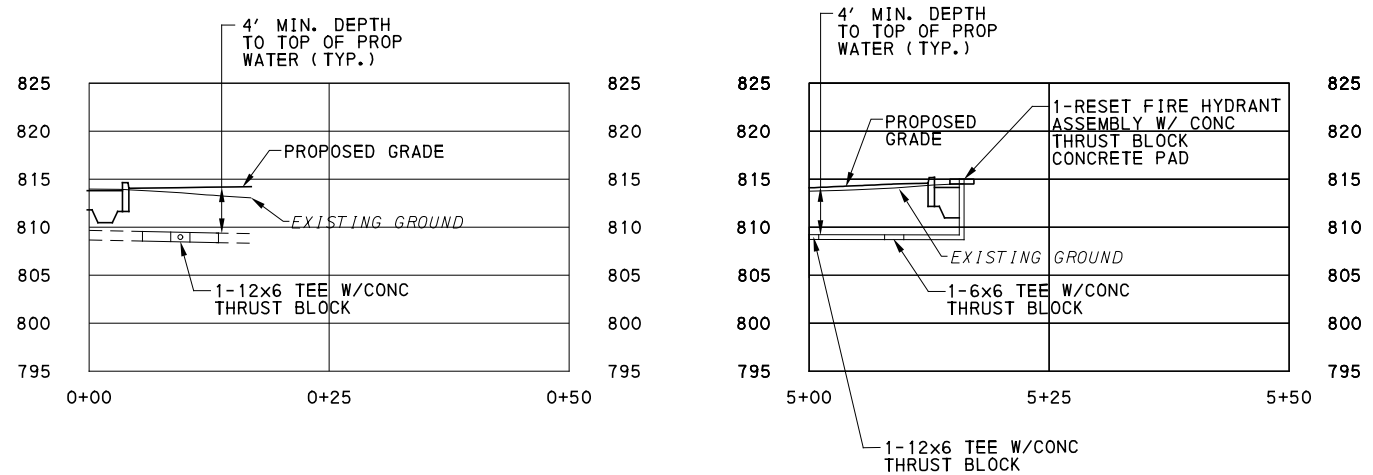
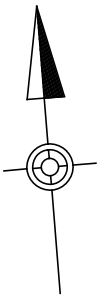
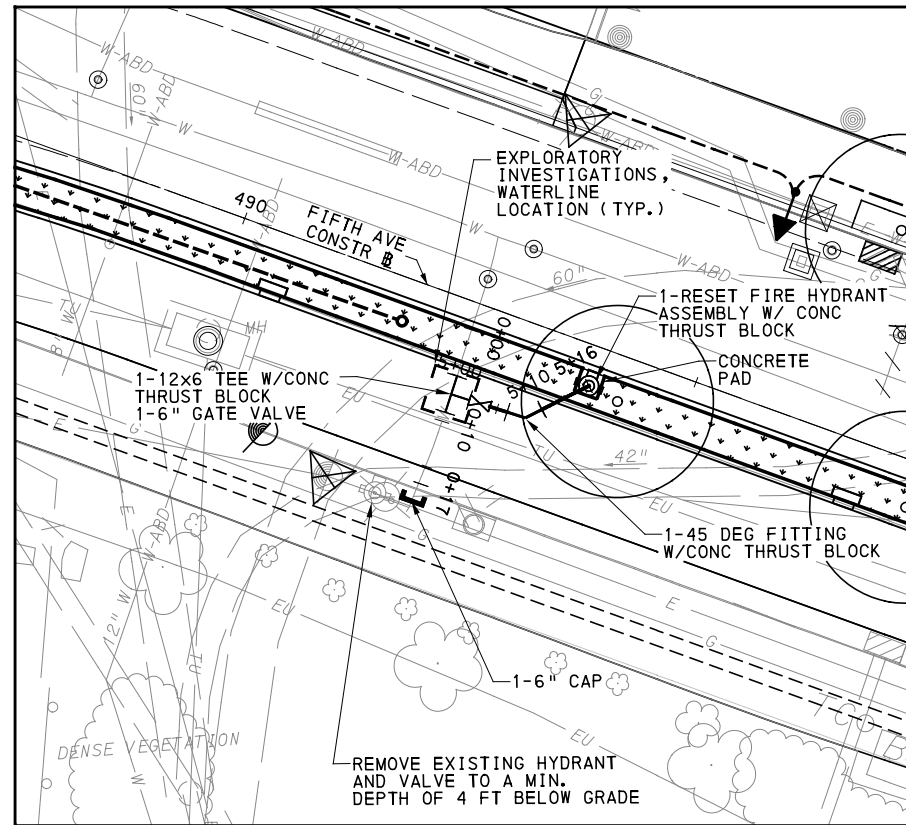
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 471+00 TO STA 481+00		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA8	SHT. 558



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 368]

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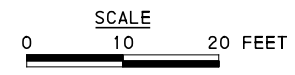
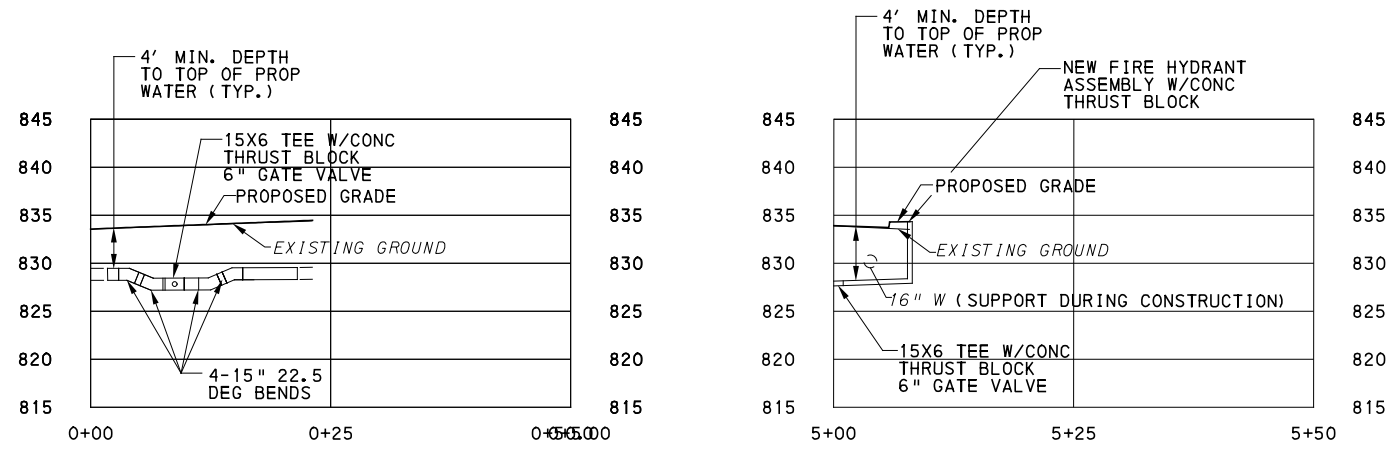
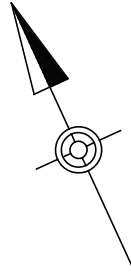
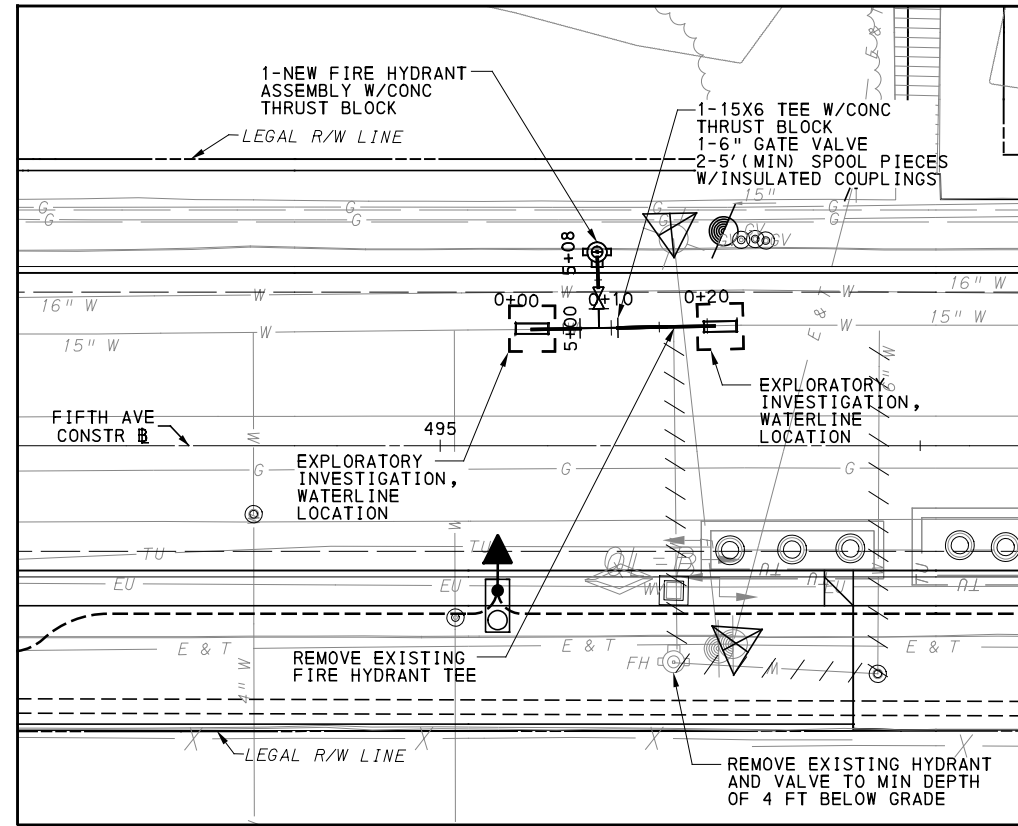
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 490+00	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. PWSA9 SHT. 559



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 368]

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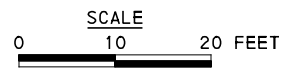
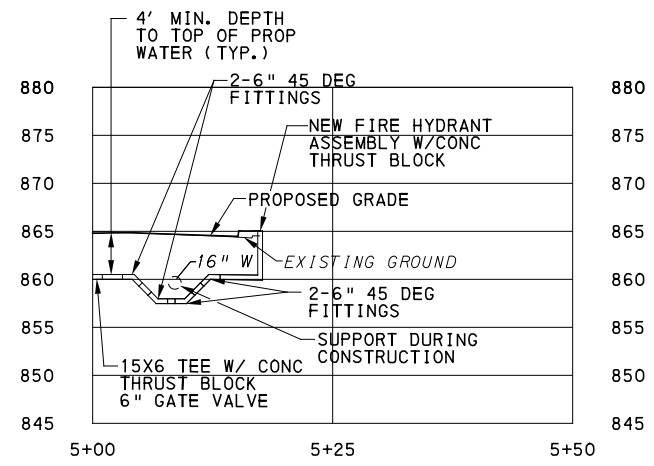
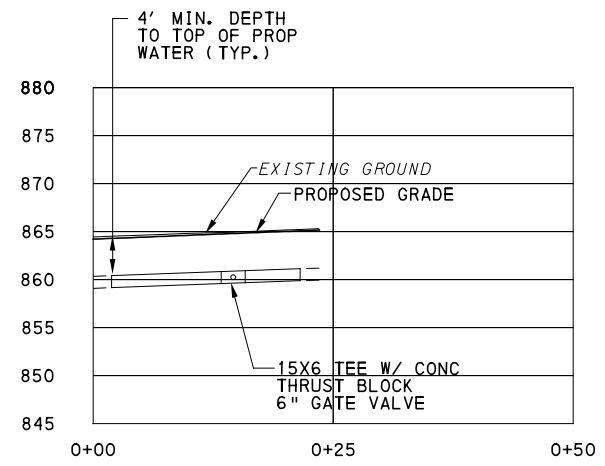
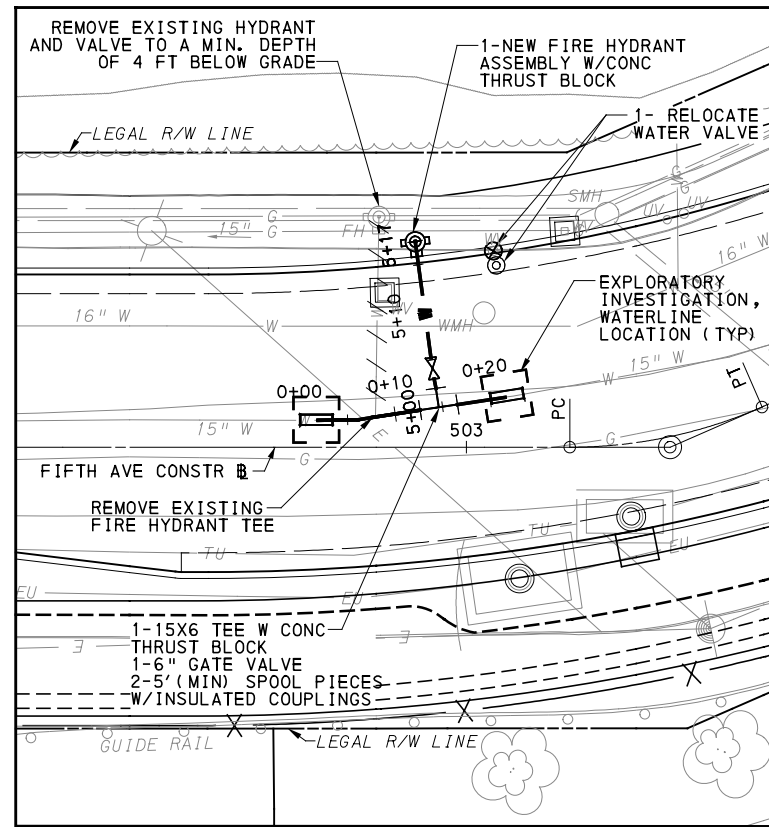
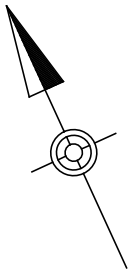
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 495+00		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA10	SHT. 560



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 370]

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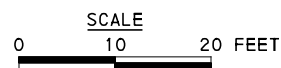
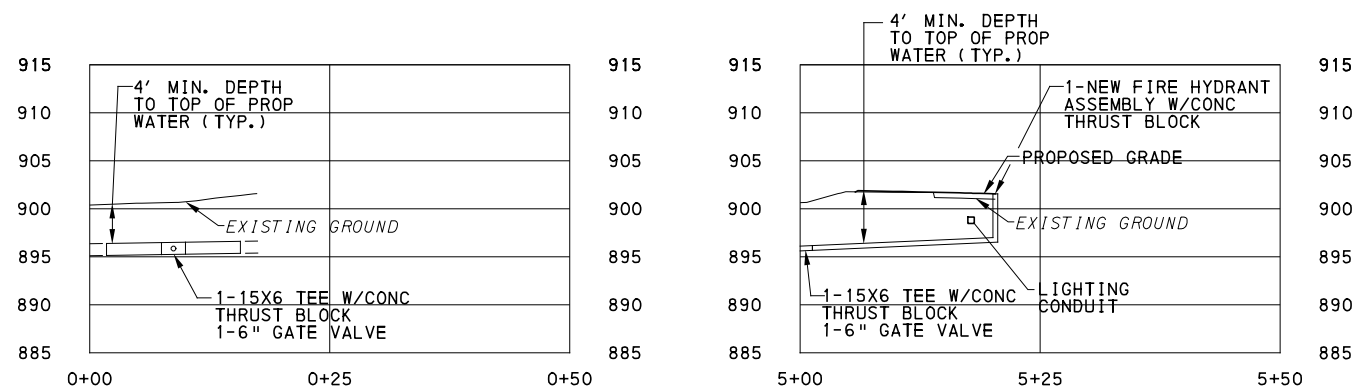
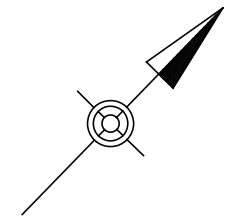
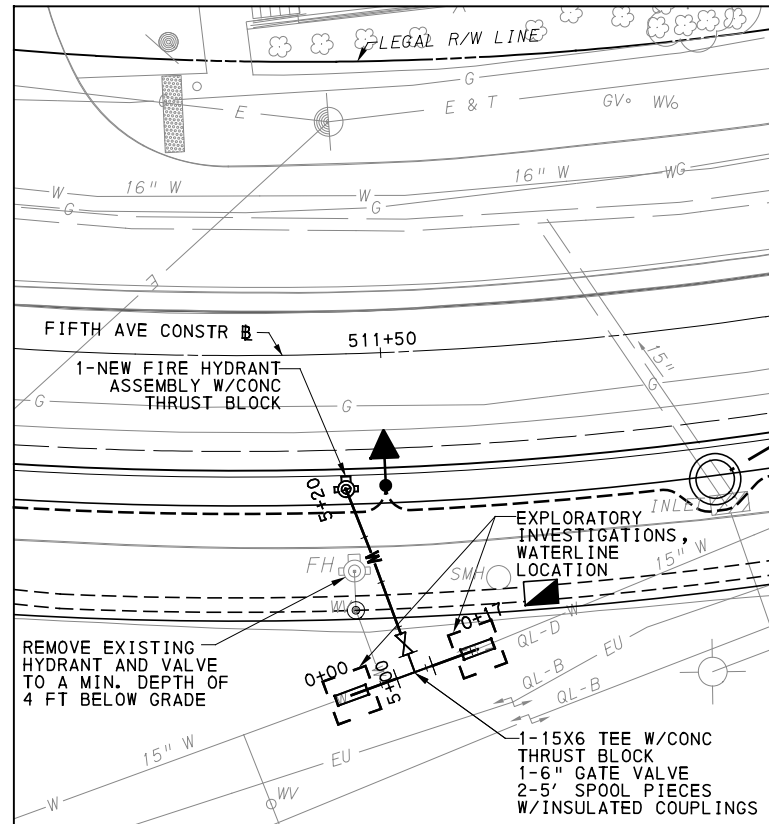
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 503+00	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. PWSA11 SHT. 561



NOTES:

1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 371]



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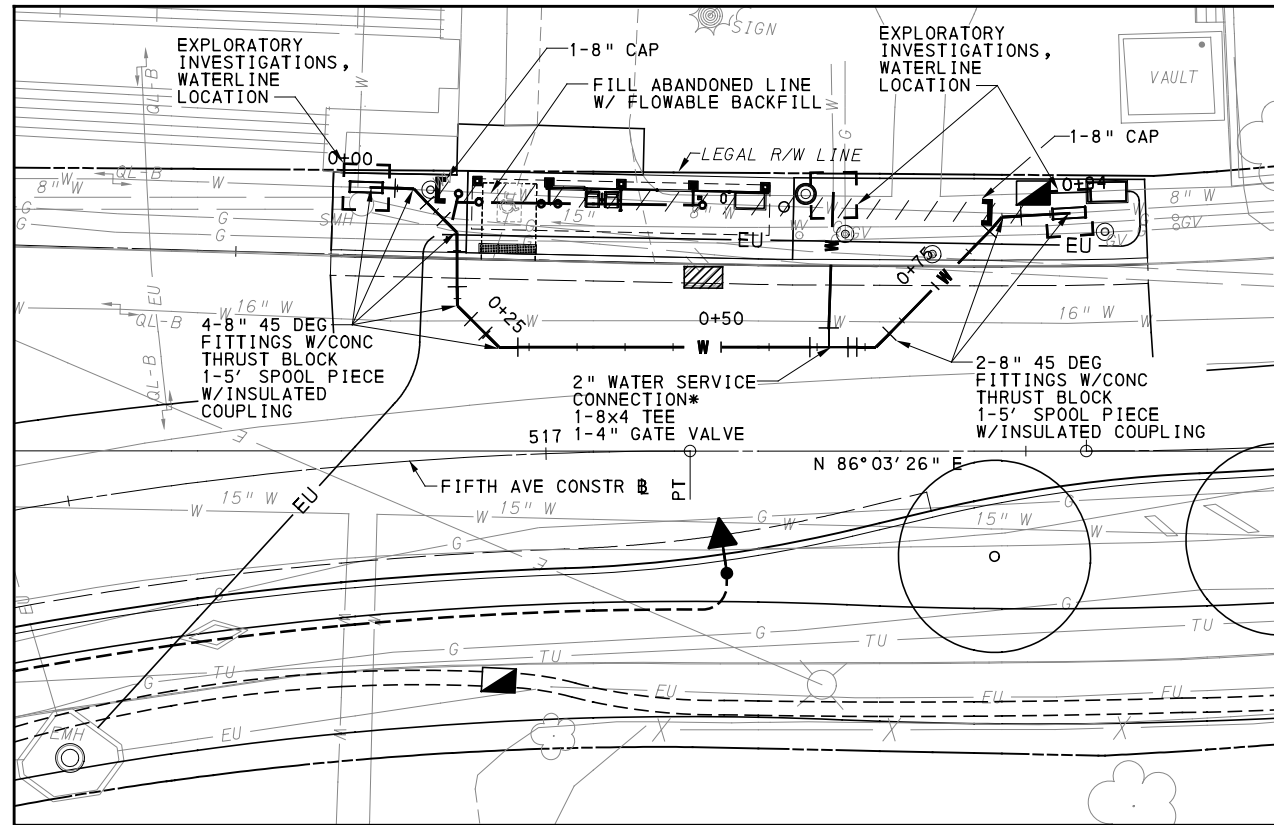
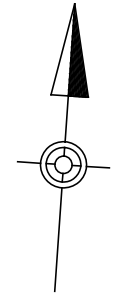
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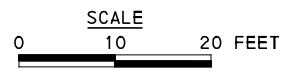
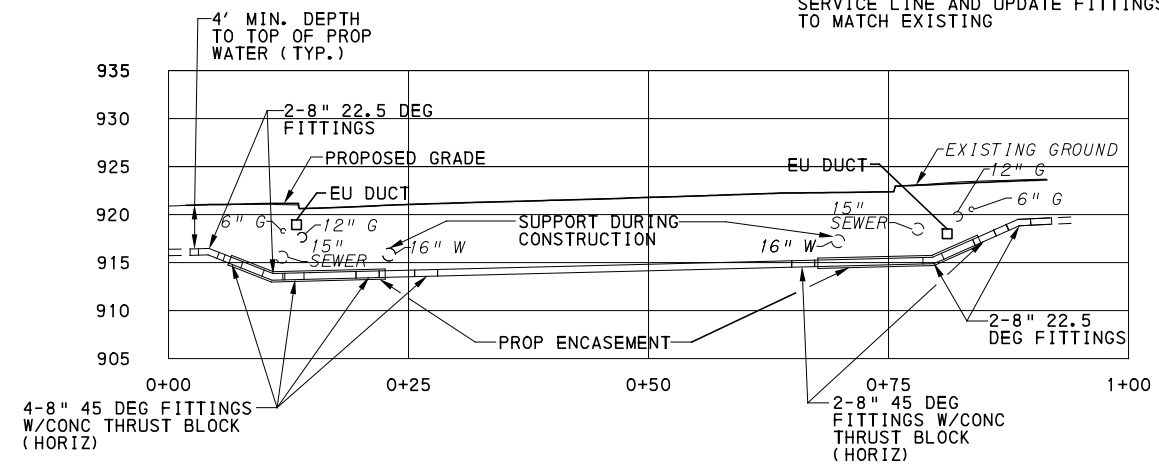
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
PWSA WATERLINE RELOCATION PLAN
FIFTH AVE - STA 511+50



CONTRACT NO. BRT-001	
DWG. NO.	PWSA12
SHT.	562



*CONTRACTOR TO FIELD VERIFY SIZE OF EXISTING SERVICE LINE AND UPDATE FITTINGS AS NEEDED TO MATCH EXISTING



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 372]

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 5th Floor
 Pittsburgh, PA 15219

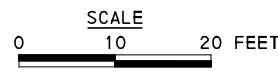
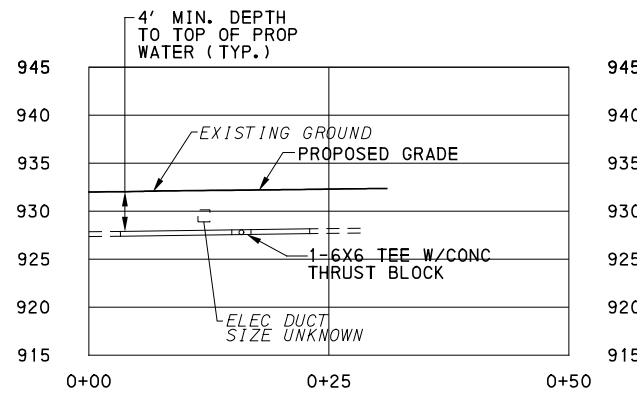
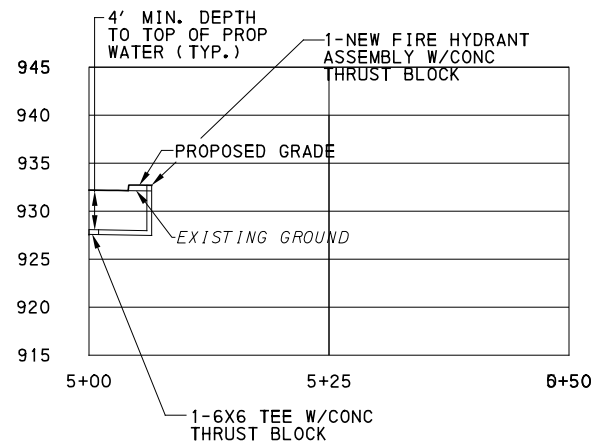
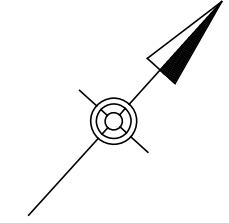
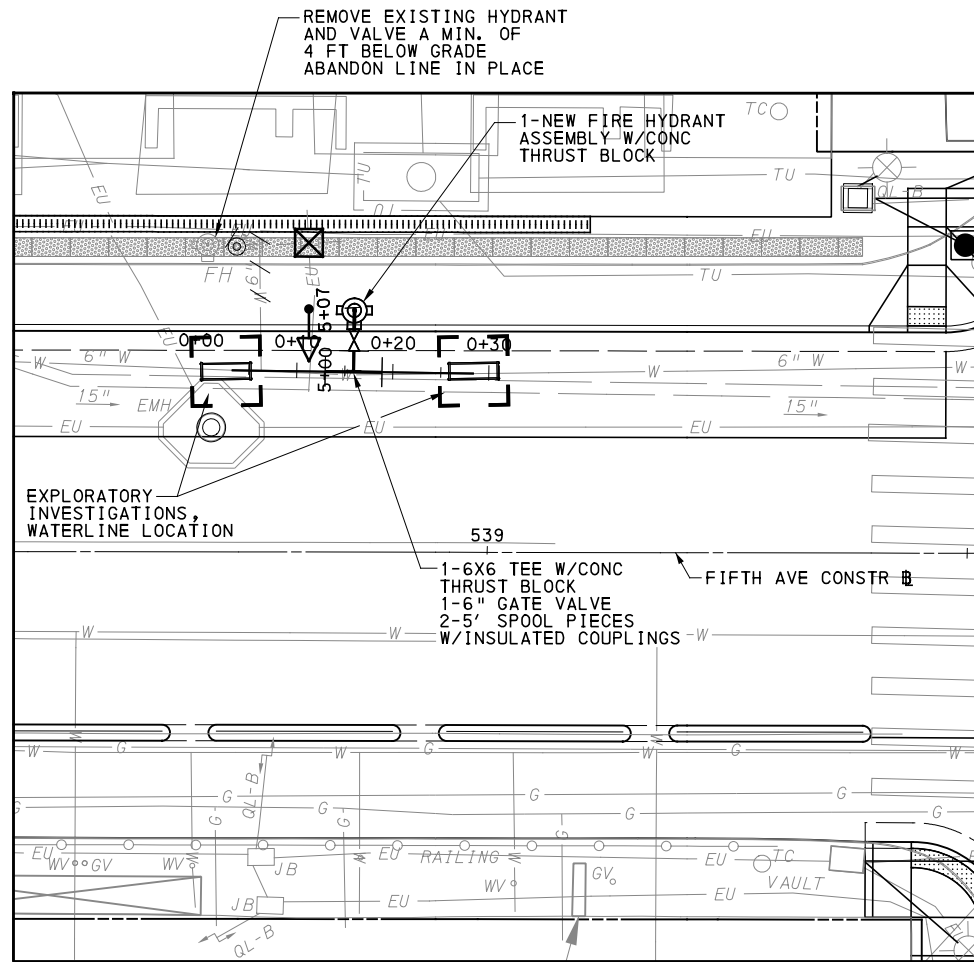
NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

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IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 517+00		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA13	SHT. 563



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 376]

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
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(NOT FOR CONSTRUCTION)

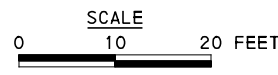
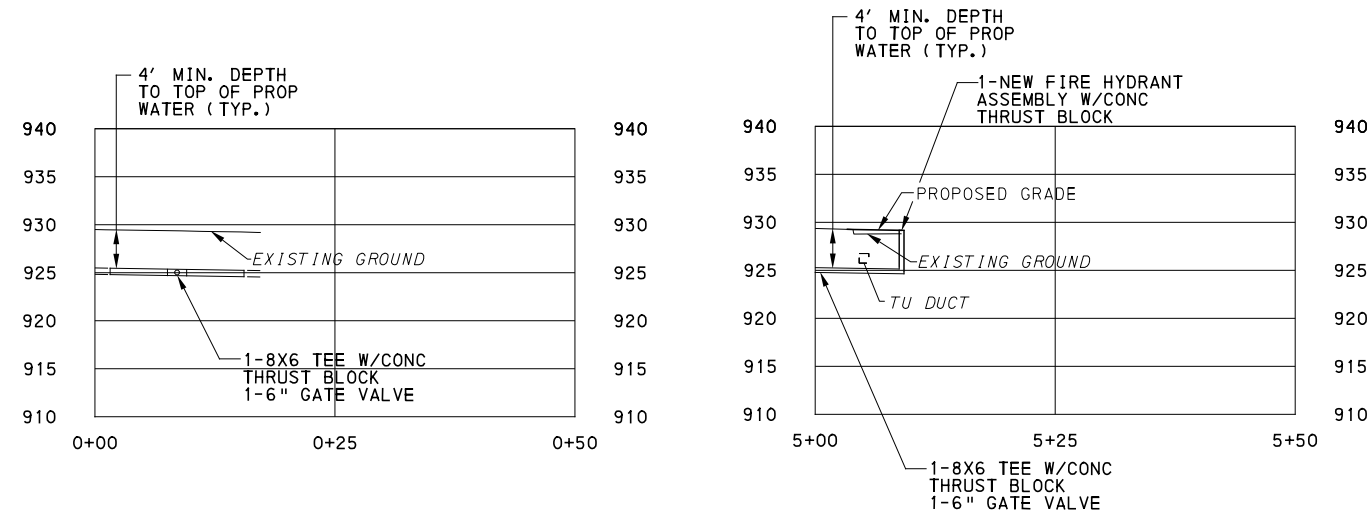
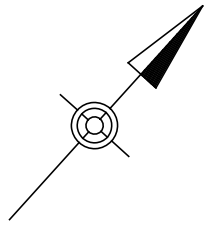
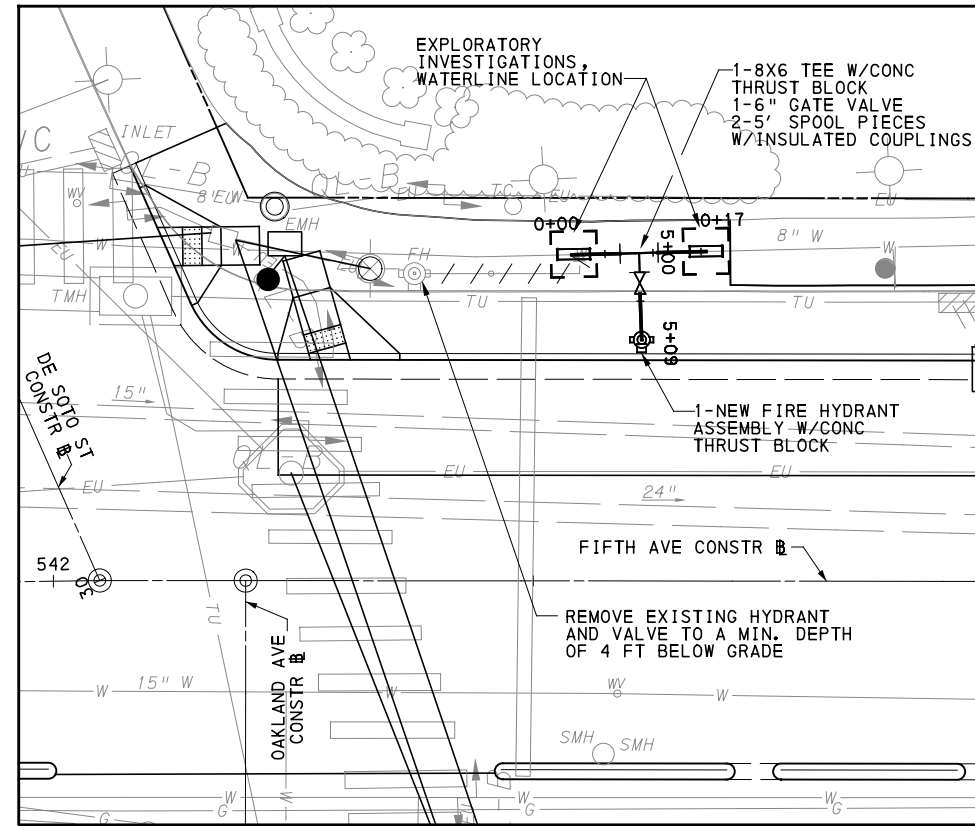
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 PWSA WATERLINE RELOCATION PLAN
 FIFTH AVE - STA 539+00

Port Authority
 connecting people to life™

CONTRACT NO. BRT-001	
DWG. NO. PWSA14	SHT. 564



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 377]



Gulf Tower
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5th Floor
Pittsburgh, PA 15219

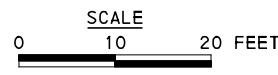
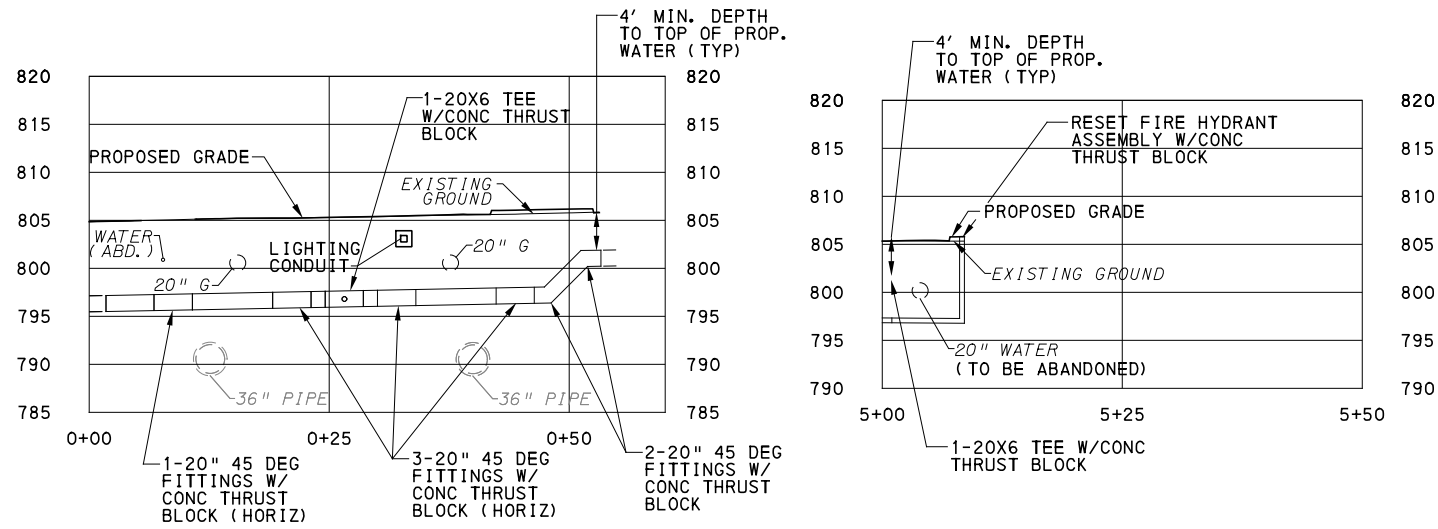
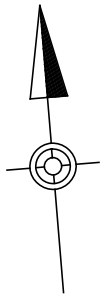
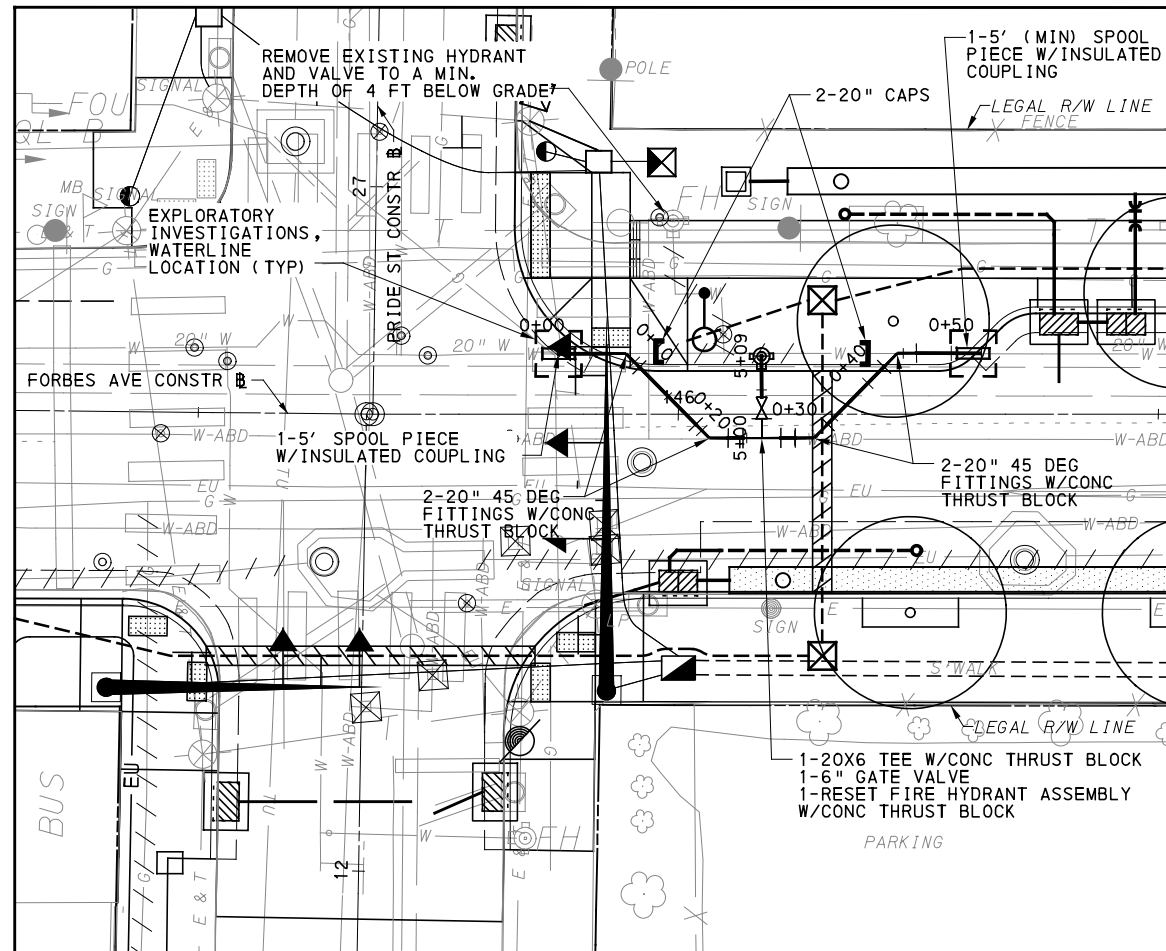
NO.	DATE	DESCRIPTION
REVISIONS		

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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FIFTH AVE - STA 542+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. PWSA15 SHT. 565



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 387]

AECOM
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 Pittsburgh, PA 15219

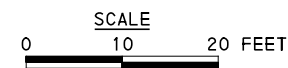
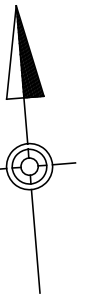
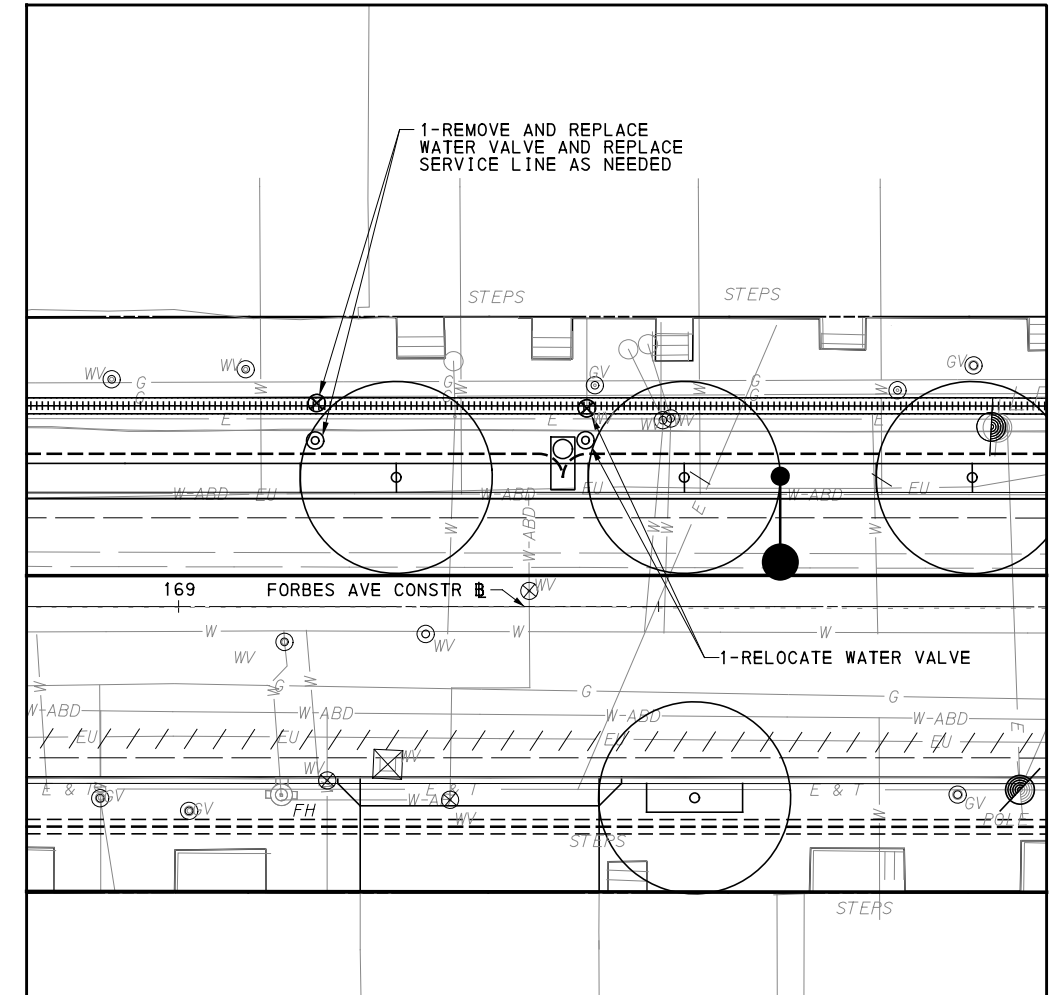
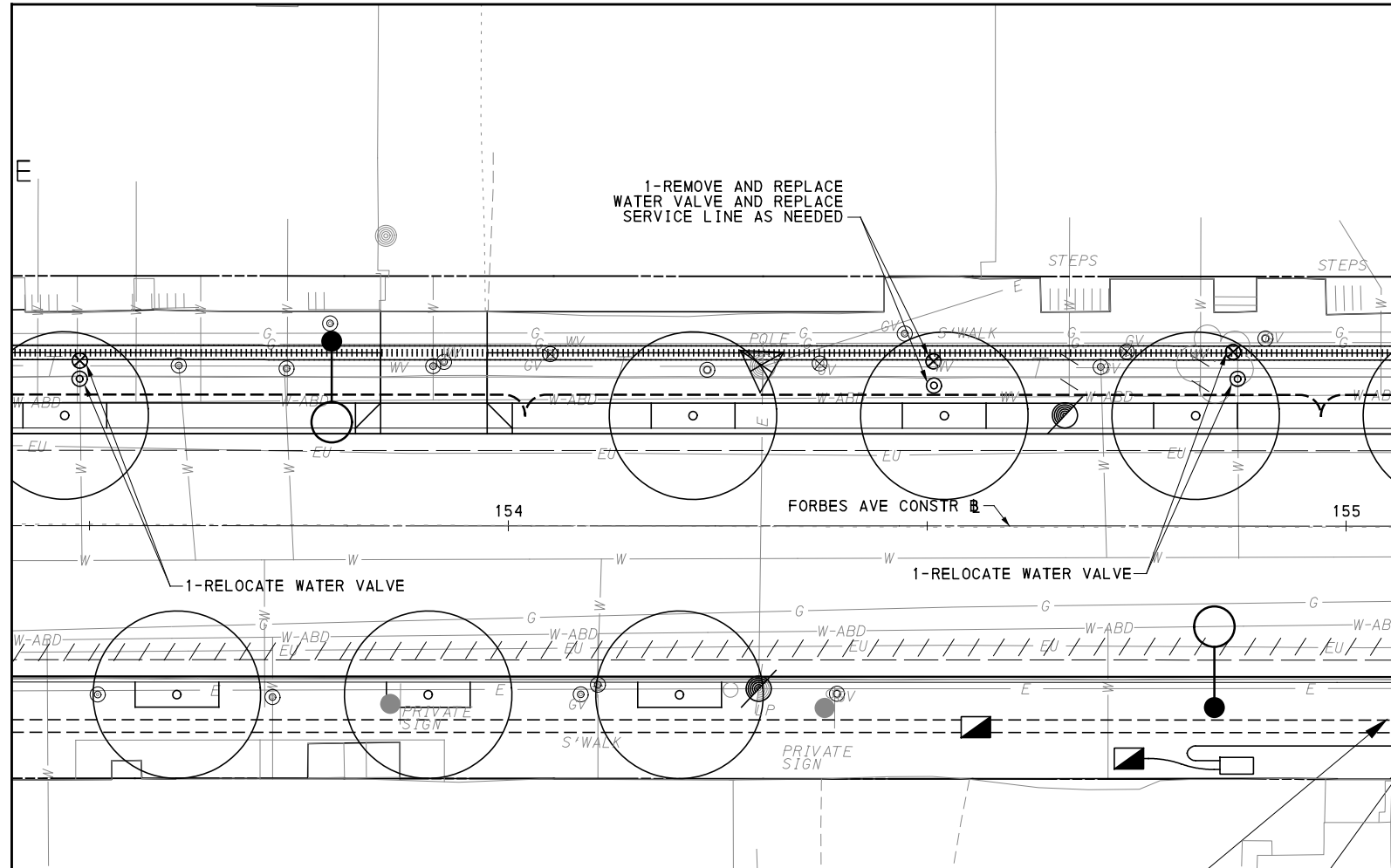
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FORBES AVE & PRIDE ST - STA 146+00		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA16	SHT. 566



NOTES:

1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 388]



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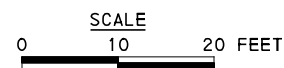
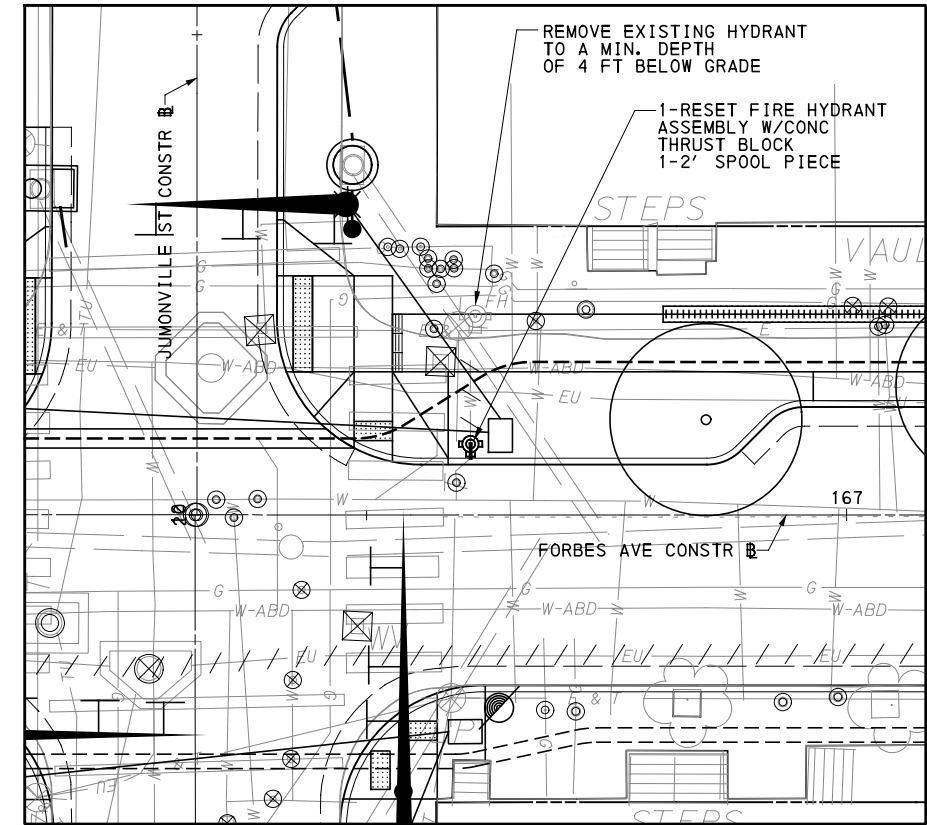
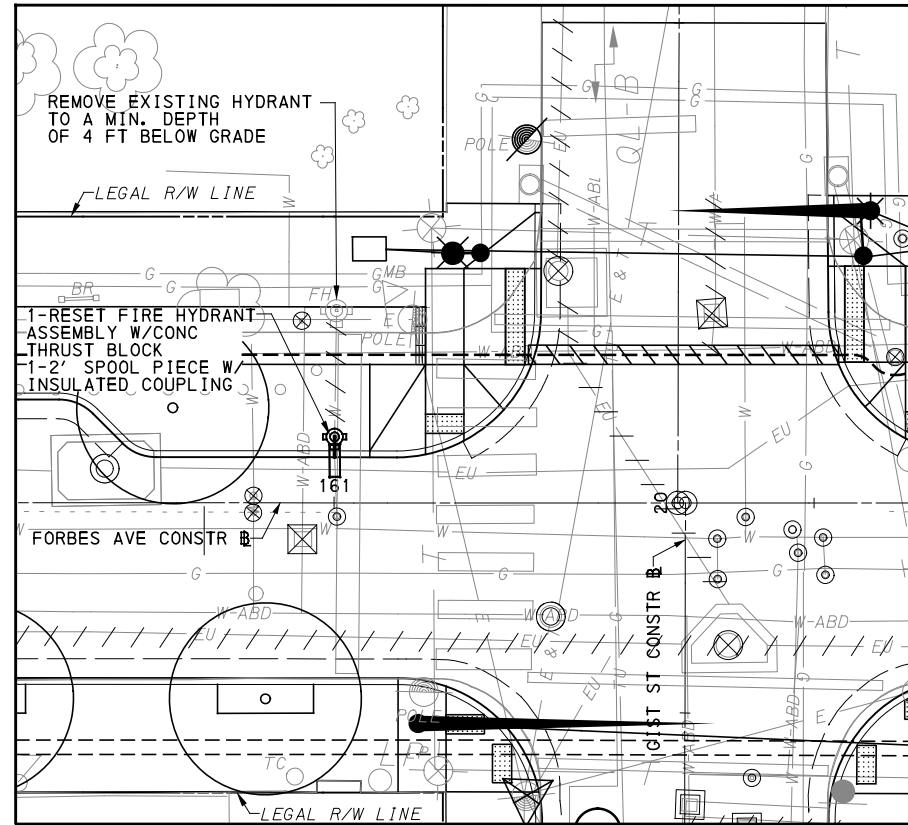
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
PWSA WATERLINE RELOCATION PLAN
FORBES AVE - STA 153+00 TO STA 171+00



CONTRACT NO. BRT-001

DWG. NO.	PWSA17	SHT.	567
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NOTES:

1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 393]



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

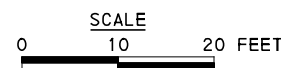
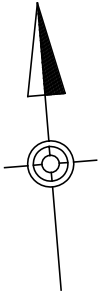
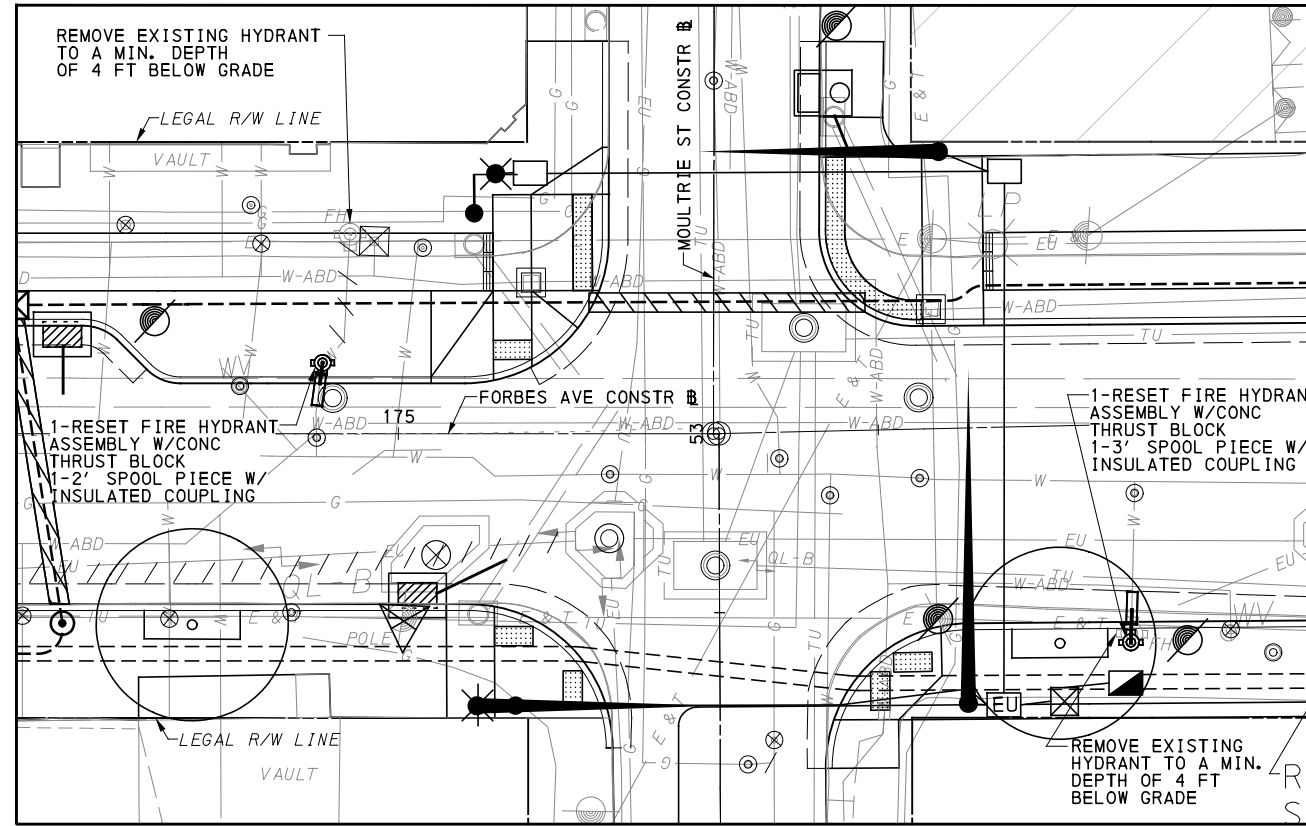
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CHECKED	BD
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FORBES AVE - STA 161+00 & 166+50		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA18	SHT. 568



NOTES:

1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 393]



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

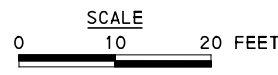
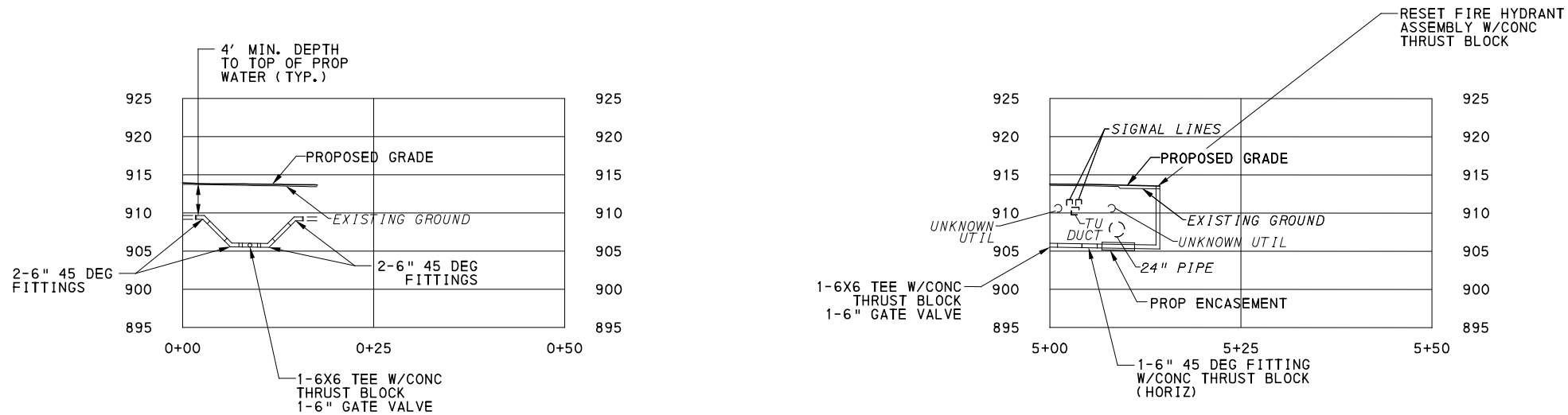
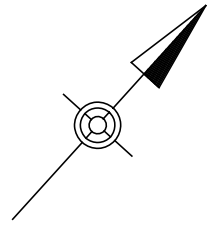
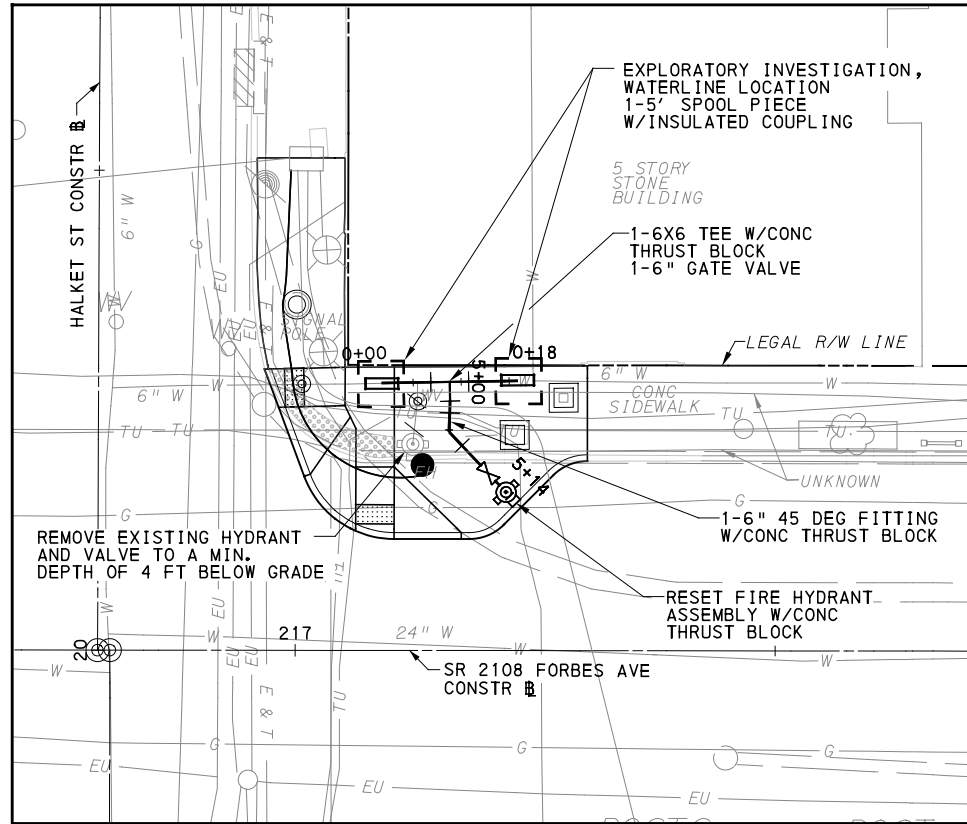
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FORBES AVE - STA 175+00		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA19	SHT. 569



- NOTES:**
1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
 2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
 3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 396]

AECOM
 Gulf Tower
 707 Grant Street
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 Pittsburgh, PA 15219

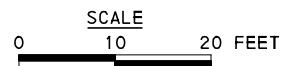
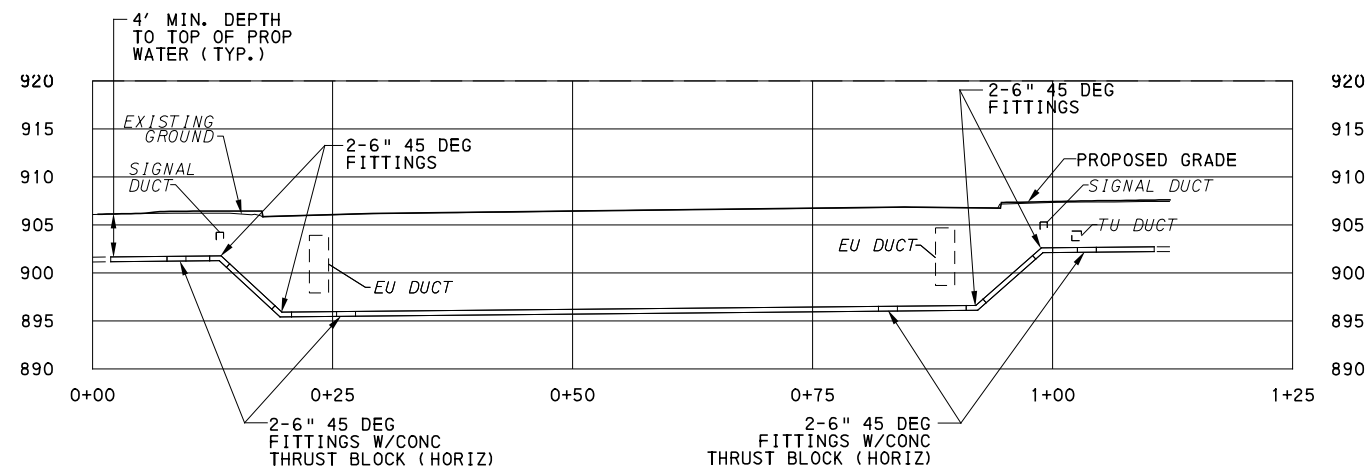
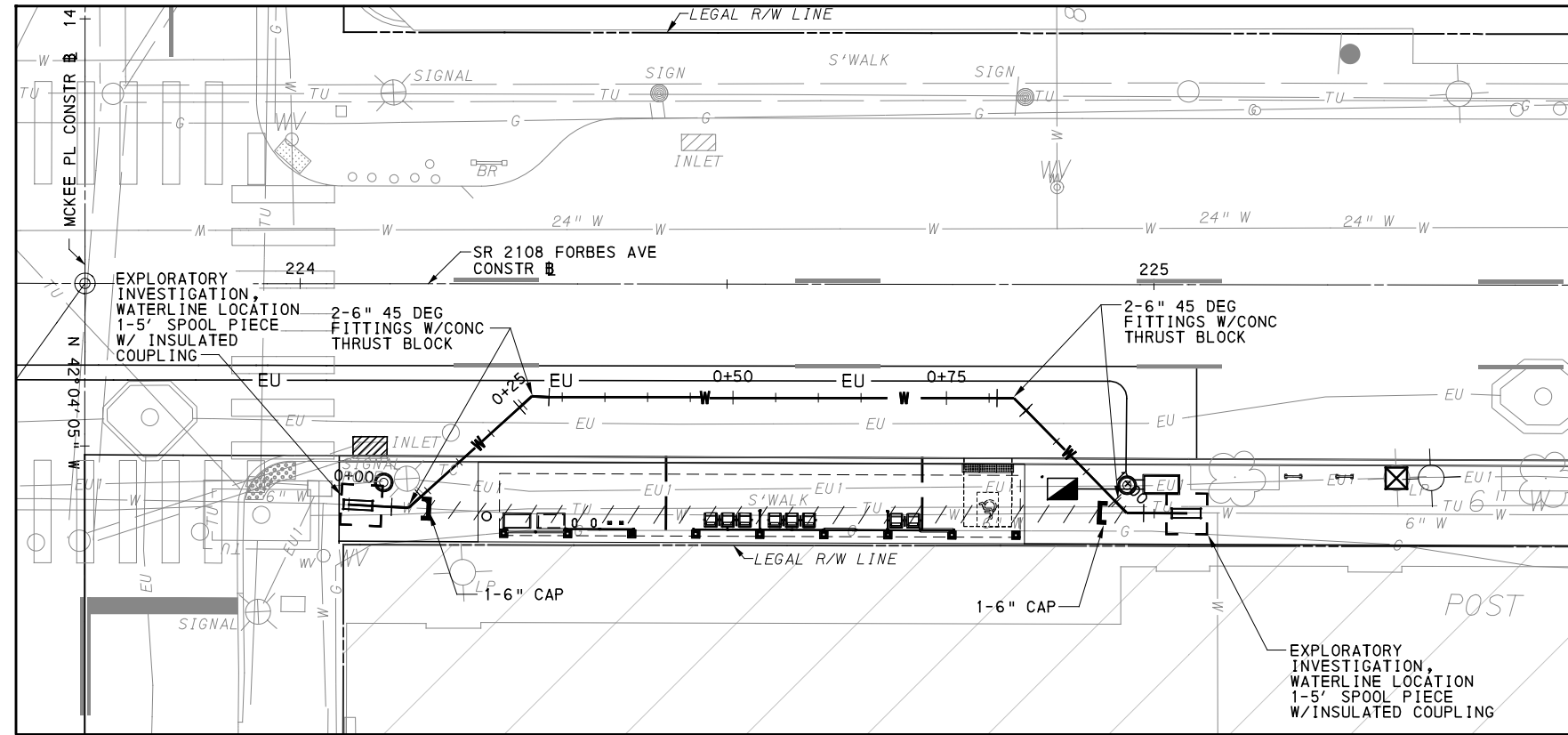
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IN CHARGE	LAR
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND PWSA WATERLINE RELOCATION PLAN FORBES AVE & HALKET ST - STA 217+00		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA20	SHT. 570



NOTES:

1. WHEN EXCAVATION IS REQUIRED IN CLOSE PROXIMITY TO EXISTING UTILITIES, CONTRACTOR SHALL NOTIFY THE UTILITY COMPANY NO LESS THAN 3 DAYS PRIOR.
2. FOR ALL POTENTIAL CONFLICTS WITH EXISTING UTILITIES, CONTRACTOR TO PERFORM EXPLORATORY EXCAVATIONS TO DETERMINE THEIR LOCATIONS PRIOR TO STARTING THEIR WORK.
3. CONTRACTOR TO FIELD LOCATE ELECTRICAL DUCT BANKS. NO WATERLINE FITTINGS SHALL BE PLACED UNDER EXISTING OR PROPOSED DUCT BANKS.

[FOR ROADWAY PLAN SEE SHEET 397]



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

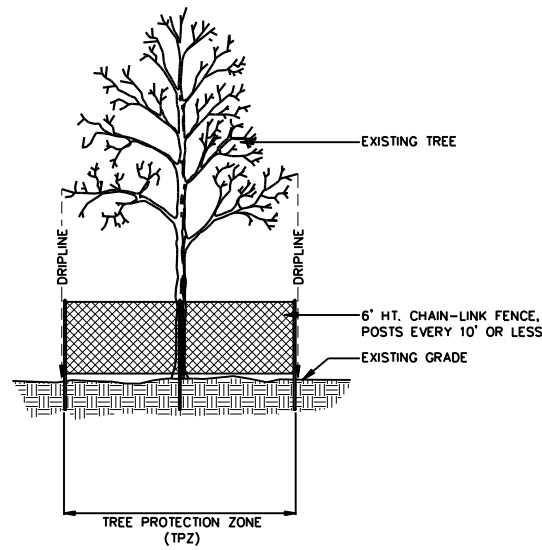
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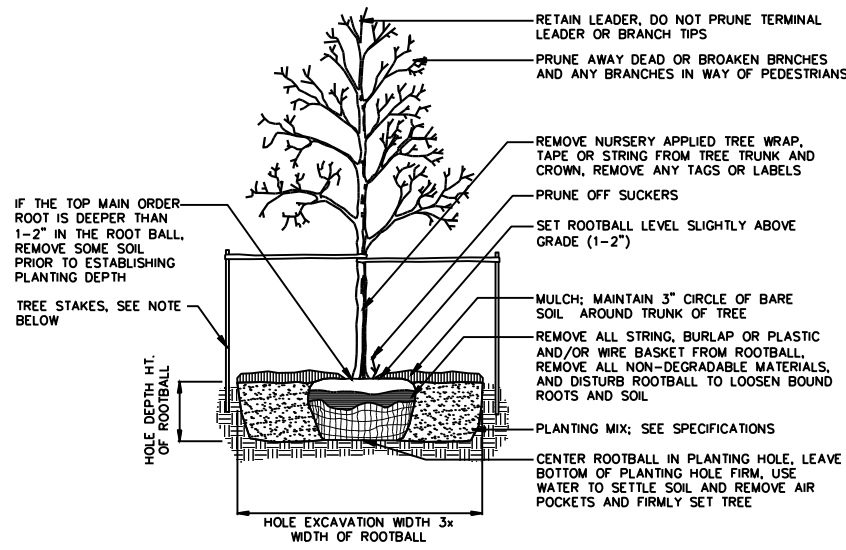
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 PWSA WATERLINE RELOCATION PLAN
 FORBES AVE & MCKEE PLACE - STA 224+00

Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. PWSA21	SHT. 571



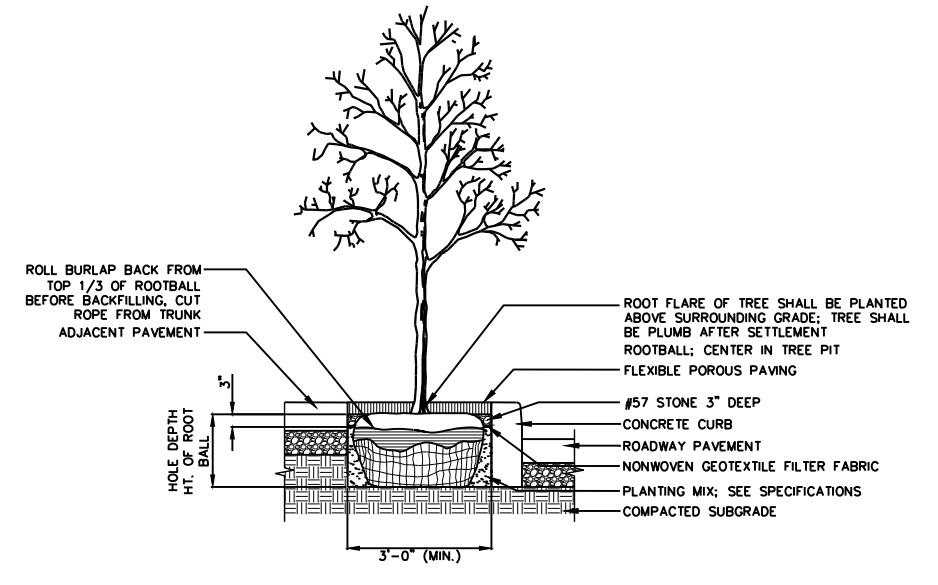
NOTE: REFER TO CLEARING AND GRUBBING SPECIFICATION SECTION 02231 FOR CITY OF PITTSBURGH FORESTRY DIVISION TREE PROTECTION ZONE (TPZ) STANDARDS.

1 EXISTING TREE PROTECTION
LS01 SCALE: N.T.S. ELEVATION



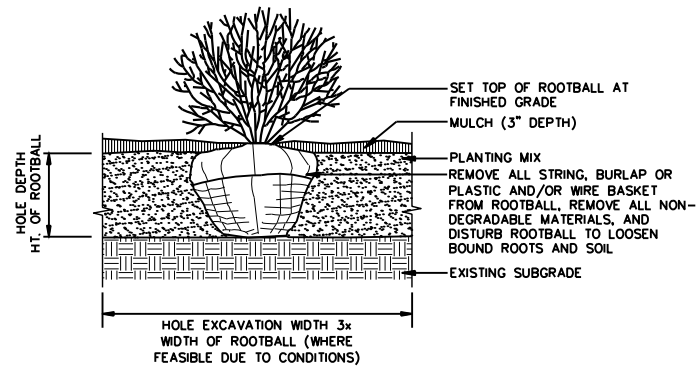
NOTE: STAKE WITH TWO 8' LONG WOOD 'TEE' POSTS OR APPROVED EQUAL DRIVEN 6-8" OUTSIDE OF ROOTBALL. LOOSELY STAKE THE TREE TRUNK TO ALLOW FOR TRUNK FLEXING. STAKE TREES JUST BELOW FIRST BRANCH WITH 1-3" POLYPROPYLENE STRAPS (2 PER TREE ON OPPOSITE SIDES, CONNECT FROM TREE TO STAKE HORIZONTALLY). DO NOT USE ROPE OR WIRE THROUGH A HOSE. ARBOR TIE IS AN ACCEPTABLE PRODUCT. REMOVE ALL STAKING MATERIALS AFTER ONE YEAR, OR AS OTHERWISE DIRECTED BY THE LANDSCAPE ARCHITECT.

2 TREE PLANTING
LS01 SCALE: N.T.S. SECTION

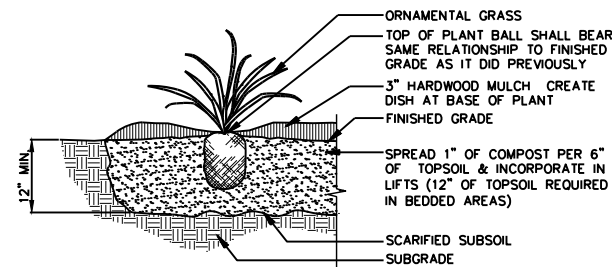


NOTES:
1. TOTAL DEPTH OF THE TREE PIT IS DEPENDANT ON THE DEPTH OF THE #5 AGGREGATE BED.
2. ALL TREES SHALL BE FLOODED TWICE DURING FIRST 24 HOURS AFTER PLANTING.
3. REFER TO DETAIL 2/LS01 TREE PLANTING FOR STAKING REQUIREMENTS.

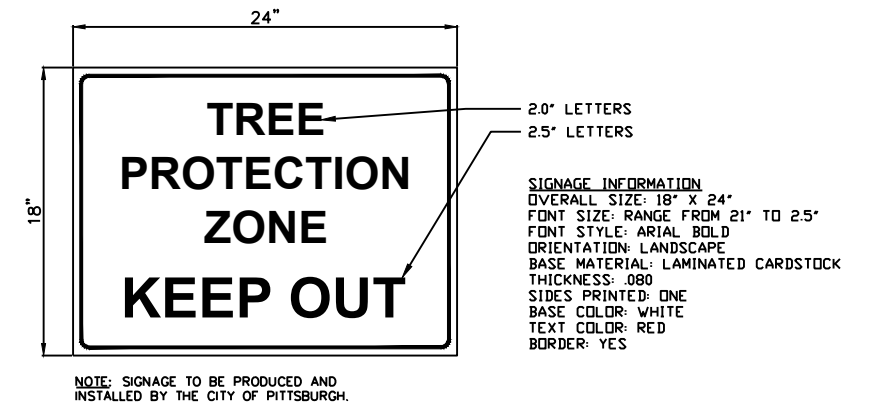
3 TREE PIT WITH FLEXIBLE POROUS PAVING
LS01 SCALE: 1/2" = 1'-0" SECTION



4 SHRUB PLANTING
LS01 SCALE: N.T.S. SECTION



5 ORNAMENTAL GRASS
LS01 SCALE: N.T.S. SECTION



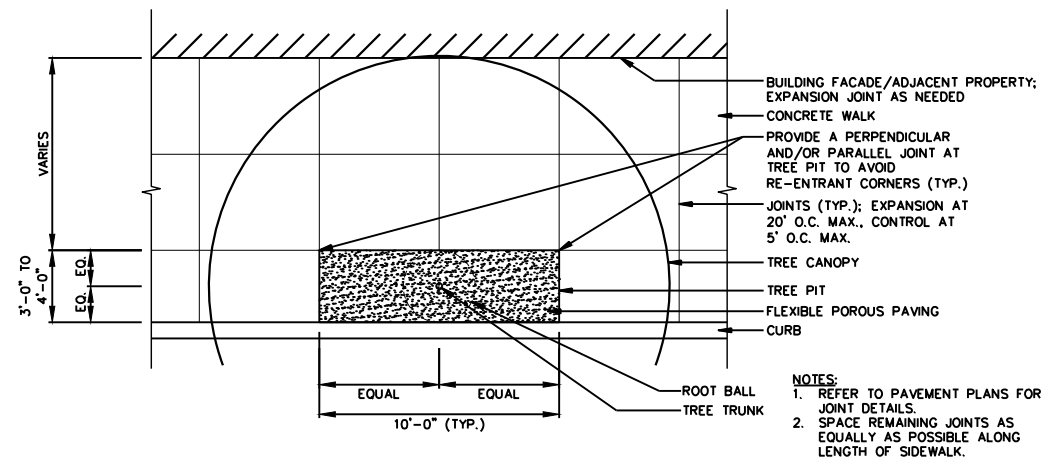
NOTE: SIGNAGE TO BE PRODUCED AND INSTALLED BY THE CITY OF PITTSBURGH.

6 TREE PROTECTION ZONE SIGN
LS01 SCALE: N.T.S.

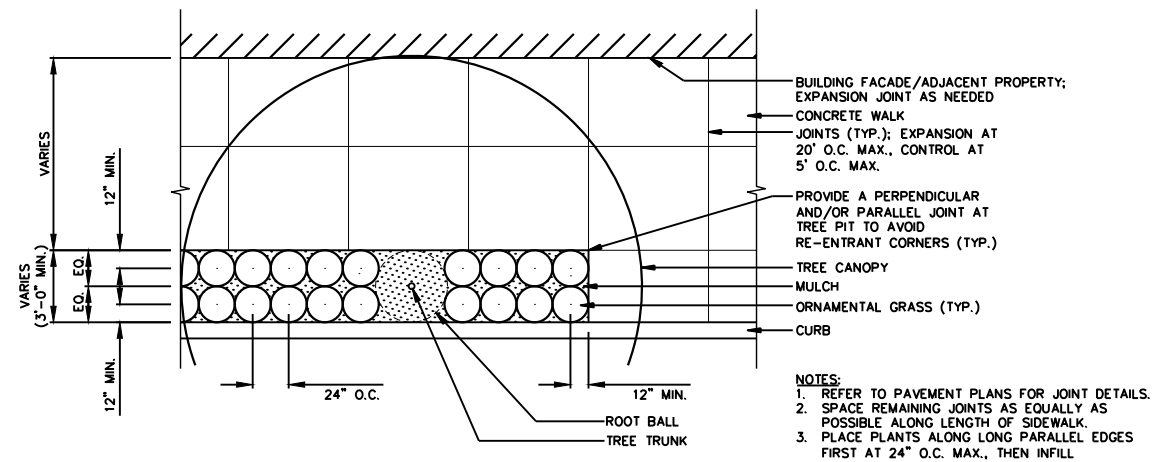
NO.	DATE	DESCRIPTION
REVISIONS		

DESIGNED	RAW
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DATE	05/01/24
SCALE	AS SHOWN

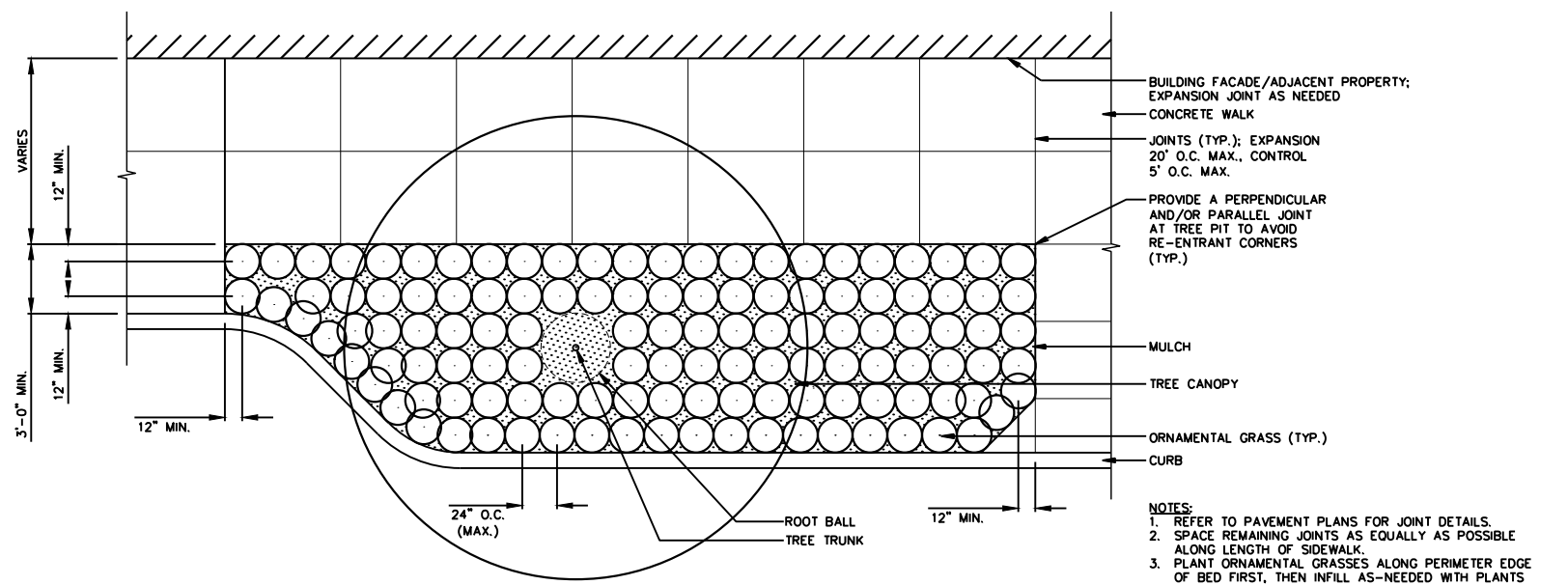
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS DETAILS	
Port Authority connecting people to life®	CONTRACT NO. BRT-001
DWG. NO. LS1	SHT. 572



1 TREE PIT WITH FLEXIBLE POROUS PAVING
 LS02 SCALE: 1/4"=1'-0" PLAN



2 CONTINUOUS PLANT STRIP/BED SPACING
 LS02 SCALE: 1/4"=1'-0" PLAN



3 IRREGULAR SHAPED PLANT BED
 LS02 SCALE: 1/4"=1'-0" PLAN



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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS DETAILS

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS2 SHT. 573

PLOTTED: \$DATE\$ \$TIME\$

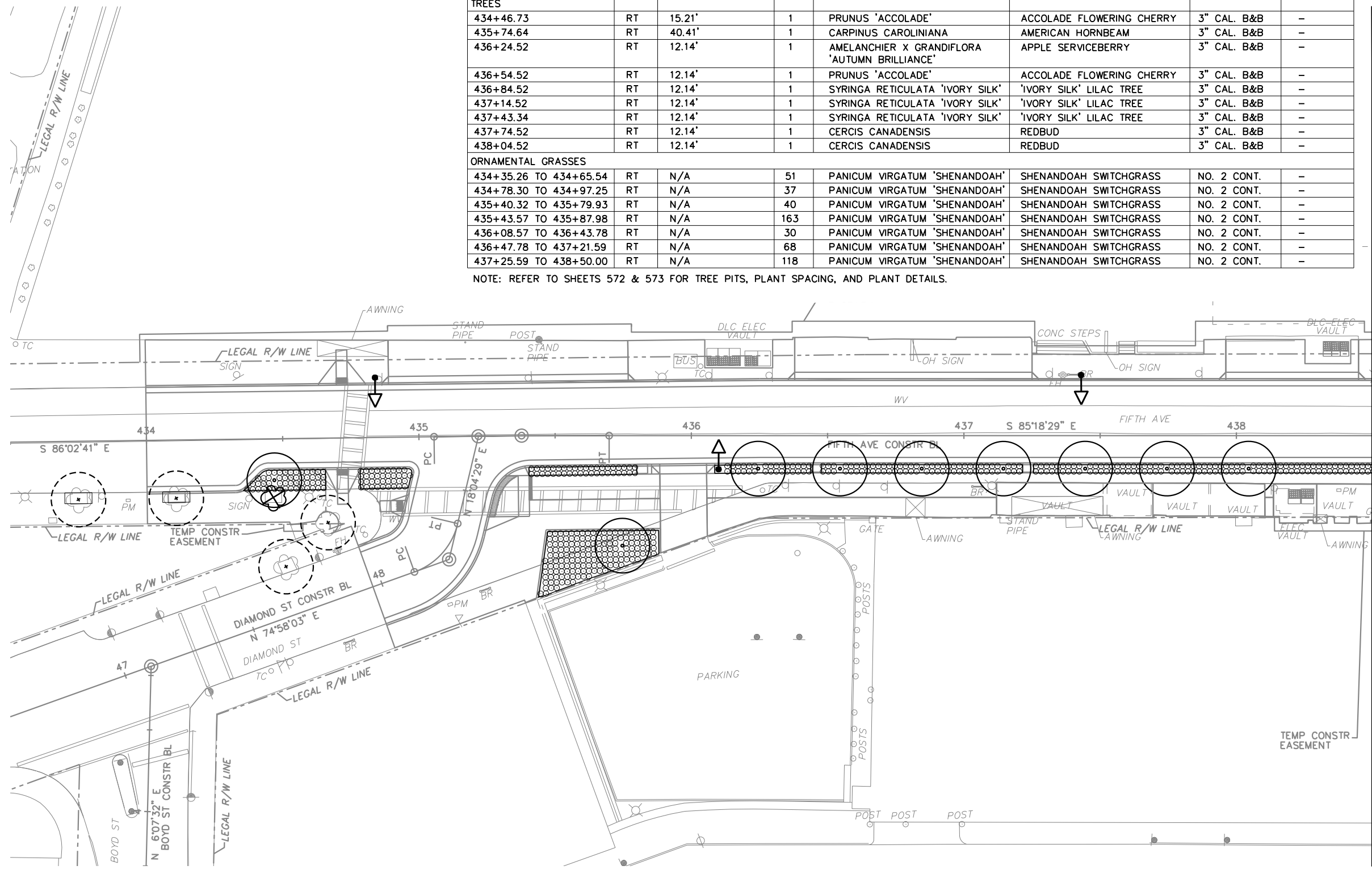
OPERATOR: \$USER\$ FILE PATH: \$FILEL\$

PLANT SCHEDULE

433+50.00 TO 438+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
434+46.73	RT	15.21'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
435+74.64	RT	40.41'	1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	3" CAL. B&B	-
436+24.52	RT	12.14'	1	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	APPLE SERVICEBERRY	3" CAL. B&B	-
436+54.52	RT	12.14'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
436+84.52	RT	12.14'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
437+14.52	RT	12.14'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
437+43.34	RT	12.14'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
437+74.52	RT	12.14'	1	CERCIS CANADENSIS	REDBUD	3" CAL. B&B	-
438+04.52	RT	12.14'	1	CERCIS CANADENSIS	REDBUD	3" CAL. B&B	-
ORNAMENTAL GRASSES							
434+35.26 TO 434+65.54	RT	N/A	51	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
434+78.30 TO 434+97.25	RT	N/A	37	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
435+40.32 TO 435+79.93	RT	N/A	40	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
435+43.57 TO 435+87.98	RT	N/A	163	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
436+08.57 TO 436+43.78	RT	N/A	30	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
436+47.78 TO 437+21.59	RT	N/A	68	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
437+25.59 TO 438+50.00	RT	N/A	118	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



MATCH LINE SEE SHEET 575

TREE CALCULATIONS:
 CALIPER DEMOLISHED: 8"
 CALIPER REPLACED: 27"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'

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REVISIONS		

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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
 FIFTH AVE - STA 433+50 TO STA 438+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS3 SHT. 574

PLOTTED: \$DATE\$ \$TIME\$

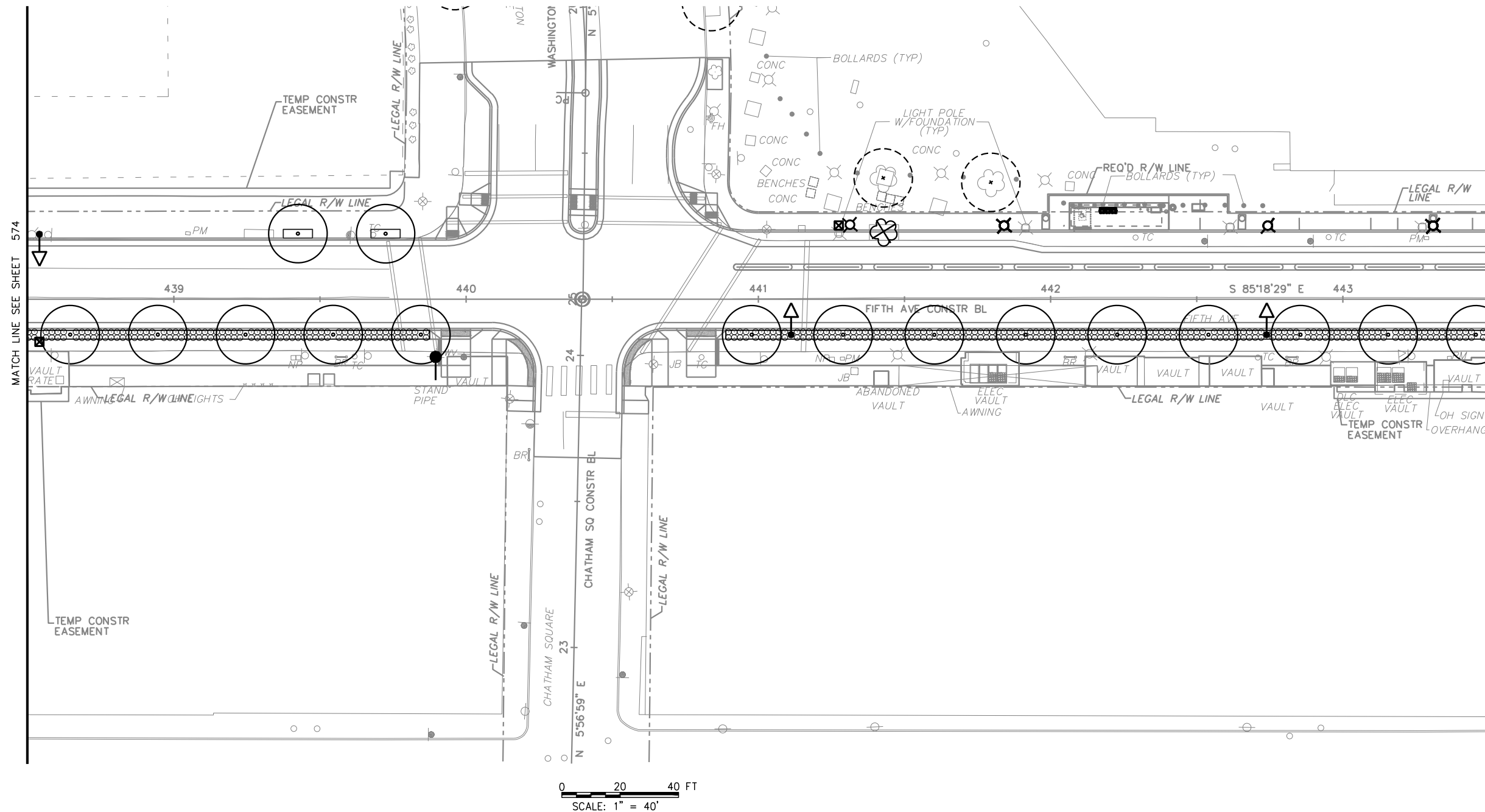
PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
438+64.52	RT	12.14'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
438+94.52	RT	12.14'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
439+24.52	RT	12.14'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
439+42.42	LT	22.43'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
439+54.52	RT	12.14'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
439+72.42	LT	22.42'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
439+84.52	RT	12.14'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
440+97.69	RT	12.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
441+28.95	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-

438+50.00 TO 443+50.00

441+60.21	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
441+91.46	RT	12.16'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
442+22.72	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
442+53.98	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
442+85.48	RT	12.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
443+15.48	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
443+45.48	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
ORNAMENTAL GRASSES							
438+50.00 TO 439+87.54	RT	N/A	126	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
440+88.87 TO 443+50.00	RT	N/A	242	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 5"
 CALIPER REPLACED: 48"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH, PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 438+50 TO STA 443+50

Port Authority
 connecting people to life

CONTRACT NO. BRT-001	
DWG. NO. LS4	SHT. 575

PLOTTED: \$DATE\$ \$TIME\$

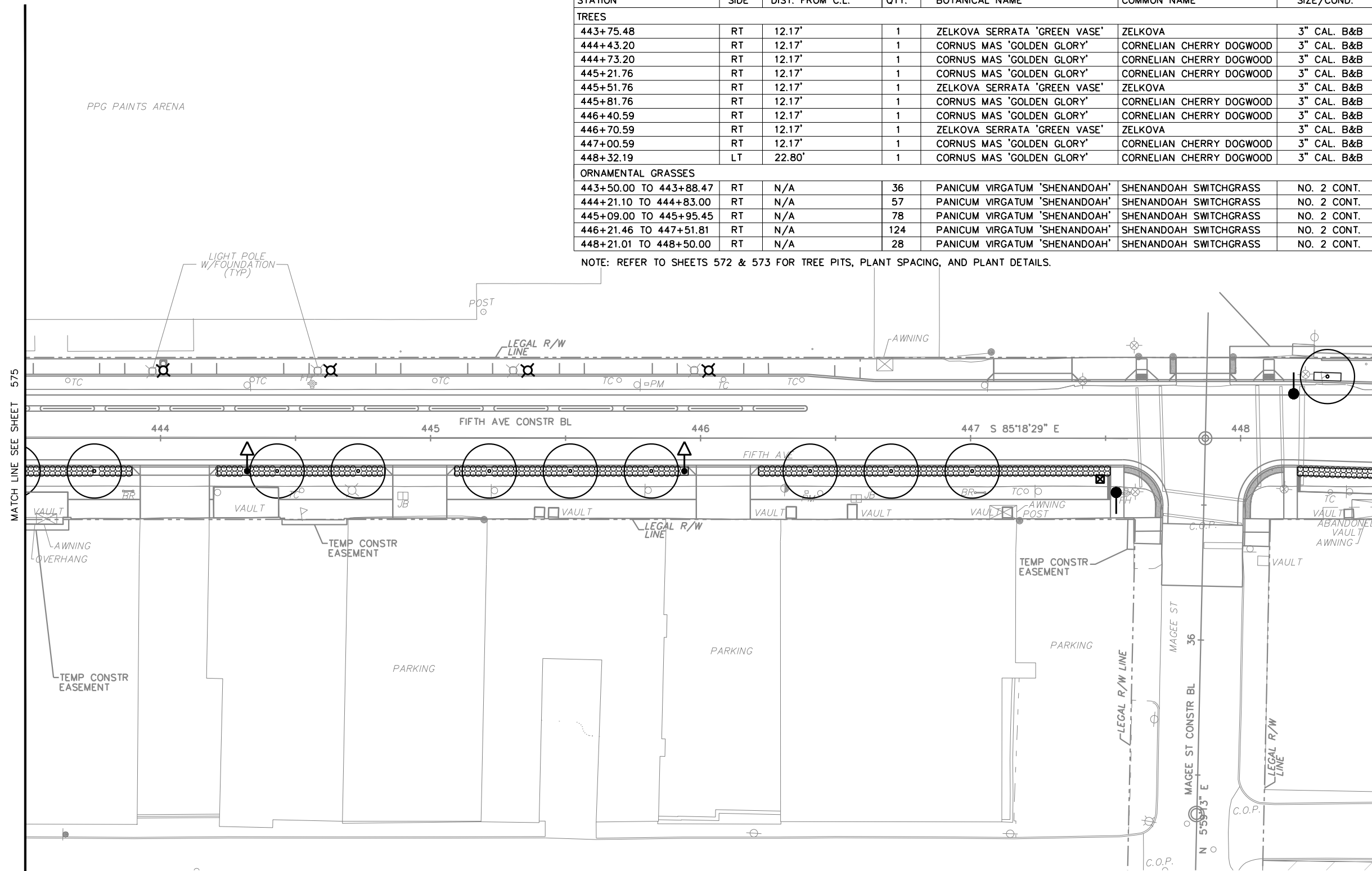
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

443+50.00 TO 448+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
443+75.48	RT	12.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
444+43.20	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
444+73.20	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
445+21.76	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
445+51.76	RT	12.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
445+81.76	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
446+40.59	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
446+70.59	RT	12.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
447+00.59	RT	12.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
448+32.19	LT	22.80'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
ORNAMENTAL GRASSES							
443+50.00 TO 443+88.47	RT	N/A	36	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
444+21.10 TO 444+83.00	RT	N/A	57	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
445+09.00 TO 445+95.45	RT	N/A	78	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
446+21.46 TO 447+51.81	RT	N/A	124	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
448+21.01 TO 448+50.00	RT	N/A	28	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 30"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'

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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 443+50 TO STA 448+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS5 SHT. 576

PLOTTED: \$DATE\$ \$TIME\$

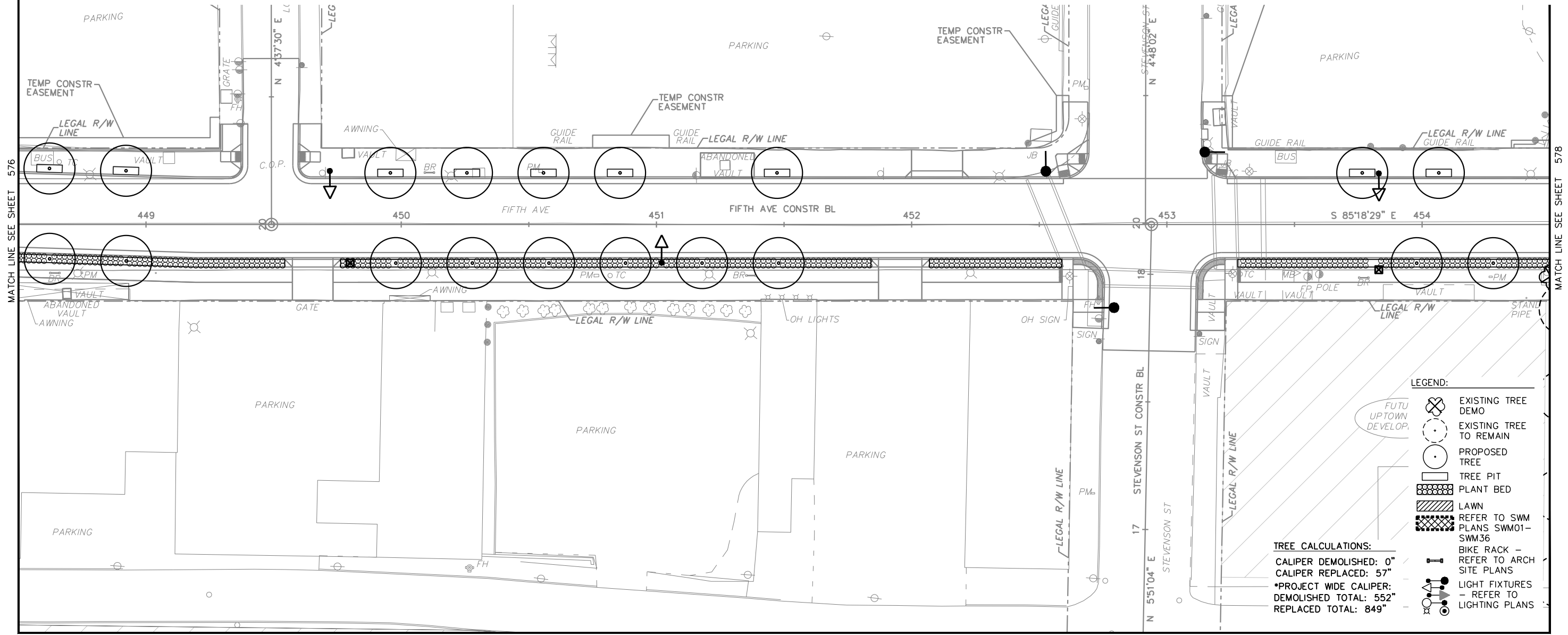
PLANT SCHEDULE

448+50.00 TO 454+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
448+62.16	LT	21.91'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
448+62.23	RT	13.49'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
448+92.14	LT	21.03'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
448+92.22	RT	14.31'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
449+95.73	LT	20.17'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
449+97.84	RT	15.16'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
450+25.73	LT	20.18'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
450+27.84	RT	15.16'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
450+55.73	LT	20.18'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
450+57.84	RT	15.16'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
450+85.73	LT	20.18'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
450+87.84	RT	15.16'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-

451+17.84	RT	15.16'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
451+47.23	LT	20.18'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
451+47.84	RT	15.16'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
453+76.52	LT	20.18'	1	CERCIS CANADENSIS	REDBUD	3" CAL. B&B	-
453+97.85	RT	15.17'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
454+06.52	LT	20.18'	1	CERCIS CANADENSIS	REDBUD	3" CAL. B&B	-
454+27.85	RT	15.17'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
ORNAMENTAL GRASSES							
448+50.00 TO 449+54.37	RT	N/A	100	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
449+76.26 TO 451+84.00	RT	N/A	195	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
452+07.00 TO 452+58.89	RT	N/A	52	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
453+27.75 TO 454+50.00	RT	N/A	112	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



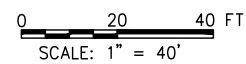
LEGEND:

- EXISTING TREE TO REMAIN
- PROPOSED TREE
- TREE PIT
- PLANT BED
- LAWN
- BIKE RACK - REFER TO ARCH SITE PLANS
- LIGHT FIXTURES - REFER TO LIGHTING PLANS

TREE CALCULATIONS:

- CALIPER DEMOLISHED: 0"
- CALIPER REPLACED: 57"
- *PROJECT WIDE CALIPER: DEMOLISHED TOTAL: 552"
- REPLACED TOTAL: 849"

MATCH LINE SEE SHEET 594



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
FIFTH AVE - STA 448+50 TO STA 454+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. LS6 SHT. 577

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PLOTTED: \$DATE\$ \$TIME\$

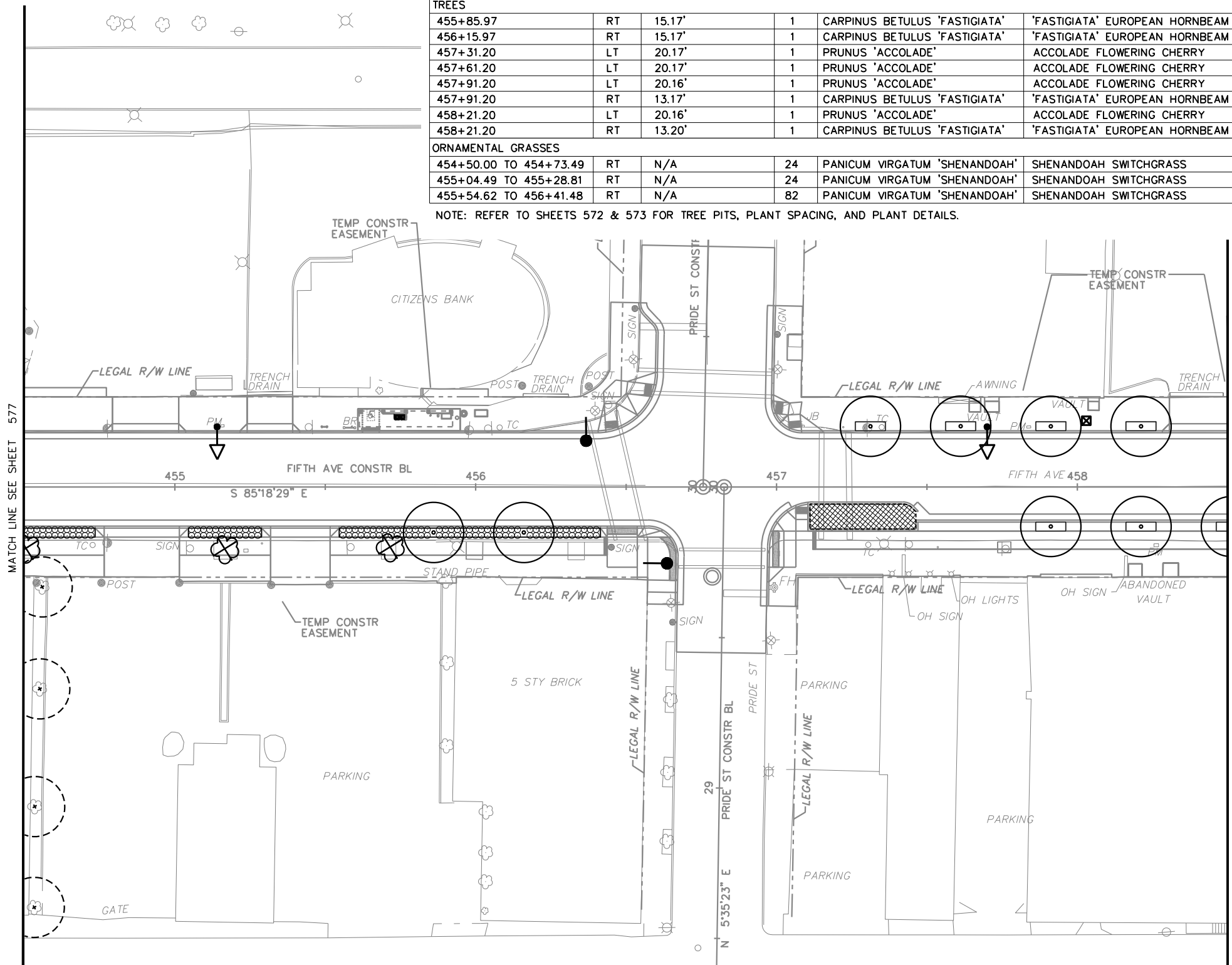
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PLANT SCHEDULE

454+50.00 TO 458+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
455+85.97	RT	15.17'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
456+15.97	RT	15.17'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
457+31.20	LT	20.17'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
457+61.20	LT	20.17'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
457+91.20	LT	20.16'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
457+91.20	RT	13.17'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
458+21.20	LT	20.16'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
458+21.20	RT	13.20'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
ORNAMENTAL GRASSES							
454+50.00 TO 454+73.49	RT	N/A	24	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
455+04.49 TO 455+28.81	RT	N/A	24	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
455+54.62 TO 456+41.48	RT	N/A	82	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 26"
 CALIPER REPLACED: 24"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

MATCH LINE SEE SHEET 595
 0 20 40 FT
 SCALE: 1" = 40'

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CONTRACT NO. BRT-001
 DWG. NO. LS7 SHT. 578

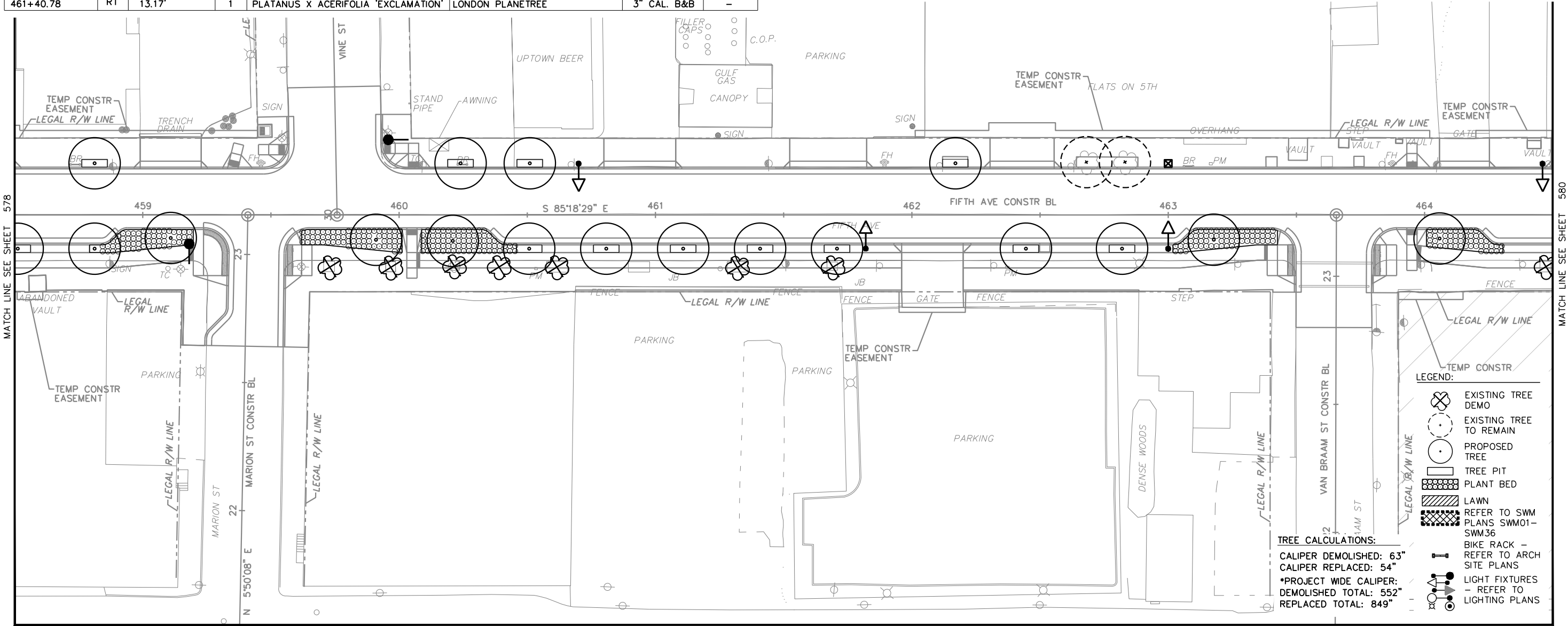
PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
458+51.20	RT	13.17'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
458+81.19	LT	13.17'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
458+81.19	RT	20.17'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
459+10.90	RT	9.00'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
459+90.94	RT	9.70'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
460+23.93	LT	10.13'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
460+20.93	RT	20.17'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
460+50.78	RT	13.17'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
460+50.94	LT	20.17'	1	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	-
460+80.78	RT	13.17'	1	PLATANUS X ACERIFOLIA 'EXCLAMATION'	LONDON PLANETREE	3" CAL. B&B	-
461+10.78	RT	13.17'	1	PLATANUS X ACERIFOLIA 'EXCLAMATION'	LONDON PLANETREE	3" CAL. B&B	-
461+40.78	RT	13.17'	1	PLATANUS X ACERIFOLIA 'EXCLAMATION'	LONDON PLANETREE	3" CAL. B&B	-

458+50.00 TO 464+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
ORNAMENTAL GRASSES							
458+79.20 TO 459+19.68	RT	N/A	60	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
459+61.98 TO 460+01.13	RT	N/A	70	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
460+08.79 TO 460+55.71	RT	N/A	78	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
463+01.76 TO 463+42.62	RT	N/A	65	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
464+00.77 TO 464+30.60	RT	N/A	51	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



0 20 40 FT
SCALE: 1" = 40'



NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	RAW
DRAWN	ARG
CHECKED	RAW
IN CHARGE	DCK
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
FIFTH AVE - STA 458+50 TO STA 464+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. LS8 SHT. 579

PLOTTED: \$DATE\$ \$TIME\$

OPERATOR: \$USER\$ \$FILEL\$

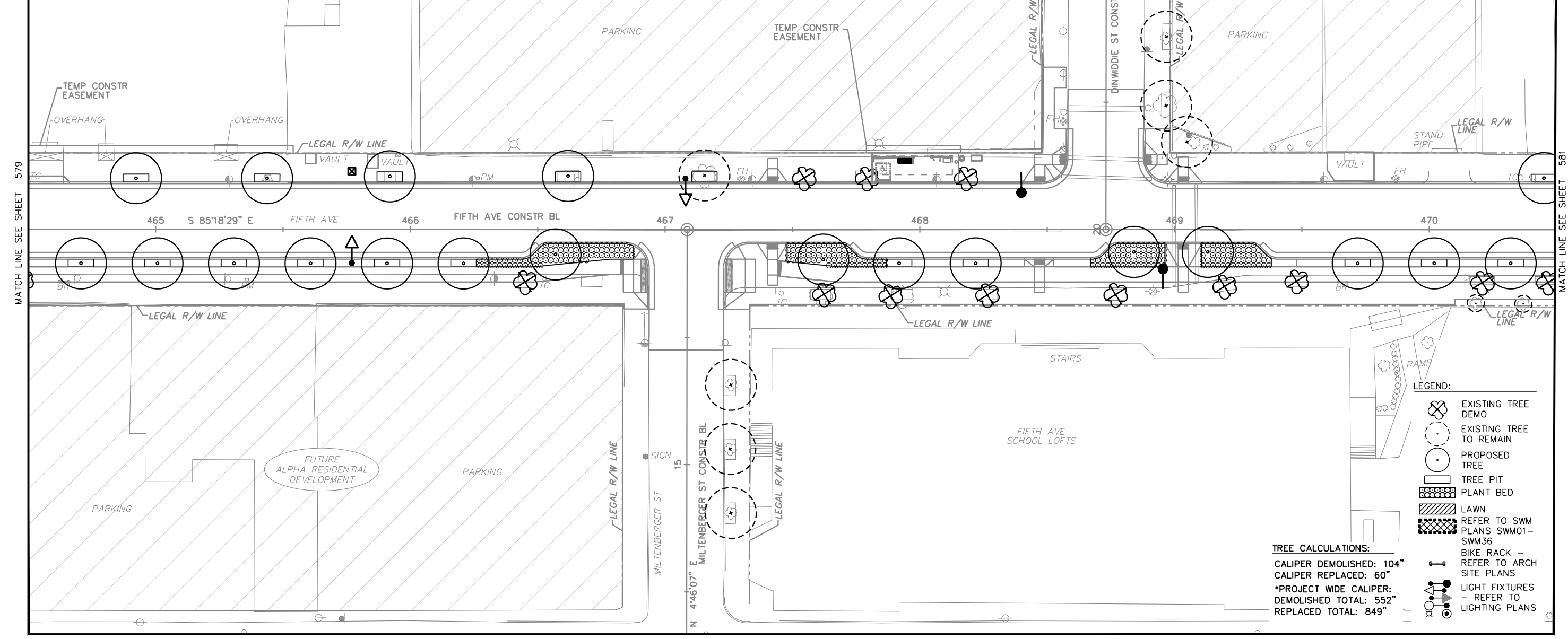
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PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
464+70.64	RT	13.33'	1	CERCIS CANADENSIS	REDBUD	3" CAL. B&B	-
464+92.26	LT	20.12'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
465+00.68	RT	13.33'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
465+30.72	RT	13.33'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
465+43.72	LT	20.15'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
465+60.77	RT	13.33'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
465+90.81	RT	13.33'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
465+91.90	LT	20.85'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
466+20.83	RT	13.22'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
466+61.87	LT	21.02'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
466+56.96	RT	11.81'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
467+62.09	RT	9.81'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
467+91.89	RT	13.33'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
468+21.93	RT	13.33'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
468+84.05	RT	10.83'	1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	3" CAL. B&B	-
469+13.06	RT	13.06'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
469+71.91	RT	13.33'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
470+01.95	RT	13.33'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
470+31.99	RT	13.33'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
470+45.05	LT	20.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
ORNAMENTAL GRASSES							
466+25.85 TO 466+87.61	RT	N/A	90	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
467+47.92 TO 467+86.88	RT	N/A	69	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
468+67.14 TO 468+96.23	RT	N/A	61	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
469+10.66 TO 469+48.02	RT	N/A	62	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



MATCH LINE SEE SHEET 579

MATCH LINE SEE SHEET 581

MATCH LINE SEE SHEET 597

0 20 40 FT
SCALE: 1" = 40'

OPERATOR: \$USER\$ FILE PATH: \$FILEL\$



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
LANDSCAPE PLANS
FIFTH AVE - STA 464+50 TO STA 470+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. LS9 SHT. 580

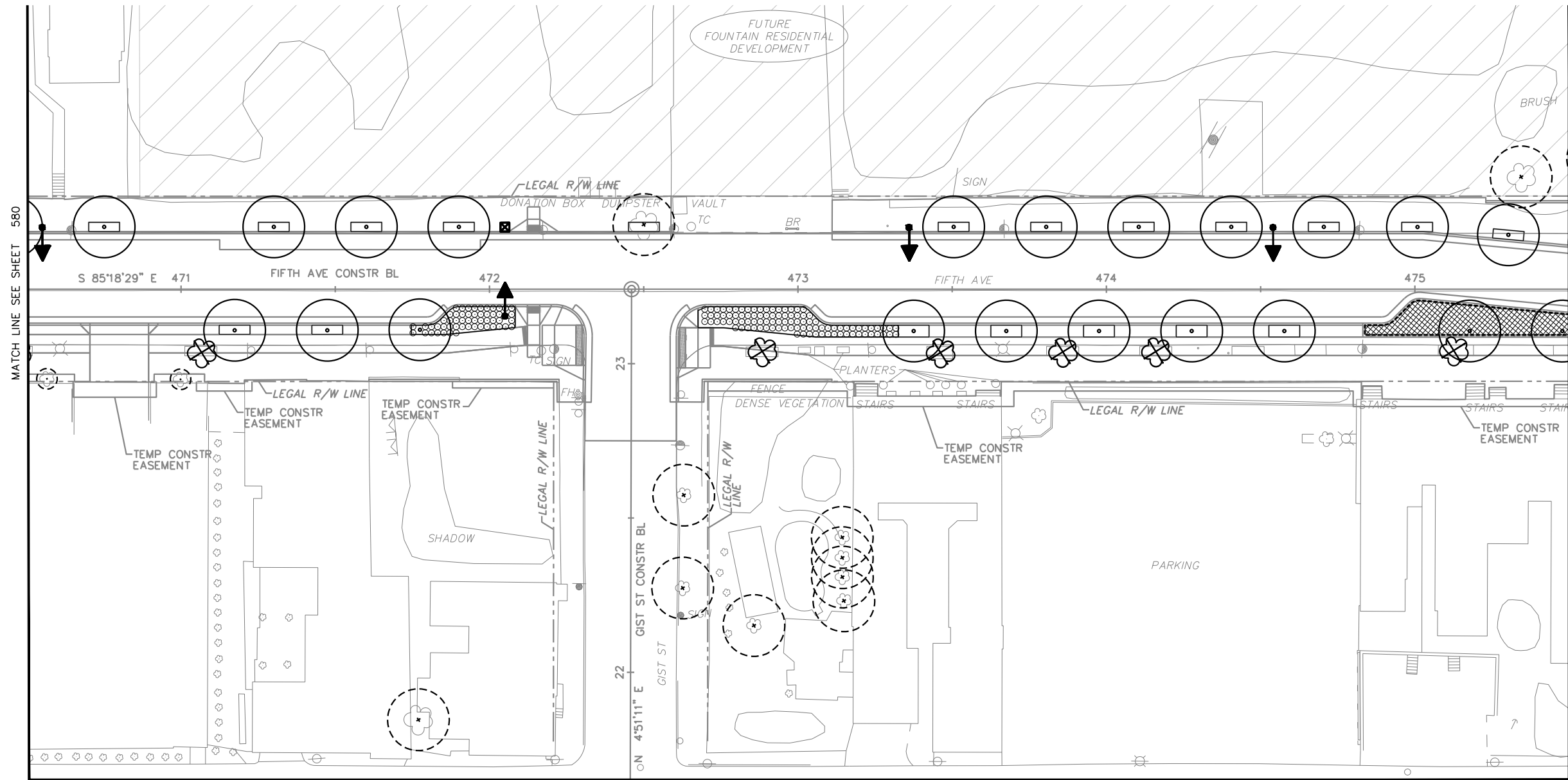
PLOTTED: \$DATE\$ \$TIME\$

PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
470+75.05	LT	20.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
471+17.36	RT	13.33'	1	QUERCUS MUEHLENBERGII	CHINKAPIN OAK	3" CAL. B&B	-
471+30.05	LT	20.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
471+47.41	RT	13.33'	1	QUERCUS MUEHLENBERGII	CHINKAPIN OAK	3" CAL. B&B	-
471+60.05	LT	20.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
471+77.43	RT	13.18'	1	QUERCUS MUEHLENBERGII	CHINKAPIN OAK	3" CAL. B&B	-
471+90.05	LT	20.17'	1	CORNUS MAS 'GOLDEN GLORY'	CORNELIAN CHERRY DOGWOOD	3" CAL. B&B	-
473+37.49	RT	13.58'	1	QUERCUS MUEHLENBERGII	CHINKAPIN OAK	3" CAL. B&B	-
473+50.46	LT	20.15'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
473+67.54	RT	13.58'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
473+80.46	LT	20.15'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-

473+97.58	RT	13.58'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
474+10.46	LT	20.16'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
474+27.62	RT	13.58'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
474+40.46	LT	20.16'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
474+57.67	RT	13.58'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
474+70.46	LT	20.17'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
475+00.84	LT	20.14'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
475+17.75	RT	13.58'	1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	3" CAL. B&B	-
475+30.30	LT	17.61'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
475+47.80	RT	13.58'	1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	3" CAL. B&B	-
ORNAMENTAL GRASSES							
471+74.66 TO 472+21.08	RT	N/A	54	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
472+67.59 TO 473+32.49	RT	N/A	98	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 38"
 CALIPER REPLACED: 63"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

MATCH LINE SEE SHEET 598
 0 20 40 FT
 SCALE: 1" = 40'

AECOM
 Gulf Tower
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 Pittsburgh, PA 15219

K KLAVON DESIGN ASSOCIATES, INC.
 64 S 14TH STREET
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 P 412.394.1181
 WWW.KLAVONDESIGN.COM

NO.	DATE	DESCRIPTION
REVISIONS		

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DESIGNED	RAW
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IN CHARGE	DCK
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 470+50 TO STA 475+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. LS10 SHT. 581

OPERATOR: \$USER\$ FILE PATH: \$FILEL\$

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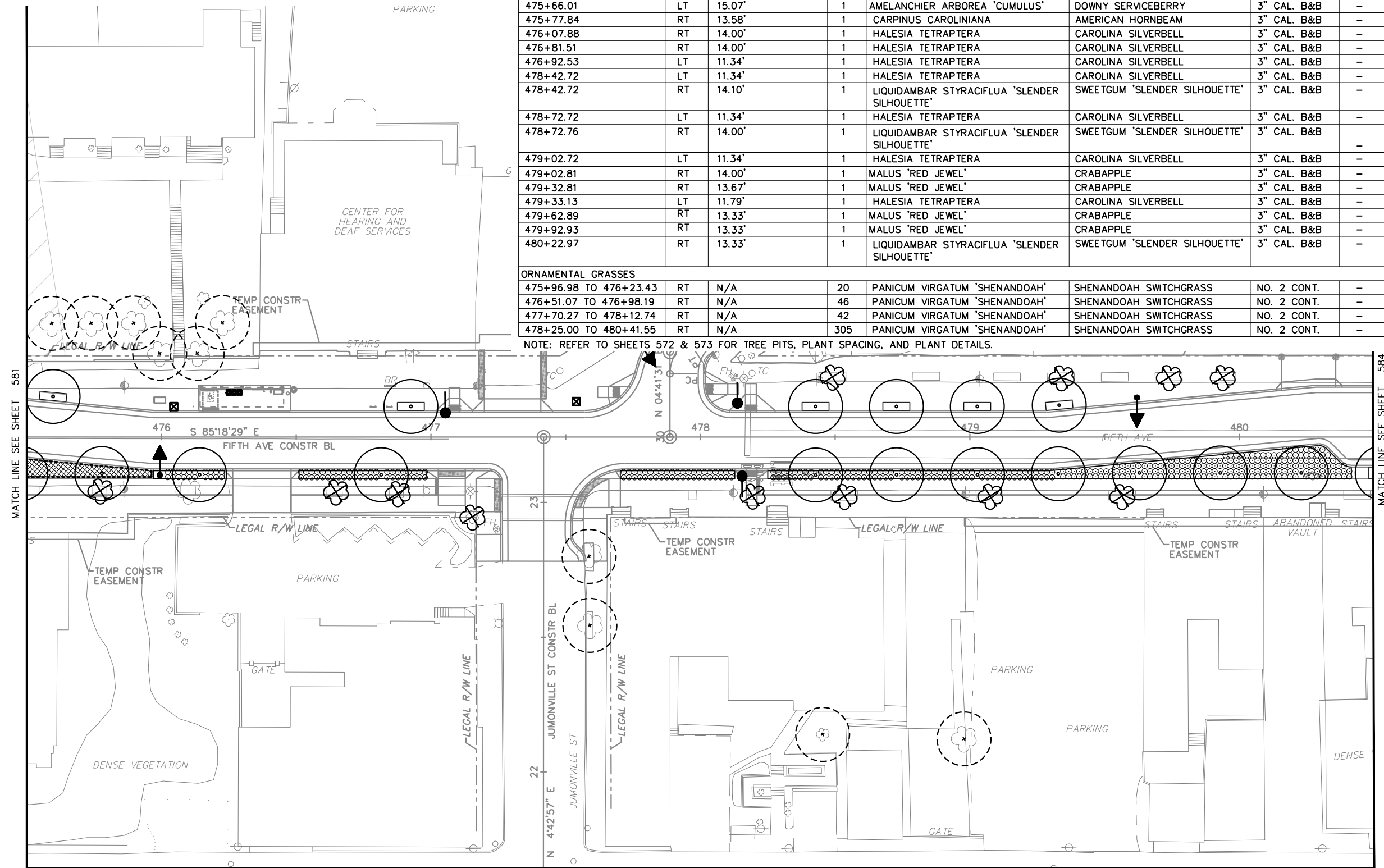
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

475+50.00 TO 480+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
475+66.01	LT	15.07'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
475+77.84	RT	13.58'	1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	3" CAL. B&B	-
476+07.88	RT	14.00'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
476+81.51	RT	14.00'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
476+92.53	LT	11.34'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
478+42.72	LT	11.34'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
478+42.72	RT	14.10'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
478+72.72	LT	11.34'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
478+72.76	RT	14.00'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
479+02.72	LT	11.34'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
479+02.81	RT	14.00'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
479+32.81	RT	13.67'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
479+33.13	LT	11.79'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
479+62.89	RT	13.33'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
479+92.93	RT	13.33'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
480+22.97	RT	13.33'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
ORNAMENTAL GRASSES							
475+96.98 TO 476+23.43	RT	N/A	20	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
476+51.07 TO 476+98.19	RT	N/A	46	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
477+70.27 TO 478+12.74	RT	N/A	42	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
478+25.00 TO 480+41.55	RT	N/A	305	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 73"
 CALIPER REPLACED: 48"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 475+50 TO STA 480+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS11 SHT. 582

PLOTTED: \$DATE\$ \$TIME\$

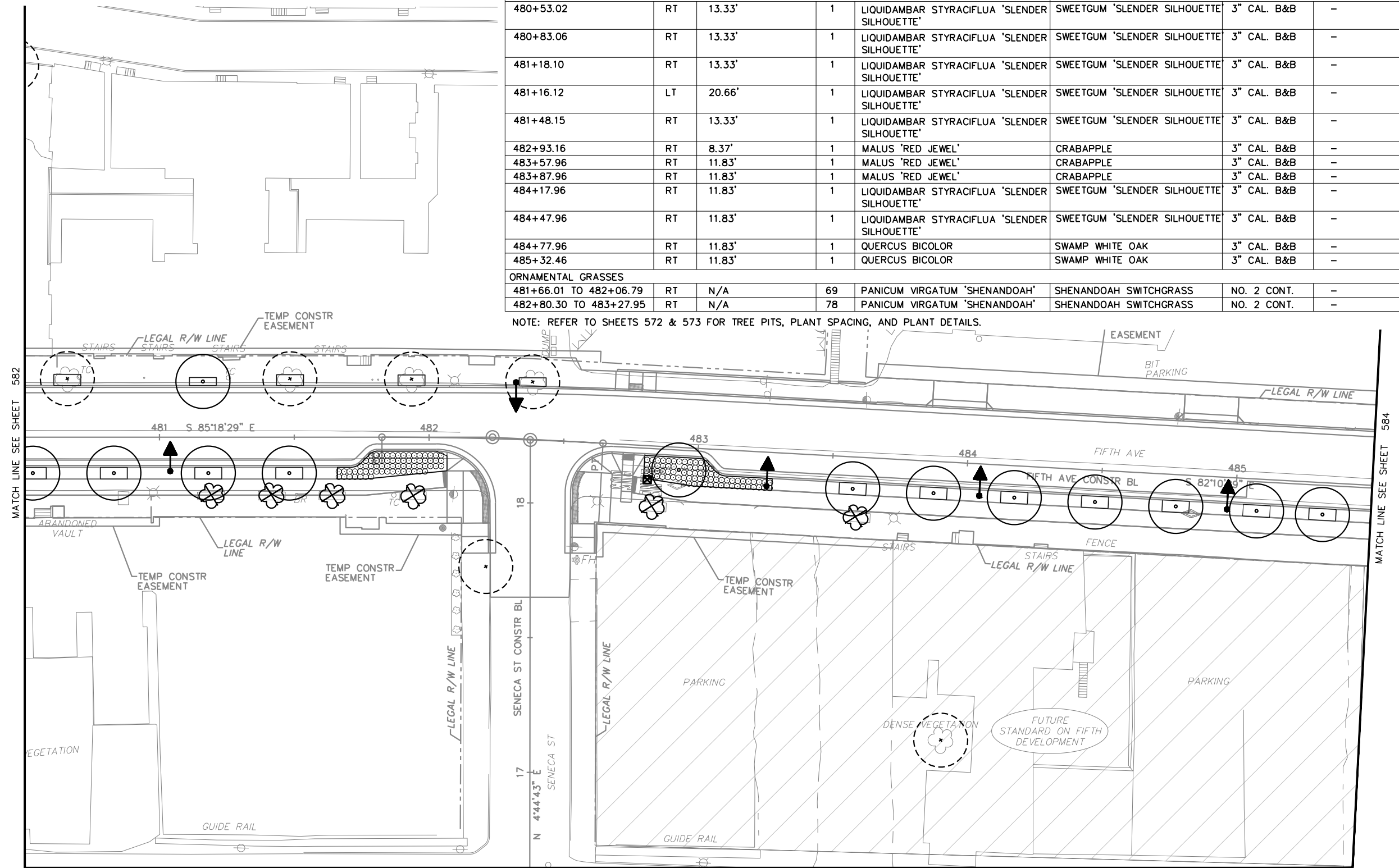
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

480+50.00 TO 485+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
480+53.02	RT	13.33'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
480+83.06	RT	13.33'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
481+18.10	RT	13.33'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
481+16.12	LT	20.66'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
481+48.15	RT	13.33'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
482+93.16	RT	8.37'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
483+57.96	RT	11.83'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
483+87.96	RT	11.83'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
484+17.96	RT	11.83'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
484+47.96	RT	11.83'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	SWEETGUM 'SLENDER SILHOUETTE'	3" CAL. B&B	-
484+77.96	RT	11.83'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
485+32.46	RT	11.83'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
ORNAMENTAL GRASSES							
481+66.01 TO 482+06.79	RT	N/A	69	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
482+80.30 TO 483+27.95	RT	N/A	78	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 36"
 CALIPER REPLACED: 34"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

MATCH LINE SEE SHEET 600
 0 20 40 FT
 SCALE: 1" = 40'

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BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
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 DWG. NO. LS12 SHT. 583

PLOTTED: \$DATE\$ \$TIME\$

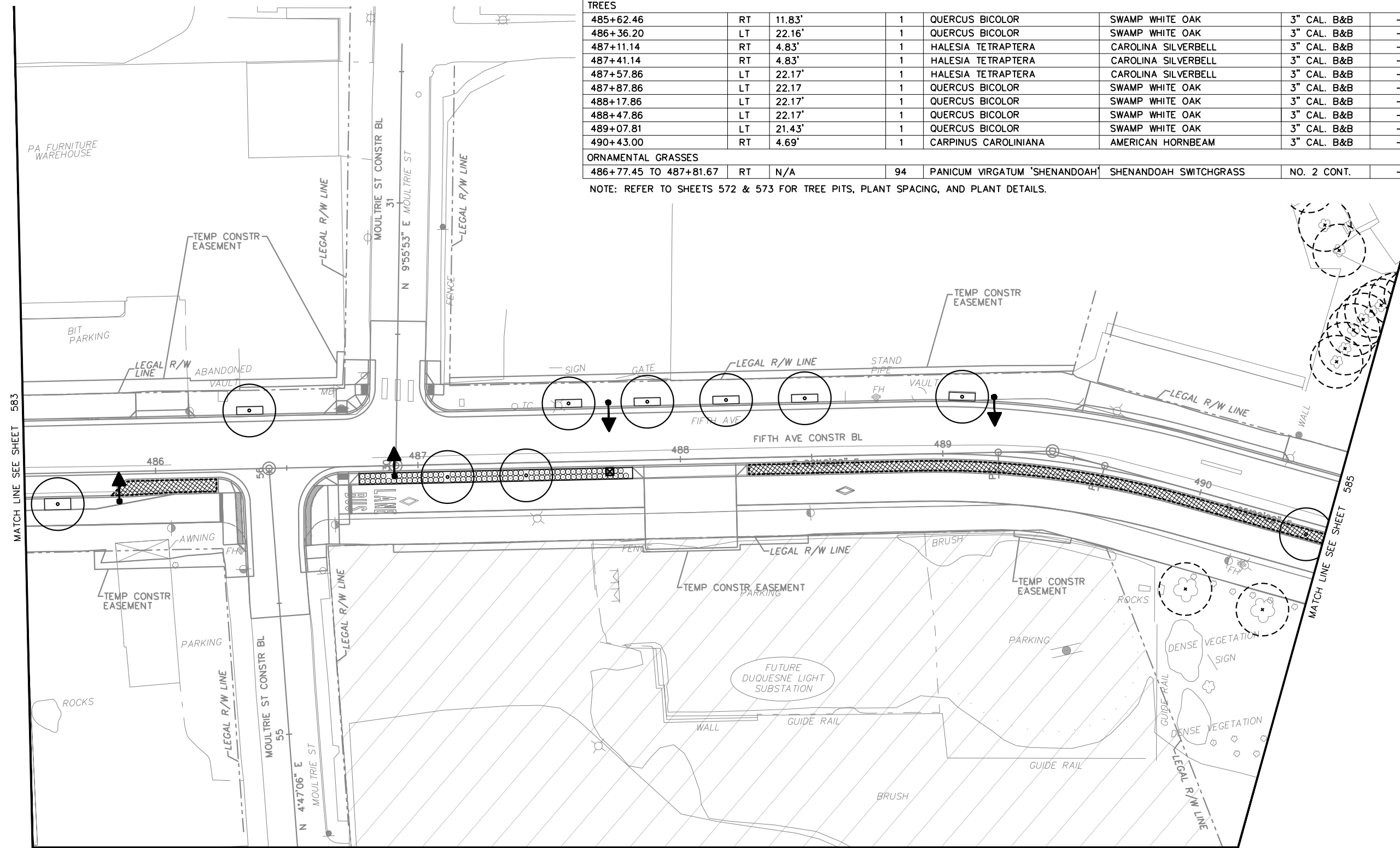
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

485+50.00 TO 490+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
485+62.46	RT	11.83'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
486+36.20	LT	22.16'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
487+11.14	RT	4.83'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
487+41.14	RT	4.83'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
487+57.86	LT	22.17'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
487+87.86	LT	22.17'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
488+17.86	LT	22.17'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
488+47.86	LT	22.17'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
489+07.81	LT	21.43'	1	QUERCUS BICOLOR	SWAMP WHITE OAK	3" CAL. B&B	-
490+43.00	RT	4.69'	1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	3" CAL. B&B	-
ORNAMENTAL GRASSES							
486+77.45 TO 487+81.67	RT	N/A	94	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 30"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

MATCH LINE SEE SHEET 601
 0 20 40 FT
 SCALE: 1" = 40'

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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 485+50 TO STA 490+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS13 SHT. 584

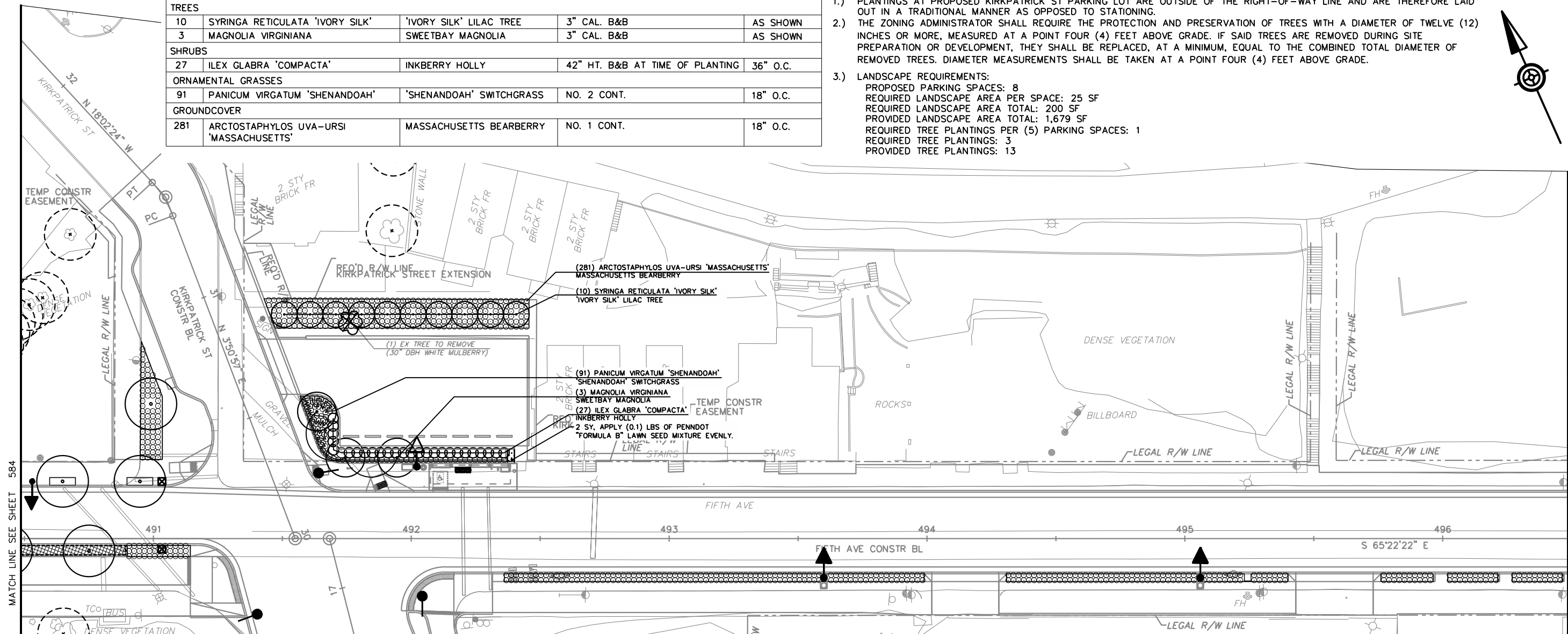
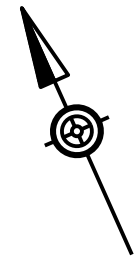
PLOTTED: \$DATES\$ \$TIMES\$

PLANT SCHEDULE - KIRKPATRICK ST PARKING LOT

QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	SPACING
TREES				
10	SYRINGA RETICULATA 'IVORY SILK'	'IVORY SILK' LILAC TREE	3" CAL. B&B	AS SHOWN
3	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	3" CAL. B&B	AS SHOWN
SHRUBS				
27	ILEX GLABRA 'COMPACTA'	INKBERRY HOLLY	42" HT. B&B AT TIME OF PLANTING	36" O.C.
ORNAMENTAL GRASSES				
91	PANICUM VIRGATUM 'SHENANDOAH'	'SHENANDOAH' SWITCHGRASS	NO. 2 CONT.	18" O.C.
GROUND COVER				
281	ARCTOSTAPHYLOS UVA-URSI 'MASSACHUSETTS'	MASSACHUSETTS BEARBERRY	NO. 1 CONT.	18" O.C.

NOTES:

- PLANTINGS AT PROPOSED KIRKPATRICK ST PARKING LOT ARE OUTSIDE OF THE RIGHT-OF-WAY LINE AND ARE THEREFORE LAID OUT IN A TRADITIONAL MANNER AS OPPOSED TO STATIONING.
- THE ZONING ADMINISTRATOR SHALL REQUIRE THE PROTECTION AND PRESERVATION OF TREES WITH A DIAMETER OF TWELVE (12) INCHES OR MORE, MEASURED AT A POINT FOUR (4) FEET ABOVE GRADE. IF SAID TREES ARE REMOVED DURING SITE PREPARATION OR DEVELOPMENT, THEY SHALL BE REPLACED, AT A MINIMUM, EQUAL TO THE COMBINED TOTAL DIAMETER OF REMOVED TREES. DIAMETER MEASUREMENTS SHALL BE TAKEN AT A POINT FOUR (4) FEET ABOVE GRADE.
- LANDSCAPE REQUIREMENTS:
 PROPOSED PARKING SPACES: 8
 REQUIRED LANDSCAPE AREA PER SPACE: 25 SF
 REQUIRED LANDSCAPE AREA TOTAL: 200 SF
 PROVIDED LANDSCAPE AREA TOTAL: 1,679 SF
 REQUIRED TREE PLANTINGS PER (5) PARKING SPACES: 1
 REQUIRED TREE PLANTINGS: 3
 PROVIDED TREE PLANTINGS: 13



MATCH LINE SEE SHEET 584

MATCH LINE SEE SHEET 586

PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
31+31.37	LT	33.81'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
490+64.74	LT	22.17'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
490+74.99	RT	4.83'	1	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	3" CAL. B&B	-
490+94.75	LT	22.17'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
ORNAMENTAL GRASSES							
31+07.29 TO 31+53.04	LT	N/A	68	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
490+89.83 TO 491+14.32	RT	N/A	36	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
492+36.12 TO 493+98.87	RT	N/A	164	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
494+30.87 TO 495+40.04	RT	N/A	104	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
495+76.04 TO 495+96.33	RT	N/A	20	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
496+01.88 TO 496+21.33	RT	N/A	20	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
496+27.00 TO 496+50.00	RT	N/A	20	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.

TREE CALCULATIONS:

CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 12"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

LEGEND:

- EXISTING TREE DEMO
- EXISTING TREE TO REMAIN
- PROPOSED TREE
- TREE PIT
- PLANT BED
- LAWN
- REFER TO SWM PLANS SWM01-SWM36
- BIKE RACK - REFER TO ARCH SITE PLANS
- LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 490+50 TO STA 496+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS14 SHT. 585

OPERATOR: \$USERS\$ \$FILES\$

PLOTTED: \$DATE\$ \$TIME\$

OPERATOR: \$USER\$ FILE PATH: \$FILEL\$

PLANT SCHEDULE

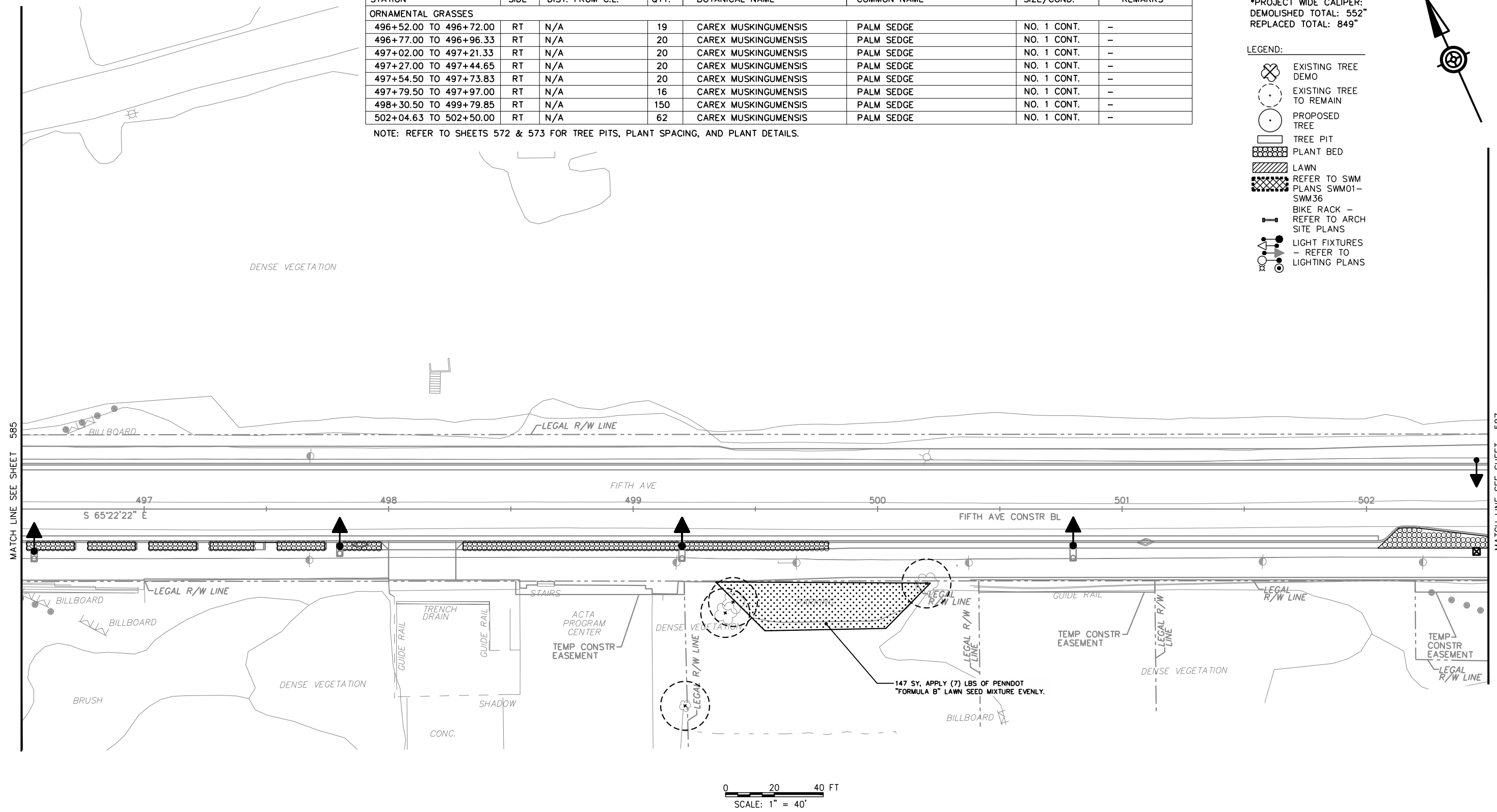
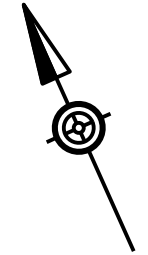
495+50.00 TO 502+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
ORNAMENTAL GRASSES							
496+52.00 TO 496+72.00	RT	N/A	19	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
496+77.00 TO 496+96.33	RT	N/A	20	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
497+02.00 TO 497+21.33	RT	N/A	20	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
497+27.00 TO 497+44.65	RT	N/A	20	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
497+54.50 TO 497+73.83	RT	N/A	20	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
497+79.50 TO 497+97.00	RT	N/A	16	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
498+30.50 TO 499+79.85	RT	N/A	150	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
502+04.63 TO 502+50.00	RT	N/A	62	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.

TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 0"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS



MATCH LINE SEE SHEET 585

MATCH LINE SEE SHEET 587

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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
 FIFTH AVE - STA 496+50 TO STA 502+50

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CONTRACT NO. BRT-001
DWG. NO. LS15
SHT. 586

PLOTTED: \$DATE\$ \$TIME\$

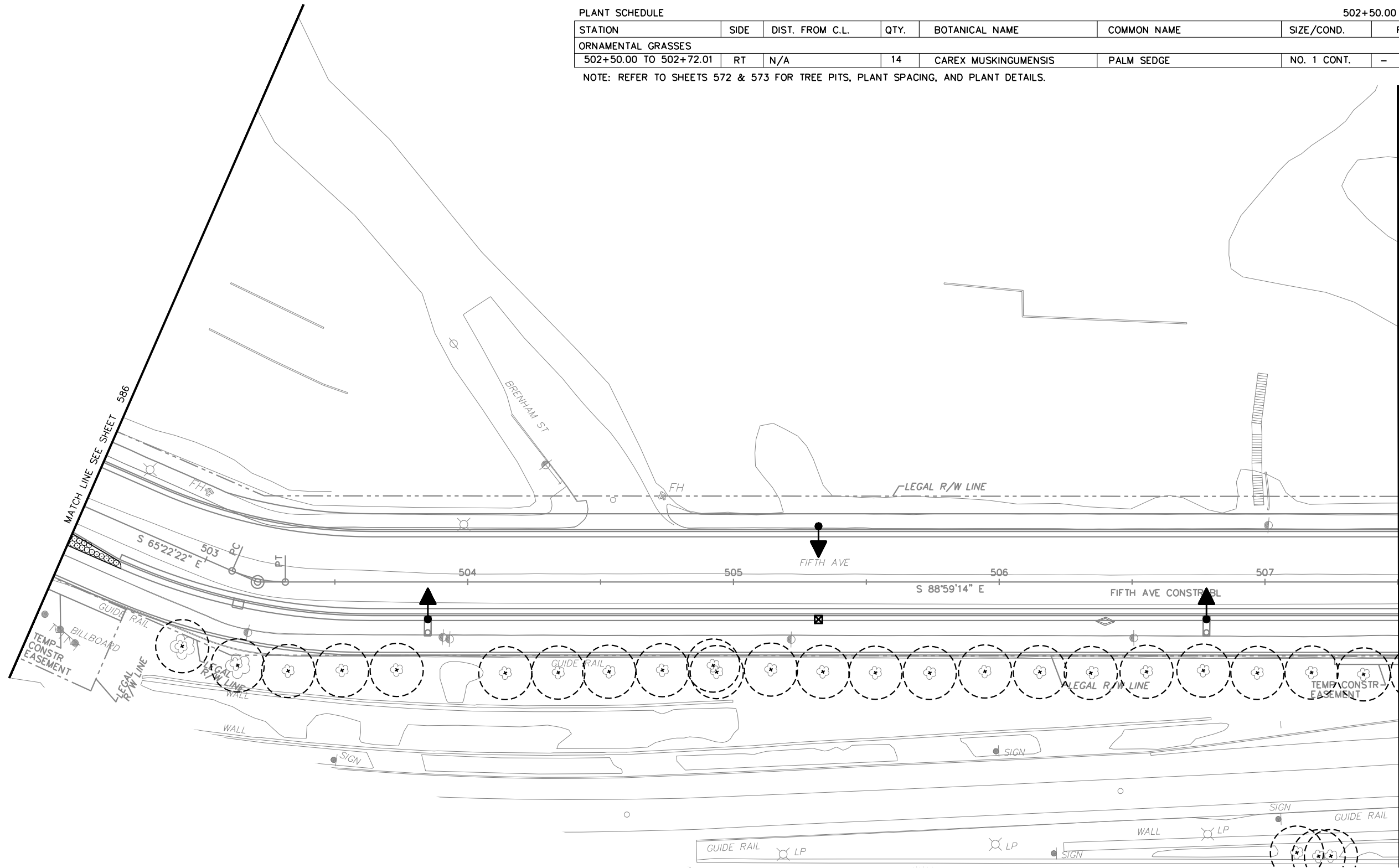
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PLANT SCHEDULE

502+50.00 TO 507+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
ORNAMENTAL GRASSES							
502+50.00 TO 502+72.01	RT	N/A	14	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 0"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'



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 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 502+50 TO STA 507+50

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CONTRACT NO. BRT-001
 DWG. NO. LS16 SHT. 587

PLOTTED: \$DATE\$ \$TIME\$

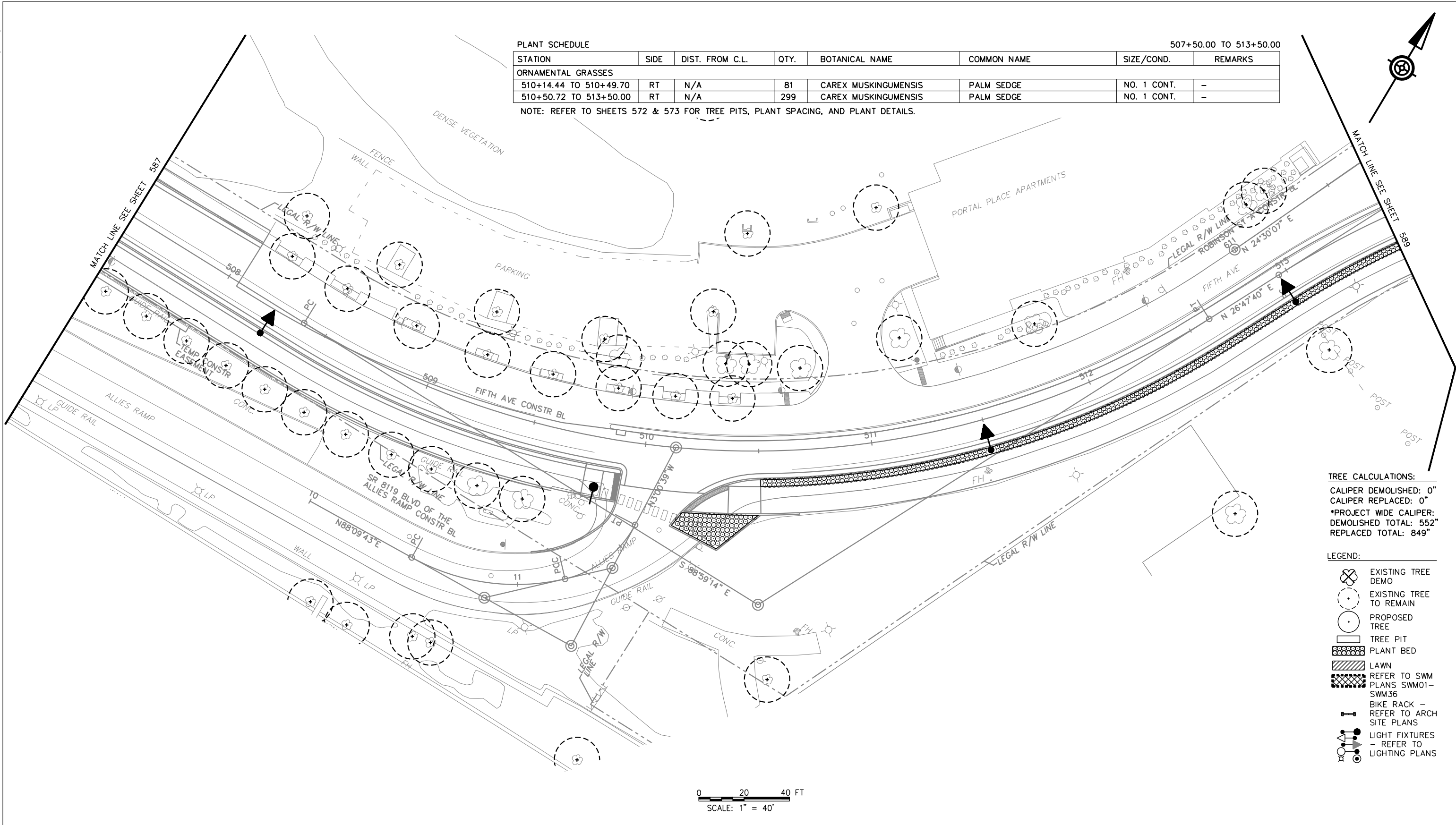
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

507+50.00 TO 513+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
ORNAMENTAL GRASSES							
510+14.44 TO 510+49.70	RT	N/A	81	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-
510+50.72 TO 513+50.00	RT	N/A	299	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 0"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'

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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 507+50 TO STA 513+50

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CONTRACT NO. BRT-001
 DWG. NO. LS17 SHT. 588

PLOTTED: \$DATES\$ \$TIMES\$

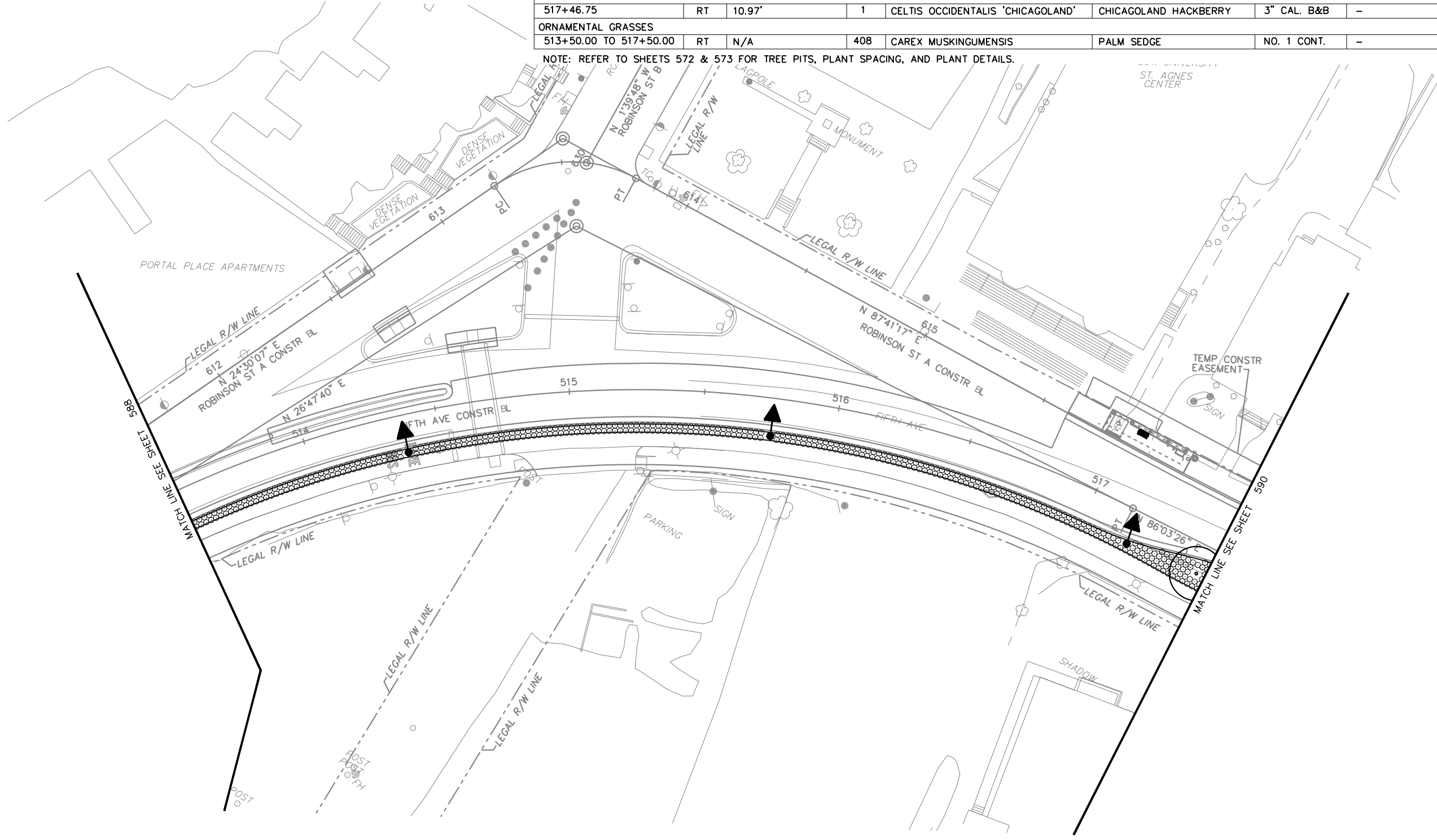
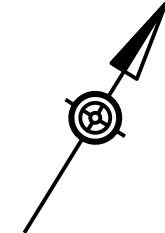
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PLANT SCHEDULE

513+50.00 TO 517+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
517+46.75	RT	10.97'	1	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND HACKBERRY	3" CAL. B&B	-
ORNAMENTAL GRASSES							
513+50.00 TO 517+50.00	RT	N/A	408	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 3"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'

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 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 513+50 TO STA 517+50

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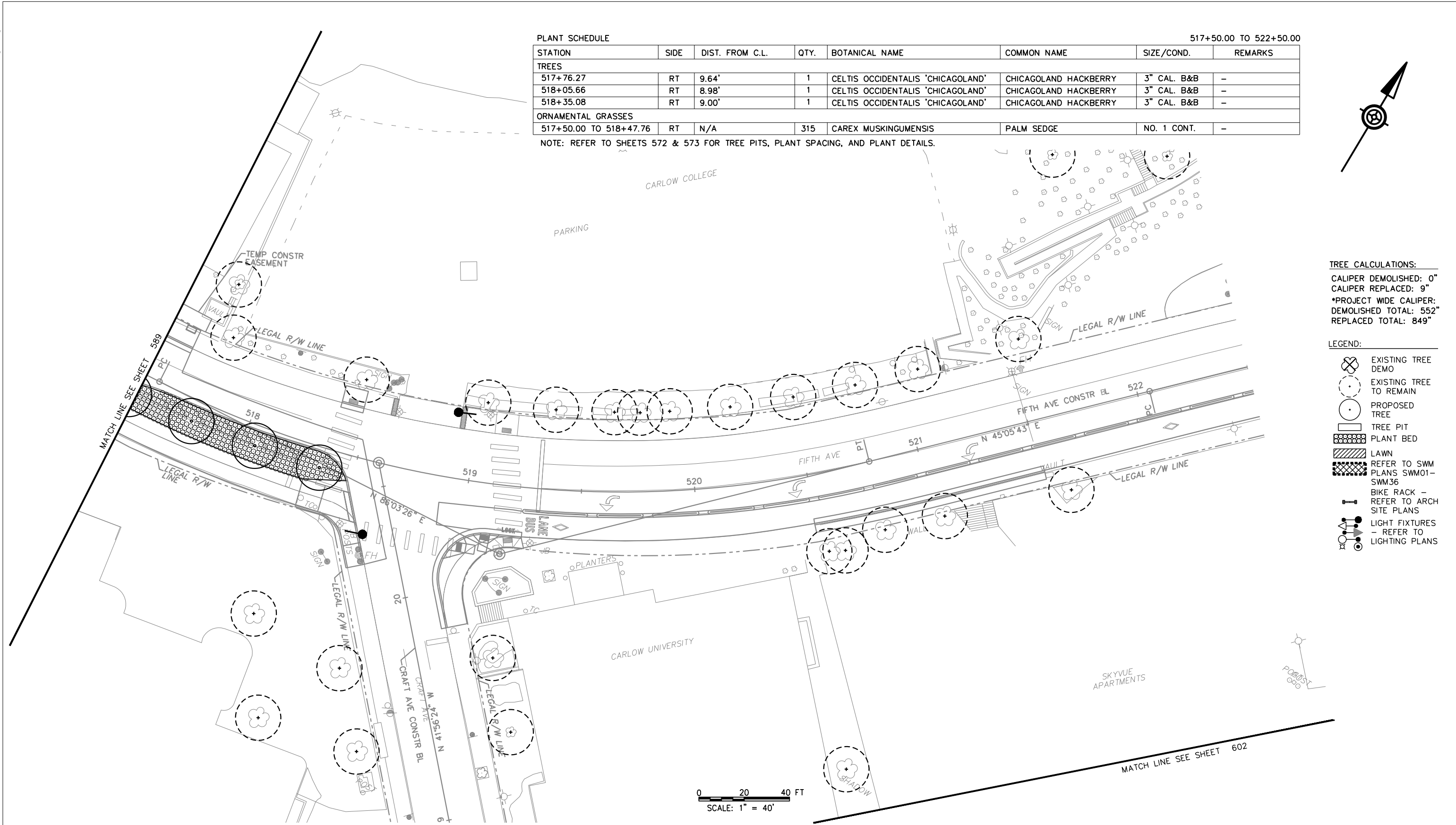
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PLANT SCHEDULE

517+50.00 TO 522+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
517+76.27	RT	9.64'	1	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND HACKBERRY	3" CAL. B&B	-
518+05.66	RT	8.98'	1	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND HACKBERRY	3" CAL. B&B	-
518+35.08	RT	9.00'	1	CELTIS OCCIDENTALIS 'CHICAGOLAND'	CHICAGOLAND HACKBERRY	3" CAL. B&B	-
ORNAMENTAL GRASSES							
517+50.00 TO 518+47.76	RT	N/A	315	CAREX MUSKINGUMENSIS	PALM SEDGE	NO. 1 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 9"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'

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 PITTSBURGH PENNSYLVANIA

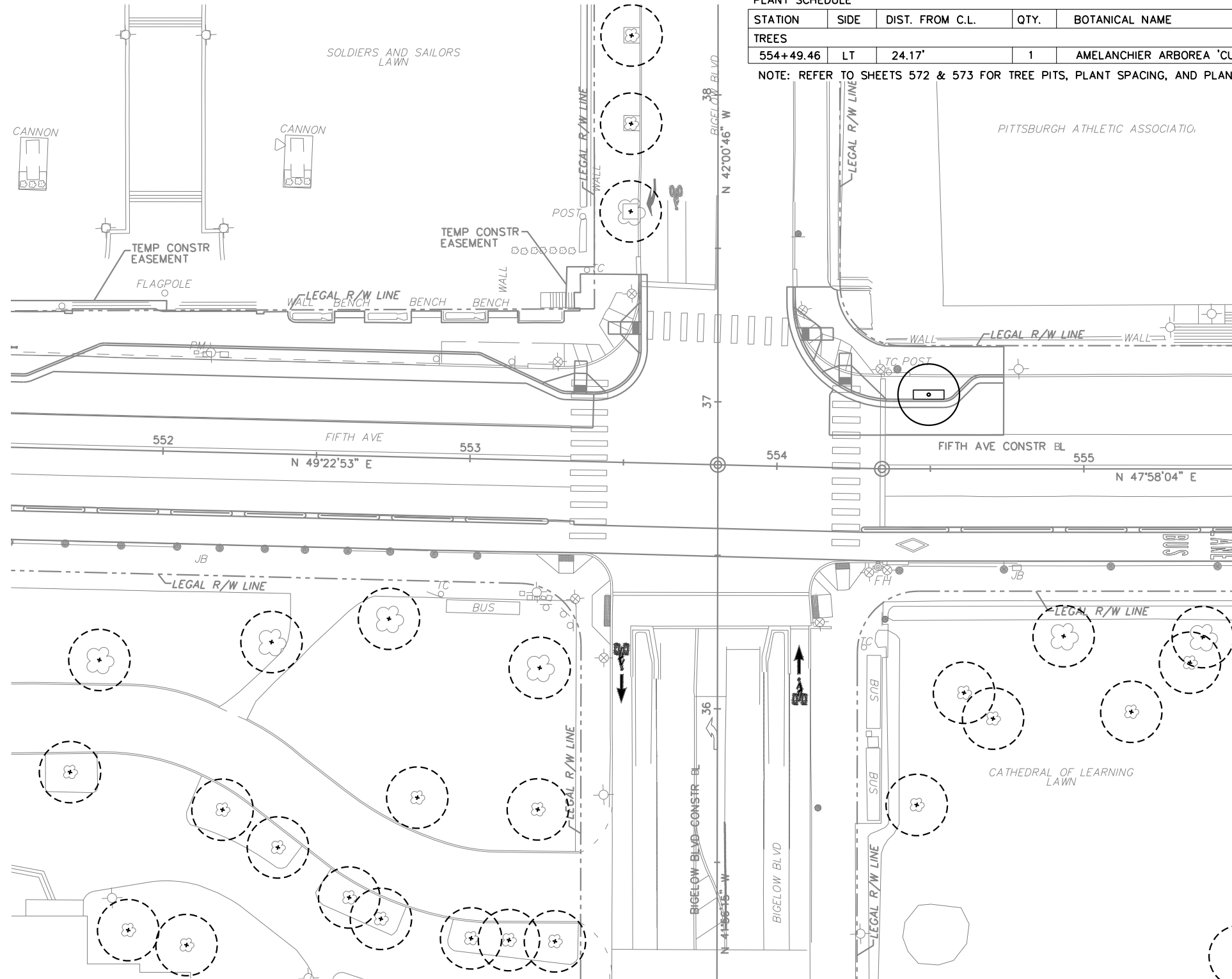
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 517+50 TO STA 522+50

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CONTRACT NO. BRT-001
 DWG. NO. LS19 SHT. 590

PLOTTED: \$DATES\$
\$TIMES\$

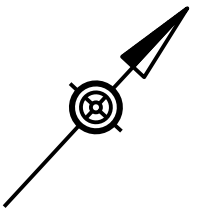
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PLANT SCHEDULE 551+50.00 TO 555+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
554+49.46	LT	24.17'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 3"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
SCALE: 1" = 40'

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REVISIONS		

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(NOT FOR CONSTRUCTION)

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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
 FIFTH AVE - STA 551+50 TO STA 555+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS20 SHT. 591

PLOTTED: \$DATE\$ \$TIME\$

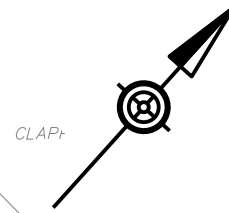
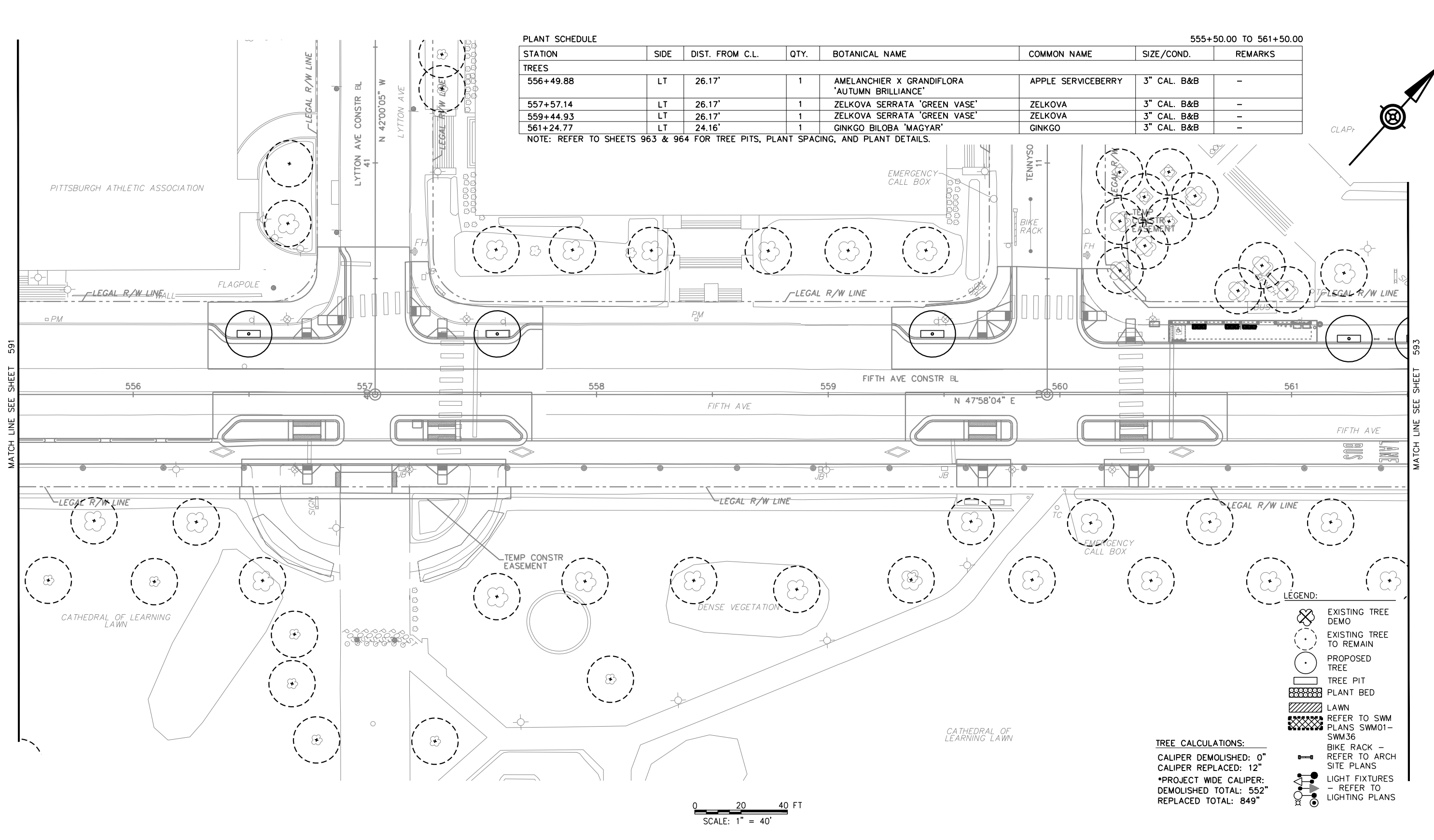
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

555+50.00 TO 561+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
556+49.88	LT	26.17'	1	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	APPLE SERVICEBERRY	3" CAL. B&B	-
557+57.14	LT	26.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
559+44.93	LT	26.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
561+24.77	LT	24.16'	1	GINKGO BILOBA 'MAGYAR'	GINKGO	3" CAL. B&B	-

NOTE: REFER TO SHEETS 963 & 964 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.

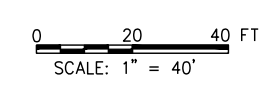


MATCH LINE SEE SHEET 591

MATCH LINE SEE SHEET 593

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 12"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 555+50 TO STA 561+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS21 SHT. 592

PLOTTED: \$DATE\$ \$TIME\$

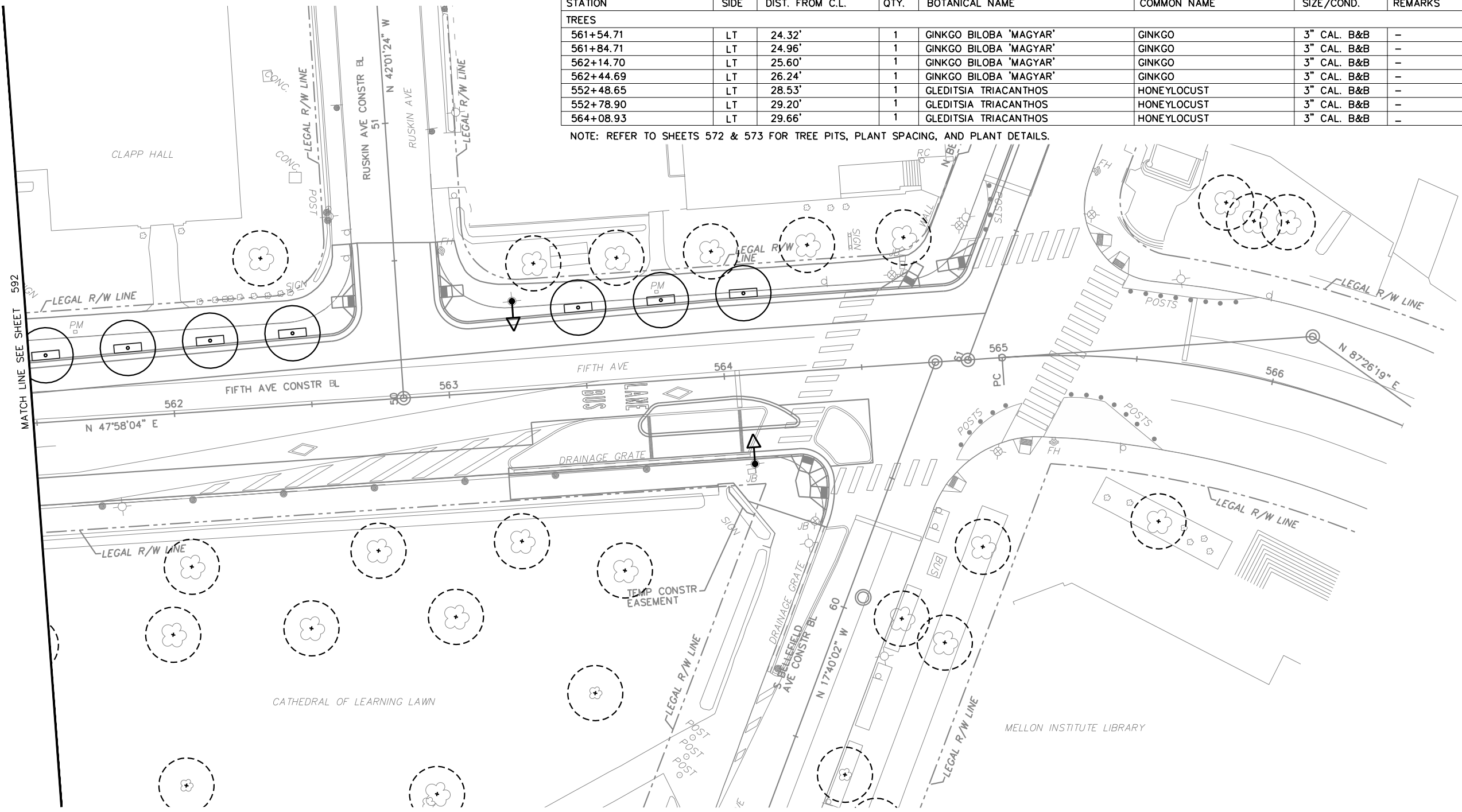
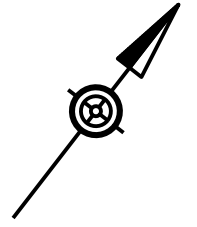
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

561+50.00 TO 566+50.00

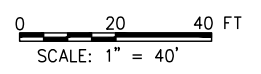
STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
561+54.71	LT	24.32'	1	GINKGO BILOBA 'MAGYAR'	GINKGO	3" CAL. B&B	-
561+84.71	LT	24.96'	1	GINKGO BILOBA 'MAGYAR'	GINKGO	3" CAL. B&B	-
562+14.70	LT	25.60'	1	GINKGO BILOBA 'MAGYAR'	GINKGO	3" CAL. B&B	-
562+44.69	LT	26.24'	1	GINKGO BILOBA 'MAGYAR'	GINKGO	3" CAL. B&B	-
552+48.65	LT	28.53'	1	GLEDITSIA TRIACANTHOS	HONEYLOCUST	3" CAL. B&B	-
552+78.90	LT	29.20'	1	GLEDITSIA TRIACANTHOS	HONEYLOCUST	3" CAL. B&B	-
564+08.93	LT	29.66'	1	GLEDITSIA TRIACANTHOS	HONEYLOCUST	3" CAL. B&B	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 21"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FIFTH AVE - STA 561+50 TO STA 566+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS22 SHT. 593

PLOTTED: \$DATE\$ \$TIME\$

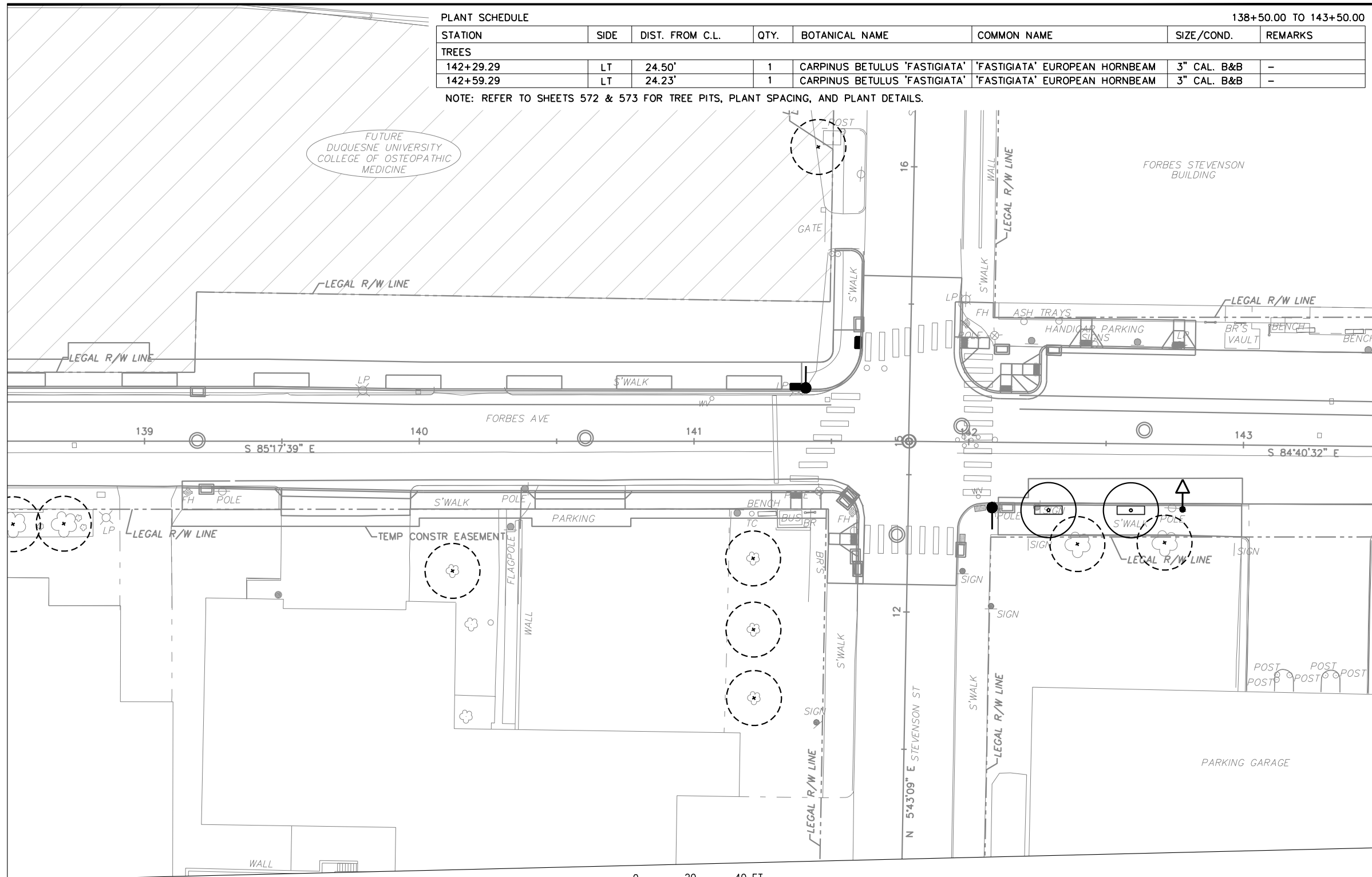
MATCH LINE SEE SHEET 577

PLANT SCHEDULE

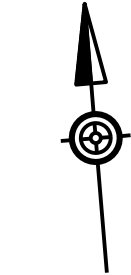
138+50.00 TO 143+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
142+29.29	LT	24.50'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
142+59.29	LT	24.23'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



MATCH LINE SEE SHEET 595



- TREE CALCULATIONS:**
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 6"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"
- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'

OPERATOR: \$USER\$ \$FILE\$



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FORBES AVE - STA 138+50 TO STA 143+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS23 SHT. 594

PLOTTED: \$DATES\$ \$TIMES\$

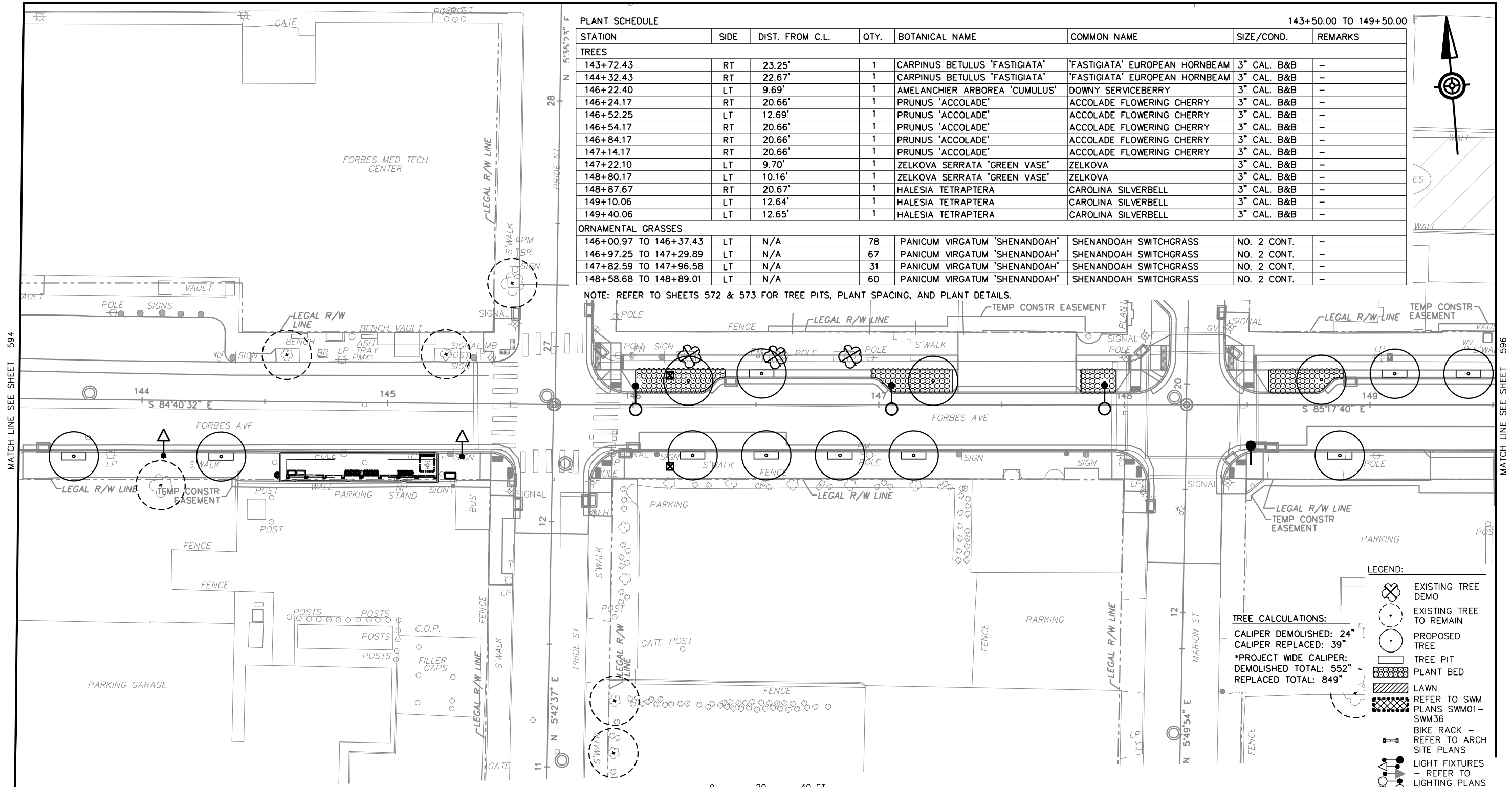
MATCH LINE SEE SHEET 578

MATCH LINE SEE SHEET 579

PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
143+72.43	RT	23.25'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
144+32.43	RT	22.67'	1	CARPINUS BETULUS 'FASTIGIATA'	'FASTIGIATA' EUROPEAN HORNBEAM	3" CAL. B&B	-
146+22.40	LT	9.69'	1	AMELANCHIER ARBOREA 'CUMULUS'	DOWNY SERVICEBERRY	3" CAL. B&B	-
146+24.17	RT	20.66'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
146+52.25	LT	12.69'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
146+54.17	RT	20.66'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
146+84.17	RT	20.66'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
147+14.17	RT	20.66'	1	PRUNUS 'ACCOLADE'	ACCOLADE FLOWERING CHERRY	3" CAL. B&B	-
147+22.10	LT	9.70'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
148+80.17	LT	10.16'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
148+87.67	RT	20.67'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
149+10.06	LT	12.64'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
149+40.06	LT	12.65'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
ORNAMENTAL GRASSES							
146+00.97 TO 146+37.43	LT	N/A	78	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
146+97.25 TO 147+29.89	LT	N/A	67	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
147+82.59 TO 147+96.58	LT	N/A	31	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
148+58.68 TO 148+89.01	LT	N/A	60	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



0 20 40 FT
SCALE: 1" = 40'

LEGEND:

- EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS
- TREE CALCULATIONS:**
 CALIPER DEMOLISHED: 24"
 CALIPER REPLACED: 39"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

OPERATOR: \$USERS\$ \$FILEL\$



NO.	DATE	DESCRIPTION
REVISIONS		

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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FORBES AVE - STA 143+50 TO STA 149+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS24 SHT. 595

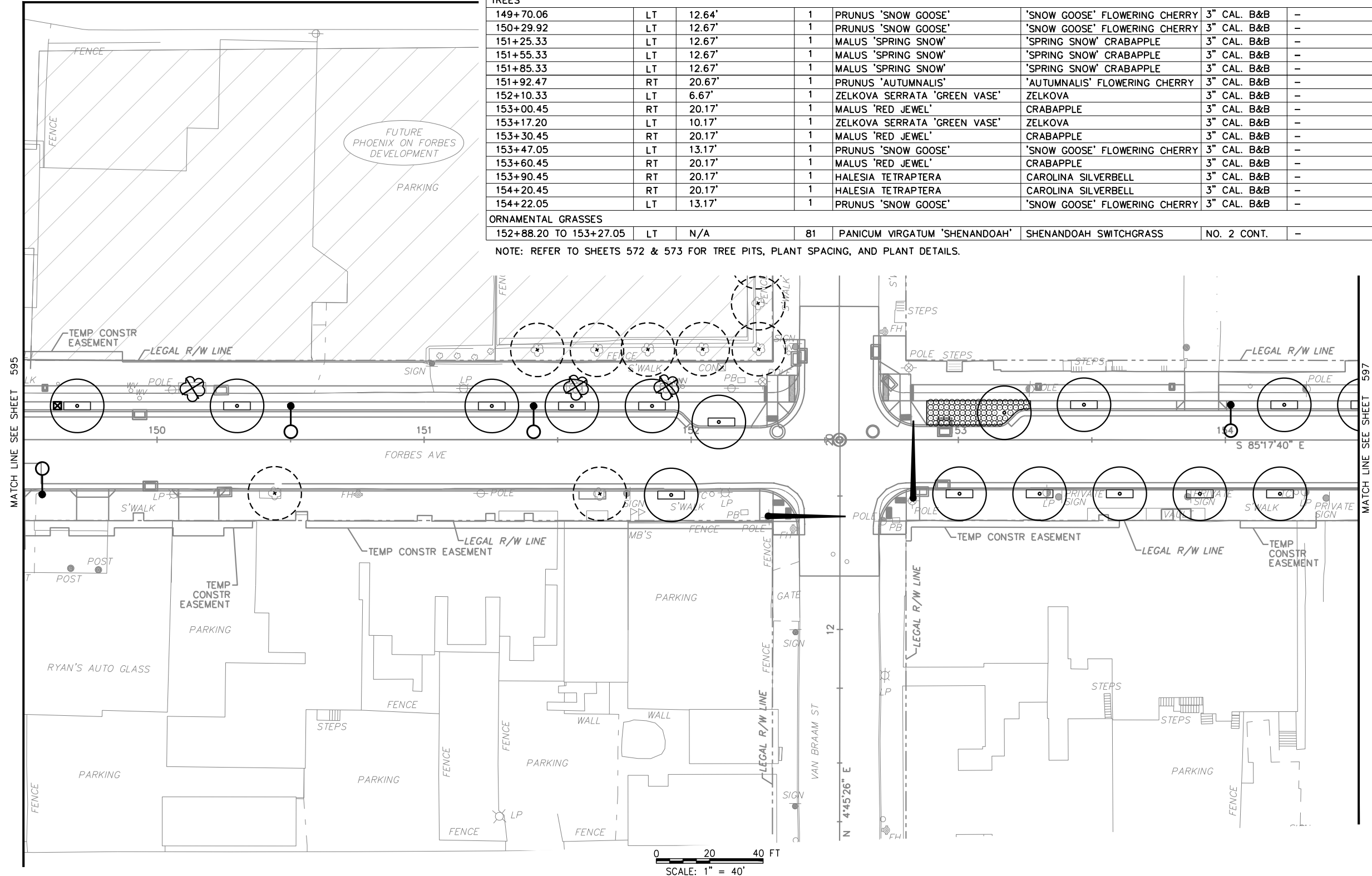
MATCH LINE SEE SHEET 579

149+50.00 TO 154+50.00

PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
149+70.06	LT	12.64'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
150+29.92	LT	12.67'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
151+25.33	LT	12.67'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
151+55.33	LT	12.67'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
151+85.33	LT	12.67'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
151+92.47	RT	20.67'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
152+10.33	LT	6.67'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
153+00.45	RT	20.17'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
153+17.20	LT	10.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
153+30.45	RT	20.17'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
153+47.05	LT	13.17'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
153+60.45	RT	20.17'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
153+90.45	RT	20.17'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
154+20.45	RT	20.17'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
154+22.05	LT	13.17'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
ORNAMENTAL GRASSES							
152+88.20 TO 153+27.05	LT	N/A	81	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 21"
 CALIPER REPLACED: 45"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS



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 PITTSBURGH PENNSYLVANIA

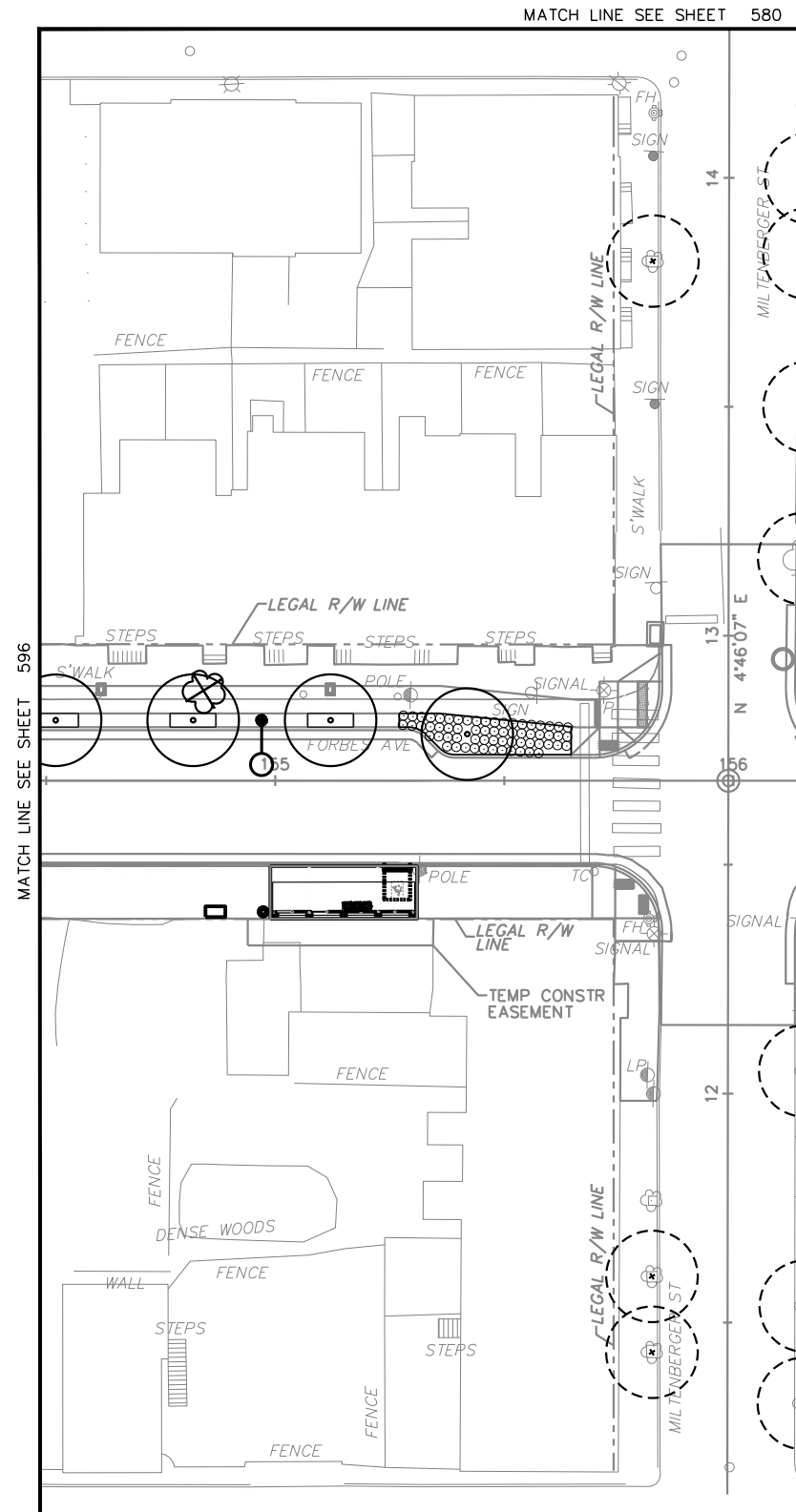
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FORBES AVE - STA 149+50 TO STA 154+50

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 DWG. NO. LS25 SHT. 596

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OPERATOR: \$USERS\$ FILE PATH: \$FILEL\$

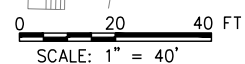
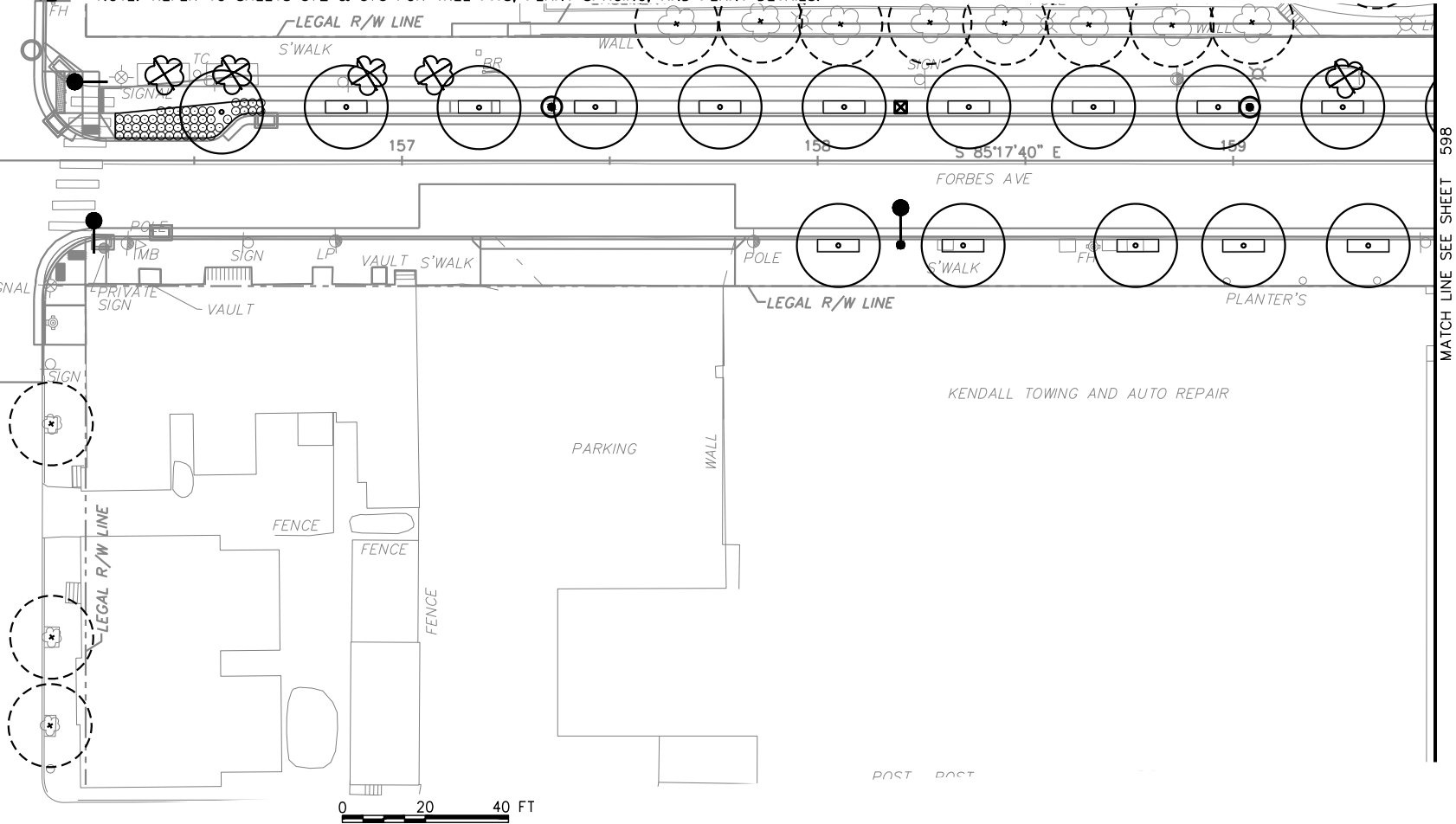


PLANT SCHEDULE

154+50.00 TO 159+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
154+52.05	LT	13.16'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
154+82.05	LT	13.17'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
155+12.05	LT	13.17'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
155+41.90	LT	10.17'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
156+56.57	LT	11.67'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
156+86.57	LT	12.89'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
157+18.53	LT	12.75'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
157+46.52	LT	12.90'	1	NYSSA SYLVATICA	BLACK GUM	3" CAL. B&B	-
157+76.52	LT	12.91'	1	NYSSA SYLVATICA	BLACK GUM	3" CAL. B&B	-
158+06.36	LT	12.92'	1	NYSSA SYLVATICA	BLACK GUM	3" CAL. B&B	-
158+05.00	RT	20.42'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
158+36.36	LT	12.91'	1	NYSSA SYLVATICA	BLACK GUM	3" CAL. B&B	-
158+34.98	RT	20.42'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
158+66.36	LT	12.92'	1	NYSSA SYLVATICA	BLACK GUM	3" CAL. B&B	-
158+76.50	RT	20.42'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
158+96.36	LT	12.92'	1	NYSSA SYLVATICA	BLACK GUM	3" CAL. B&B	-
159+02.51	RT	20.42'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
159+26.36	LT	12.92'	1	NYSSA SYLVATICA	BLACK GUM	3" CAL. B&B	-
159+32.50	RT	20.42'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
ORNAMENTAL GRASSES							
155+27.05 TO 155+64.59	LT	N/A	63	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
156+30.99 TO 156+66.36	LT	N/A	53	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 53"
 CALIPER REPLACED: 57"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS



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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

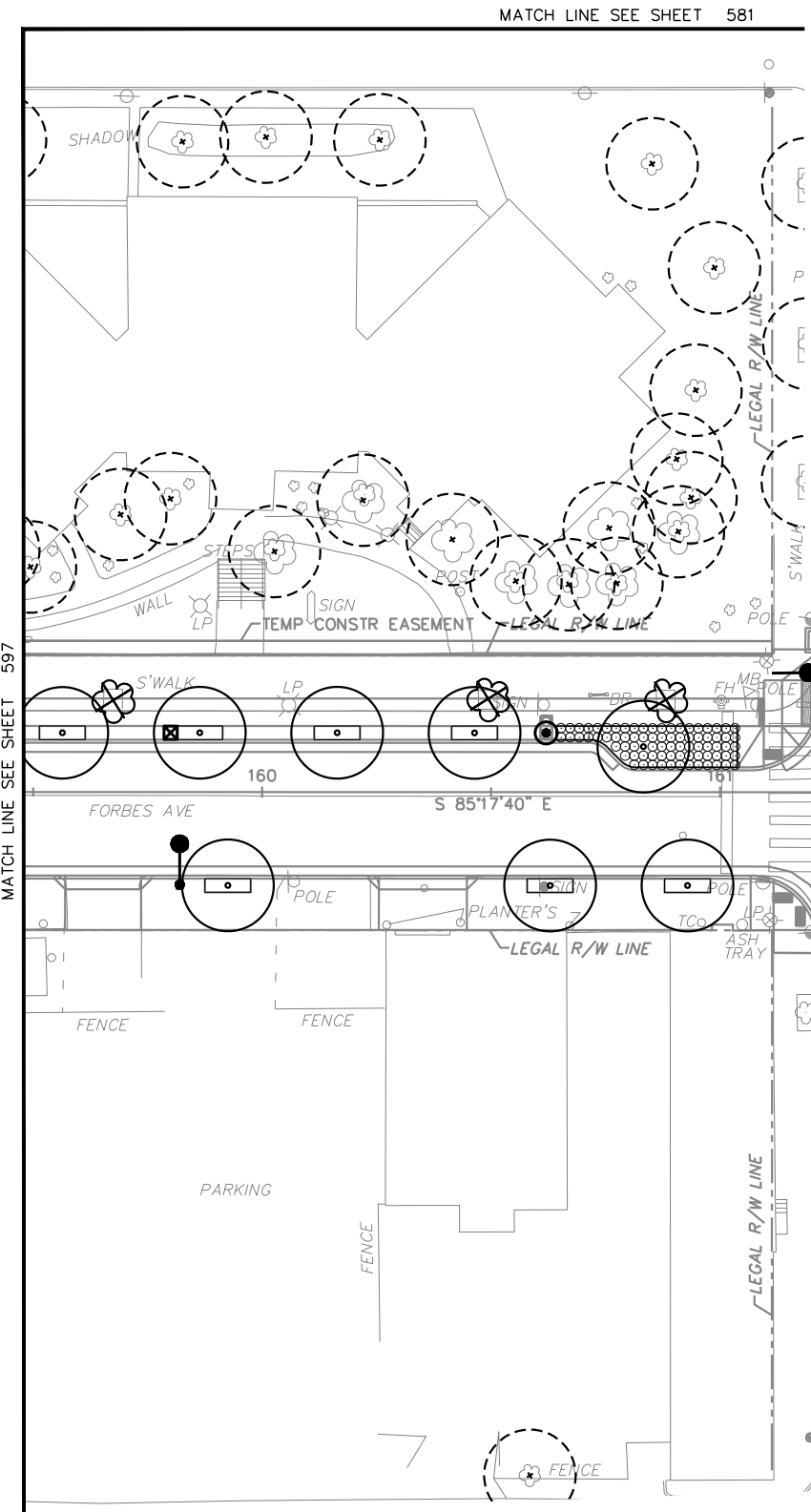
BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
 FORBES AVE - STA 154+50 TO STA 159+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS26 SHT. 597

PLOTTED: \$DATES\$ \$TIMES\$

OPERATOR: \$USERS\$ \$FILEL\$

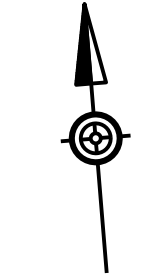


PLANT SCHEDULE

159+50.00 TO 164+50.00

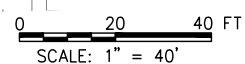
STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
159+56.36	LT	12.92'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
159+86.36	LT	12.93'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
159+92.50	RT	20.42'	1	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	3" CAL. B&B	-
160+16.36	LT	12.92'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
160+46.36	LT	12.92'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
160+69.87	RT	20.42'	1	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	3" CAL. B&B	-
160+76.21	LT	9.91'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
160+92.87	RT	20.42'	1	GYMNOCLADUS DIOICUS	KENTUCKY COFFEETREE	3" CAL. B&B	-
161+97.08	LT	10.20'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
162+15.13	RT	20.16'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
162+26.94	LT	13.13'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
162+56.94	LT	13.13'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
162+86.94	LT	13.14'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
163+16.94	LT	13.13'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
163+46.94	LT	13.13'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
163+76.94	LT	13.13'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
164+06.94	LT	13.12'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
164+36.94	LT	13.12'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
ORNAMENTAL GRASSES							
160+64.17 TO 161+03.73	LT	N/A	78	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
161+69.33 TO 162+13.94	LT	N/A	88	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 42"
 CALIPER REPLACED: 54"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS



NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	RAW
DRAWN	ARG
CHECKED	RAW
IN CHARGE	DCK
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
 FORBES AVE - STA 159+50 TO STA 164+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS27 SHT. 598

PLOTTED: \$DATE\$ \$TIME\$

OPERATOR: \$USER\$ \$FILE\$

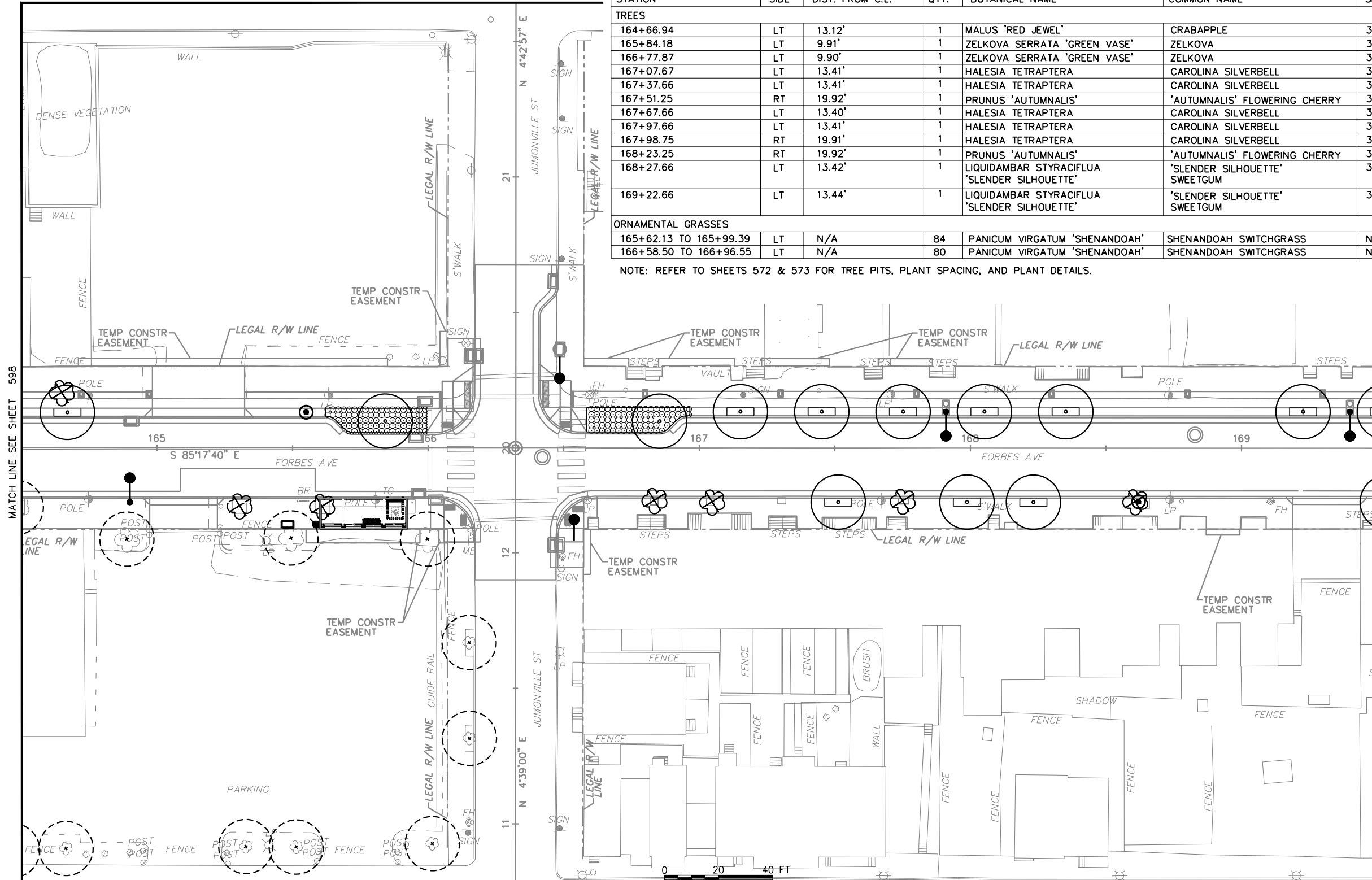
MATCH LINE SEE SHEET 582

164+50.00 TO 169+50.00

PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
164+66.94	LT	13.12'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
165+84.18	LT	9.91'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
166+77.87	LT	9.90'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
167+07.67	LT	13.41'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
167+37.66	LT	13.41'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
167+51.25	RT	19.92'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
167+67.66	LT	13.40'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
167+97.66	LT	13.41'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
167+98.75	RT	19.91'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
168+23.25	RT	19.92'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
168+27.66	LT	13.42'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
169+22.66	LT	13.44'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
ORNAMENTAL GRASSES							
165+62.13 TO 165+99.39	LT	N/A	84	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
166+58.50 TO 166+96.55	LT	N/A	80	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 64"
 CALIPER REPLACED: 36"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

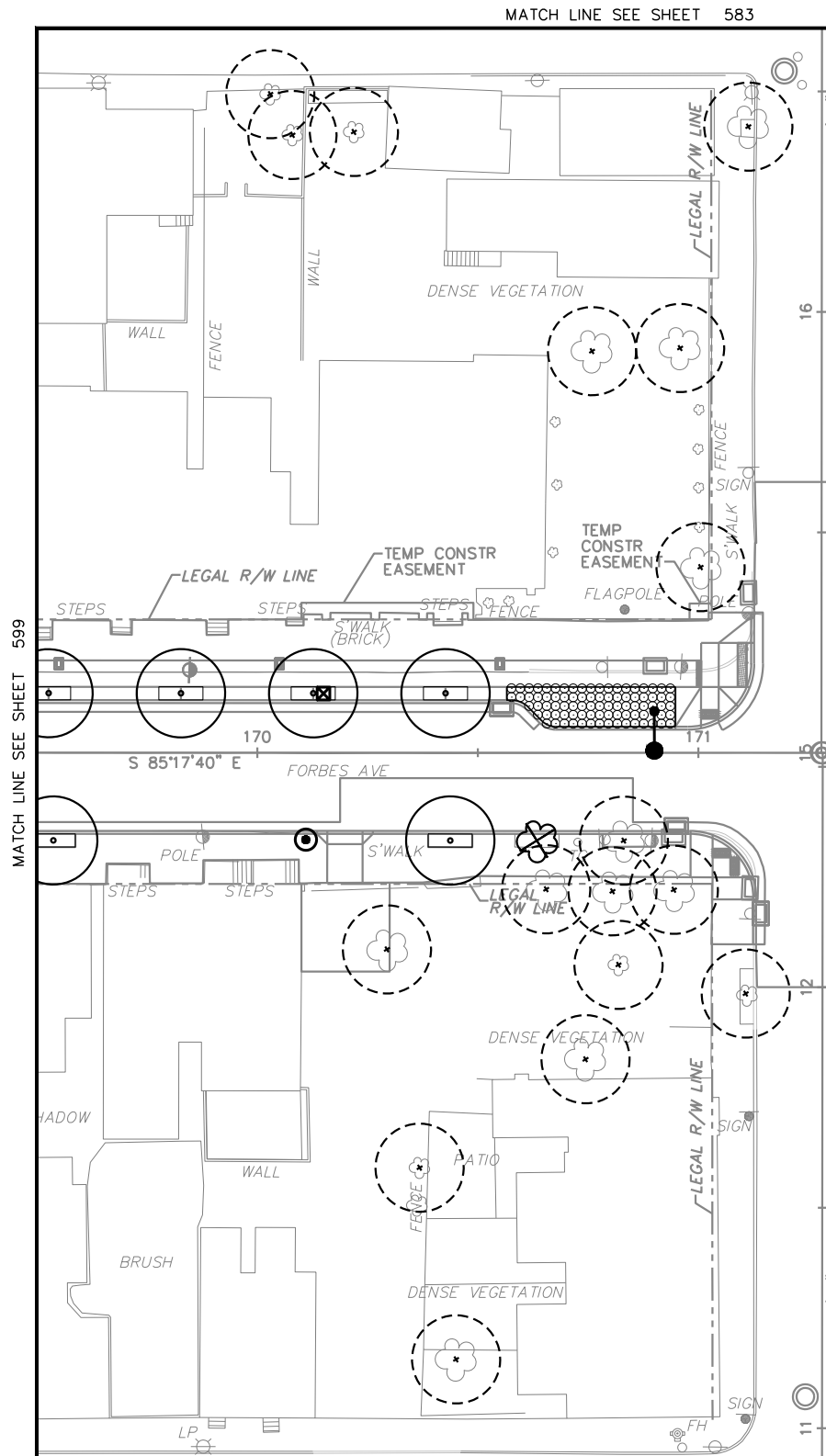
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FORBES AVE - STA 164+50 TO STA 169+50

Port Authority
 connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS28 SHT. 599

PLOTTED: \$DATES\$ \$TIMES\$

OPERATOR: \$USERS\$ \$FILES\$
FILE PATH: \$FILEL\$

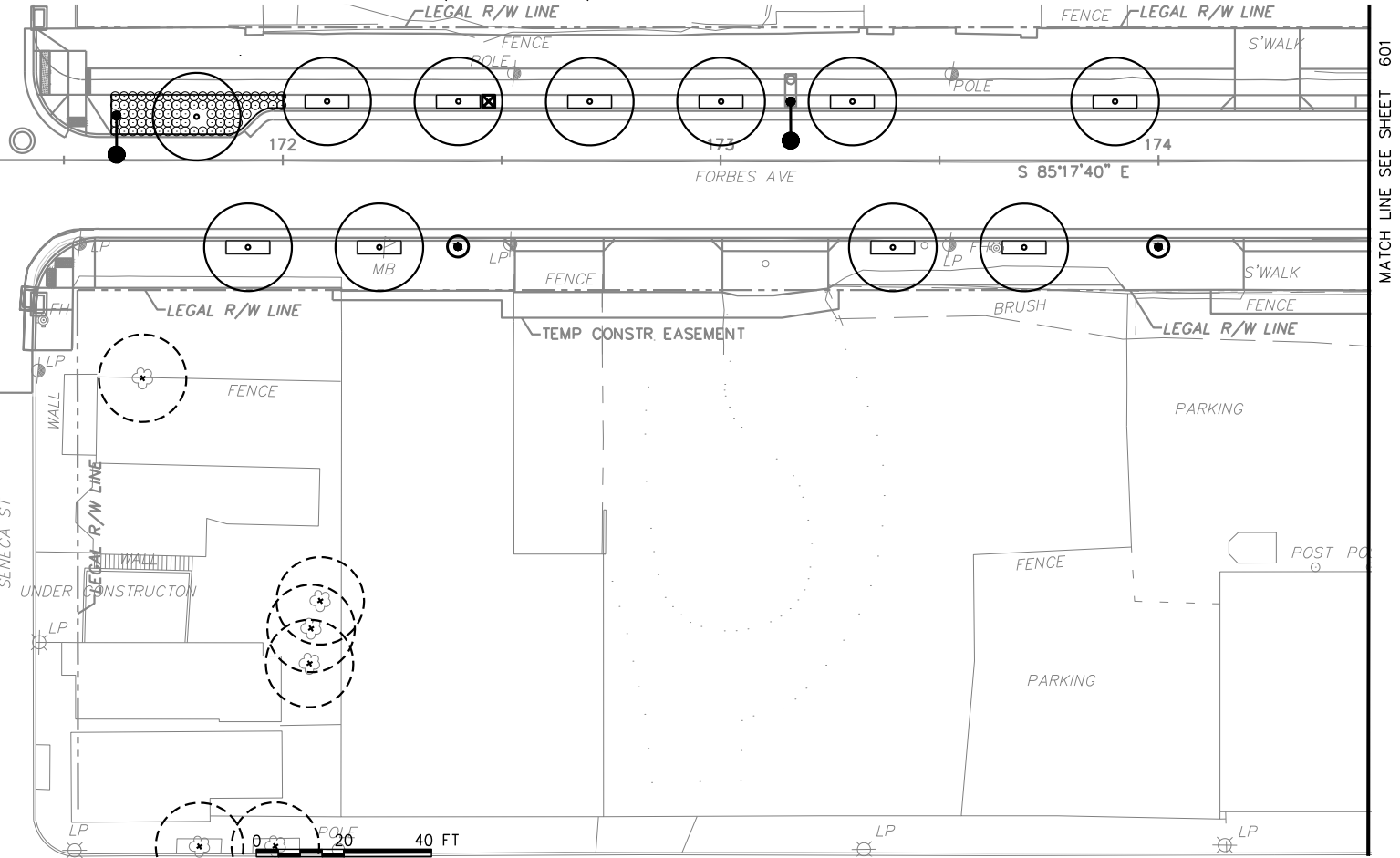


PLANT SCHEDULE

169+50.00 TO 174+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
169+52.66	LT	13.44'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
169+53.75	RT	19.92'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
169+82.66	LT	13.45'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
170+12.66	LT	13.46'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
170+42.66	LT	13.46'	1	LIQUIDAMBAR STYRACIFLUA 'SLENDER SILHOUETTE'	'SLENDER SILHOUETTE' SWEETGUM	3" CAL. B&B	-
170+43.75	RT	19.92'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
171+80.28	LT	9.91'	1	ZELKOVA SERRATA 'GREEN VASE'	ZELKOVA	3" CAL. B&B	-
171+92.03	RT	19.92'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
172+10.08	LT	13.41'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
172+22.03	RT	19.92'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
172+40.07	LT	13.41'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
172+70.07	LT	13.40'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
173+00.07	LT	13.41'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
173+30.07	LT	13.42'	1	MALUS 'RED JEWEL'	CRABAPPLE	3" CAL. B&B	-
173+39.31	RT	19.92'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
173+69.31	RT	19.91'	1	PRUNUS 'SNOW GOOSE'	'SNOW GOOSE' FLOWERING CHERRY	3" CAL. B&B	-
173+90.07	LT	13.41'	1	HALESIA TETRAPTERA	CAROLINA SILVERBELL	3" CAL. B&B	-
ORNAMENTAL GRASSES							
170+56.55 TO 170+94.81	LT	N/A	85	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-
171+60.84 TO 172+00.07	LT	N/A	80	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 5"
 CALIPER REPLACED: 51"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

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 64 S 14TH STREET
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NO.	DATE	DESCRIPTION
REVISIONS		

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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
 FORBES AVE - STA 169+50 TO STA 173+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS29 SHT. 600

PLOTTED: \$DATE\$ \$TIME\$

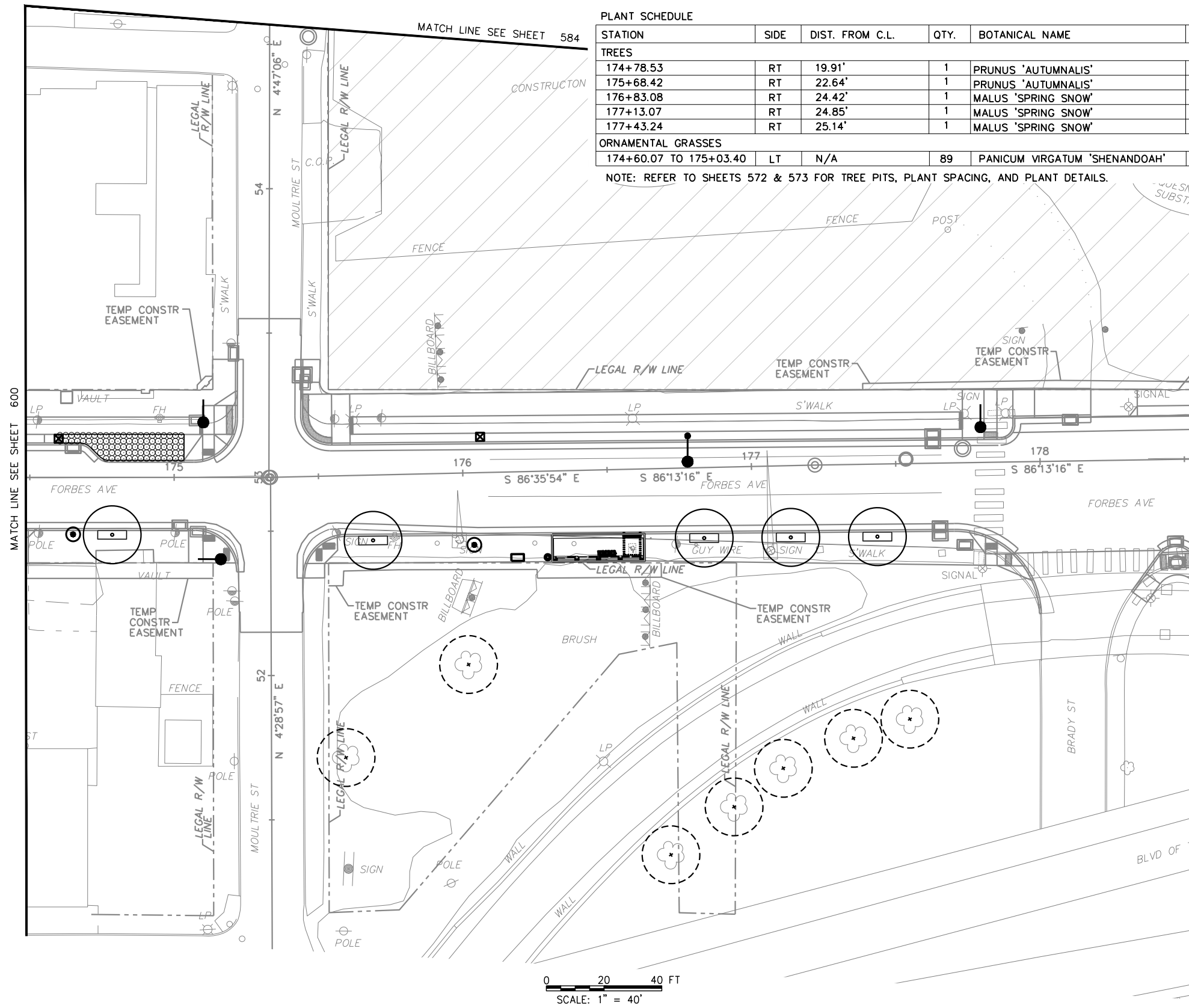
OPERATOR: \$USER\$ \$FILE\$

174+50.00 TO 178+50.00

PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
174+78.53	RT	19.91'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
175+68.42	RT	22.64'	1	PRUNUS 'AUTUMNALIS'	'AUTUMNALIS' FLOWERING CHERRY	3" CAL. B&B	-
176+83.08	RT	24.42'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
177+13.07	RT	24.85'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
177+43.24	RT	25.14'	1	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	3" CAL. B&B	-
ORNAMENTAL GRASSES							
174+60.07 TO 175+03.40	LT	N/A	89	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCHGRASS	NO. 2 CONT.	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 15"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

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 PITTSBURGH, PA 15203
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FORBES AVE - STA 173+50 TO STA 177+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS30 SHT. 601

PLOTTED: \$DATE\$ \$TIME\$

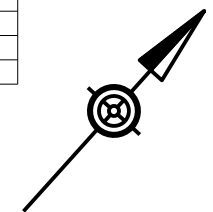
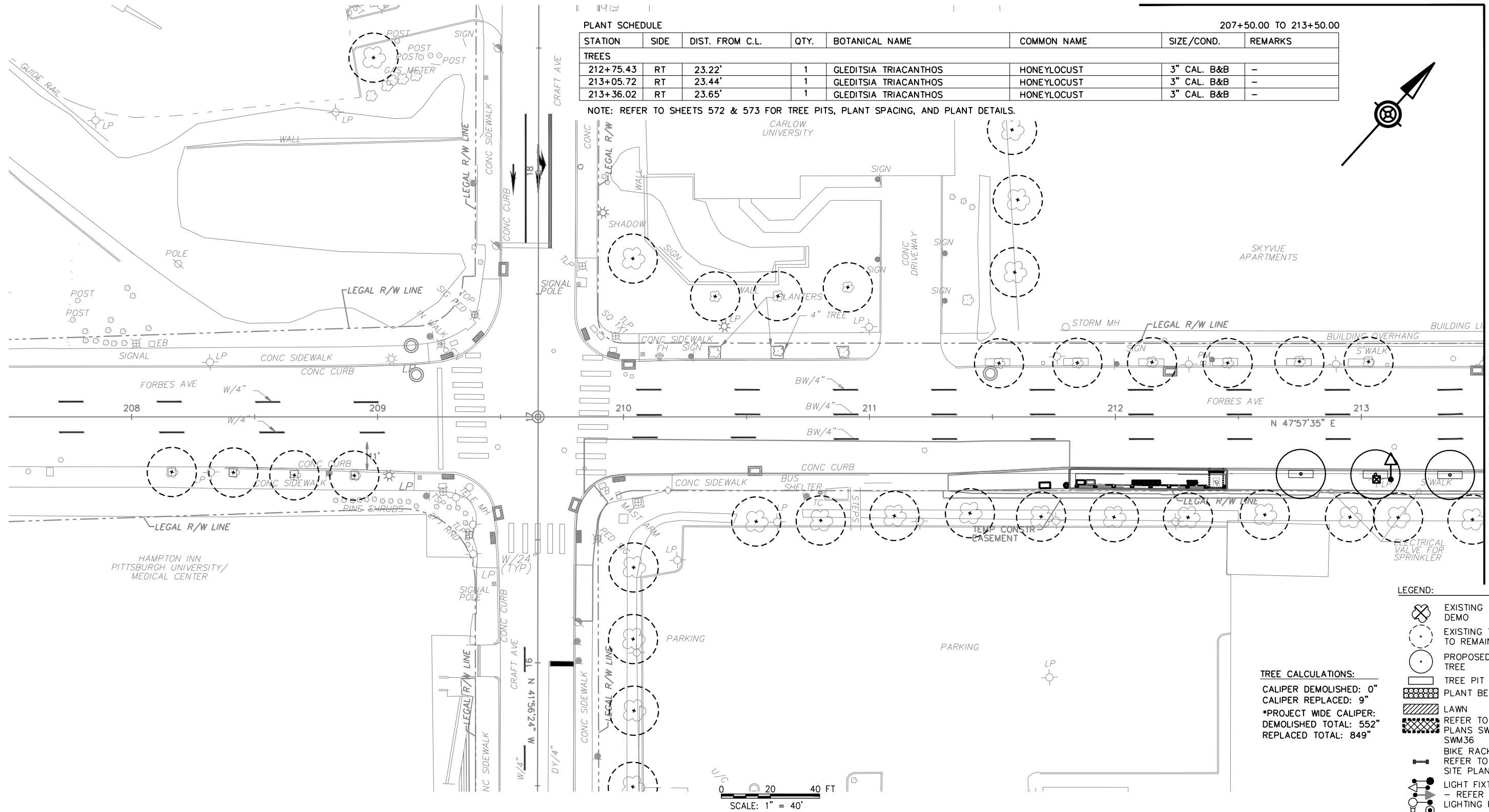
MATCH LINE SEE SHEET 590

PLANT SCHEDULE

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
212+75.43	RT	23.22'	1	GLEDITSIA TRIACANTHOS	HONEYLOCUST	3" CAL. B&B	-
213+05.72	RT	23.44'	1	GLEDITSIA TRIACANTHOS	HONEYLOCUST	3" CAL. B&B	-
213+36.02	RT	23.65'	1	GLEDITSIA TRIACANTHOS	HONEYLOCUST	3" CAL. B&B	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.

207+50.00 TO 213+50.00



- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
 - BIKE RACK - REFER TO ARCH SITE PLANS
 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 9"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

SCALE: 1" = 40'

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 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LANDSCAPE PLANS
 FORBES AVE - STA 207+50 TO STA 213+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS31 SHT. 602

OPERATOR: \$USER\$ FILE PATH: \$FILEL\$

PLOTTED: \$DATE\$ \$TIME\$

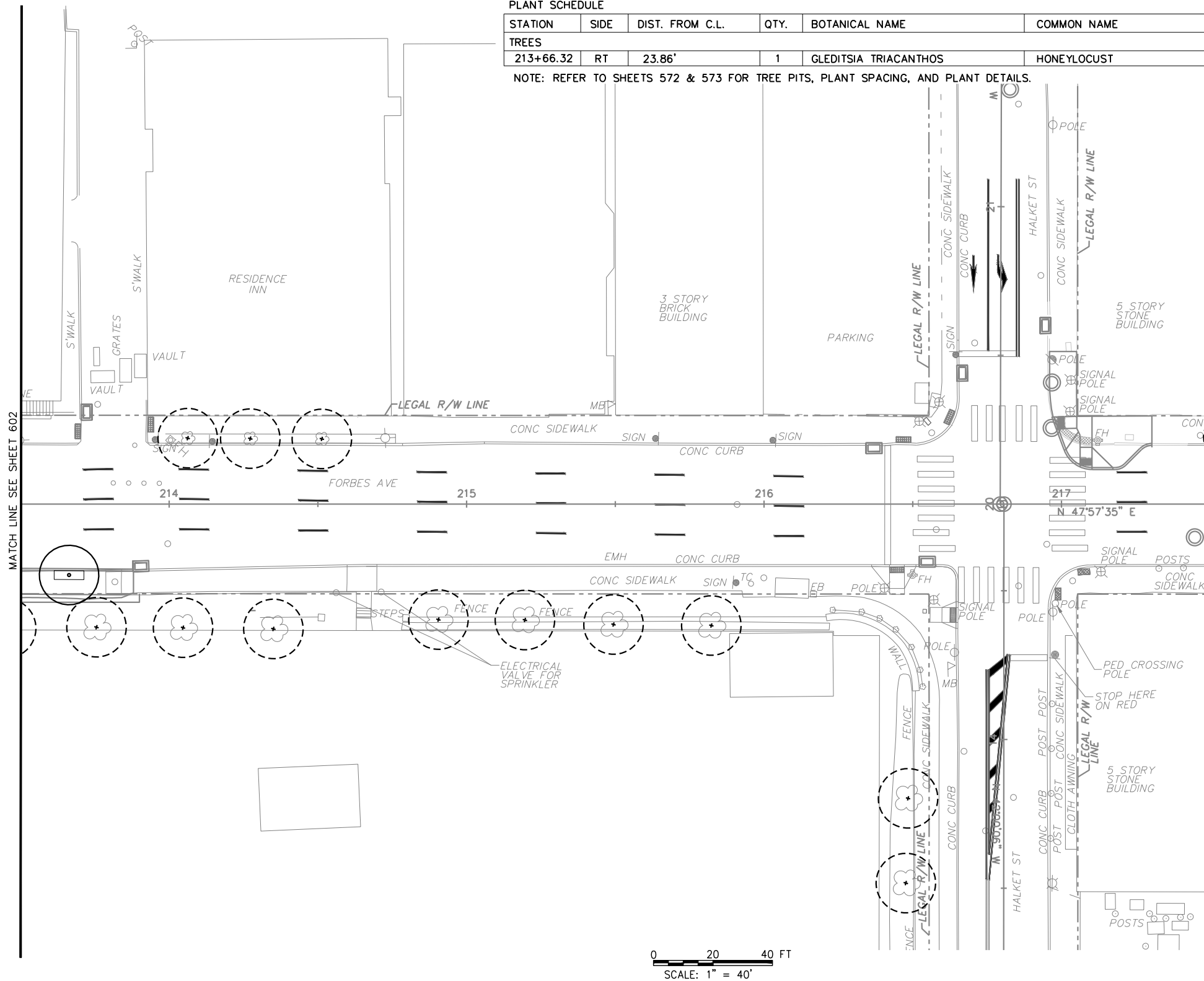
OPERATOR: \$USER\$ \$FILE\$

PLANT SCHEDULE

213.+50.00 TO 217+50.00

STATION	SIDE	DIST. FROM C.L.	QTY.	BOTANICAL NAME	COMMON NAME	SIZE/COND.	REMARKS
TREES							
213+66.32	RT	23.86'	1	GLEDITSIA TRIACANTHOS	HONEYLOCUST	3" CAL. B&B	-

NOTE: REFER TO SHEETS 572 & 573 FOR TREE PITS, PLANT SPACING, AND PLANT DETAILS.



TREE CALCULATIONS:
 CALIPER DEMOLISHED: 0"
 CALIPER REPLACED: 3"
 *PROJECT WIDE CALIPER:
 DEMOLISHED TOTAL: 552"
 REPLACED TOTAL: 849"

- LEGEND:**
- EXISTING TREE DEMO
 - EXISTING TREE TO REMAIN
 - PROPOSED TREE
 - TREE PIT
 - PLANT BED
 - LAWN
 - REFER TO SWM PLANS SWM01-SWM36
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 - LIGHT FIXTURES - REFER TO LIGHTING PLANS

0 20 40 FT
 SCALE: 1" = 40'

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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LANDSCAPE PLANS
 FORBES AVE - STA 213+50 TO STA 217+50

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. LS32 SHT. 603

GENERAL NOTES

1. PROVIDE MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH PENNSYLVANIA DEPARTMENT OF TRANSPORTATION'S PUBLICATION 408, 2016 EDITION, LATEST CHANGE UNLESS NOTED OTHERWISE.
2. FOR NAMES, ADDRESSES, AND LOCATIONS OF EXISTING UTILITY FACILITIES, SEE ROADWAY CONSTRUCTION PLAN.
3. WHENEVER AN EXISTING UNDERGROUND UTILITY IS SHOWN ON THE DRAWINGS TO BE LOCATED IN THE IMMEDIATE VICINITY OF PROPOSED CONSTRUCTION, ITS LOCATION IS APPROXIMATE AND THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY AND REQUEST THAT THEY FIELD LOCATE THEIR FACILITY.
4. INSTALL SIGNING AND PAVEMENT MARKINGS IN ACCORDANCE WITH:
 - A. PENNDOT PUBLICATION 111, DATED JUNE 17, 2013 (TRAFFIC CONTROL - PAVEMENT MARKINGS AND SIGNING STANDARDS).
 - B. PENNDOT PUBLICATION 212, DATED MARCH 31, 2006 (OFFICIAL TRAFFIC CONTROL DEVICES).
 - C. PENNDOT PUBLICATION 236, DATED NOVEMBER 19, 2013 AND LATEST REVISIONS (HANDBOOK OF APPROVED SIGNS).
 - D. FEDERAL HIGHWAY ADMINISTRATION'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION AND LATEST REVISIONS (MUTCD).
 - E. CITY OF PITTSBURGH PARKING SIGNS STANDARDS, DATED NOVEMBER 5, 2018.
 - F. CITY OF PITTSBURGH BIKE-RELATED SIGNS STANDARDS, DATED MARCH 10, 2020.
 - G. AS DIRECTED BY THE INSPECTOR IN CHARGE.
5. DETAILS, OTHER THAN THOSE INDICATED, ARE ON THE FOLLOWING STANDARD DRAWINGS:
 - TC-8600 13 SHEETS JUNE 13, 2013
 - TC-8602 4 SHEETS JUNE 13, 2013
 - TC-8604 5 SHEETS AUGUST 17, 2021
 - TC-8700C 12 SHEETS JUNE 13, 2013
 - TC-8702B 9 SHEETS JUNE 13, 2013

SIGNING NOTES:

6. PLACE ALL SIGNS ENTIRELY WITHIN THE LEGAL RIGHT-OF-WAY.
7. ANY LEGAL OR PRIVATE SIGN THAT IS TO BE REMOVED FOR CONSTRUCTION BUT IS NOT INCLUDED IN THE TABULATIONS SHALL BE REINSTALLED AT OR NEAREST ITS ORIGINAL LOCATION. IF A SIGN IS NO LONGER NECESSARY, IT SHALL BE RETURNED TO THE OWNER.
8. ANY SIGN THAT IS TO BE REINSTALLED, THAT BECOMES DAMAGED IN ANY WAY DURING REMOVAL, STORAGE, OR REINSTALLATION, SHALL BE REPLACED IN KIND WITH A NEW SIGN AT NO ADDITIONAL COST TO THE DEPARTMENT.
9. ALL EXISTING SIGNS ARE TO BE REMOVED UNLESS OTHERWISE NOTED.
10. ALL TYPE B POST-MOUNTED SIGNS SHALL BE INSTALLED USING SQUARE CHANNEL POSTS AND ANCHORS OF THE APPROPRIATE SIZE AND BE AN APPROVED BREAKAWAY DESIGN. ANCHORS SHALL NOT EXTEND MORE THAN 1 INCH ABOVE THE GROUND LINE.
11. CONTRACTOR SHALL CALL PA ONE CALL SYSTEM, INC AT 1-800-242-1776 PRIOR TO DIGGING FOR ALL SIGNS.

PAVEMENT MARKING NOTES:

12. APPLY ALL PAVEMENT MARKINGS AT THE WIDTH INDICATED.
13. APPLY ALL PAVEMENT MARKINGS IN ACCORDANCE WITH THE THE MANUFACTURER'S RECOMMENDATIONS.
14. APPLY ALL PAVEMENT MARKINGS ON DRY PAVEMENT WHEN THE AIR AND ROADWAY TEMPERATURE ARE BETWEEN 50°F AND 90°F AND WHEN THE WIND SPEED IS LESS THAN 20 MILES PER HOUR.
15. FOR ALL PAVEMENT MARKINGS USE EPOXY (ON CONCRETE) AND HOT THERMOPLASTIC (ON ASPHALT).
16. MATCH EXISTING PAVEMENT MARKINGS ON ALL SIDE STREETS AND WHERE SPECIFIED, ENSURING SMOOTH TRANSITIONS AND REMOVING ANY CONFLICTING MARKINGS AS DIRECTED BY THE INSPECTOR IN CHARGE.
17. REFER TO THE TRAFFIC SIGNAL PLAN FOR ADDITIONAL SIGNS AND PAVEMENT MARKINGS ASSOCIATED WITH THE TRAFFIC SIGNAL, IF APPLICABLE.
18. USE MMA FOR ALL GREEN PAVEMENT MARKINGS.
19. USE MMA PAVEMENT MARKINGS OR HIGH FRICTION SURFACE TREATMENT FOR THE RED BUS LANES ON ASPHALT AND CONCRETE SURFACES.

LEGEND

- EXISTING SIGN
- PROPOSED SIGN
- PROPOSED MAST ARM
- ETR - EXISTING TO REMAIN
- REMOVE EXISTING SIGN
- GREEN PAVEMENT MARKING
- RED PAVEMENT MARKING
- REMOVABLE WHITE SURFACE MOUNTED FLEXIBLE DELINEATOR
- REMOVABLE YELLOW SURFACE MOUNTED FLEXIBLE DELINEATOR
- WHITE BIKE LANE PAVEMENT MARKING LEGEND
- WHITE CHEVRON PAVEMENT MARKING LEGEND
- Y/4" - SOLID YELLOW PAVEMENT MARKING/WIDTH
- DY/4" - SOLID DOUBLE YELLOW PAVEMENT MARKING/WIDTH
- DDY/4" - DOTTED DOUBLE YELLOW PAVEMENT MARKING/WIDTH
- CTY/4" - CYCLE TRACK BROKEN YELLOW PAVEMENT MARKING/WIDTH
- W/4" - SOLID WHITE PAVEMENT MARKING/WIDTH
- DEW/4" - DOTTED EXTENSION WHITE PAVEMENT MARKING/WIDTH
- AW/6" - AUXILIARY WHITE PAVEMENT MARKING/WIDTH
- BW/6" - BROKEN WHITE PAVEMENT MARKING/WIDTH
- G/24" - SOLID GREEN PAVEMENT MARKING/WIDTH
- R/24" - SOLID RED PAVEMENT MARKING/WIDTH
- PAVEMENT MARKING LEGENDS, LANE ARROWS
- PAVEMENT MARKING LEGENDS
- PAVEMENT MARKING LEGEND, LANE REDUCTION TRANSITION ARROW
- YIELD LINE MARKINGS



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DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS GENERAL NOTES		
Port Authority <small>connecting people to life</small>		CONTRACT NO. BRT-001
DWG. NO.	SN1	SHT. 604

POST MOUNTED SIGNS, TYPE B	POST MOUNTED SIGNS, TYPE F	STRUCTURE MOUNTED FLAT SHEET ALUMINUM SIGN WITH STIFFENERS	RESET POST MOUNTED SIGNS TYPE B	RESET POST MOUNTED SIGNS TYPE F	REMOVE POST MOUNTED SIGNS, TYPE B	REMOVE POST MOUNTED SIGNS, TYPE F	REMARKS
02891 .001 SF	02891 .003 SF	02891 .007 SF	02891 .011 EA	02891 .013 EA	022891 .031 EA	022891 .032 EA	ITEM NUMBER UNIT
40.50	54.00		0	1			DOWNTOWN SIGNING TAB 1
					6	9	DOWNTOWN SIGNING TAB 2
40.5	54	0	0	1	6	9	DOWNTOWN SIGNING TOTAL
360.15							UPTOWN - FIFTH AVE SIGNING TAB 1
171.00			24				UPTOWN - FIFTH AVE SIGNING TAB 2
	194.09						UPTOWN - FIFTH AVE SIGNING TAB 3
	11.00			39	16	21	UPTOWN - FIFTH AVE SIGNING TAB 4
					29	57	UPTOWN - FIFTH AVE SIGNING TAB 5
					13	54	UPTOWN - FIFTH AVE SIGNING TAB 6
531.15	205.09	0	24	39	58	132	UPTOWN - FIFTH AVE SIGNING TOTAL
291.50							UPTOWN - FORBES AVE SIGNING TAB 1
	124.35						UPTOWN - FORBES AVE SIGNING TAB 2
			45				UPTOWN - FORBES AVE SIGNING TAB 3
				34	9	9	UPTOWN - FORBES AVE SIGNING TAB 4
					65	42	UPTOWN - FORBES AVE SIGNING TAB 5
291.50	124.35	0.00	45	34	74	51	UPTOWN - FORBES AVE SIGNING TOTAL
							UPTOWN MISCELLANEOUS
822.65	329.44	0.00	69.00	73.00	132.00	183.00	UPTOWN SIGNING TOTAL

POST MOUNTED SIGNS, TYPE B	POST MOUNTED SIGNS, TYPE F	STRUCTURE MOUNTED FLAT SHEET ALUMINUM SIGN WITH STIFFENERS	RESET POST MOUNTED SIGNS TYPE B	RESET POST MOUNTED SIGNS TYPE F	REMOVE POST MOUNTED SIGNS, TYPE B	REMOVE POST MOUNTED SIGNS, TYPE F	REMARKS		
02891 .001 SF	02891 .003 SF	02891 .007 SF	02891 .011 EA	02891 .013 EA	022891 .031 EA	022891 .032 EA	ITEM NUMBER UNIT		
168.50	98.50						OAKLAND - FIFTH AVE SIGNING TAB 1		
				13	7	12	33	OAKLAND - FIFTH AVE SIGNING TAB 2	
						10	33	OAKLAND - FIFTH AVE SIGNING TAB 3	
168.50	98.50	0		13	7	22	66	OAKLAND - FIFTH AVE SIGNING TOTAL	
178.25	80.25			8				OAKLAND - FORBES AVE SIGNING TAB 1	
		18.00			4	13	26	OAKLAND - FORBES AVE SIGNING TAB 2	
178.25	80.25	18.00		8	4	13	26	OAKLAND - FORBES AVE SIGNING TOTAL	
346.75	178.75	18.00		21	11	35	92	OAKLAND SIGNING TOTAL	
1209.90	562.19	18.00	0.00	90.00	85.00	173.00	284.00	0.00	TOTAL



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF QUANTITIES

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. SN2 SHT. 605

02761 .001 LF	02761 .002 LF	02761 .003 LF	02761 .004 LF	02761 .005 LF	02761 .006 LF	02761 .007 LF	02761 .008 EA	02761 .009 EA	02761 .010 EA	02761 .011 EA	02761 .012 EA	02761 .013 EA	02761 .014 EA	02761 .015 EA	02761 .016 EA	02761 .018 EA	02761 .019 EA	02761 .020 EA	02761 .021 SF	02761 .022 EA	02761 .023 LF	02761 .024 LF	02761 .026 EA	02761 .027 LF	02761 .028 LF	02762 .001 SF	ITEM NUMBER	UNIT	REMARKS	SIDE	STATION	
509	575	1206	509	25	356		2	2	2					9	7		1	8									6188		DOWNTOWN PAVEMENT MARKING TAB 1			
509	575	1206	509	25	356	0	2	2	2	0	0	0	0	9	7	0	1	8	0	0	0	0	0	0	0	0	6188		DOWNTOWN PAVEMENT MARKING TOTAL			
10741	3074	2712	4410	279	2819	323	16	16	8	17	5		2	34	33	3		1			70						188	56497	UPTOWN - FIFTH AVE PAVEMENT MARKING TAB 1			
																														UPTOWN - FIFTH AVE PAVEMENT MARKING TAB 2		
7826	2852	2007	4118	588	3191		19	19	5	30				34	32			8	1		40		2			265	40298	UPTOWN - FORBES AVE PAVEMENT MARKING TAB 1				
																														UPTOWN - FORBES AVE PAVEMENT MARKING TAB 2		
18567	5926	4719	8528	867	6010	323	35	35	13	47	5	0	2	68	65	3	0	9	1	0	110	0	2	0	453	96795		UPTOWN PAVEMENT MARKING TOTAL				
1486	4408	7009	2391	808	4175		13	13	22	32	2	3	1	37	38			8				17			354	27103		OAKLAND - FIFTH AVE PAVEMENT MARKING TAB 1				
																														OAKLAND - FIFTH AVE PAVEMENT MARKING TAB 2		
596	553	5119	2729	327	2738		10	10	12	14				12	12			12		2	5			1380	396	29422		OAKLAND - FORBES AVE PAVEMENT MARKING TAB 1				
																														OAKLAND - FORBES AVE PAVEMENT MARKING TAB 2		
2082	4961	12128	5120	1135	6913	0	23	23	34	46	2	4	1	49	50	0	0	20	0	2	5	17	0	1380	750	56525		OAKLAND PAVEMENT MARKING TOTAL				
21158	11462	18053	14156	2027	13279	323	60	60	49	93	7	4	3	126	122	3	1	37	1	2	115	17	2	1380	1203	159508		PAVEMENT MARKING TOTAL				



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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF QUANTITIES	
 connecting people to life	CONTRACT NO. BRT-001
	DWG. NO. SN3 SHT. 606

24" GREEN MMA PAVEMENT MARKINGS	GREEN MMA PAVEMENT MARKING	4' X 12' BIKE BOX	5' X 10' BIKE BOX	5' X 12' BIKE BOX	9' X 8' BIKE BOX	10' X 16' BIKE BOX	10' X 17' BIKE BOX	10' X 12'-6" BIKE BOX	40' X 5' BIKE BOX	8' X 10' BIKE BOX	4" WHITE EPOXY PAVEMENT MARKINGS	4" YELLOW EPOXY PAVEMENT MARKINGS	8" WHITE EPOXY PAVEMENT MARKINGS	24" WHITE EPOXY PAVEMENT MARKINGS	WHITE EPOXY LEGEND "BUS", 8'-0"	WHITE EPOXY LEGEND, "ONLY", 8'-0"	WHITE EPOXY LEGEND "STRAIGHT ARROW", 8'-0"	WHITE EPOXY LEGEND "BICYCLE WITH RIDER", 6'-0" X 3'-4"	WHITE EPOXY LEGEND "STRAIGHT ARROW", 6'-0" X 1'-4"	WHITE EPOXY LEGEND "PED SYMBOL", 6'-0" X 3'-4"	WHITE EPOXY LEGEND, "CHEVRON"	WHITE EPOXY LEGEND, "BICYCLE DETECTOR SYMBOL"	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING LEGEND REMOVAL	FLEXIBLE DELINEATOR POST, SURFACE MOUNT TYPE SM-1, WHITE POST WITH WHITE SHEETING	FLEXIBLE DELINEATOR POST, SURFACE MOUNT TYPE SM-1, YELLOW POST WITH YELLOW SHEETING	REMARKS	SIDE	STATION
02762 .002 LF	02762 .003 SF	02762 .004 EA	02762 .005 EA	02762 .006 EA	02762 .007 EA	02762 .008 EA	02762 .009 EA	02762 .010 EA	02762 .011 EA	02762 .012 EA	02763 .001 LF	02763 .002 LF	02763 .004 LF	02763 .006 LF	02763 .008 EA	02763 .009 EA	02763 .012 EA	02763 .015 EA	02763 .017 EA	02763 .020 EA	02763 .021 SF	02764 .001 SF	02764 .002 EA	02765 .001 EA	02765 .002 EA	ITEM NUMBER	UNIT		
									1			592	296	48	2	2	1	1					900	1	27	4	DOWNTOWN PAVEMENT MARKING TAB 1		
57																											DOWNTOWN PAVEMENT MARKING TAB 2		
57	0	0	0	0	0	0	0	0	1	0	0	592	296	48	2	2	1	1	0	0	0	0	900	1	27	4	DOWNTOWN PAVEMENT MARKING TOTAL		
																											UPTOWN - FIFTH AVE PAVEMENT MARKING TAB 1		
734	2920	1									3596	590		5				8	10	6	36	1	2700	10	4		UPTOWN - FIFTH AVE PAVEMENT MARKING TAB 2		
																											UPTOWN - FORBES AVE PAVEMENT MARKING TAB 1		
220	719						1				78										7						UPTOWN - FORBES AVE PAVEMENT MARKING TAB 2		
																											UPTOWN PAVEMENT MARKING TOTAL		
																											OAKLAND - FIFTH AVE PAVEMENT MARKING TAB 1		
938	59			1	2			1		2				6				4	4	4		1	13100	8	43	26	OAKLAND - FIFTH AVE PAVEMENT MARKING TAB 2		
																											OAKLAND - FORBES AVE PAVEMENT MARKING TAB 1		
233	238		1							1													14203	53		35	OAKLAND - FORBES AVE PAVEMENT MARKING TAB 2		
																											OAKLAND PAVEMENT MARKING TOTAL		
1171	297	0	1	1	2	0	1	1	0	3	0	0	0	6	0	0	0	4	4	4	0	1	27303	61	43	61	PAVEMENT MARKING TOTAL		
1448	3937	1	1	1	2	1	1	1	1	3	3674	1182	296	59	2	2	1	13	14	10	43	2	30903	72	74	65	PAVEMENT MARKING TOTAL		



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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF QUANTITIES	
Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. SN4	SHT. 607

02761 .001 LF	02761 .002 LF	02761 .003 LF	02761 .004 LF	02761 .005 LF	02761 .006 LF	02761 .007 LF	02761 .008 EA	02761 .009 EA	02761 .010 EA	02761 .011 EA	02761 .012 EA	02761 .013 EA	02761 .014 EA	02761 .015 EA	02761 .016 EA	02761 .018 EA	02761 .019 EA	02761 .020 EA	02761 .021 SF	02761 .022 EA	02761 .023 LF	02761 .024 LF	02761 .026 EA	02761 .027 LF	02761 .028 LF	02762 .001 SF	REMARKS	SIDE	STATION		
																													SIXTH AVE - DOWNTOWN		
7	426	132	509	25	211		2	2	2																		6188	CENTRE AVE TO FORBES AVE	LT/RT	625+48 - 633+24	
116					104									1															FORBES AVE	LT/RT	116+55 - 120+42
386	149	1074			41									8	7														DIAMOND ST	LT/RT	41+00 - 48+70
																													DOWNTOWN MISCELLANEOUS		
509	575	1206	509	25	356	0	2	2	2	0	0	0	0	9	7	0	1	8	0	0	0	0	0	0	0	0	6188	DOWNTOWN PAVEMENT MARKING TAB 1			



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
TABULATION SHEET

Port Authority
connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. SN5 SHT. 608

24" GREEN MMA PAVEMENT MARKINGS	GREEN MMA PAVEMENT MARKING	4' X 12' BIKE BOX	5' X 10' BIKE BOX	5' X 12' BIKE BOX	9' X 8' BIKE BOX	10' X 16' BIKE BOX	10' X 17' BIKE BOX	10' X 12-6" BIKE BOX	40' X 5' BIKE BOX	8' X 10' BIKE BOX	4" WHITE EPOXY PAVEMENT MARKINGS	4" YELLOW EPOXY PAVEMENT MARKINGS	8" WHITE EPOXY PAVEMENT MARKINGS	24" WHITE EPOXY PAVEMENT MARKINGS	WHITE EPOXY LEGEND "BUS", 8'-0"	WHITE EPOXY LEGEND, "ONLY", 8'-0"	WHITE EPOXY LEGEND "STRAIGHT ARROW", 8'-0"	WHITE EPOXY LEGEND "BICYCLE WITH RIDER", 6'-0" X 3'-4"	WHITE EPOXY LEGEND "STRAIGHT ARROW", 6'-0" X 1'-4"	WHITE EPOXY LEGEND "PED SYMBOL", 6'-0" X 3'-4"	WHITE EPOXY LEGEND, "CHEVRON"	WHITE EPOXY LEGEND, "BICYCLE DETECTOR SYMBOL"	PAVEMENT MARKING REMOVAL	PAVEMENT MARKING LEGEND REMOVAL	FLEXIBLE DELINEATOR POST SURFACE MOUNT TYPE SM-1, WHITE POST WITH WHITE SHEETING	FLEXIBLE DELINEATOR POST SURFACE MOUNT TYPE SM-1, YELLOW POST WITH YELLOW SHEETING	ITEM NUMBER	UNIT	REMARKS	SIDE	STATION	
02762 .002 LF	02762 .003 SF	02762 .004 EA	02762 .005 EA	02762 .006 EA	02762 .007 EA	02762 .008 EA	02762 .009 EA	02762 .010 EA	02762 .011 EA	02762 .012 EA	02763 .001 LF	02763 .002 LF	02763 .004 LF	02763 .006 LF	02763 .008 EA	02763 .009 EA	02763 .012 EA	02763 .015 EA	02763 .016 EA	02763 .017 EA	02763 .020 EA	02763 .021 SF	02764 .001 SF	02764 .002 EA	02765 .001 EA	02765 .002 EA			SIXTH AVE - DOWNTOWN			
												592	296	48	2	2	1	1												CENTRE AVE TO FORBES AVE	LT/RT	625+48 - 633+24
									1																					FORBES AVE	LT/RT	116+55 - 120+42
57																									27	4			DIAMOND ST	LT/RT	41+00 - 48+70	
																							900	1					DOWNTOWN MISCELLANEOUS			
57	0	0	0	0	0	0	0	0	1	0	0	592	296	48	2	2	1	1	0	0	0	0	900	1	27	4			DOWNTOWN PAVEMENT MARKING TAB 2			



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS
TABULATION SHEET

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. SN6 SHT. 609

02761 .001 LF	02761 .002 LF	02761 .003 LF	02761 .004 LF	02761 .005 LF	02761 .006 LF	02761 .007 LF	02761 .008 EA	02761 .009 EA	02761 .010 EA	02761 .011 EA	02761 .012 EA	02761 .013 EA	02761 .014 EA	02761 .015 EA	02761 .016 EA	02761 .021 SF	02761 .022 EA	02761 .023 LF	02761 .024 LF	02761 .026 EA	02761 .027 LF	02761 .028 LF	02762 .001 SF	REMARKS	SIDE	STATION	
																								FIFTH AVE - UPTOWN			
9128	837	2197	4410	248	1389		16	16	4	16	4		1	30	30				70			188	56497	FIFTH AVE - SIXTH AVE TO BOULEVARD OF THE ALLIES RAMP	LT/RT	431+61 - 510+55	
	70	117			176				1	1	1													WASHINGTON PL / CHATHAM SQ	LT/RT	23+25 - 25+82	
214	169	20			62								1	1	1									MAGEE ST	LT/RT	35+15 - 36+75	
					59																			LOGAN ST	LT/RT	20+00 - 21+00	
	185	24			184																			STEVENSON ST	LT/RT	17+15 - 20+67	
	198	20			138																			PRIDE ST	LT/RT	29+00 - 30+79	
	41	12			154																			MARION ST / VINE ST	LT/RT	22+64 - 30+60	
	57	20			65																			VAN BRAAM ST	LT/RT	22+53 - 23+24	
	98	20			69																			MILTENBERGER ST	LT/RT	15+12 - 15+92	
	100				75																			DINWIDDIE ST	LT/RT	20+00 - 20+92	
	139	20			68																			GIST ST	LT/RT	22+19 - 23+24	
	143	20			101																			JUMONVILLE ST / WYANDOTTE ST	LT/RT	22+61 - 31+00	
	100	20			71																			SENECA ST	LT/RT	17+39 - 18+23	
	263	12			94									1		1								MOULTRIE ST	LT/RT	54+61 - 30+72	
1399	594	155		31	115	323			3					2	2									BIRMINGHAM BRIDGE / KIRKPATRICK ST	LT/RT	14+68 - 31+53	
	80	54																						BOULEVARD OF ALLIES RAMP	LT/RT	11+07 - 11+99	
																								UPTOWN MISCELLANEOUS			
10741	3074	2712	4410	279	2819	323	16	16	8	17	5	0	2	34	33				70	0	0	0	188	56497	UPTOWN - FIFTH AVE PAVEMENT MARKING TAB 1		



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. SN7 SHT. 610

02761.001 LF	02761.002 LF	02761.003 LF	02761.004 LF	02761.005 LF	02761.006 LF	02761.007 LF	02761.008 EA	02761.009 EA	02761.010 EA	02761.011 EA	02761.012 EA	02761.013 EA	02761.014 EA	02761.015 EA	02761.016 EA	02761.018 EA	02761.019 EA	02761.020 EA	02761.021 SF	02761.022 EA	02761.023 LF	02761.024 LF	02761.026 EA	02761.027 LF	02761.028 LF	02762.001 SF	REMARKS	SIDE	STATION	
																												FIFTH AVE - OAKLAND		
1122	2244	6101	2383	808	2598		13	13	16	17				34	36				4							354	27103	BOULEVARD OF THE ALLIES RAMP TO BELLEFIELD AVE	LT/RT	510+55 - 565+89
	126																					17						ROBINSON ST	LT/RT	611+00 - 614+75
	112				11								1															CRAFT AVE	LT/RT	19+24 - 20+61
	151	24	7		132																							HALKET ST / CHESTERFIELD ST	LT/RT	22+23 - 20+37
	200	106			204				1																			DARRAGH ST / MCKEE PL	LT/RT	16+11 - 30+95
	210	20			132					2																		LOTHROP ST / MEYRAN AVE	LT/RT	16+46 - 30+97
	60	20			149					1																		ATWOOD ST	LT/RT	16+00 - 16+48
	18	36			105																							DESOTO ST / OAKLAND AVE	LT/RT	16+00 - 30+56
	14	28			112																							BOUQUET ST	LT/RT	17+06 - 17+99
					90					2																		THACKERY AVE	LT/RT	30+00 - 31+26
	100				79					2																		UNIVERSITY PL	LT/RT	40+00 - 41+08
364	709	320			152				2	2	2			2	2													BIGELOW BLVD	LT/RT	35+22 - 38+31
					73					2																		LYTTON AVE	LT/RT	40+00 - 41+32
	90				79					2																		TENYSON AVE	LT/RT	10+00 - 11+33
	90				75					2																		RUSKIN AVE	LT/RT	50+00 - 51+31
	286	354			187				3			3		1					4									BELLEFIELD AVE	LT/RT	58+53 - 62+39
																												OAKLAND MISCELLANEOUS		
1486	4408	7009	2391	808	4175	0	13	13	22	32	2	3	1	37	38	0	0	8	0	0	0	0	17	0	0	354	27103	OAKLAND - FIFTH AVE PAVEMENT MARKING TAB 1		

 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219	<table border="1"> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> <tr> <td colspan="3">REVISIONS</td> </tr> </table>	NO.	DATE	DESCRIPTION	REVISIONS			THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.	<h1>(NOT FOR CONSTRUCTION)</h1>	DESIGNED: <u>DWP</u> DRAWN: <u>NEJ</u> CHECKED: <u>AJR</u> IN CHARGE: <u>JKM</u> DATE: <u>05/01/24</u> SCALE: AS SHOWN	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH, PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET
		NO.	DATE	DESCRIPTION							
		REVISIONS									
	CONTRACT NO. BRT-001										
	DWG. NO. SN9	SHT. 612									

02762 .002 LF	02762 .003 SF	02762 .004 EA	02762 .005 EA	02762 .006 EA	02762 .007 EA	02762 .008 EA	02762 .009 EA	02762 .010 EA	02762 .011 EA	02762 .012 EA	02763 .001 LF	02763 .002 LF	02763 .004 LF	02763 .006 LF	02763 .008 EA	02763 .009 EA	02763 .012 EA	02763 .019 EA	02763 .016 EA	02763 .017 EA	02763 .020 EA	02763 .021 SF	02764 .001 SF	02764 .002 EA	02765 .001 EA	02765 .002 EA	ITEM NUMBER	UNIT	REMARKS	SIDE	STATION						
																																938	59		1	2	
																																		FIFTH AVE - OAKLAND			
																																		BOULEVARD OF THE ALLIES RAMP TO BELLEFIELD AVE	LT/RT	510+55 - 565+89	
																																		ROBINSON ST	LT/RT	611+00 - 614+75	
																																		CRAFT AVE	LT/RT	19+24 - 20+61	
																																		HALKET ST / CHESTERFIELD ST	LT/RT	22+23 - 20+37	
																																		DARRAGH ST / MCKEE PL	LT/RT	16+11 - 30+95	
																																		LOTHROP ST / MEYRAN AVE	LT/RT	16+46 - 30+97	
																																		ATWOOD ST	LT/RT	16+00 - 16+48	
																																		DESOTO ST / OAKLAND AVE	LT/RT	16+00 - 30+56	
																																		BOUQUET ST	LT/RT	17+06 - 17+99	
																																		THACKERY AVE	LT/RT	30+00 - 31+26	
																																		UNIVERSITY PL	LT/RT	40+00 - 41+08	
																																		BIGELOW BLVD	LT/RT	35+22 - 38+31	
																																		LYTTON AVE	LT/RT	40+00 - 41+32	
																																		TENYSON AVE	LT/RT	10+00 - 11+33	
																																		RUSKIN AVE	LT/RT	50+00 - 51+31	
																																		BELLEFIELD AVE	LT/RT	58+53 - 62+39	
																								13100	8										OAKLAND MISCELLANEOUS		
938	59	0	0	1	2	0	0	1	0	2	0	0	0	6	0	0	0	4	4	4	0	1	13100	8	43	26								OAKLAND - FIFTH AVE PAVEMENT MARKING TAB 2			



NO.	DATE	DESCRIPTION
		REVISIONS

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET	
 connecting people to life	CONTRACT NO. BRT-001
DWG. NO. SN10	SHT. 613

Main data table with columns for item number, unit, remarks, side, and station. Includes multiple rows of data for various pavement markings and street segments like Forbes Ave - Uptown.



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(NOT FOR CONSTRUCTION)

Table with design details: DESIGNED RRR, DRAWN RRH, CHECKED MRK, IN CHARGE GEC, DATE 05/01/24, SCALE AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA. BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS TABULATION SHEET. CONTRACT NO. BRT-001. DWG. NO. SN11. SHT. 614

02762 .002 LF	02762 .003 SF	02762 .004 EA	02762 .005 EA	02762 .006 EA	02762 .007 EA	02762 .008 EA	02762 .009 EA	02762 .010 EA	02762 .011 EA	02762 .012 EA	02763 .001 LF	02763 .002 LF	02763 .004 LF	02763 .006 LF	02763 .008 EA	02763 .009 EA	02763 .012 EA	02763 .015 EA	02763 .016 EA	02763 .020 EA	02763 .021 SF	02764 .001 SF	02764 .002 SF	02764 .002 EA	02765 .001 EA	02765 .002 EA	ITEM NUMBE R	UNIT	REMARKS	SIDE	STATION	
																														FORBES AVE - UPTOWN		
																														START OF UPTOWN TO BOYD ST	LT/RT	121+50 - 122+71
																														BOYD ST TO CHATHAM SQ / MCNAULTY DR	LT/RT	122+71 - 129+06
																														CHATHAM SQ / MCNAULTY DR TO MAGEE ST	LT/RT	129+06 - 136+55
																														MAGEE ST TO STEVENSON ST	LT/RT	136+55 - 141+46
																														STEVENSON ST TO PRIDE ST	LT/RT	141+46 - 145+54
	45										32																			PRIDE ST TO MARION ST	LT/RT	145+54 - 148+11
	111																													MARION ST TO VAN BRAAM ST	LT/RT	148+11 - 152+40
	90										10																			VAN BRAAM ST TO MILTENBERGER ST	LT/RT	152+40 - 155+85
	94																													MILTENBERGER ST TO GIST ST	LT/RT	155+85 - 161+23
	90										24																			GIST ST TO JUMONVILLE ST	LT/RT	161+23 - 166+17
	90																													JUMONVILLE ST TO SENECA ST	LT/RT	166+17 - 171+13
	111										12																			SENECA ST TO MOULTRIE ST	LT/RT	171+13 - 175+22
	88																													MOULTRIE ST TO END	LT/RT	175+22 - 185+00
																														BOYD ST	LT/RT	1+40 - 2+77
																														CHATHAM SQ / MCNAULTY DR	LT/RT	3+00 - 22+08
																														MAGEE ST	LT/RT	33+28 - 35+00
45																														STEVENSON ST	LT/RT	11+65 - 15+95
25																														PRIDE ST	LT/RT	11+59 - 27+63
15																														MARION ST	LT/RT	11+95 - 20+21
25																														VAN BRAAM ST	LT/RT	11+85 - 20+86
25																														MILTENBERGER ST	LT/RT	11+80 - 13+56
25																														GIST ST	LT/RT	11+78 - 20+87
20																														JUMONVILLE ST	LT/RT	11+51 - 20+87
25																														SENECA ST	LT/RT	11+54 - 15+89
15																														MOULTRIE ST	LT/RT	51+80 - 53+87
220	719	0	0	0	0	1	0	0	0	0	78	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0				UPTOWN - FORBES AVE PAVEMENT MARKING TAB 2		



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DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH, PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS
 TABULATION SHEET

Port Authority
 connecting people to life

CONTRACT NO. BRT-001

DWG. NO. SN12 SHT. 615

02761 .001 LF	02761 .002 LF	02761 .003 LF	02761 .004 LF	02761 .005 LF	02761 .006 LF	02761 .007 LF	02761 .008 EA	02761 .009 EA	02761 .010 EA	02761 .011 EA	02761 .012 EA	02761 .013 EA	02761 .014 EA	02761 .015 EA	02761 .016 EA	02761 .018 EA	02761 .019 EA	02761 .020 EA	02761 .021 SF	02761 .022 EA	02761 .023 LF	02761 .024 LF	02761 .026 EA	02761 .027 LF	02761 .028 LF	02762 .001 SF	ITEM NUMBE R	UNIT	REMARKS	SIDE	STATION		
FORBES AVE																																	
		410	107		166					2																				SOW TO CRAFT AVE	LT/RT	200+00 - 210+10	
		618	560		180		1	1	3	2																		6424	CRAFT AVE TO HALKET ST	LT/RT	210+10 - 216+35		
		299	370	22	132		2	2		4																		4376	HALKET ST TO MCKEE PLACE	LT/RT	216+35 - 223+38		
		402	453		264		2	2		2																		4947	MCKEE PLACE TO ATWOOD ST	LT/RT	223+38 - 230+39		
		330	265		264		2	2		2																		2915	ATWOOD ST TO BOUQUET ST	LT/RT	230+39- 234+91		
		723	687	215	361		2	2	3	2																		7613	BOUQUET ST TO SCHENLEY DR	LT/RT	234+91 - 244+10		
596	20	216	287	48	213		1	1				1		5	5			6		2	5							590	289	3147	SCHENLEY DR TO SCHENLEY DR EXTENSION	LT/RT	244+10 - 248+35
		1280			208				6					4	4			6											790		SCHENLEY DR EXTENSION TO EOW	LT/RT	248+35 - 253+25
CRAFT AVE																																	
					100																										LT/RT	16+48- 17+39	
					100																										LT/RT	14+39 - 20+34	
					50																										LT/RT	13+83 - 13+95	
					100																										LT/RT	13+36 - 13+94	
					50																										LT/RT	13+66 - 13+76	
					100																										LT/RT	13+67 - 14+20	
					100																										LT/RT	12+75 - 13+27	
					100																										LT/RT	12+74 - 13+28	
					100																										LT/RT	13+66 - 14+28	
	533	489		42										3	3													107		SCHENLEY DR	LT/RT	22+95 - 31+29	
		352			150																										LT/RT	51+00 - 58+44	
596	553	5119	2729	327	2738		10	10	12	14	0	1	0	12	12	0	0	12	0	2	5	0	0	1380	396	29422	OAKLAND - FORVES AVE PAVEMENT MARKING TAB 1						



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219



GANNETT FLEMING, INC.
 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 TABULATION SHEET



CONTRACT NO. BRT-001

DWG. NO. SN13

SHT. 616

02762 .002 LF	02762 .003 SF	02762 .004 EA	02762 .005 EA	02762 .006 EA	02762 .007 EA	02762 .008 EA	02762 .009 EA	02762 .010 EA	02762 .011 EA	02762 .012 EA	02763 .001 LF	02763 .002 LF	02763 .004 LF	02763 .006 LF	02763 .008 EA	02763 .009 EA	02763 .012 EA	02763 .015 EA	02763 .016 EA	02763 .017 EA	02763 .020 EA	02763 .021 SF	02764 .001 SF	02764 .002 EA	02765 .001 EA	02765 .002 EA	ITEM NUMBER	UNIT	REMARKS	SIDE	STATION	
																														FORBES AVE		
																							599							SOW TO CRAFT AVE	LT/RT	200+00 - 210+10
																							1055							CRAFT AVE TO HALKET ST	LT/RT	210+10 - 216+35
																							860							HALKET ST TO MCKEE PLACE	LT/RT	216+35 - 223+38
																							1061							MCKEE PLACE TO ATWOOD ST	LT/RT	223+38 - 230+39
																							781							ATWOOD ST TO BOUQUET ST	LT/RT	230+39 - 234+91
																							1242							BOUQUET ST TO SCHENLEY DR	LT/RT	234+91 - 244+10
127	238																						2604	24		15				SCHENLEY DR TO SCHENLEY DR EXTENSION	LT/RT	244+10 - 248+35
																							2483	24		20				SCHENLEY DR EXTENSION TO EOW	LT/RT	248+35 - 253+25
																							132							CRAFT AVE	LT/RT	16+48 - 17+39
																							132							HALKET ST	LT/RT	14+39 - 20+34
																							60							COLTART AVE	LT/RT	13+83 - 13+95
																							168							MCKEE PLACE	LT/RT	13+36 - 13+94
																							60							SEMPL ST	LT/RT	13+66 - 13+76
																							144							MEYRAN AVE	LT/RT	13+67 - 14+20
																							144							ATWOOD ST	LT/RT	12+75 - 13+27
																							156							OAKLAND AVE	LT/RT	12+74 - 13+28
61			1							1													881	5						SCHENLEY DR	LT/RT	22+95 - 31+29
45																							1497							BELLEFIELD AVE	LT/RT	51+00 - 58+44
233	238	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14203	53	0	35				OAKLAND - FORVES AVE PAVEMENT MARKING TAB 2		



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219



GANNETT FLEMING, INC.
Foster Plaza 8
Suite 400
730 Holiday Drive
Pittsburgh, PA. 15220

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(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
TABULATION SHEET**



CONTRACT NO. BRT-001
DWG. NO. SN14 SHT. 617

PLOTTED: 3/25/2024 2:48:51 PM

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
SIXTH AVE	626+77	RT	R3-11B(MOD)	LEFT LANE BUSES ONLY	30"X36"	7.50
SIXTH AVE	629+15	RT	R3-11B(MOD)	LEFT LANE BUSES ONLY	30"X36"	7.50
DIAMOND ST	41+10	LT	R4-11	BIKE (SYMBOL) MAY USE FULL LANE	30"X30"	6.25
DIAMOND ST	42+58	LT	SS-20	BIKE (SYMBOL) MERGE WITH TRAFFIC	24"X24"	4.00
DIAMOND ST	47+75	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
DIAMOND ST	48+44	LT	SS-42	BIKE WAYFINDER	30"X30"	6.25
FORBES AVE	117+44	RT	SS-44	BIKE WAYFINDER	30"X36"	7.50
DOWNTOWN TOTAL						40.50

POST MOUNTED SIGNS, TYPE F

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
SIXTH AVE	630+04	RT	R3-11B(MOD)	LEFT LANE BUSES ONLY	30"X36"	7.50
SIXTH AVE	631.84	RT	R3-11B(MOD)	LEFT LANE BUSES ONLY	30"X36"	7.50
SIXTH AVE	632+48	RT	R3-11B(MOD)	LEFT LANE BUSES ONLY	30"X36"	7.50
DIAMOND ST	41+73	LT	R3-7bP	EXCEPT BICYCLES	24"X18"	3.00
DIAMOND ST	41+73	LT	R1-1	STOP	24"X24"	4.00
DIAMOND ST	42+23	RT	R3-7bP	EXCEPT BICYCLES	24"X18"	3.00
DIAMOND ST	42+23	RT	R1-1	STOP	24"X24"	4.00
DIAMOND ST	43+75	LT	R10-15L (MOD)	(RIGHT) TURNING VEHICLES / YIELD TO BIKES (SYMBOL)	30"X30"	6.25
DIAMOND ST	48+48	LT	SS-41	BIKE WAYFINDER	30"X24"	5.00
FORBES AVE	119+16	LT	SS-48	BIKE (SYMBOL) WATCH FOR CYCLISTS	30"X30"	6.25
DOWNTOWN TOTAL						54.00

POST MOUNTED SIGNS, TYPE F - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
SIXTH AVE	630+84	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
DOWNTOWN TOTAL					1

DOWNTOWN SIGNING TAB 1



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
Port Authority <small>connecting people to life</small>	
CONTRACT NO. BRT-001	DWG. NO. SN15 SHT. 618

OPERATOR: "michae.l.mcgarry"
FILE PATH: c:\pwworking\aecocom.ds16.nd\michae.l.mcgarry\aecocom.com\d0207706\BRT_01_SPM_TAB07.dgn

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FORBES AVE	117+44	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1	
FORBES AVE	117+44	RT		TOW-AWAY ZONE		*
FORBES AVE	120+42	LT		NO LEFT TURN (SYMBOL)		1
FORBES AVE	120+79	LT		NO LEFT TURN (SYMBOL)		1
FORBES AVE	120+90	LT		NO PEDESTRIAN CROSSING (SYMBOL)		1
FORBES AVE	121+53	LT		NO LEFT TURN (SYMBOL)		1
DIAMOND ST	41+10	LT		EMERGENCY VEHICLE ENTRANCE	1	
DIAMOND ST	41+10	LT		50 FEET		*
DIAMOND ST	41+70	LT		YIELD		1
DIAMOND ST	42+20	LT		PARKING (SYMBOL) PAY PARKING (BOTH)	1	
DIAMOND ST	42+23	RT		YIELD		1
DIAMOND ST	43+97	RT		LEFT LANE MUST TURN LEFT	1	
DIAMOND ST	44+00	LT		RIGHT LANE MUST TURN RIGHT		1
DIAMOND ST	44+21	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
DIAMOND ST	47+27	RT		PEDESTRIAN CROSSING (SYMBOL)		1
DIAMOND ST	47+59	RT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)	1	
DIAMOND ST	47+59	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
DIAMOND ST	48+38	RT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1	
DIAMOND ST	48+38	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
DOWNTOWN - TOTAL					6	9

DOWNTOWN SIGNING TAB 2



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. SN16	SHT. 619

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FIFTH AVE	434+82	RT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	36"X36"	9.00
FIFTH AVE	434+82	LT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	36"X36"	9.00
FIFTH AVE	435+41	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	435+72	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	435+92	LT	R2-1	SPEED LIMIT 25	30"X36"	7.50
FIFTH AVE	436+07	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	437+10	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	437+45	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	439+29	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	439+39	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	439+66	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
WASHINGTON PLACE	25+25	CENTER	R4-7	KEEP RIGHT	24"X30"	5.00
WASHINGTON PLACE	25+72	LT	R10-11	NO TURN ON RED (SYMBOL)	24"X30"	5.00
WASHINGTON PLACE	25+92	LT	SS-39	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
WASHINGTON PLACE	28+04	LT	W4-2R	PAVEMENT WIDTH TRANSITION - RIGHT LANE ENDS	36"X36"	9.00
FIFTH AVE	441+22	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	441+54	LT	SS-58	NO PARKING (SYMBOL) OR STOPPING (RIGHT)	12"X24"	2.00
FIFTH AVE	442+93	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	444+14	LT	SS-59	NO PARKING (SYMBOL) OR STOPPING (BOTH)	12"X24"	2.00
FIFTH AVE	444+52	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	445+08	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	445+76	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	446+25	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	446+69	LT	SS-39	NO PARKING (SYMBOL) OR STOPPING (LEFT)	12"X24"	2.00
FIFTH AVE	447+23	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	447+51	RT	SS-42	BIKE WAYFINDER	30"X30"	6.25
MAGEE ST	35+80	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	448+20	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	448+75	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	449+32	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	449+42	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
LOGAN ST	20+62	RT	SS-6	NO PARKING 30 MINUTE LOADING ZONE (LEFT)	12"X24"	2.00
LOGAN ST	20+92	RT	SS-7	NO PARKING 30 MINUTE LOADING ZONE (RIGHT)	12"X24"	2.00
FIFTH AVE	449+77	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	449+85	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	450+00	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	451+32	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	451+41	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	452+06	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	452+36	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
STEVENSON ST	20+41	LT	SS-9	RESERVED HANDICAP PARKING (RIGHT) ENTER LICENSE PLATE	12"X24"	2.00
STEVENSON ST	20+68	LT	SS-8	RESERVED HANDICAP PARKING (LEFT) ENTER LICENSE PLATE	12"X24"	2.00
FIFTH AVE	453+58	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	454+14	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	454+24	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	454+69	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	454+69	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	455+06	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	455+08	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	455+19	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	455+98	LT	R14-1	TRUCK ROUTE	24"X18"	3.00
FIFTH AVE	455+56	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	456+32	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
PRIDE ST	30+48	RT	SS-8	RESERVED HANDICAP PARKING (LEFT) ENTER LICENSE PLATE	12"X24"	2.00
PRIDE ST	30+75	RT	SS-9	RESERVED HANDICAP PARKING (RIGHT) ENTER LICENSE PLATE	12"X24"	2.00
FIFTH AVE	457+26	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	457+50	RT	SS-4	NO PARKING 15 MINUTE LOADING ZONE (LEFT)	24"X24"	4.00
FIFTH AVE	457+76	RT	SS-5	NO PARKING 15 MINUTE LOADING ZONE (RIGHT)	24"X24"	4.00

POST MOUNTED SIGNS, TYPE B

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FIFTH AVE	458+08	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	458+48	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
MARION ST	22+66	LT	SS-53	PERMIT PARKING ZONE P	12"X18"	1.50
FIFTH AVE	459+65	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	460+33	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	460+47	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	461+50	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	462+22	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	463+04	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	463+36	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
VAN BRAAM ST	22+59	RT	R-1	STOP	30"X30"	5.20
VAN BRAAM ST	22+61	LT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
VAN BRAAM ST	23+15	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	464+02	LT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	464+19	RT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	465+37	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	466+44	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	466+76	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
MILTENBERGER ST	15+62	RT	R1-1	STOP	30"X30"	5.20
FIFTH AVE	467+21	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	467+35	RT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	467+49	LT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	467+69	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	468+29	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
FIFTH AVE	469+37	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	470+35	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	470+61	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
FIFTH AVE	470+73	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	470+92	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	470+97	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	471+81	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	472+20	RT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	472+20	LT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	472+43	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
GIST ST	22+44	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
GIST ST	22+64	RT	SS-39	NO PARKING (SYMBOL) OR STOPPING (LEFT)	12"X24"	2.00
GIST ST	22+89	RT	R3-1	NO RIGHT TURN	24"X24"	4.00
FIFTH AVE	473+75	RT	R7-8M	RESERVED HANDICAP PARKING (RIGHT)	24"X12"	2.00
FIFTH AVE	474+99	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
FIFTH AVE	474+99	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	475+81	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	476+52	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	477+00	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	478+30	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	479+23	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	480+30	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	480+53	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	481+81	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
FIFTH AVE	481+85	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	481+88	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	482+24	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
SENECA ST	17+73	LT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	482+61	LT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00

UPTOWN - FIFTH AVE TOTAL A 360.15

UPTOWN - FIFTH AVE SIGNING TAB 1

<p>Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219</p>				<p>THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.</p>	<p>(NOT FOR CONSTRUCTION)</p>	DESIGNED <u>DWP</u>	<p>PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH, PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS</p>
						DRAWN <u>NED</u>	
CHECKED <u>AJR</u>							
IN CHARGE <u>JKM</u>							
DATE <u>05/01/24</u>							
SCALE AS SHOWN						CONTRACT NO. BRT-001	
						DWG. NO. <u>SN17</u>	SHT. <u>620</u>

PLOTTED: 3/25/2024 2:49:01 PM

SUMMARY OF ROADWAY SIGNS



POST MOUNTED SIGNS, TYPE B

POST MOUNTED SIGNS, TYPE B - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FIFTH AVE	482+80	RT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	482+83	LT	W11-2	PEDESTRIAN CROSSING (SYMBOL)	30"X30"	6.25
FIFTH AVE	483+01	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	484+64	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	485+84	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
MOULTRIE ST	55+67	RT	SS-21	NEIGHBORHOOD DESTINATION UPTOWN	24"X18"	3.00
MOULTRIE ST	55+70	RT	SS-21	NEIGHBORHOOD DESTINATION UPTOWN	24"X18"	3.00
FIFTH AVE	486+65	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	486+82	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	488+01	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	488+23	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	489+03	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	491+08	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	491+12	RT	SS-21	NEIGHBORHOOD DESTINATION UPTOWN	24"X18"	3.00
BIRMINGHAM BRIDGE	16+76	RT	SS-21	NEIGHBORHOOD DESTINATION UPTOWN	24"X18"	3.00
KIRKPATRICK ST	30+39	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
KIRKPATRICK ST	30+52	RT	SS-57	PERMIT PARKING ZONE X (7AM - 7PM)	12"X18"	1.50
KIRKPATRICK ST	30+65	LT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
KIRKPATRICK ST	31+02	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
KIRKPATRICK ST	31+25	LT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
KIRKPATRICK ST	31+52	RT	R2-1	SPEED LIMIT 25	24"X30"	5.00
FIFTH AVE	492+33	RT	SS-21	NEIGHBORHOOD DESTINATION UPTOWN	24"X18"	3.00
FIFTH AVE	492+98	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	494+31	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	495+45	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	495+76	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	496+12	RT	R7-8L	RESERVED HANDICAP PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	496+32	RT	SS-18	NO PARKING 15-MINUTE DAYCARE PARKING ZONE (LEFT)	12"X24"	2.00
FIFTH AVE	496+63	RT	W15-2	WATCH CHILDREN	36"X36"	9.00
FIFTH AVE	497+03	RT	SS-18	NO PARKING 15-MINUTE DAYCARE PARKING ZONE (RIGHT)	12"X24"	2.00
FIFTH AVE	497+89	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	497+96	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
FIFTH AVE	498+31	RT	R15-8 (MOD)	(LEFT) BIKE (SYMBOL) (RIGHT) / LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FIFTH AVE	498+31	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	502+06	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
FIFTH AVE	503+42	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	506+20	RT	W4-2L	LEFT LANE ENDS	36"X36"	9.00
FIFTH AVE	507+76	RT	W9-2R	LANE ENDS MERGE RIGHT	36"X36"	9.00
FIFTH AVE	508+17	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	509+29	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	510+41	LT	R2-1	SPEED LIMIT 25	30"X36"	7.50
UPTOWN - FIFTH AVE TOTAL B						171.00

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
FIFTH AVE	433+52	RT		TWO WAY TRAFFIC AHEAD	1
FIFTH AVE	434+42	RT		NO PARKING (SYMBOL) (LEFT)	1
WASHINGTON PLACE	25+64	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
FIFTH AVE	446+32	RT		HORIZONTAL RIGHT ONE-WAY	1
FIFTH AVE	458+86	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1
FIFTH AVE	461+90	RT		NO PARKING (SYMBOL) (LEFT)	1
FIFTH AVE	462+07	LT		NO PARKING (SYMBOL) (BOTH)	1
FIFTH AVE	462+34	RT		NO PARKING (SYMBOL) (RIGHT)	1
FIFTH AVE	463+12	RT		NO PARKING (SYMBOL) (LEFT)	1
FIFTH AVE	464+43	LT		NO PARKING (SYMBOL) (BOTH)	1
FIFTH AVE	464+90	RT		PARKING (SYMBOL) PAY PARKING (BOTH)	1
FIFTH AVE	466+52	RT		NO PARKING (SYMBOL) (LEFT)	1
FIFTH AVE	468+63	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
FIFTH AVE	471+23	RT		NO PARKING 30 MINUTE LOADING ZONE (LEFT)	1
FIFTH AVE	471+61	RT		NO PARKING 30 MINUTE LOADING ZONE (RIGHT)	1
FIFTH AVE	471+89	RT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1
FIFTH AVE	473+24	RT		RESERVED PAY PARKING HANDICAP (SYMBOL) (LEFT)	1
JUMONVILLE ST	22+61	RT		STREET CLEANING TRUCK (SYMBOL)	1
FIFTH AVE	478+98	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
MOULTRIE ST	30+40	LT		NO OUTLET	1
FIFTH AVE	493+88	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
FIFTH AVE	495+29	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
FIFTH AVE	503+21	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
UPTOWN - FIFTH AVE TOTAL					24

UPTOWN - FIFTH AVE SIGNING TAB 2

 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219						DESIGNED	DWP	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS
						DRAWN	NEJ	
						CHECKED	AJR	
						IN CHARGE	JKM	
DATE	05/01/24	 CONTRACT NO. BRT-001						
SCALE	AS SHOWN		DWG. NO. SN18 SHT. 621					

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

NO.	DATE	DESCRIPTION
REVISIONS		

SUMMARY OF ROADWAY SIGNS



POST MOUNTED SIGNS, TYPE F

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FIFTH AVE	434+82	RT	W16-7P	RIGHT	24"X12"	2.00
FIFTH AVE	434+82	LT	W16-7P	LEFT	24"X12"	2.00
FIFTH AVE	435+41	LT	R7-201AP	TOW-AWAY ZONE	12"X6"	0.50
FIFTH AVE	435+92	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	435+92	LT	R7-201AP	TOW-AWAY ZONE	12"X6"	0.50
FIFTH AVE	437+45	LT	R7-201AP	TOW-AWAY ZONE	12"X6"	0.50
FIFTH AVE	439+66	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
WASHINGTON PLACE	25+25	CENTER	OM1-3	OBJECT MARKER (yellow reflectorized blank)	18"X18"	2.25
WASHINGTON PLACE	25+72	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
WASHINGTON PLACE	25+72	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
WASHINGTON PLACE	25+72	LT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
WASHINGTON PLACE	25+92	RT	SS-51	PPG PAINTS AREA EVENT NOTICE	12"X18"	1.50
FIFTH AVE	440+07	RT	SS-49	BIKE WAYFINDER	30"X30"	6.25
FIFTH AVE	444+52	RT	R7-201AP	TOW-AWAY ZONE	12"X6"	0.50
FIFTH AVE	445+76	RT	R7-201AP	TOW-AWAY ZONE	12"X6"	0.50
FIFTH AVE	447+23	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
MAGEE ST	36+37	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	448+20	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	449+32	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
LOGAN ST	20+41	LT	R1-1	STOP	24"X24"	4.00
LOGAN ST	20+41	LT	D3-1	LOGAN ST	18"X6"	0.75
FIFTH AVE	449+77	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	452+36	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	454+24	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	454+69	LT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	454+69	RT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	455+98	LT	M6-3	STRAIGHT THROUGH	21"X15"	2.19
FIFTH AVE	456+32	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	456+32	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
PRIDE ST	30+56	LT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	458+08	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	458+48	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	460+33	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	461+50	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	463+04	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	463+36	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
VAN BRAAM ST	22+59	RT	R3-1	NO RIGHT TURN	24"X24"	4.00
VAN BRAAM ST	23+15	RT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	463+87	LT	W16-7P	LEFT	24"X12"	2.00
FIFTH AVE	464+02	LT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	464+02	RT	W16-7P	RIGHT	24"X12"	2.00
FIFTH AVE	464+02	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	464+39	RT	R7-302	NO PARKING (SYMBOL) RIGHT	12"X18"	1.50

POST MOUNTED SIGNS, TYPE F

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FIFTH AVE	466+44	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	466+76	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
MILTENBERGER ST	15+62	RT	R3-1	NO RIGHT TURN	24"X24"	4.00
MILTENBERGER ST	15+62	RT	R7-302	NO PARKING (SYMBOL) (LEFT)	12"X18"	1.50
FIFTH AVE	467+35	RT	W16-7P	RIGHT	24"X12"	2.00
FIFTH AVE	467+49	LT	W16-7P	LEFT	24"X12"	2.00
FIFTH AVE	467+69	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	468+29	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	469+37	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	470+35	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	470+61	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	470+97	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	471+81	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	471+89	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	472+20	RT	W16-7P	RIGHT	24"X12"	2.00
FIFTH AVE	472+20	LT	W16-7P	LEFT	24"X12"	2.00
FIFTH AVE	471+89	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
GIST ST	22+64	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	473+75	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	474+99	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	475+81	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	478+30	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	479+23	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	480+30	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	481+81	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	481+85	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	481+88	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	482+80	RT	W16-7P	RIGHT	24"X12"	2.00
FIFTH AVE	482+83	LT	W16-7P	LEFT	24"X12"	2.00
FIFTH AVE	483+01	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	485+84	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	485+84	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	485+84	RT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FIFTH AVE	486+65	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
MOULTRIE ST	55+67	RT	SS-29	NEIGHBORHOOD WAYFINDERS	24"X8"	1.33
MOULTRIE ST	55+70	RT	SS-31	NEIGHBORHOOD WAYFINDERS	24"X8"	1.33
MOULTRIE ST	55+70	RT	SS-21	NEIGHBORHOOD DESTINATION UPTOWN	24"X18"	3.00
MOULTRIE ST	55+70	RT	SS-30	NEIGHBORHOOD WAYFINDERS	24"X8"	1.33
FIFTH AVE	486+82	RT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	488+01	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	491+12	RT	SS-32	NEIGHBORHOOD WAYFINDERS	24"X8"	1.33
BIRMINGHAM BRIDGE	16+76	RT	SS-29	NEIGHBORHOOD WAYFINDERS	24"X8"	1.33
FIFTH AVE	492+33	RT	SS-33	NEIGHBORHOOD WAYFINDERS	24"X12"	2.00
FIFTH AVE	492+98	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	495+45	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
UPTOWN - FIFTH AVE TOTAL A						194.09

UPTOWN - FIFTH AVE SIGNING TAB 3

 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219	NO. DATE DESCRIPTION REVISIONS	THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.	(NOT FOR CONSTRUCTION)	DESIGNED <u>DWP</u>	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS
				DRAWN <u>NED</u>	
				CHECKED <u>AJR</u>	
IN CHARGE <u>JKM</u>	DATE <u>05/01/24</u>	SCALE <u>AS SHOWN</u>	 CONTRACT NO. BRT-001 DWG. NO. <u>SN19</u> SHT. <u>622</u>		

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE F

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FIFTH AVE	496+12	RT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	496+32	RT	R7-8R	RESERVED HANDICAP PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	496+62	RT	SS-19	NO PARKING 15-MINUTE DAYCARE PARKING ZONE (BOTH)	12"X24"	2.00
FIFTH AVE	496+76	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	497+96	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	498+31	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	502+06	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
UPTOWN - FIFTH AVE TOTAL B						11.00

POST MOUNTED SIGNS, TYPE F - RESET


ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
FIFTH AVE	433+52	RT		NO PARKING (SYMBOL) (RIGHT)	1
FIFTH AVE	433+52	RT		30 MINUTE LOADING ZONE (LEFT)	1
FIFTH AVE	434+42	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1
FIFTH AVE	434+82	RT		FIFTH AVE	1
FIFTH AVE	434+82	RT		DIAMOND ST	1
FIFTH AVE	447+23	RT		NO PARKING (SYMBOL) (BOTH)	1
FIFTH AVE	452+36	RT		NO PARKING (SYMBOL) (BOTH)	1
PRIDE STREET	30+48	RT		NO PARKING (SYMBOL) (RIGHT)	1
PRIDE STREET	30+59	LT		NO PARKING (SYMBOL) (LEFT)	1
PRIDE STREET	30+75	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1
FIFTH AVE	457+50	RT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)	1
FIFTH AVE	458+86	RT		NO PARKING (SYMBOL) (LEFT)	1
FIFTH AVE	461+50	LT		NO PARKING (SYMBOL) (BOTH)	1
FIFTH AVE	461+90	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1
FIFTH AVE	462+34	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1
FIFTH AVE	463+12	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1
VAN BRAAM ST	23+15	RT		NO PARKING (SYMBOL) (BOTH)	1
VAN BRAAM ST	23+15	RT		VAN BRAAM ST	1
VAN BRAAM ST	23+15	RT		FIFTH AVE	1
FIFTH AVE	464+02	LT		NO PARKING (SYMBOL) (BOTH)	1
FIFTH AVE	464+40	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1
FIFTH AVE	466+52	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1
FIFTH AVE	467+49	LT		FIFTH AVE	1
FIFTH AVE	467+49	LT		MILTENBERGER ST	1
FIFTH AVE	472+18	RT		FIFTH AVE	1
FIFTH AVE	472+18	RT		GIST ST	1
GIST ST	22+89	RT		STOP	1
FIFTH AVE	473+28	RT		NO PARKING (SYMBOL) HERE TO CORNER	1
FIFTH AVE	475+81	RT		SPEED LIMIT 25	1
FIFTH AVE	486+65	LT		NO PARKING (SYMBOL) (BOTH)	1
FIFTH AVE	486+65	LT		FIFTH AVE	1
FIFTH AVE	486+65	LT		MOULTRIE ST	1
MOULTRIE ST	30+40	LT		NO LEFT TURN (SYMBOL)	1
MOULTRIE ST	30+40	LT		STOP	1
FIFTH AVE	494+79	LT		SOUTH SIDE BIRMINGHAM BRIDGE (LEFT)	1
FIFTH AVE	509+81	RT		TO	1
FIFTH AVE	509+81	RT		WEST	1
FIFTH AVE	509+81	RT		I 376	1
FIFTH AVE	509+81	RT		LEFT	1
UPTOWN - FIFTH AVE TOTAL					39

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FIFTH AVE	434+59	RT		PEDESTRIAN CROSSING (SYMBOL)		1
FIFTH AVE	434+59	RT		RIGHT		1
FIFTH AVE	434+59	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	434+86	LT		PEDESTRIAN CROSSING (SYMBOL)	1	
FIFTH AVE	434+86	LT		LEFT		*
FIFTH AVE	435+40	LT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)	1	
FIFTH AVE	435+40	LT		TOW-AWAY ZONE		*
FIFTH AVE	435+89	LT		SPEED LIMIT 25		1
FIFTH AVE	435+89	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	435+89	LT		TOW-AWAY ZONE		1
FIFTH AVE	436+06	LT		BUS STOP BUS (SYMBOL)	1	
FIFTH AVE	436+29	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1	
FIFTH AVE	436+29	LT		TOW-AWAY ZONE		*
FIFTH AVE	436+35	RT		PEDESTRIAN CROSSING (SYMBOL)	1	
FIFTH AVE	436+35	RT		YIELD TO PEDS IN CROSSWALK		*
FIFTH AVE	436+53	RT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1	
FIFTH AVE	436+71	RT		NO PARKING / 30 MINUTE TRUCK LOADING ZONE (LEFT)	1	
FIFTH AVE	436+71	RT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)		*
FIFTH AVE	437+10	RT		NO PARKING / 30 MINUTE TRUCK LOADING ZONE (RIGHT)		1
FIFTH AVE	437+10	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		1
FIFTH AVE	437+31	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1	
FIFTH AVE	437+31	LT		TOW-AWAY ZONE		*
FIFTH AVE	437+86	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1	
FIFTH AVE	438+14	RT		RESERVED PAY PARKING HANDICAP (SYMBOL) (LEFT)	1	
FIFTH AVE	438+14	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
FIFTH AVE	438+57	LT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1	
FIFTH AVE	438+57	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
FIFTH AVE	438+57	LT		PPG PAINTS AREA EVENT NOTICE		*
FIFTH AVE	438+59	RT		RESERVED PAY PARKING HANDICAP (SYMBOL) (RIGHT)	1	
FIFTH AVE	438+59	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	439+60	LT		PARKING (SYMBOL) PAY PARKING (LEFT)		1
FIFTH AVE	439+60	LT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)		1
FIFTH AVE	439+60	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	439+66	RT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1	
FIFTH AVE	439+66	RT		PARKING (SYMBOL) PAY PARKING (BOTH)		*
FIFTH AVE	439+99	RT		NO TURN ON RED 7AM - 10PM	1	
WASHINGTON PLACE	25+25	CENTER		KEEP RIGHT	1	
WASHINGTON PLACE	25+25	CENTER		OBJECT MARKER (yellow reflectorized blank)		*
WASHINGTON PLACE	25+76	LT		HORIZONTAL RIGHT ONE-WAY	1	
WASHINGTON PLACE	25+76	LT		NO TURN ON RED 7AM - 10PM		*
WASHINGTON PLACE	25+76	LT		NO PARKING (SYMBOL) (BOTH)		*
FIFTH AVE	441+02	RT		NO PARKING (SYMBOL) HERE TO CORNER		1
FIFTH AVE	441+02	RT		RESERVED PAY PARKING HANDICAP (SYMBOL) (LEFT)		1
FIFTH AVE	441+03	LT		BUS STOP		1
FIFTH AVE	441+27	LT		NO PARKING (SYMBOL) OR STOPPING (LEFT)		1
FIFTH AVE	441+48	RT		RESERVED PAY PARKING HANDICAP (SYMBOL) (LEFT)		1
FIFTH AVE	441+48	RT		NO PARKING (SYMBOL) BTW / EXCEPT VALET SERVICE (LEFT)		1
FIFTH AVE	441+95	LT		NO PARKING 30 MINUTE LOADING ZONE (LEFT)		1
FIFTH AVE	441+95	LT		NO PARKING (SYMBOL) OR STOPPING (LEFT)		1
FIFTH AVE	442+13	RT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	442+13	RT		NO PARKING (SYMBOL) BTW / EXCEPT VALET SERVICE (LEFT)		1
UPTOWN - FIFTH AVE TOTAL A					16	21

* NOTE: REMOVAL OF TYPE F SIGNS ARE INCIDENTAL TO THE REMOVAL OF THE TYPE B SIGN ON THE SAME SIGN POST.

UPTOWN - FIFTH AVE SIGNING TAB 4

 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219	NO. DATE DESCRIPTION REVISIONS	THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.	<p align="center" style="font-size: 24pt; font-weight: bold;">(NOT FOR CONSTRUCTION)</p>	DESIGNED <u>DWP</u> DRAWN <u>NED</u> CHECKED <u>AJR</u> IN CHARGE <u>JKM</u> DATE <u>05/01/24</u> SCALE AS SHOWN	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS
				Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001 DWG. NO. SN20 SHT. 623

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FIFTH AVE	442+52	LT		NO PARKING 30 MINUTE LOADING ZONE (LEFT)	1	
FIFTH AVE	442+52	LT		PPG PAINTS ARENA EVENT NOTICE		*
FIFTH AVE	442+52	LT		RESERVED PAY PARKING HANDICAP (SYMBOL) (RIGHT)		*
FIFTH AVE	442+89	LT		RESERVED PAY PARKING HANDICAP (SYMBOL) (LEFT)	1	
FIFTH AVE	442+89	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
FIFTH AVE	442+89	LT		PPG PAINTS ARENA EVENT NOTICE		*
FIFTH AVE	443+23	RT		PARKING (SYMBOL) PAY PARKING (BOTH)	1	
FIFTH AVE	443+31	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	443+80	RT		NO PARKING (SYMBOL) (LEFT)	1	
FIFTH AVE	443+80	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
FIFTH AVE	443+80	RT		TOW-AWAY ZONE		*
FIFTH AVE	443+99	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	443+99	LT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	444+21	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1	
FIFTH AVE	444+32	LT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)	1	
FIFTH AVE	444+32	LT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	444+32	LT		PPG PAINTS ARENA EVENT NOTICE		*
FIFTH AVE	444+67	LT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1	
FIFTH AVE	444+67	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1	
FIFTH AVE	444+67	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	444+71	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	445+24	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1	
FIFTH AVE	445+36	LT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	445+36	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	445+76	LT		PPG PAINTS ARENA EVENT NOTICE	1	
FIFTH AVE	445+81	RT		NO PARKING (SYMBOL) (RIGHT)	1	
FIFTH AVE	445+81	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	445+81	RT		TOW-AWAY ZONE		*
FIFTH AVE	446+03	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	446+03	LT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	446+31	RT		NO PARKING (SYMBOL) (RIGHT)		1
FIFTH AVE	446+31	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		1
FIFTH AVE	447+05	LT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)	1	
FIFTH AVE	447+05	LT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	447+05	LT		PPG PAINTS ARENA EVENT NOTICE		*
MAGEE ST	35+80	RT		NO PARKING (SYMBOL) (RIGHT)	1	
FIFTH AVE	448+24	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1	
FIFTH AVE	448+24	LT		BUS STOP		*
FIFTH AVE	448+40	RT		NO PARKING (SYMBOL) (RIGHT)	1	
FIFTH AVE	448+40	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	448+73	RT		WRONG WAY		1
FIFTH AVE	448+73	RT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	448+78	LT		WRONG WAY		1
FIFTH AVE	448+78	LT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	448+78	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	448+78	LT		NO PARKING (SYMBOL) (BOTH)		1
FIFTH AVE	449+68	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1	
FIFTH AVE	449+68	LT		PPG PAINTS ARENA EVENT NOTICE		*
FIFTH AVE	450+12	RT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	450+20	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	450+20	LT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	451+16	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	451+88	LT		PARKING (SYMBOL) PAY PARKING (LEFT)	1	
FIFTH AVE	451+88	LT		PPG PAINTS ARENA EVENT NOTICE		*
FIFTH AVE	451+88	LT		NO PARKING (SYMBOL) (RIGHT)		*
FIFTH AVE	452+17	LT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	452+23	RT		NO PARKING 30 MINUTE LOADING ZONE (RIGHT)		1
FIFTH AVE	453+32	LT		BUS STOP		1

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FIFTH AVE	454+49	RT		NO PARKING 30 MINUTE LOADING ZONE (RIGHT)	1	
FIFTH AVE	454+49	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	454+77	RT		HORIZONTAL RIGHT ONE-WAY		1
FIFTH AVE	454+77	RT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	454+78	LT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	454+78	LT		PARKING (SYMBOL) PAY PARKING (LEFT)		1
FIFTH AVE	454+78	LT		NO PARKING (SYMBOL) (RIGHT)		1
FIFTH AVE	454+78	LT		PPG PAINTS ARENA EVENT NOTICE		1
FIFTH AVE	455+05	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1	
FIFTH AVE	455+44	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1	
FIFTH AVE	455+44	LT		PPG PAINTS ARENA EVENT NOTICE		*
FIFTH AVE	455+44	LT		NO PARKING (SYMBOL) (LEFT)		*
FIFTH AVE	455+58	RT		PARKING (SYMBOL) PAY PARKING (LEFT)	1	
FIFTH AVE	455+98	LT		TRUCK ROUTE STRAIGHT THROUGH		1
FIFTH AVE	456+04	LT		PARKING (SYMBOL) PAY PARKING (LEFT)	1	
FIFTH AVE	456+04	LT		PPG PAINTS ARENA EVENT NOTICE		*
FIFTH AVE	456+04	LT		NO PARKING (SYMBOL) (RIGHT)		1
FIFTH AVE	457+30	LT		BUS STOP		1
FIFTH AVE	457+30	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	457+30	LT		NO PARKING (SYMBOL) (LEFT)		1
FIFTH AVE	457+44	RT		NO PARKING 15 MINUTE LOADING ZONE (LEFT)	1	
FIFTH AVE	457+76	RT		NO PARKING 15 MINUTE LOADING ZONE (RIGHT)	1	
FIFTH AVE	457+76	RT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	459+15	RT		NO PARKING (SYMBOL) (BOTH)		1
FIFTH AVE	460+09	LT		NO PARKING (SYMBOL) (LEFT)		1
FIFTH AVE	460+09	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	460+67	LT		NO PARKING (SYMBOL) (RIGHT)	1	
FIFTH AVE	460+67	LT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	462+62	LT		NO PARKING (SYMBOL) (LEFT)	1	
FIFTH AVE	462+62	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
FIFTH AVE	462+88	RT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
VAN BRAAM ST	22+78	RT		STOP	1	
VAN BRAAM ST	23+15	RT		HORIZONTAL RIGHT ONE-WAY		1
FIFTH AVE	463+83	LT		NO PARKING 15 MINUTE LOADING ZONE (LEFT)	1	
FIFTH AVE	463+83	LT		PARKING (SYMBOL) PAY PARKING (LEFT)		*
FIFTH AVE	464+05	LT		BUS STOP		1
FIFTH AVE	464+05	LT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	464+39	RT		NO PARKING (SYMBOL) (RIGHT)		1
FIFTH AVE	465+29	LT		NO PARKING (SYMBOL) (LEFT)		1
FIFTH AVE	465+29	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	466+25	LT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
MILTENBERGER ST	15+48	RT		STOP	1	
MILTENBERGER ST	15+48	RT		NO PARKING (SYMBOL) (LEFT)		*
FIFTH AVE	467+34	LT		NO PARKING (SYMBOL) (LEFT)		1
FIFTH AVE	467+34	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	468+07	LT		NO PARKING (SYMBOL) (RIGHT)		1
FIFTH AVE	468+07	LT		PARKING (SYMBOL) PAY PARKING (LEFT)		1
FIFTH AVE	468+92	RT		NO PARKING (SYMBOL) OR STOPPING (LEFT)		1
FIFTH AVE	468+98	LT		BUS STOP		1
FIFTH AVE	470+41	LT		NO PARKING (SYMBOL) (LEFT)	1	
FIFTH AVE	470+41	LT		NO PARKING (SYMBOL) CITY OF PITTSBURGH VEHICLES ONLY (LEFT)		*
FIFTH AVE	470+64	LT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	472+60	LT		BUS STOP		1
FIFTH AVE	472+60	LT		NO PARKING 30 MINUTE LOADING ZONE (RIGHT)		1
GIST ST	22+64	RT		NO PARKING (SYMBOL) (LEFT)	1	
UPTOWN - FIFTH AVE TOTAL B					29	57

UPTOWN - FIFTH AVE SIGNING TAB 5

* NOTE: REMOVAL OF TYPE F SIGNS ARE INCIDENTAL TO THE REMOVAL OF THE TYPE B SIGN ON THE SAME SIGN POST.



NO.	DATE	DESCRIPTION

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(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. SN21	SHT. 624

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FIFTH AVE	473+66	RT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	473+67	LT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	474+82	LT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	474+83	RT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	475+86	RT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	475+86	LT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	476+98	LT		NO PARKING (SYMBOL) (RIGHT)	1	
FIFTH AVE	476+98	RT		NO PARKING (SYMBOL) (LEFT)	1	
FIFTH AVE	477+00	LT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	477+00	LT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	477+15	RT		DO NOT ENTER		1
WYANDOTTE ST	30+44	RT		STOP HERE ON RED		1
FIFTH AVE	478+11	RT		RESTRICTED LANE BUSES ONLY		1
FIFTH AVE	478+17	LT		BUS STOP	1	
FIFTH AVE	478+99	RT		SPEED LIMIT 15		1
FIFTH AVE	478+99	RT		VASCAR ENFORCED		1
FIFTH AVE	479+04	LT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	480+09	RT		TURN ON LIGHTS		1
FIFTH AVE	482+09	RT		BUS STOP		1
FIFTH AVE	482+64	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	483+23	LT		NO PARKING (SYMBOL) RIGHT	1	
FIFTH AVE	483+24	LT		BUS STOP	1	
FIFTH AVE	483+61	RT		NO PARKING (SYMBOL) (LEFT)		1
FIFTH AVE	483+74	RT		HORIZONTAL RIGHT ONE-WAY		1
FIFTH AVE	483+74	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	486+06	RT		BUS STOP		1
FIFTH AVE	486+13	LT		BUS STOP		1
FIFTH AVE	486+13	LT		STREET CLEANING TRUCK (SYMBOL)		1
FIFTH AVE	486+68	RT		LOOK LEFT FOR BUSES		1
FIFTH AVE	487+45	RT		RESTRICTED LANE BUSES ONLY		1
FIFTH AVE	488+49	RT		HORIZONTAL RIGHT ONE-WAY		1
FIFTH AVE	489+61	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	490+30	LT		BUS STOP		1
FIFTH AVE	490+94	RT		BUS STOP	1	
BIRMINGHAM BRIDGE	16+38	RT		DO NOT ENTER	1	
BIRMINGHAM BRIDGE	16+38	RT		WRONG WAY		*
BIRMINGHAM BRIDGE	16+52	RT		STOP HERE ON RED	1	
BIRMINGHAM BRIDGE	16+74	RT		NO RIGHT TURN	1	
BIRMINGHAM BRIDGE	16+74	RT		EXCEPT BUSES		*
KIRKPATRICK ST	30+86	LT		NO LEFT TURN (SYMBOL)		1
KIRKPATRICK ST	30+86	LT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	491+52	LT		NO PARKING (SYMBOL) (RIGHT)		1
FIFTH AVE	492+68	RT		STOP HERE ON RED		1
FIFTH AVE	492+68	RT		DO NOT ENTER		1
FIFTH AVE	492+68	RT		RESTRICTED LANE BUSES ONLY		1
FIFTH AVE	492+68	RT		EXCEPT BUSES		1
FIFTH AVE	492+71	LT		STOP HERE ON RED		1
FIFTH AVE	492+71	LT		NO PARKING (SYMBOL) (LEFT)		1
FIFTH AVE	493+87	RT		NO PARKING (SYMBOL) (LEFT)	1	
FIFTH AVE	493+92	RT		VASCAR ENFORCED		1
FIFTH AVE	493+92	RT		SPEED LIMIT 25		1
FIFTH AVE	495+24	LT		NO PARKING 15 MINUTE LOADING ZONE (RIGHT)		1
FIFTH AVE	495+31	RT		BUS STOP		1
FIFTH AVE	496+46	RT		WATCH CHILDREN		1
FIFTH AVE	496+47	LT		BUS STOP		1
FIFTH AVE	496+47	LT		NO PARKING 15 MINUTE LOADING ZONE (RIGHT)		1
FIFTH AVE	496+47	LT		SHARE BIKE (SYMBOL) CAR (SYMBOL) THE ROAD		1

STRUCTURE MOUNTED SIGNS

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FIFTH AVE	497+66	RT		BUS LANE KEEP RIGHT		1
FIFTH AVE	497+68	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	499+18	RT		BUS STOP		1
FIFTH AVE	501+57	RT		RESTRICTED LANE BUSES ONLY		1
FIFTH AVE	502+23	RT		RESTRICTED LANE BUSES ONLY		1
FIFTH AVE	503+93	RT		BUS STOP		1
FIFTH AVE	503+99	LT		BUS STOP		1
FIFTH AVE	506+51	RT		RESTRICTED LANE BUSES ONLY		1
FIFTH AVE	509+91	LT		SPEED LIMIT 25		1
ALLIES RAMP	11+46	LT		PEDESTRIAN CROSSING (SYMBOL)	1	
ALLIES RAMP	11+46	LT		LEFT		*
ALLIES RAMP	11+56	LT		TURNING TRAFFIC MUST YIELD TO PEDESTRIANS	1	
ALLIES RAMP	11+64	RT		PEDESTRIAN CROSSING (SYMBOL)	1	
ALLIES RAMP	11+64	RT		RIGHT		*
UPTOWN - FIFTH AVE TOTAL C					13	54

* NOTE: REMOVAL OF TYPE F SIGNS ARE INCIDENTAL TO THE REMOVAL OF THE TYPE B SIGN ON THE SAME SIGN POST.

UPTOWN - FIFTH AVE SIGNING TAB 6



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. SN22	SHT. 625

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FIFTH AVE	510+56	RT	SS-22	NEIGHBORHOOD DESTINATION OAKLAND	24"X18"	3.00
FIFTH AVE	515+24	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	518+24	RT	SS-22	NEIGHBORHOOD DESTINATION OAKLAND	24"X18"	3.00
CRAFT AVE	20+32	LT	SS-22	NEIGHBORHOOD DESTINATION OAKLAND	24"X18"	3.00
FIFTH AVE	525+20	LT	R3-12g	BUS LANE ENDS	30"X36"	7.50
FIFTH AVE	534+53	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	535+95	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	538+29	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	540+53	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	541+81	RT	R5-1	DO NOT ENTER	36"X36"	9.00
FIFTH AVE	542+37	LT	R3-2	NO LEFT TURN	24"X24"	4.00
FIFTH AVE	542+49	RT	R3-2	NO LEFT TURN	24"X24"	4.00
FIFTH AVE	543+38	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	544+01	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	545+35	RT	R2-1	SPEED LIMIT 25	30"X36"	7.50
FIFTH AVE	546+67	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	550+11	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	551+74	LT	SS-46	NO PARKING (SYMBOL) EXCEPT BUSES (RIGHT)	12"X24"	2.00
FIFTH AVE	553+01	LT	SS-45	NO PARKING (SYMBOL) EXCEPT BUSES (LEFT)	12"X24"	2.00
FIFTH AVE	553+24	RT	SS-52	BIKE WAYFINDER	30"X24"	5.00
BIGELOW BLVD	36+30	RT	R3-2	NO LEFT TURN	24"X24"	4.00
FIFTH AVE	555+24	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	556+49	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	557+23	RT	R2-1	SPEED LIMIT 25	30"X36"	7.50
FIFTH AVE	557+62	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	558+31	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	557+62	RT	SS-2	PARKING (SYMBOL) PAY PARKING (LEFT)	12"X18"	1.50
FIFTH AVE	560+62	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	561+34	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	561+56	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	562+29	LT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	562+58	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	563+64	RT	R3-17b (MOD)	BIKE (SYMBOL) BIKE LANE ENDS	24"X24"	4.00
FIFTH AVE	563+74	RT	SS-3	PARKING (SYMBOL) PAY PARKING (RIGHT)	12"X18"	1.50
FIFTH AVE	564+17	RT	SS-54	BIKE WAYFINDER	30"X24"	5.00
NORTH BELLEFIELD AVE	60+80	LT	SS-50	4 HOUR PARKING 8 AM TO 9 PM MONDAY - FRIDAY (BOTH)	30"X24"	5.00
OAKLAND - FIFTH AVE TOTAL					168.50	

POST MOUNTED SIGNS, TYPE F

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
ROBINSON ST	613+14	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	518+24	RT	SS-34	NEIGHBORHOOD WAYFINDERS	24"X12"	2.00
CRAFT AVE	20+32	LT	SS-35	NEIGHBORHOOD WAYFINDERS	24"X12"	2.00
FIFTH AVE	526+76	LT	R3-11B(MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FIFTH AVE	526+76	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	526+76	LT	SS-60	I-376 WEST LEFT LANE	30"X36"	7.50
FIFTH AVE	534+53	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	535+95	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	538+29	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	540+53	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	541+81	RT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	541+81	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	542+37	LT	R7-302	NO PARKING (SYMBOL) (RIGHT)	12"X18"	1.50
FIFTH AVE	542+49	RT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	542+49	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	3.00
FIFTH AVE	543+38	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	544+01	RT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
FIFTH AVE	544+01	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	545+35	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	546+67	LT	R6-1L	HORIZONTAL LEFT ONE-WAY	36"X12"	3.00
THACKERAY AVE	30+49	LT	S5-2	END SCHOOL ZONE	24"X30"	5.00
FIFTH AVE	547+20	RT	R3-7bP	EXCEPT BICYCLES	24"X12"	2.00
BIGELOW BLVD	36+30	RT	R3-1	NO RIGHT TURN	24"X24"	4.00
BIGELOW BLVD	36+30	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
BIGELOW BLVD	36+30	RT	R3-7bP	EXCEPT BICYCLES	24"X12"	2.00
BIGELOW BLVD	36+30	RT	R3-7bP	EXCEPT BICYCLES	24"X12"	2.00
FIFTH AVE	555+24	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	557+23	RT	R7-302	NO PARKING (SYMBOL) (BOTH)	12"X18"	1.50
FIFTH AVE	558+31	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	561+34	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FIFTH AVE	562+58	LT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
OAKLAND - FIFTH AVE TOTAL					98.50	

* NOTE: REMOVAL OF TYPE F SIGNS ARE INCIDENTAL TO THE REMOVAL OF THE TYPE B SIGN ON THE SAME SIGN POST.

OAKLAND - FIFTH AVE SIGNING TAB 1



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. SN23	SHT. 626

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
FIFTH AVE	513+23	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
ROBINSON ST	612+35	LT		YIELD	1
CHESTERFIELD RD	20+36	LT		STOP	1
FIFTH AVE	548+90	RT		STOP	1
FIFTH AVE	551+32	LT		BUS STOP	1
FIFTH AVE	556+41	LT		NO PARKING (SYMBOL) (RIGHT)	1
FIFTH AVE	557+45	LT		SPEED LIMIT 25	1
FIFTH AVE	557+66	LT		NO PARKING (SYMBOL) (LEFT)	1
FIFTH AVE	559+32	LT		PARKING (SYMBOL) PAY PARKING (LEFT)	1
RUSKIN AVE	50+55	LT		STOP	1
FIFTH AVE	563+27	LT		RUSKIN AVE	1
FIFTH AVE	564+30	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)	1
NORTH BELLEFIELD AVE	61+58	LT		NO TURN ON RED	1
OAKLAND - FIFTH AVE TOTAL					13

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FIFTH AVE	512+48	LT		BUS STOP	1	
FIFTH AVE	514+21	RT		PEDESTRIAN CROSSING (SYMBOL)	1	
FIFTH AVE	515+24	LT		NO TURNS	1	
FIFTH AVE	515+24	LT		EXCEPT BUSES		*
FIFTH AVE	514+29	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	514+29	RT		RESTRICTED LANE BUSES ONLY		1
FIFTH AVE	514+29	RT		BUS STOP		1
FIFTH AVE	514+52	LT		PEDESTRIAN CROSSING (SYMBOL)	1	
FIFTH AVE	515+26	RT		DO NOT ENTER	1	
FIFTH AVE	515+29	RT		STOP	1	
FIFTH AVE	515+29	RT		NO RIGHT TURN		*
FIFTH AVE	515+29	RT		NO TURNS		*
FIFTH AVE	515+54	LT		PEDESTRIAN CROSSING (SYMBOL)	1	
FIFTH AVE	517+29	RT		RESTRICTED LANE BUSES ONLY		1
ROBINSON ST	613+05	RT		EXCEPT BUSES		1
ROBINSON ST	613+05	RT		STOP		1
ROBINSON ST	613+14	RT		EXCEPT BUSES		1
ROBINSON ST	613+86	LT		BUS STOP		1
ROBINSON ST	613+93	LT		EXCEPT BUSES		1
ROBINSON ST	613+95	RT		EXCEPT BUSES		1
ROBINSON ST	630+26	LT		EXCEPT BUSES		1
FIFTH AVE	518+31	RT		FIFTH AVE	1	
FIFTH AVE	518+31	RT		CRAFT AVE		*
FIFTH AVE	518+31	RT		BUS STOP		*
CRAFT AVE	19+67	RT		NO RIGHT TURN	1	
CRAFT AVE	19+67	RT		STOP HERE ON RED		*
FIFTH AVE	522+38	RT		STOP		1
FIFTH AVE	525+50	RT		LEFT LANE BUSES ONLY		1
FIFTH AVE	525+50	RT		BUS STOP		1
FIFTH AVE	526+76	LT		I-376 WEST AND I-579 LEFT LANE		1
FIFTH AVE	527+61	LT		BUS STOP	1	
FIFTH AVE	528+29	RT		STOP		1
FIFTH AVE	528+29	RT		SPEED LIMIT		1
FIFTH AVE	528+29	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	534+19	RT		BUS STOP		1
FIFTH AVE	534+19	RT		SPEED LIMIT		1
FIFTH AVE	536+71	RT		BUS STOP		1
MEYRAN AVE	16+89	RT		NO RIGHT TURN	1	
MEYRAN AVE	16+89	RT		STOP HERE ON RED		*
FIFTH AVE	538+12	LT		BUS STOP BUS (SYMBOL)	1	
FIFTH AVE	541+85	RT		NO RIGHT TURN		1
FIFTH AVE	541+85	RT		DO NOT ENTER		1
FIFTH AVE	541+85	RT		HORIZONTAL RIGHT ONE-WAY		1
FIFTH AVE	542+34	LT		NO LEFT TURN		1
FIFTH AVE	542+34	LT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	542+34	LT		BUS STOP		1
OAKLAND AVE	15+89	RT		BUS STOP		1
FIFTH AVE	542+52	RT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	542+52	RT		NO LEFT TURN		1
FIFTH AVE	544+04	RT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	544+04	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	545+23	RT		SPEED LIMIT 25		1
OAKLAND - FIFTH AVE TOTAL A					12	33

POST MOUNTED SIGNS, TYPE F - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
FIFTH AVE	556+41	LT		PARKING (SYMBOL) PAY PARKING (LEFT)	1
FIFTH AVE	557+66	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)	1
FIFTH AVE	559+32	LT		NO PARKING (SYMBOL) (RIGHT)	1
RUSKIN AVE	50+55	LT		NO LEFT TURN	1
FIFTH AVE	563+27	LT		FIFTH AVE	1
FIFTH AVE	564+54	LT		TRUCK ROUTE (STRAIGHT)	1
OAKLAND - FIFTH AVE TOTAL					7

* NOTE: REMOVAL OF TYPE F SIGNS ARE INCIDENTAL TO THE REMOVAL OF THE TYPE B SIGN ON THE SAME SIGN POST.

OAKLAND - FIFTH AVE SIGNING TAB 2



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
	CONTRACT NO. BRT-001
DWG. NO. SN24	SHT. 627

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FIFTH AVE	545+23	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	546+64	RT		BUS STOP		1
FIFTH AVE	546+71	LT		HORIZONTAL LEFT ONE-WAY	1	
FIFTH AVE	547+22	RT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	547+48	LT		BUS STOP		1
FIFTH AVE	548+21	RT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	550+75	LT		NO LEFT TURN		1
FIFTH AVE	550+96	RT		BUS WAY DO NOT ENTER BUS TRAFFIC ONLY		1
FIFTH AVE	550+96	RT		SPEED LIMIT 15		1
FIFTH AVE	550+96	RT		NO PEDESTRIAN CROSSING (SYMBOL)		1
THACKERAY AVE	30+45	RT		DO NOT ENTER	1	
THACKERAY AVE	30+54	LT		DO NOT ENTER	1	
THACKERAY AVE	30+54	LT		END SCHOOL ZONE		*
FIFTH AVE	552+15	LT		PARKING (SYMBOL) PAY PARKING (BOTH)		1
FIFTH AVE	552+88	LT		PARKING (SYMBOL) PAY PARKING (LEFT)	1	
FIFTH AVE	552+88	LT		RESERVED PAY PARKING HANDICAP (SYMBOL) (RIGHT)		*
FIFTH AVE	553+11	LT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)	1	
FIFTH AVE	553+23	RT		BUS STOP		1
BIGELOW BLVD	36+29	RT		NO RIGHT TURN		1
BIGELOW BLVD	36+29	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	556+74	LT		NO PEDESTRIAN CROSSING (SYMBOL)	1	
FIFTH AVE	556+74	LT		USE CROSSWALK (RIGHT)		*
FIFTH AVE	556+85	RT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1	
FIFTH AVE	556+85	RT		USE CROSSWALK (LEFT)		*
FIFTH AVE	557+19	RT		NO LEFT TURN		1
FIFTH AVE	557+19	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	557+19	RT		SPEED LIMIT 25		1
FIFTH AVE	558+99	RT		NO PARKING (SYMBOL) OR STOPPING (RIGHT)		1
FIFTH AVE	559+79	RT		BUS STOP		1
FIFTH AVE	559+79	RT		NO PARKING (SYMBOL) OR STOPPING (BOTH)		1
FIFTH AVE	559+79	RT		BIKE ROUTE (RIGHT ARROW)		1
TENNYSON AVE	10+70	RT		NO PARKING (SYMBOL) RIGHT		*
TENNYSON AVE	10+70	RT		PAY PARKING (SYMBOL) (LEFT)	1	
FIFTH AVE	560+13	RT		NO LEFT TURN		1
FIFTH AVE	560+40	LT		BUS STOP		1
FIFTH AVE	561+03	LT		NO PARKING (SYMBOL) OR STOPPING (LEFT)	1	
FIFTH AVE	561+03	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
FIFTH AVE	561+79	RT		RESTRICTED LANE ENDS		1
FIFTH AVE	561+79	RT		SPEED LIMIT 25		1
FIFTH AVE	561+79	RT		BUS LANE		1
FIFTH AVE	561+79	RT		HORIZONTAL LEFT ONE-WAY		1
FIFTH AVE	562+28	LT		NO PARKING (SYMBOL) (LEFT)	1	
FIFTH AVE	562+28	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		*
FIFTH AVE	563+25	LT		PARKING (SYMBOL) PAY PARKING (RIGHT)		1
FIFTH AVE	564+09	RT		BUS STOP BUS (SYMBOL)		1
FIFTH AVE	564+09	RT		LOOK LEFT BUS LANE		1
FIFTH AVE	564+09	RT		BUSES ONLY DO NOT ENTER		1
FIFTH AVE	564+09	RT		BUSES ONLY DO NOT ENTER		1
FIFTH AVE	564+09	RT		BUS TURN OFF LIGHTS		1
BELLEFIELD AVE	60+26	LT		LOOK LEFT BUS LANE		1
OAKLAND - FIFTH AVE TOTAL B					10	33

* NOTE: REMOVAL OF TYPE F SIGNS ARE INCIDENTAL TO THE REMOVAL OF THE TYPE B SIGN ON THE SAME SIGN POST.

OAKLAND - FIFTH AVE SIGNING TAB 3



NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
SUMMARY OF ROADWAY SIGNS

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. SN25 SHT. 628

SUMMARY OF ROADWAY SIGNS




POST MOUNTED SIGNS, TYPE B

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FORBES AVE	122+02	LT	R3-11B (MOD)	LEFT LANE BUS ONLY	30"X36"	7.50
FORBES AVE	122+33	LT	R5-1	DO NOT ENTER	30"X30"	6.25
BOYD ST	2+54	LT	R1-1	STOP	30"X30"	6.25
FORBES AVE	124+00	LT	R3-11B (MOD)	LEFT LANE BUS ONLY	30"X36"	7.50
FORBES AVE	124+15	RT	R3-7R	RIGHT LANE MUST TURN RIGHT	30"X30"	6.25
FORBES AVE	127+79	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	130+69	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	131+65	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	132+62	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	133+58	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	134+63	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	135+31	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	135+84	LT	R7-302	NO PARKING	12"X18"	1.50
MAGEE ST	34+05	LT	R10-6AL	STOP HERE ON RED	24"X30"	5.00
FORBES AVE	137+04	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	137+16	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	137+96	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	138+81	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	140+21	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	140+25	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY	36"X12"	1.50
FORBES AVE	140+27	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	142+22	LT	SS-56	BACK-IN ANGLE PARKING ONLY	12"X18"	1.50
FORBES AVE	142+32	LT	DOMI-214	RESERVED PAY PARKING HANDICAPPED	12"X18"	1.50
FORBES AVE	142+54	LT	DOMI-214	RESERVED PAY PARKING HANDICAPPED	12"X18"	1.50
FORBES AVE	142+65	LT	DOMI-214	RESERVED PAY PARKING HANDICAPPED	12"X18"	1.50
FORBES AVE	142+88	LT	DOMI-214	RESERVED PAY PARKING HANDICAPPED	12"X18"	1.50
FORBES AVE	143+11	LT	SS-56	BACK-IN ANGLE PARKING ONLY	12"X18"	1.50
FORBES AVE	143+53	LT	SS-2	PAY PARKING TO LEFT	12"X18"	1.50
FORBES AVE	143+75	LT	SS-3	PAY PARKING TO RIGHT	12"X18"	1.50
FORBES AVE	144+36	LT	SS-56	BACK-IN ANGLE PARKING ONLY	12"X18"	1.50
FORBES AVE	144+46	LT	R3-7L	LEFT LANE MUST TURN LEFT	30"X30"	6.25
FORBES AVE	144+46	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	145+00	LT	R7-302	NO PARKING	12"X18"	1.50
PRIDE ST	27+54	LT	R7-8(MOD)	RESERVED PARKING	12"X18"	1.50
FORBES AVE	146+88	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	147+08	RT	R3-11B	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	147+10	LT	R7-302	NO PARKING TO RIGHT	12"X18"	1.50
FORBES AVE	147+29	LT	R15-8 (MOD)	LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
MARION ST	12+25	LT	R7-302	NO PARKING	12"X18"	1.50
MARION ST	12+45	RT	R7-302	NO PARKING TO RIGHT	12"X18"	1.50
FORBES AVE	149+54	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	151+28	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	153+06	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	154+01	LT	R15-8 (MOD)	LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FORBES AVE	154+08	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	154+33	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
MILTENBERGER ST	11+50	RT	R7-8L	RESERVED PARKING	12"X18"	1.50
MILTENBERGER ST	11+73	RT	R7-8R	RESERVED PARKING	12"X18"	1.50
MILTENBERGER AVE	12+25	LT	R7-302	NO PARKING TO RIGHT	12"X18"	1.50
FORBES AVE	157+14	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	160+03	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	162+03	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	162+91	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	164+89	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50

POST MOUNTED SIGNS, TYPE B

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FORBES AVE	165+34	LT	R15-8 (MOD)	LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
JUMONVILLE ST	21+48	LT	R6-1R	HORIZONTAL RIGHT ONE WAY	36"X12"	3.00
FORBES AVE	166+87	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	167+49	RT	R7-302	NO PARKING TO RIGHT	12"X18"	1.50
FORBES AVE	167+89	RT	R7-8M	RESERVED PAY PARKING HANDICAPPED	12"X18"	1.50
FORBES AVE	168+11	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	168+63	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	168+90	RT	R7-302	NO PARKING TO LEFT	12"X18"	1.50
FORBES AVE	169+54	RT	R7-302	NO PARKING TO RIGHT	12"X18"	1.50
FORBES AVE	169+89	LT	R7-302	NO PARKING	12"X18"	1.50
FORBES AVE	170+46	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	170+69	LT	R10-15AL (MOD)	LT TURNING VEHICLES YIELD TO BIKES	30"X30"	6.25
FORBES AVE	170+88	LT	W11-2	PEDESTRIAN	36"X36"	9.00
FORBES AVE	170+93	LT	R3-2	NO LEFT TURN SYMBOL	30"X30"	6.25
FORBES AVE	170+96	RT	W11-2	PEDESTRIAN	36"X36"	9.00
FORBES AVE	171+71	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	173+05	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	173+97	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	174+13	LT	R15-8 (MOD)	LOOK BOTH WAYS FOR BIKES	24"X24"	4.00
FORBES AVE	174+82	LT	SS-21	UPTOWN	24"X18"	3.00
FORBES AVE	175+00	RT	SS-21	UPTOWN	24"X18"	3.00
FORBES AVE	176+23	LT	R9-7	SHARED-USE PATH RESTRICTION	12"X18"	1.50
FORBES AVE	175+60	RT	SS-21	UPTOWN	24"X18"	3.00
FORBES AVE	176+67	RT	M1-5	PENNSYLVANIA ROUTE MARKER	30"X24"	5.00
FORBES AVE	177+71	RT	SS-21	UPTOWN	24"X18"	3.00
FORBES AVE	178+21	LT	SS-21	UPTOWN	24"X18"	3.00
UPTOWN - FORBES AVE TOTAL A						291.50

UPTOWN - FORBES AVE SIGNING TAB 1

 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219	 GANNETT FLEMING, INC. Foster Plaza 8 Suite 400 730 Holiday Drive Pittsburgh, PA. 15220					DESIGNED RRH	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
						DRAWN RRH	BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
CHECKED MRK	 CONTRACT NO. BRT-001							
IN CHARGE GEC			DATE 05/01/24	DWG. NO. SN26	SHT. 629			
SCALE	AS SHOWN							

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

NO.	DATE	DESCRIPTION
REVISIONS		

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SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE F

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FORBES AVE	122+02	LT	SS-62	EXCEPT LEFT TURNS	30"x18"	3.75
BOYD ST	2+54	LT	R3-7-1L	ALL TRAFFIC MUST TURN LEFT	30"x30"	6.25
BOYD ST	2+54	LT	R3-7-1L	ALL TRAFFIC MUST TURN RIGHT	30"x30"	6.25
FORBES AVE	126+48	LT	R14-1	TRUCK ROUTE	24"x18"	3.00
FORBES AVE	127+79	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	135+31	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
MAGEE ST	34+05	LT	SS-43	UPTOWN	30"x30"	6.25
FORBES AVE	137+04	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	140+21	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	142+22	LT	SS-55	ANGLE PARKING DIAGRAM	12"x18"	1.50
FORBES AVE	142+54	LT	R7-8A	VAN ACCESSIBLE	12"x6"	0.50
FORBES AVE	142+88	LT	R7-8A	VAN ACCESSIBLE	12"x6"	0.50
FORBES AVE	143+11	LT	SS-55	ANGLE PARKING DIAGRAM	12"x18"	1.50
FORBES AVE	143+53	LT	R8-3	NO PARKING 15 MIN LOADING ZONE	12"x18"	1.50
FORBES AVE	143+75	LT	R8-3	NO PARKING 15 MIN LOADING ZONE	12"x18"	1.50
FORBES AVE	144+36	LT	SS-55	ANGLE PARKING DIAGRAM	12"x18"	1.50
FORBES AVE	144+46	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
PRIDE ST	27+31	LT	R7-8(MOD)	RESERVED PARKING	12"x18"	1.50
PRIDE ST	27+54	LT	SS-3	PAY PARKING	12"x18"	1.50
FORBES AVE	147+08	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	148+87	LT	SS-61	ZONE P PERMIT PARKING	12"x18"	1.50
FORBES AVE	151+28	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	153+06	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	154+33	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	160+03	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	162+03	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	164+57	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
JUMONVILLE ST	21+48	LT	R3-2	NO LEFT TURN SYMBOL	30"x30"	6.25
FORBES AVE	170+46	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	170+88	LT	W16-7P	DIAGONAL DOWNWARD POINTING ARROW PLAQUE	24"x12"	2.00
FORBES AVE	170+96	RT	W16-7P	DIAGONAL DOWNWARD POINTING ARROW PLAQUE	24"x12"	2.00
SENECA ST	12+05	RT	R3-2	NO LEFT TURN SYMBOL	30"x30"	6.25
FORBES AVE	171+71	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	173+97	RT	SS-1	EXCEPT RIGHT TURNS	30"x18"	3.75
FORBES AVE	174+82	LT	SS-28	SOUTH SIDE STRAIGHT / OAKLAND LEFT	24"x8"	1.33
FORBES AVE	175+00	RT	SS-28	SOUTH SIDE STRAIGHT / OAKLAND LEFT	24"x8"	1.33
FORBES AVE	175+60	RT	SS-27	OAKLAND RT / DOWNTOWN PEDESTRIAN STR / DOWNTOWN BIKE RT	24"x12"	2.00
FORBES AVE	176+67	RT	M6-3	STRAIGHT THROUGH MARKER	21"x15"	2.19
FORBES AVE	176+67	RT	M4-5	TO MARKER	24"x12"	2.00
FORBES AVE	177+71	RT	SS-25	OAKLAND STRAIGHT / DOWNTOWN PEDESTRIAN STRAIGHT	24"x8"	1.33
FORBES AVE	178+21	LT	SS-24	SOUTH SIDE RIGHT	24"x4"	0.67
FORBES AVE	178+27	LT	R9-3	NO PEDESTRIAN CROSSING	18"x18"	2.25
UPTOWN - FORBES AVE TOTAL A						124.35

UPTOWN - FORBES AVE SIGNING TAB 2

 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219	 GANNETT FLEMING, INC. Foster Plaza 8 Suite 400 730 Holiday Drive Pittsburgh, PA. 15220		THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1964, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.	(NOT FOR CONSTRUCTION)	DESIGNED RRH DRAWN RRH CHECKED MRK IN CHARGE GEC DATE 05/01/24 SCALE AS SHOWN	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
		NO. DATE DESCRIPTION REVISIONS				Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001 DWG. NO. SN27 SHT. 630

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
FORBES AVE	139+32	RT	DOMI-119	NO PARKING OR STOPPING	1
FORBES AVE	140+34	RT	DOMI-119	NO PARKING OR STOPPING	1
STEVENS ON ST	12+16	LT	R7-302	NO PARKING	1
FORBES AVE	144+46	RT	R14-1	TRUCK ROUTE	1
PRIDE ST	12+08	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	1
FORBES AVE	146+04	RT	R7-302	NO PARKING	1
FORBES AVE	146+26	LT	R7-302	NO PARKING	1
FORBES AVE	147+50	RT		SPEED LIMIT	1
FORBES AVE	148+89	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY	1
FORBES AVE	150+06	LT		PERMIT PARKING	1
FORBES AVE	151+38	LT		PERMIT PARKING	1
FORBES AVE	152+02	LT		PERMIT PARKING	1
VAN BRAAM ST	11+85	LT		PERMIT PARKING	1
FORBES AVE	153+27	LT		PERMIT PARKING	1
FORBES AVE	154+30	LT	R2-1	SPEED LIMIT SIGN	1
FORBES AVE	155+38	LT		PERMIT PARKING	1
FORBES AVE	156+54	LT	R7-302	NO PARKING	1
FORBES AVE	156+85	LT	R7-8	RESERVED PARKING SIGN	1
FORBES AVE	157+33	LT	R7-302	NO PARKING	1
FORBES AVE	157+85	LT		STREET CLEANING	1
FORBES AVE	158+45	LT	R7-302	NO PARKING	1
FORBES AVE	158+91	LT	R5-105	EMERGENCY SNOW ROUTE	1
FORBES AVE	160+05	LT		STREET CLEANING	1
FORBES AVE	160+61	LT	R7-302	NO PARKING	1
FORBES AVE	161+03	LT		STREET CLEANING	1
FORBES AVE	161+73	RT	R7-302	NO PARKING	1
FORBES AVE	161+55	LT	R7-302	NO PARKING	1
FORBES AVE	161+97	LT	R7-302	NO PARKING	1
FORBES AVE	162+56	LT		STREET CLEANING	1
FORBES AVE	163+67	LT		STREET CLEANING	1
FORBES AVE	164+86	LT		STREET CLEANING	1
FORBES AVE	164+89	RT	R14-1	TRUCK ROUTE	1
FORBES AVE	165+72	LT		NO PARKING RIGHT ARROW	1
JUMONVILLE ST	11+98	LT		STREET CLEANING	1
FORBES AVE	167+71	LT	R2-1	SPEED LIMIT SIGN	1
FORBES AVE	169+89	LT	R5-105	EMERGENCY SNOW ROUTE	1
SENECA ST	12+11	LT	R7-302	NO PARKING	1
SENECA ST	15+38	LT	R1-1	STOP SIGN	1
SENECA ST	12+08	RT	R6-1R	HORIZONTAL RIGHT ONE-WAY	1
FORBES AVE	171+60	LT	R3-2	NO LEFT TURN SYMBOL	1
FORBES AVE	172+53	LT	R2-1	SPEED LIMIT SIGN	1
FORBES AVE	173+57	LT		STREET CLEANING	1
FORBES AVE	174+48	LT		STREET CLEANING	1
FORBES AVE	176+59	LT	R7-302	NO PARKING	1
FORBES AVE	178+27	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY	1
UPTOWN - FORBES AVE TOTAL A					45.00

UPTOWN - FORBES AVE SIGNING TAB 3



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219



GANNETT FLEMING, INC.
 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 SUMMARY OF ROADWAY SIGNS



CONTRACT NO. BRT-001

DWG. NO. SN28 SHT. 631

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE F - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
PRIDE ST	12+08	RT	R7-302	NO PARKING	1
FORBES AVE	146+26	LT	DOMI-210	PAY PARKING	1
FORBES AVE	147+10	LT	R5-105	EMERGENCY SNOW ROUTE	1
FORBES AVE	148+89	LT		STREET CLEANING	1
FORBES AVE	151+38	LT		STREET CLEANING	1
FORBES AVE	152+02	LT		STREET CLEANING	1
VAN BRAAM ST	11+85	LT		STREET CLEANING	1
FORBES AVE	153+27	LT		STREET CLEANING	1
FORBES AVE	154+30	LT		PERMIT PARKING	1
FORBES AVE	155+38	LT	R7-8	RESERVED PARKING SIGN	1
FORBES AVE	155+38	LT		STREET CLEANING	1
FORBES AVE	157+33	LT	R7-8	RESERVED PARKING SIGN	1
FORBES AVE	158+91	LT		STREET CLEANING	1
GIST ST	12+38	LT	R7-302	NO PARKING	1
FORBES AVE	161+55	LT	R7-302	NO PARKING	1
FORBES AVE	161+55	LT		STREET CLEANING	1
FORBES AVE	161+73	RT	R7-302	NO PARKING	1
FORBES AVE	165+72	LT	R7-302	NO PARKING	1
FORBES AVE	165+72	LT		STREET CLEANING	1
FORBES AVE	165+72	LT		ONE WAY RIGHT	1
JUMONVILLE ST	20+36	RT		PERMIT PARKING	1
JUMONVILLE ST	20+70	RT		STREET CLEANING	1
FORBES AVE	167+71	LT		PERMIT PARKING	1
FORBES AVE	169+88	RT	R7-302	NO PARKING	1
FORBES AVE	170+69	LT	R5-1	DO NOT ENTER	1
SENECA ST	15+38	LT		FORBES AVE SIGN	1
SENECA ST	15+38	LT		SENECA ST SIGN	1
SENECA ST	15+38	LT	R3-1	NO RIGHT TURN SYMBOL	1
SENECA ST	15+38	LT		STREET CLEANING	1
SENECA ST	12+11	LT		PERMIT PARKING	1
FORBES AVE	171+60	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY	1
FORBES AVE	172+53	LT		STREET CLEANING	1
FORBES AVE	175+63	LT	R2-1	SPEED LIMIT SIGN	1
FORBES AVE	178+27	LT	R3-2	NO LEFT TURN SYMBOL	1
UPTOWN - FORBES AVE TOTAL A					34.00

POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FORBES AVE	174+53	RT		BUS STOP	1	
FORBES AVE	175+00	RT		STREET CLEANING	1	
FORBES AVE	175+20	LT	R1-1	STOP SIGN	1	
FORBES AVE	175+20	LT	R3-2	NO LEFT TURN		1
FORBES AVE	175+20	LT	R3-1	NO RIGHT TURN		1
FORBES AVE	175+56	RT	R7-302	NO PARKING	1	
FORBES AVE	175+56	RT	R3-2	NO LEFT TURN		1
FORBES AVE	175+56	RT	R1-1	STOP SIGN		1
FORBES AVE	175+98	RT	M1-5	PENNSYLVANIA ROUTE MARKER	1	
FORBES AVE	175+98	RT	M6-3	STRAIGHT THROUGH MARKER		1
FORBES AVE	175+98	RT	M4-5	TO MARKER		1
FORBES AVE	175+98	RT		SOUTH SIDE RIGHT LANE (STRUCTURE MOUNT)	1	
FORBES AVE	176+73	RT	R3-5A	STRAIGHT THROUGH SIGN (STRUCTURE MOUNT)	1	
FORBES AVE	176+73	RT	R3-5A	STRAIGHT THROUGH SIGN (STRUCTURE MOUNT)	1	
FORBES AVE	176+73	RT	R3-6RR	DOUBLE RIGHT SIGN (STRUCTURE MOUNT)	1	
FORBES AVE	178+27	LT	R9-3	NO PEDESTRIAN CROSSING		1
FORBES AVE	181+00	RT	R3-17	BIKE LANE		1
FORBES AVE	181+20	RT	R3-9DP	END		1
UPTOWN - FORBES AVE TOTAL B					9	9

UPTOWN - FORBES AVE SIGNING TAB 4



NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS	
	CONTRACT NO. BRT-001
DWG. NO. SN29	SHT. 632

SUMMARY OF ROADWAY SIGNS



POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FORBES AVE	122+37	RT		BUS STOP		1
FORBES AVE	122+59	RT	R3-1	NO RIGHT TURN SYMBOL	1	
FORBES AVE	122+72	LT	R1-1	STOP SIGN	1	
FORBES AVE	123+34	LT	R3-2	NO LEFT TURN SYMBOL	1	
FORBES AVE	127+47	RT	DOMI-119	NO PARKING OR STOPPING	1	
FORBES AVE	129+43	LT	DOMI-119	NO PARKING OR STOPPING	1	
FORBES AVE	130+21	LT	R7-302	NO PARKING	1	
FORBES AVE	130+69	LT	R7-302	NO PARKING	1	
FORBES AVE	130+69	LT	R7-8	RESERVED PARKING SIGN		1
FORBES AVE	131+17	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	131+17	LT	R7-8	RESERVED PARKING SIGN		1
FORBES AVE	131+65	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	132+62	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	133+09	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	133+99	LT	R7-302	NO PARKING	1	
FORBES AVE	133+99	LT	DOMI-210	PAY PARKING		1
FORBES AVE	134+63	LT	R7-302	NO PARKING	1	
FORBES AVE	134+63	LT	DOMI-210	PAY PARKING		1
FORBES AVE	135+43	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	135+83	RT		BUS STOP	1	
FORBES AVE	136+07	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	136+30	LT	R7-302	NO PARKING	1	
FORBES AVE	136+89	LT	DOMI-210	PAY PARKING		1
FORBES AVE	141+46	RT		BUS STOP		1
FORBES AVE	141+46	RT	DOMI-119	NO PARKING OR STOPPING	1	
FORBES AVE	142+22	LT	R7-8	RESERVED PARKING SIGN	1	
FORBES AVE	142+22	LT	R7-201AP	TOW-AWAY ZONE		1
FORBES AVE	142+25	RT	R7-302	NO PARKING	1	
FORBES AVE	142+25	RT	DOMI-210	PAY PARKING		1
FORBES AVE	142+45	LT	R7-8	RESERVED PARKING SIGN	1	
FORBES AVE	142+45	LT	R7-201AP	TOW-AWAY ZONE		1
FORBES AVE	142+61	LT	R7-8	RESERVED PARKING SIGN	1	
FORBES AVE	142+61	LT	R7-201AP	TOW-AWAY ZONE		1
FORBES AVE	142+74	RT	DOMI-210	PAY PARKING	1	
FORBES AVE	142+75	LT	R7-8	RESERVED PARKING SIGN	1	
FORBES AVE	142+75	LT	R7-201AP	TOW-AWAY ZONE		1
FORBES AVE	143+87	RT	DOMI-210	PAY PARKING	1	
FORBES AVE	144+37	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	144+82	LT		PAY PARKING RESERVED	1	
FORBES AVE	144+82	LT	DOMI-210	PAY PARKING		1
FORBES AVE	145+15	LT	R7-302	NO PARKING	1	
FORBES AVE	145+15	LT		ADA PARKING		1
FORBES AVE	145+26	RT		BUS STOP	1	
FORBES AVE	145+35	LT	DOMI-210	PAY PARKING	1	
FORBES AVE	145+35	LT	R7-8	RESERVED PARKING SIGN		1
PRIDE ST	27+31	LT		PAY PARKING		1
FORBES AVE	145+90	LT	R5-1	DO NOT ENTER		1
FORBES AVE	147+33	RT	DOMI-210	PAY PARKING	1	
FORBES AVE	147+85	RT	R7-302	NO PARKING	1	
FORBES AVE	147+85	RT	DOMI-210	PAY PARKING		1
FORBES AVE	147+99	RT		STREET CLEANING	1	
FORBES AVE	149+02	RT	R7-302	NO PARKING	1	
FORBES AVE	150+07	RT		PERMIT PARKING	1	
FORBES AVE	150+07	RT		STREET CLEANING		1

POST MOUNTED SIGNS, TYPE B AND TYPE F REMOVE

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FORBES AVE	151+21	RT		STREET CLEANING	1	
FORBES AVE	151+76	RT	R7-6-1	NO PARKING LOADING ZONE	1	
FORBES AVE	152+13	RT		BUS STOP		1
FORBES AVE	152+38	LT	R1-1	STOP		1
FORBES AVE	153+33	RT		PERMIT PARKING	1	
FORBES AVE	153+33	RT		STREET CLEANING		1
FORBES AVE	154+30	RT		STREET CLEANING	1	
FORBES AVE	155+32	RT		PERMIT PARKING	1	
FORBES AVE	155+32	RT		STREET CLEANING		1
FORBES AVE	155+32	RT		BUS STOP		1
FORBES AVE	156+63	RT	R7-8	RESERVED PARKING SIGN	1	
FORBES AVE	156+84	RT	R7-8	RESERVED PARKING SIGN	1	
FORBES AVE	156+84	RT		STREET CLEANING		1
FORBES AVE	157+85	LT	R7-302	NO PARKING	1	
FORBES AVE	157+85	RT		STREET CLEANING		1
FORBES AVE	158+87	RT		STREET CLEANING	1	
FORBES AVE	159+47	RT	R7-302	NO PARKING	1	
FORBES AVE	160+07	RT	R7-302	NO PARKING	1	
FORBES AVE	160+07	RT		STREET CLEANING		1
FORBES AVE	160+61	RT	R7-302	NO PARKING	1	
FORBES AVE	161+10	RT	R7-302	NO PARKING	1	
FORBES AVE	161+10	RT		BUS STOP		1
FORBES AVE	161+55	RT		NO LEFT TURN	1	
FORBES AVE	161+55	RT		NO PARKING 30 MINUTE LOADING ZONE	1	
FORBES AVE	162+57	RT		STREET CLEANING	1	
FORBES AVE	163+88	RT		STREET CLEANING	1	
FORBES AVE	164+74	RT		STREET CLEANING	1	
FORBES AVE	165+63	LT		DO NOT ENTER	1	
FORBES AVE	165+81	RT	R7-302	NO PARKING	1	
FORBES AVE	165+81	RT		BUS STOP		1
FORBES AVE	166+14	LT	R6-1R	HORIZONTAL RIGHT ONE-WAY		1
FORBES AVE	166+16	LT	R6-1L	HORIZONTAL LEFT ONE-WAY		1
FORBES AVE	166+16	LT	R3-1	NO RIGHT TURN SYMBOL		1
JUMONVILLE ST	11+95	RT		HORIZONTAL RIGHT ONE-WAY		1
JUMONVILLE ST	11+95	RT	R3-2	NO LEFT TURN	1	
JUMONVILLE ST	21+45	RT		BUS STOP	1	
FORBES AVE	166+49	LT	R7-302	NO PARKING	1	
FORBES AVE	166+49	LT	R7-302	NO PARKING		1
FORBES AVE	166+59	RT		PERMIT PARKING	1	
FORBES AVE	167+71	LT		PERMIT PARKING	1	
FORBES AVE	167+71	LT		STREET CLEANING		1
FORBES AVE	167+71	LT	R7-8	RESERVED PARKING SIGN		1
FORBES AVE	168+63	LT		PERMIT PARKING	1	
FORBES AVE	168+63	LT		STREET CLEANING		1
FORBES AVE	169+85	LT		PERMIT PARKING		1
FORBES AVE	169+85	LT		STREET CLEANING		1
FORBES AVE	169+85	LT		STREET CLEANING		1
FORBES AVE	169+87	RT		PERMIT PARKING		1
FORBES AVE	170+79	RT	R7-302	NO PARKING	1	
FORBES AVE	170+79	RT		PERMIT PARKING		1
FORBES AVE	170+89	RT		BUS STOP	1	
FORBES AVE	171+54	RT		STREET CLEANING	1	
FORBES AVE	173+52	RT		STREET CLEANING	1	
UPTOWN - FORBES AVE TOTAL A					65	42

UPTOWN - FORBES AVE SIGNING TAB 5

 <p>Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219</p>	 <p>GANNETT FLEMING, INC. Foster Plaza 8 Suite 400 730 Holiday Drive Pittsburgh, PA. 15220</p>	<table border="1"> <thead> <tr><th>NO.</th><th>DATE</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td></td><td></td><td>REVISIONS</td></tr> </tbody> </table>	NO.	DATE	DESCRIPTION			REVISIONS	<p>THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.</p>	<p>(NOT FOR CONSTRUCTION)</p>	<p>DESIGNED: RRH</p>	<p>PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH, PENNSYLVANIA</p> <p>BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS</p> <p>Port Authority connecting people to life</p>	<p>CONTRACT NO. BRT-001</p>	
			NO.	DATE	DESCRIPTION									
		REVISIONS												
<p>DRAWN: RRH</p>	<p>DWG. NO. SN30</p>		<p>SHT. 633</p>											
<p>CHECKED: MRK</p>														
<p>IN CHARGE: GEC</p> <p>DATE: 05/01/24</p> <p>SCALE: AS SHOWN</p>														

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE B

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FORBES AVE	208+38	RT	R3-7R	RIGHT LANE MUST TURN RIGHT	30"X30"	6.25
FORBES AVE	209+13	RT	SS-22	OAKLAND	24"X18"	3.00
FORBES AVE	209+17	LT	SS-22	OAKLAND	24"X18"	3.00
CRAFT AVE	16+38	RT	SS-22	OAKLAND	24"X18"	3.00
CRAFT AVE	16+42	LT	SS-22	OAKLAND	24"X18"	3.00
FORBES AVE	210+10	LT	SS-22	OAKLAND	24"X18"	3.00
FORBES AVE	210+18	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	215+43	LT	R3-7L	LEFT LANE MUST TURN LEFT	30"X30"	6.25
FORBES AVE	215+45	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	217+25	LT	R7-302	NO PARKING LEFT	12"X18"	1.50
FORBES AVE	219+15	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	220+52	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	222+48	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
MCKEE PL	14+17	LT	R10-6AL	STOP HERE ON RED	24"X30"	5.00
FORBES AVE	224+17	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	226+78	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	228+38	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	234+02	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	235+78	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	239+21	LT	R7-302	NO PARKING RIGHT	12"X18"	1.50
FORBES AVE	242+70	LT	R3-7L	LEFT LANE MUST TURN LEFT	30"X30"	6.25
FORBES AVE	243+20	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	243+87	LT	R10-15L (MOD)	TURNING VEHICLES YIELD TO BIKES	30"X30"	6.25
SCHENLEY DRIVE	24+37	RT	R10-6AL	STOP HERE ON RED	24"X30"	5.00
FORBES AVE	245+14	RT	R3-11B (MOD)	RIGHT LANE BUSES ONLY	30"X36"	7.50
FORBES AVE	246+50	LT	R3-8B (MOD)	LANE USE CONTROL SIGN	66"X30"	13.75
FORBES AVE	246+76	RT	R3-8B (MOD)	LANE USE CONTROL SIGN	66"X30"	13.75
FORBES AVE	247+89	RT	R10-15R (MOD)	TURNING VEHICLES YIELD TO BIKES	30"X30"	6.25
BELLEFIELD AVE	51+55	RT	R7-2A	NO PARKING	12"X18"	1.50
OAKLAND - FORBES AVE TOTAL						178.25




POST MOUNTED SIGNS, TYPE F

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FORBES AVE	208+02	LT	R3-5R	RIGHT ONLY	30"X36"	7.50
FORBES AVE	208+02	LT	R3-101P	EXCEPT BUSES	24"X18"	3.00
FORBES AVE	208+02	LT	R3-5A	THROUGH ARROW ONLY	30"X36"	7.50
FORBES AVE	208+38	RT	R3-101P	EXCEPT BUSES	24"X18"	3.00
FORBES AVE	209+13	RT	SS-38	UPTOWN LEFT, SOUTH SIDE LEFT	24"X8"	1.33
FORBES AVE	209+17	LT	SS-38	UPTOWN LEFT, SOUTH SIDE LEFT	24"X8"	1.33
CRAFT AVE	16+38	RT	SS-36	UPTOWN STRAIGHT, SOUTH SIDE STRAIGHT	24"X8"	1.33
CRAFT AVE	16+42	LT	SS-36	UPTOWN STRAIGHT, SOUTH SIDE STRAIGHT	24"X8"	1.33
FORBES AVE	210+10	LT	SS-37	UPTOWN RIGHT, SOUTH SIDE RIGHT	24"X8"	1.33
FORBES AVE	210+18	RT	SS-22	OAKLAND	24"X8"	3.00
FORBES AVE	210+18	RT	SS-37	UPTOWN RIGHT, SOUTH SIDE RIGHT	24"X8"	1.33
FORBES AVE	215+45	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	219+15	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	220+52	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	222+48	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
MCKEE PL	13+30	RT	R10-6AL	STOP HERE ON RED	24"X30"	5.00
FORBES AVE	224+17	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	226+78	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	228+38	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	234+02	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	235+78	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	239+21	LT	DOMI 210	PAY PARKING	12"X18"	1.50
FORBES AVE	243+20	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
FORBES AVE	245+14	RT	SS-1	EXCEPT RIGHT TURNS	30"X18"	3.75
BELLEFIELD AVE	51+55	RT	R7-301	HORIZONTAL LEFT ARROW	12"X6"	0.50
OAKLAND - FORBES AVE TOTAL						80.25

POST MOUNTED SIGNS, TYPE B - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
FORBES AVE	212+65	RT		BUS STOP	1
CRAFT AVE	16+00	RT		STOP HERE ON RED	1
SCHENLEY DR	23+25	RT		ZIPCARS TOW-ZONE	1
SCHENLEY DR	22+75	RT		ZIPCARS TOW-ZONE	1
FORBES AVE	245+11	RT		ONE WAY	1
FORBES AVE	245+14	RT		BEGIN	1
FORBES AVE	247+01	RT		EMERGENCY SNOW ROUTE	1
FORBES AVE	247+69	RT		NO PARKING OR STOPPING	1
OAKLAND - FORBES AVE TOTAL					8

OAKLAND - FORBES AVE SIGNING TAB 1

 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219	 GANNETT FLEMING, INC. Foster Plaza 8 Suite 400 730 Holiday Drive Pittsburgh, PA. 15220	NO. DATE DESCRIPTION REVISIONS	THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.	<h1>(NOT FOR CONSTRUCTION)</h1>	DESIGNED RRH	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA
					DRAWN RRH	
					CHECKED MRK	BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS
					IN CHARGE GEC	
					DATE 05/01/24	
					SCALE AS SHOWN	
					CONTRACT NO. BRT-001	
					DWG. NO. SN31	SHT. 634

SUMMARY OF ROADWAY SIGNS

POST MOUNTED SIGNS, TYPE F - RESET

ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	QTY (EACH)
SCHENLEY DR	22+75	RT		NO PARKING EXCEPT ZIPCARS	1
SCHENLEY DR	23+25	RT		NO PARKING EXCEPT ZIPCARS	1
SCHENLEY DR	23+25	RT		NO PARKING	1
FORBES AVE	245+14	RT		BIKE LANE	1
OAKLAND - FORBES AVE TOTAL					4



POST MOUNTED SIGNS, TYPE B AND TYPE F - REMOVE

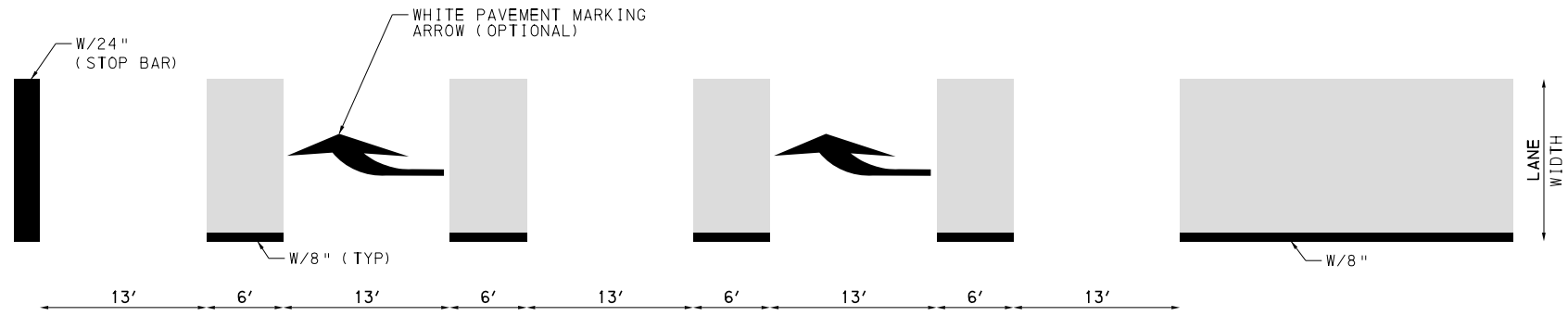
ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	TYPE B REMOVE	TYPE F REMOVE
FORBES AVE	208+02	LT		OPTIONAL RIGHT TURN		1
FORBES AVE	208+02	LT		OPTIONAL LEFT TURN		1
FORBES AVE	210+26	LT		PAY PARKING	1	
FORBES AVE	210+75	RT		BUS STOP	1	
FORBES AVE	211+00	LT		NO PARKING	1	
FORBES AVE	212+06	LT		NO PARKING	1	
FORBES AVE	213+94	LT		NO PARKING	1	
FORBES AVE	215+91	RT		BUS STOP	1	
FORBES AVE	216+02	LT		NO PARKING	1	
COLTART AVE	13+73	LT		NO PARKING	1	
FORBES AVE	242+90	LT		PAY PARKING	1	
FORBES AVE	245+48	RT		NO PARKING	1	
FORBES AVE	245+64	RT		RESERVED PAY PARKING	1	
FORBES AVE	210+26	LT		NO PARKING		1
FORBES AVE	211+00	LT		PAY PARKING		1
FORBES AVE	211+75	LT		NO PARKING		1
FORBES AVE	212+06	LT		PAY PARKING		1
FORBES AVE	212+91	LT		PAY PARKING		1
FORBES AVE	213+48	LT		NO PARKING		1
FORBES AVE	213+48	LT		PAY PARKING		1
FORBES AVE	213+94	LT		PAY PARKING		1
FORBES AVE	214+72	LT		PAY PARKING		1
FORBES AVE	216+02	LT		PAY PARKING		1
HALKET ST	14+45	RT		BUS STOP		1
FORBES AVE	223+38	RT		BUS STOP		1
FORBES AVE	227+60	RT		BUS STOP		1
FORBES AVE	230+39	RT		BUS STOP		1
FORBES AVE	232+90	RT		BUS STOP		1
OAKLAND AVE	13+72	RT		NO LEFT TURN		1
OAKLAND AVE	13+72	RT		NO PARKING		1
OAKLAND AVE	13+72	RT		BUS STOP		1
FORBES AVE	236+70	RT		BUS STOP		1
FORBES AVE	239+38	LT		PAY PARKING	1	
FORBES AVE	242+90	LT		EXCEPT SUNDAY		1
FORBES AVE	244+10	RT		BUS STOP		1
SCHENLEY DR	23+45	RT		PAY PARKING		1
SCHENLEY DR	24+43	RT		LANE USE CONTROL	1	
FORBES AVE	245+48	RT		RESERVED PAY PARKING		1
FORBES AVE	247+68	RT		PAY PARKING		1
OAKLAND - FORBES AVE TOTAL					13	26

STRUCTURE MOUNTED SIGNS

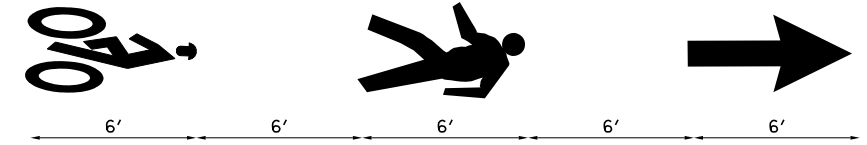
ROAD NAME	PLAN STATION	SIDE	SIGN CODE	DESCRIPTION	SIZE (W x H)	AREA (SF)
FORBES AVE	208+02	LT	R3-5R	RIGHT ONLY	30"X36"	7.50
FORBES AVE	208+02	LT	R3-101P	EXCEPT BUSES	24"X18"	3.00
FORBES AVE	208+02	LT	R3-5A	THROUGH ARROW ONLY	30"X36"	7.50
OAKLAND - FORBES AVE TOTAL						18.00

OAKLAND - FORBES AVE SIGNING TAB 2

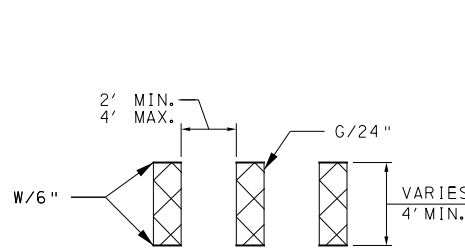
 Gulf Tower 707 Grant Street 5th Floor Pittsburgh, PA 15219	 GANNETT FLEMING, INC. Foster Plaza 8 Suite 400 730 Holiday Drive Pittsburgh, PA. 15220					<p style="font-size: 24px; margin: 0;">(NOT FOR CONSTRUCTION)</p>	DESIGNED RRH	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS SUMMARY OF ROADWAY SIGNS
							DRAWN RRH	
							CHECKED MRK	CONTRACT NO. BRT-001 DWG. NO. SN32 SHT. 635
							IN CHARGE GEC	
							DATE 05/01/24	
							SCALE AS SHOWN	



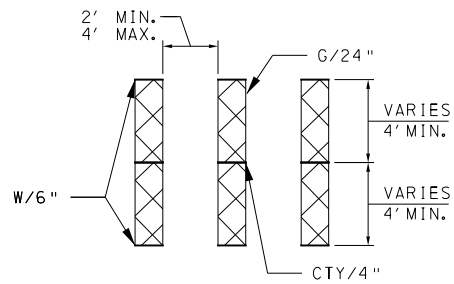
BAT/BUS LANE MARKING DETAIL



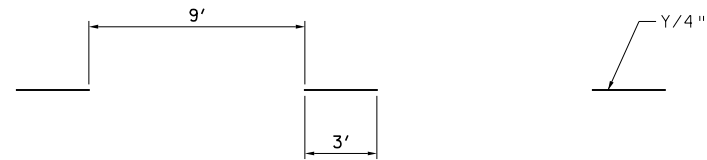
BICYCLE WITH RIDER, PEDESTRIAN, AND ARROW DETAIL



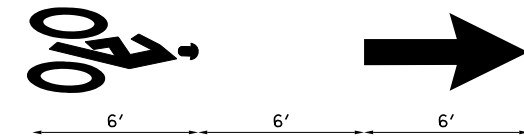
BICYCLE CROSSING ZONE DETAIL



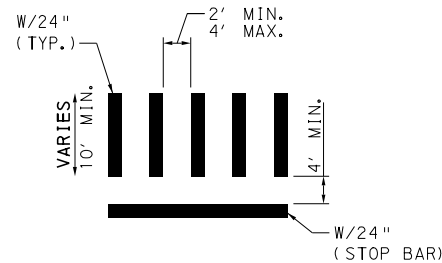
TWO DIRECTION BICYCLE CROSSING ZONE DETAIL



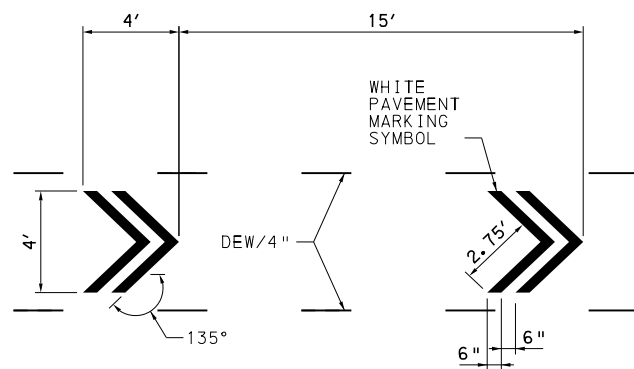
CYCLE TRACK BROKEN YELLOW PAVEMENT MARKING DETAIL



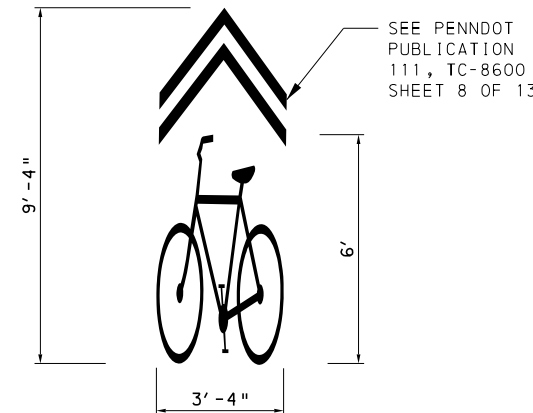
BICYCLE WITH RIDER AND ARROW DETAIL



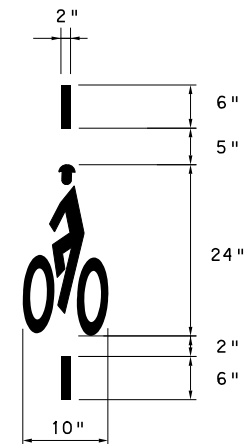
CROSSWALK DETAIL



CHEVRON MARKING DETAIL



SHARED LANE MARKING DETAIL



BICYCLE DETECTOR PAVEMENT MARKING DETAIL



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(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

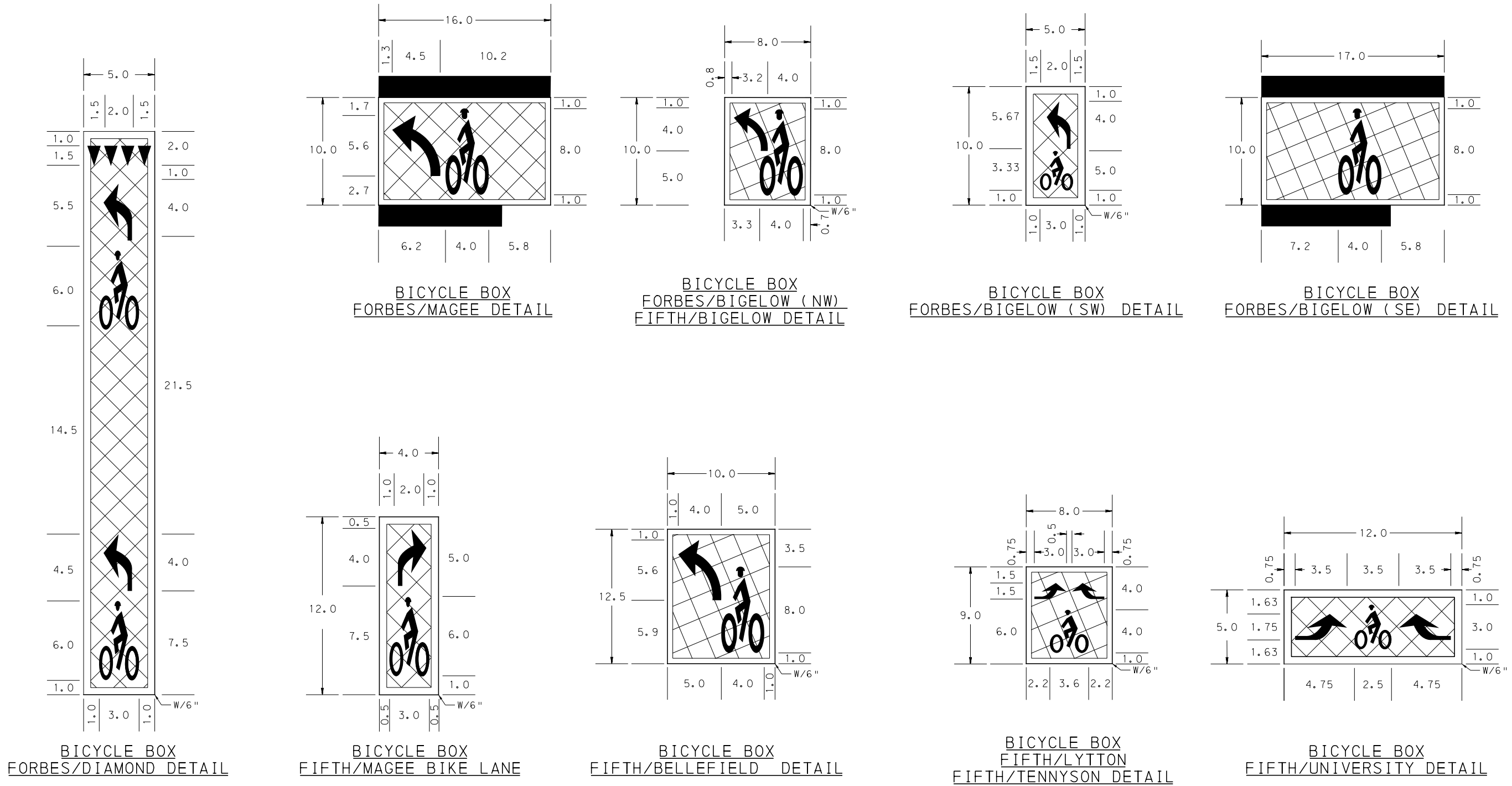
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 DETAILS

Port Authority
 connecting people to life

CONTRACT NO. BRT-001

DWG. NO. SN33 SHT. 636



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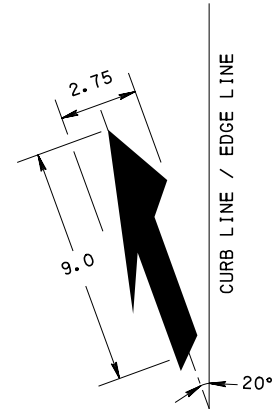
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REVISIONS		

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CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

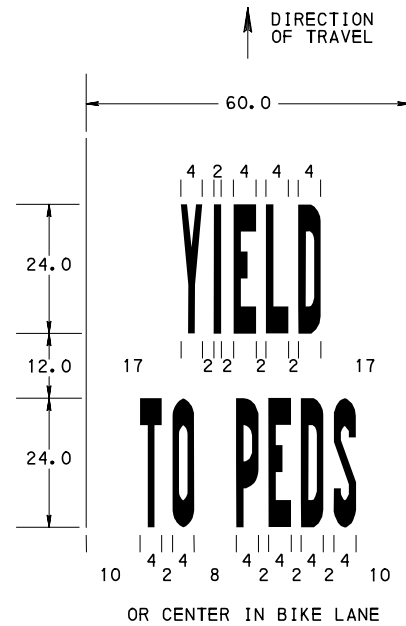
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS DETAILS	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. SN34 SHT. 637



**BIKE LANE ENDS
ARROW DETAIL**

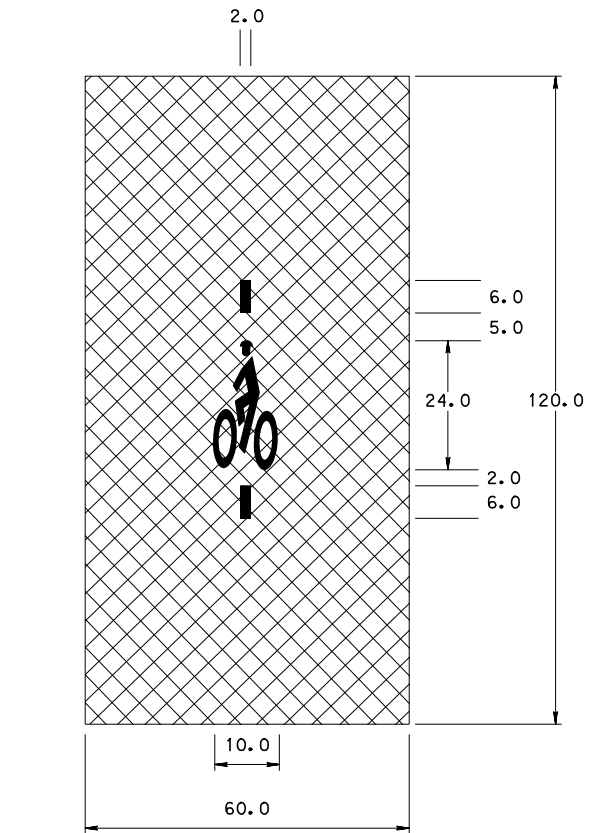
NOT TO SCALE

REFER TO TC-8600 LANE REDUCTION TRANSITION ARROW, REDUCE ARROW BY 50%



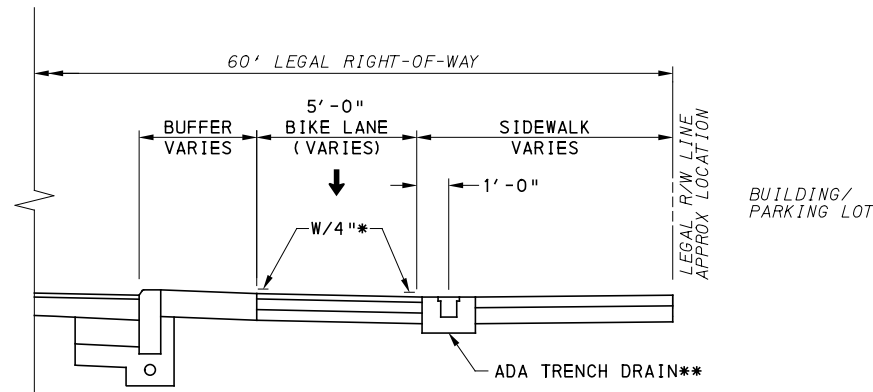
**YIELD TO PEDS
PAVEMENT MARKING DETAIL**

NOT TO SCALE



**BICYCLE DETECTOR
PAVEMENT MARKING DETAIL**

NOT TO SCALE



**UPTOWN BIKE LANE MARKING
TYPICAL SECTION**

NOT TO SCALE

* USE WHITE HOT THERMOPLASTIC ON ASPHALT SURFACES. USE EPOXY ON CONCRETE SURFACES.

** BIKE LANE TO BE ON OPPOSITE SIDE OF ADA TRENCH DRAIN IN THE FORBES AVENUE CONFIGURATION.



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CONSTRUCTION)**

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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

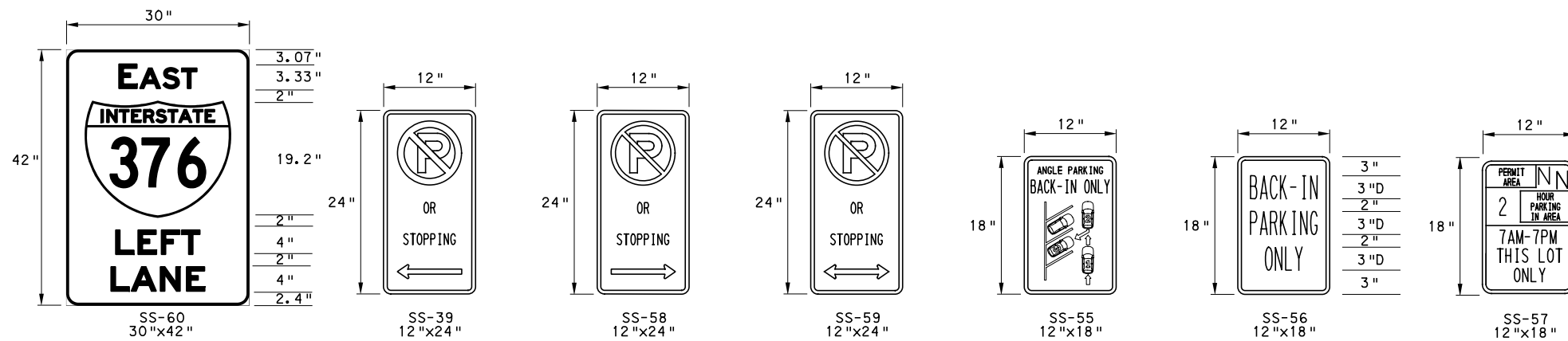
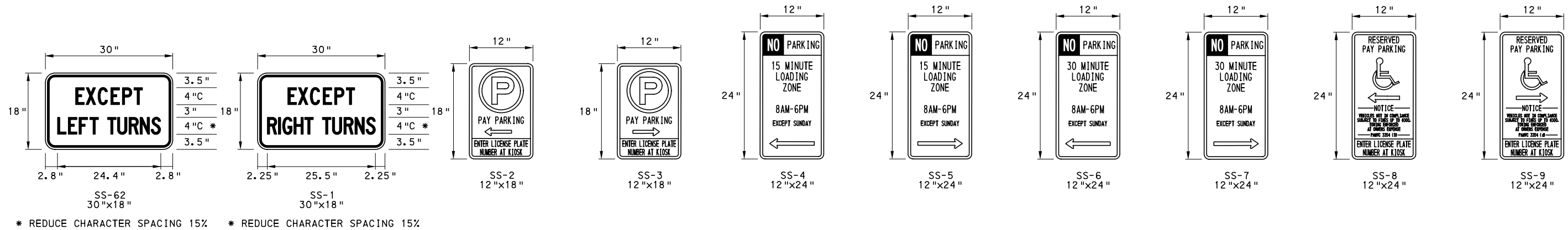
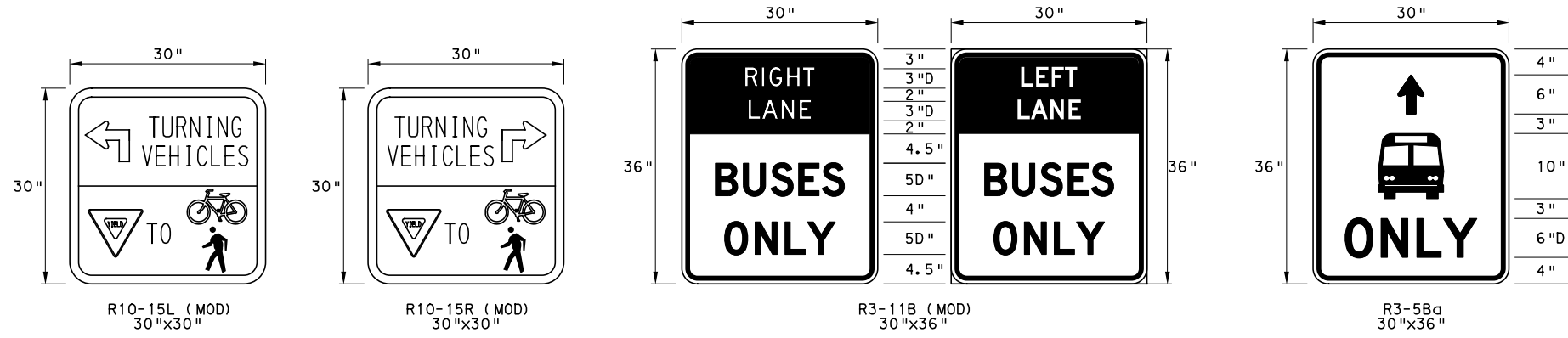
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
DETAILS**



CONTRACT NO. BRT-001

DWG. NO. SN35 SHT. 638



- NOTES:
- FOR FABRICATION OF SPECIAL SIGNS SS-2, SS-3, SS-4, SS-5, SS-6, SS-7, SS-8, SS-9, SS-39, SS-58, AND SS-59 REFER TO CITY OF PITTSBURGH PARKING SIGN STANDARDS.
 - FOR FABRICATION OF BIKE RELATED SIGNS, REFER TO CITY OF PITTSBURGH BIKE-RELATED STANDARDS.



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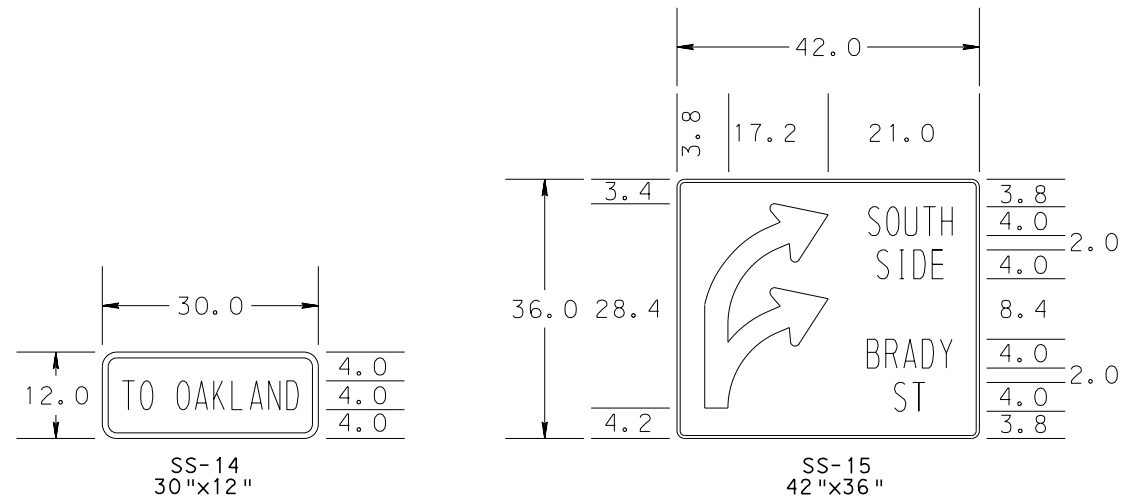
NO.	DATE	DESCRIPTION
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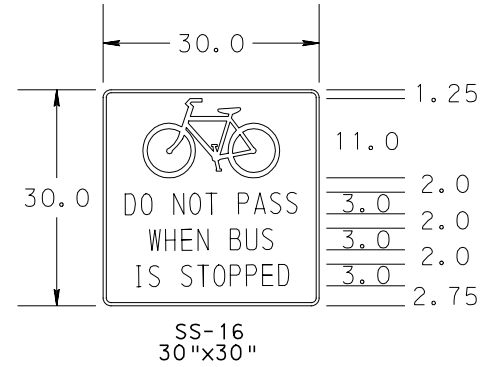
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CHECKED	AJR
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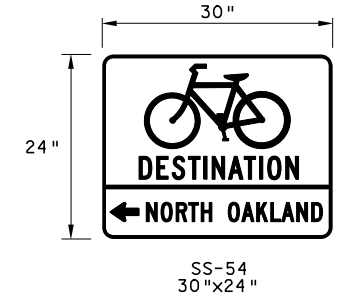
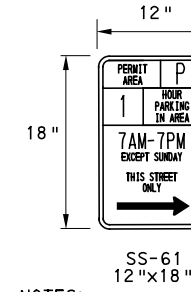
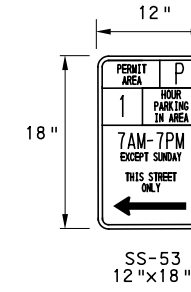
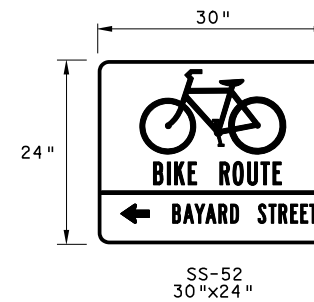
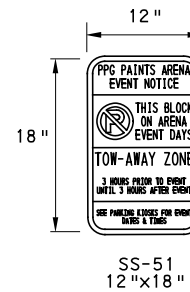
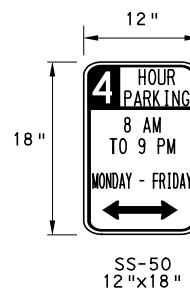
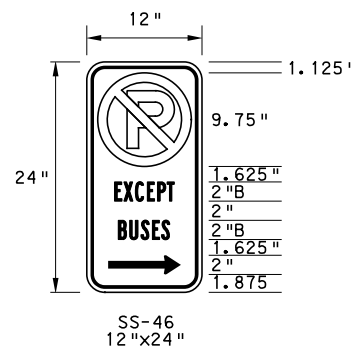
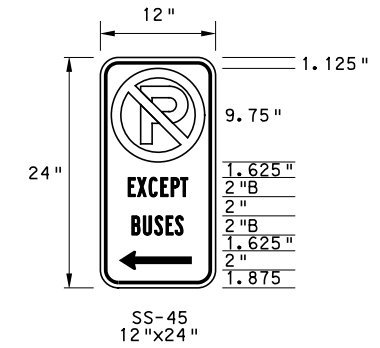
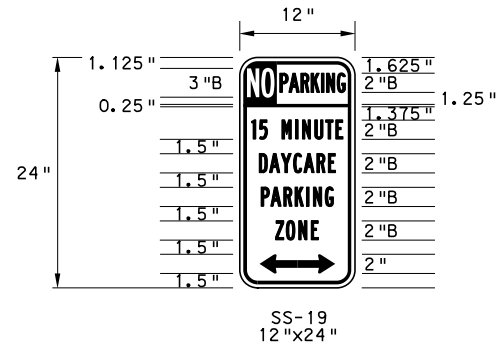
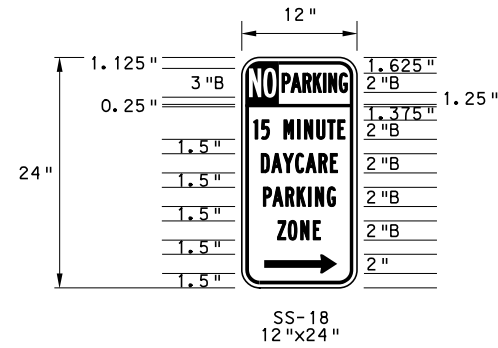
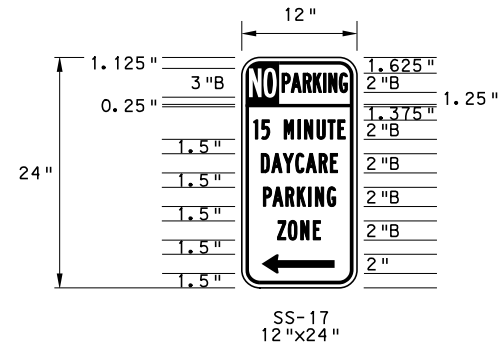
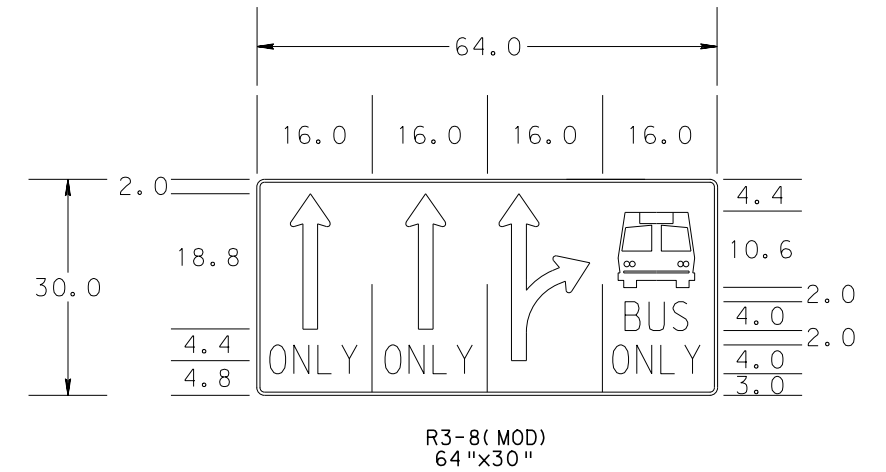
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS DETAILS	
Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. SN36	SHT. 639



FOR SS-14 AND SS-15, USE A WHITE BORDER, LEGEND, AND TEXT ON A GREEN BACKGROUND



FOR SS-16 USE A BLACK BORDER, LEGEND, AND TEXT ON A WHITE BACKGROUND



NOTES:
1. FOR FABRICATION OF BIKE RELATED SIGNS, REFER TO CITY OF PITTSBURGH BIKE-RELATED STANDARDS.



Gulf Tower
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Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

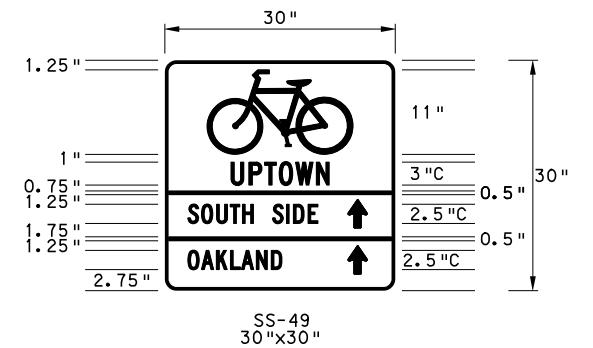
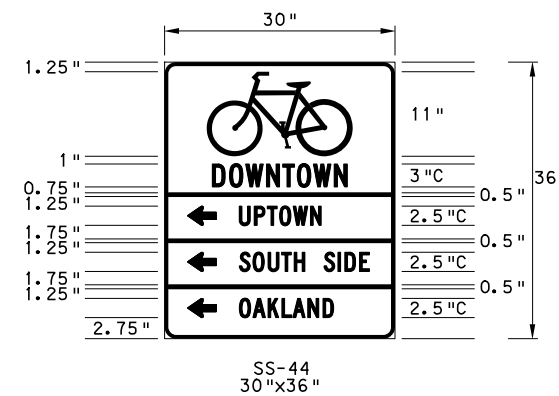
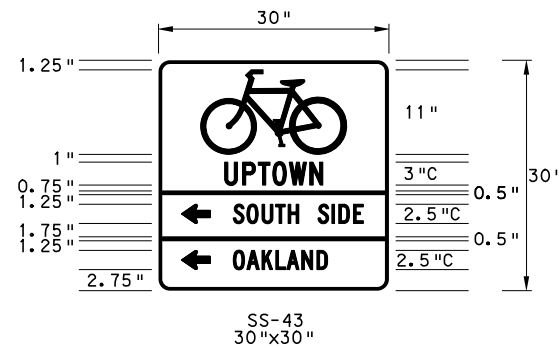
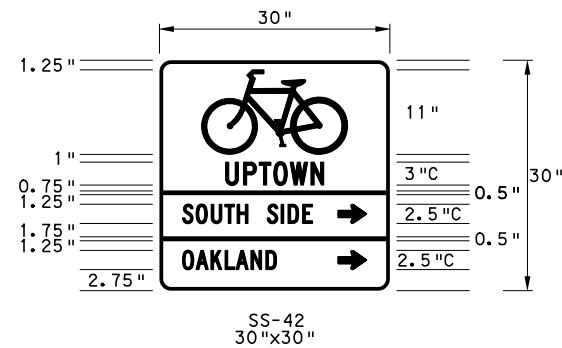
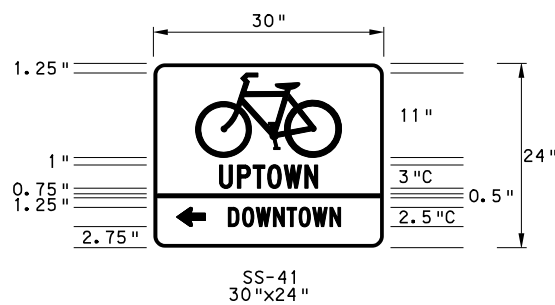
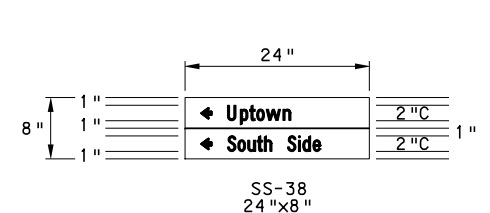
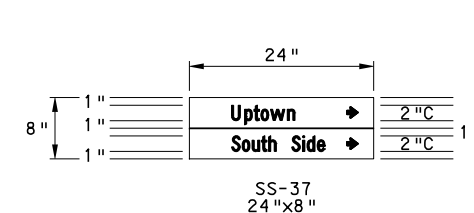
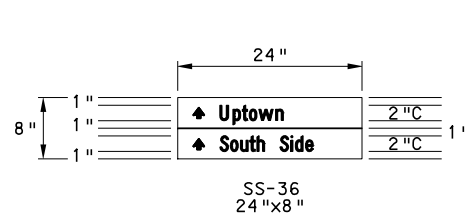
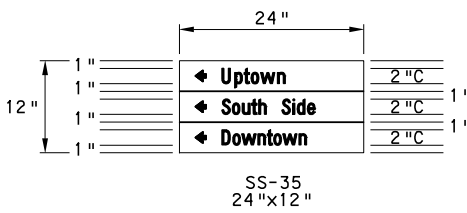
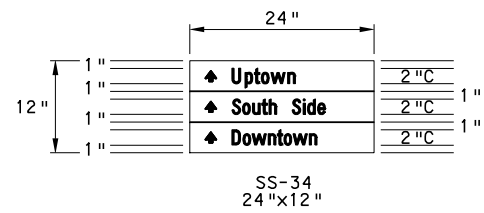
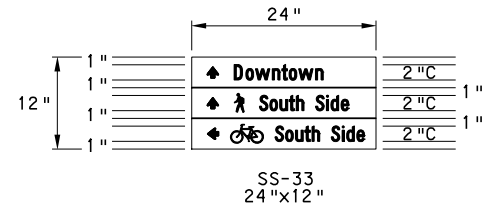
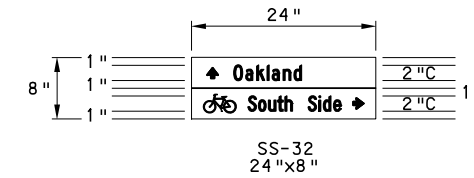
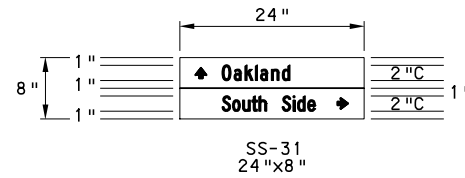
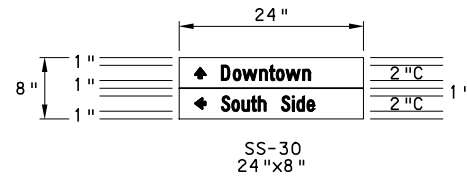
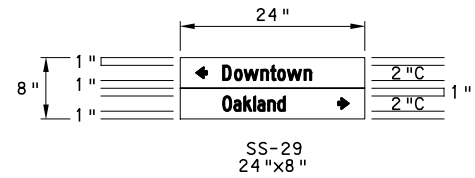
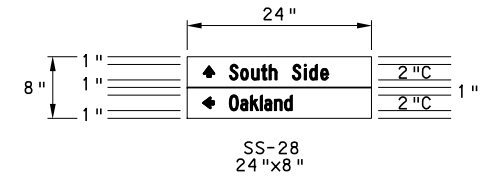
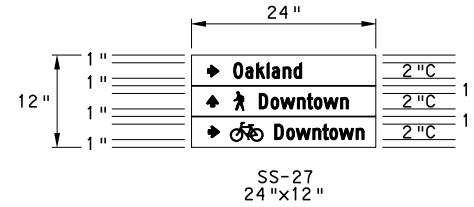
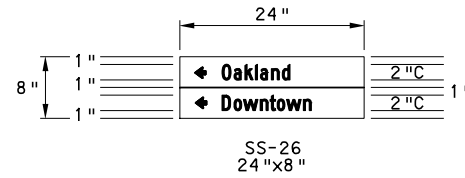
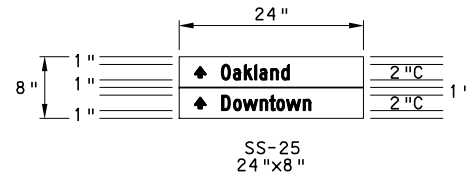
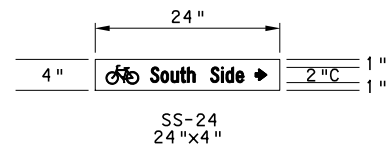
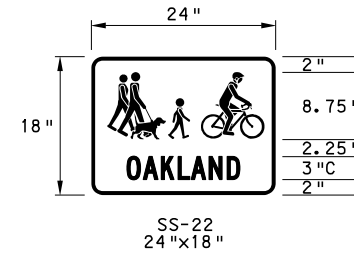
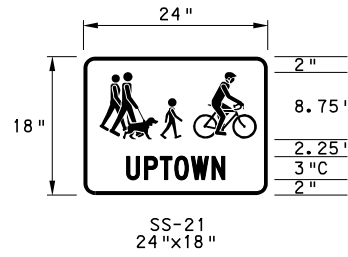
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(NOT FOR CONSTRUCTION)

DESIGNED	DWP
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS DETAILS	
Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. SN37	SHT. 640

- NOTES:**
- FOR ALL SPECIAL SIGNS SHOWN BELOW, USE A WHITE BORDER AND LEGEND ON A GREEN BACKGROUND.
 - FOR FABRICATION OF BIKE RELATED SIGNS, REFER TO CITY OF PITTSBURGH BIKE-RELATED STANDARDS.



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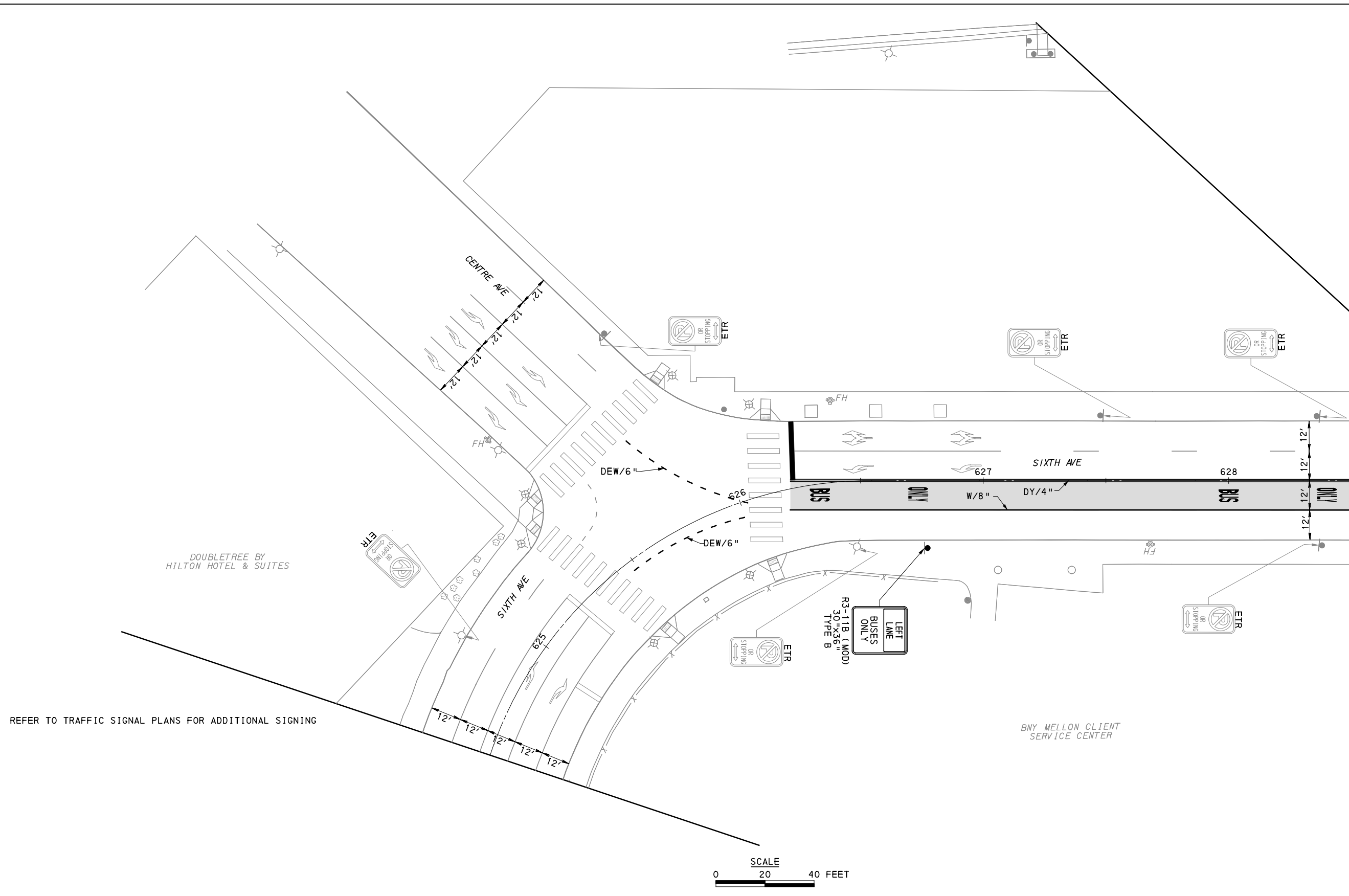
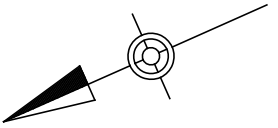
NO.	DATE	DESCRIPTION
REVISIONS		

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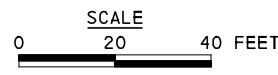
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS DETAILS		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN38	SHT. 641



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(NOT FOR CONSTRUCTION)

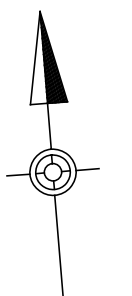
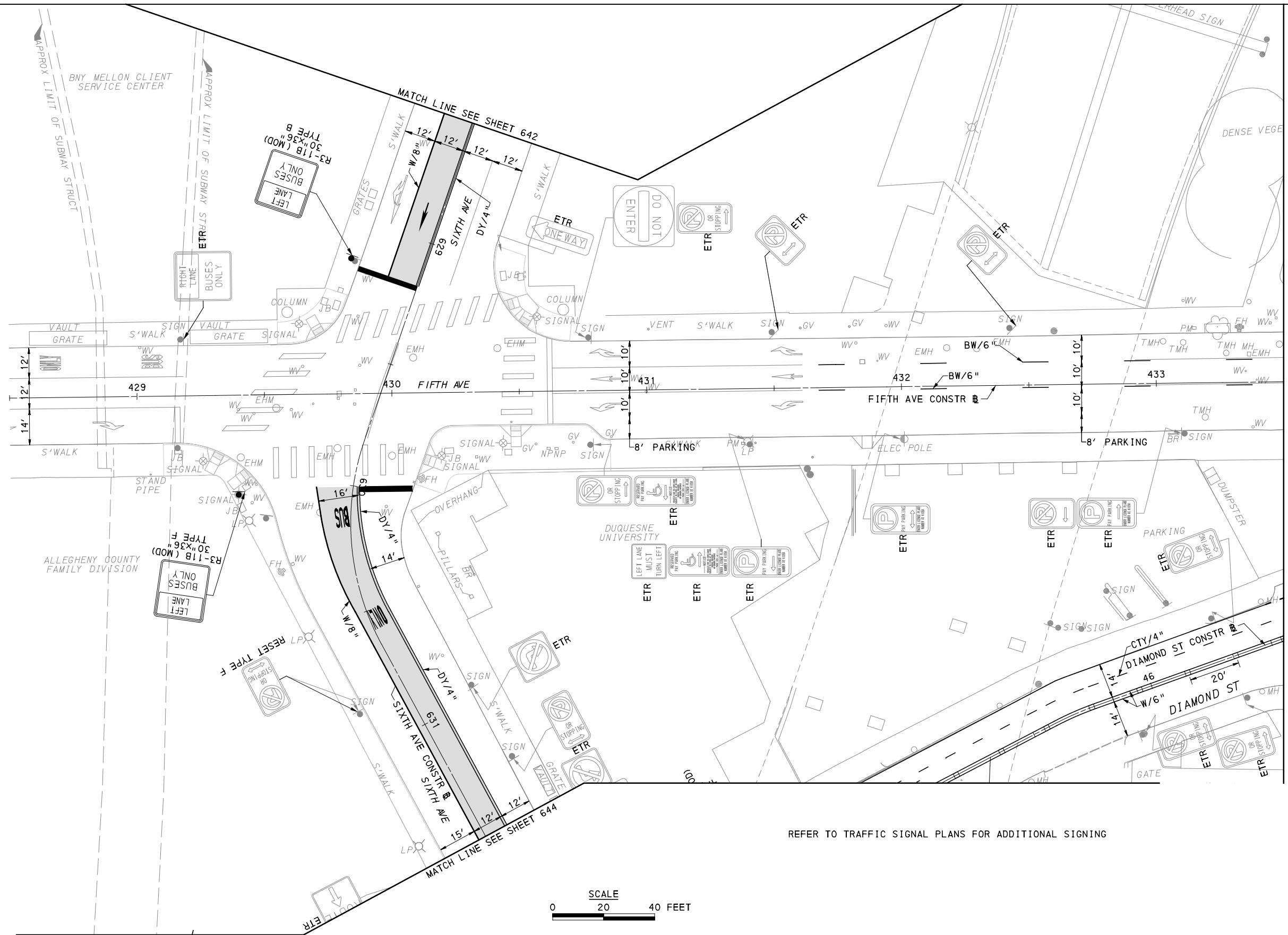
DESIGNED	NED
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

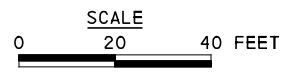
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 SIXTH AVE - STA 624+50 TO STA 628+50

Port Authority
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CONTRACT NO. BRT-001	
DWG. NO. SN39	SHT. 642



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(NOT FOR CONSTRUCTION)

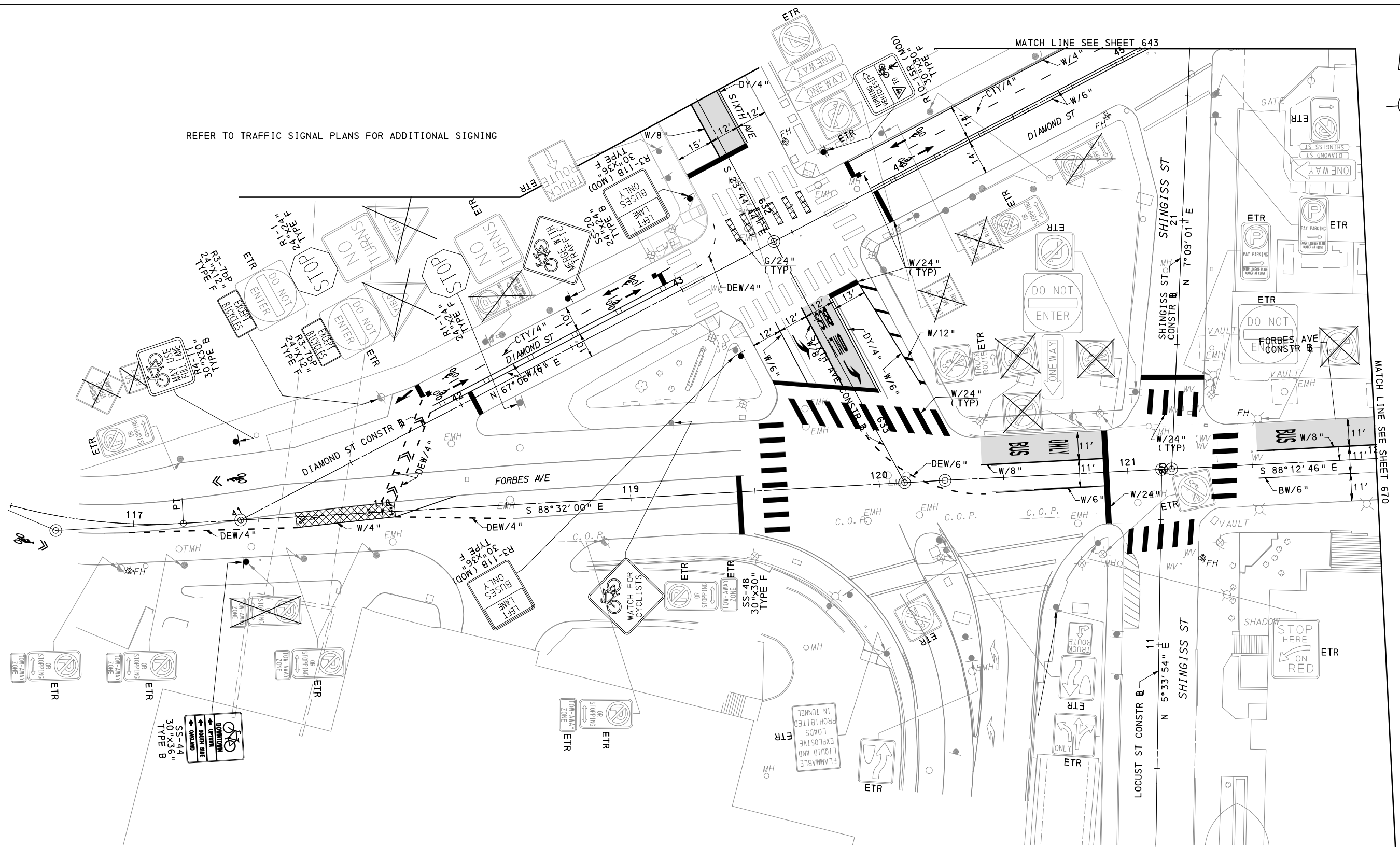
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DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

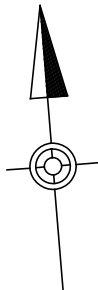
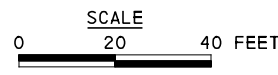
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FIFTH AVE - STA 428+50 TO STA 433+50

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CONTRACT NO. BRT-001
 DWG. NO. SN40 SHT. 643



REFER TO TRAFFIC SIGNAL PLANS FOR ADDITIONAL SIGNING



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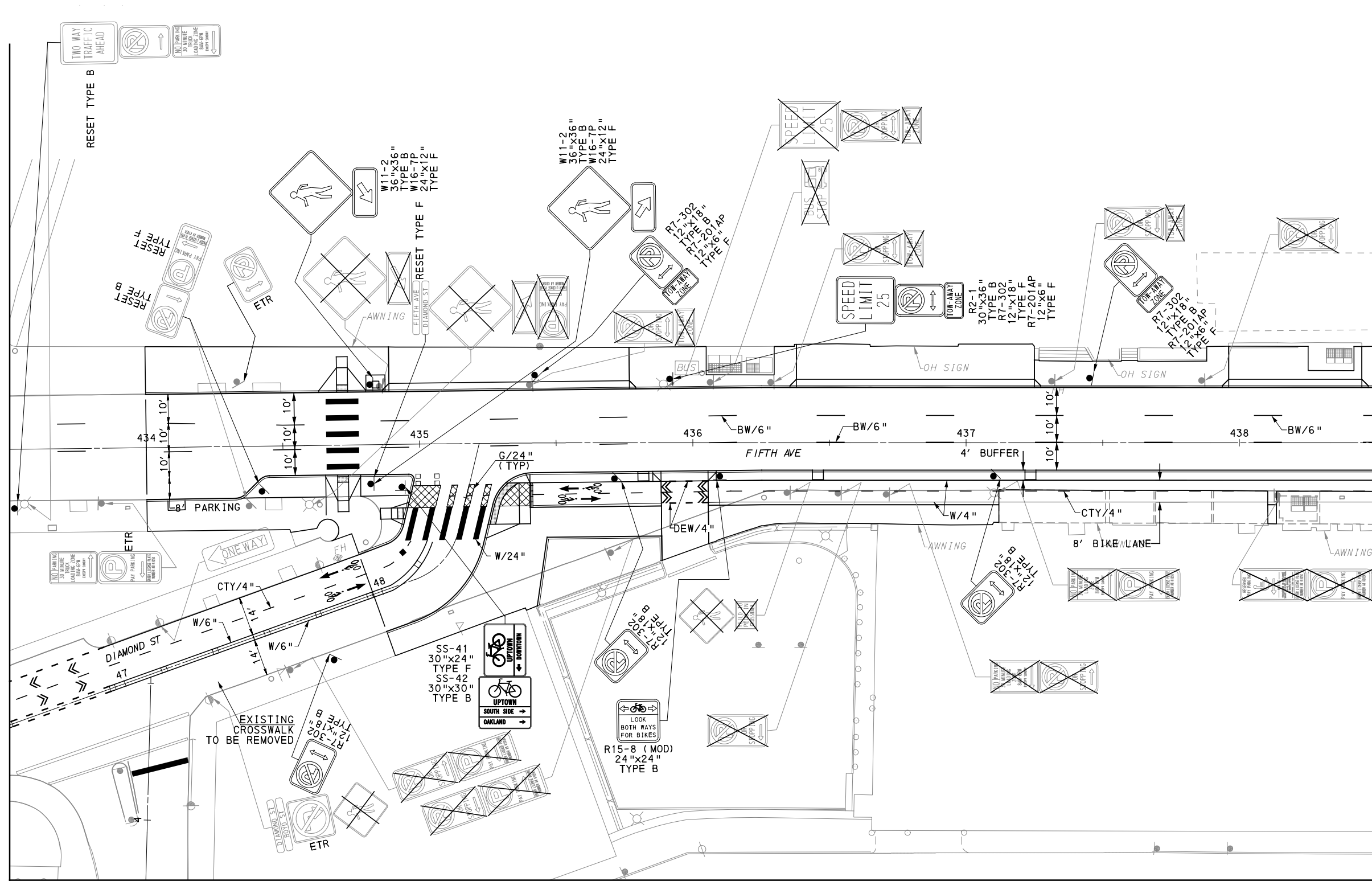
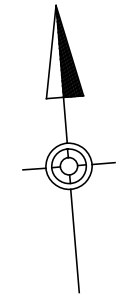
NO.	DATE	DESCRIPTION
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(NOT FOR CONSTRUCTION)

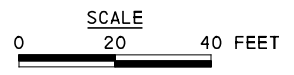
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IN CHARGE	JKM
DATE	03/12/21
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT ROADWAY SIGNING & PAVEMENT MARKING PLANS SIXTH AVE - STA 631+50 TO STA 633+24	
Port Authority connecting people to life™	CONTRACT NO. BRT-001
DWG. NO. SN41	SHT. 644



MATCH LINE SEE SHEET 670

MATCH LINE SEE SHEET 646



[FOR ROADWAY PLAN SEE SHEET 357]

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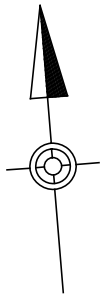
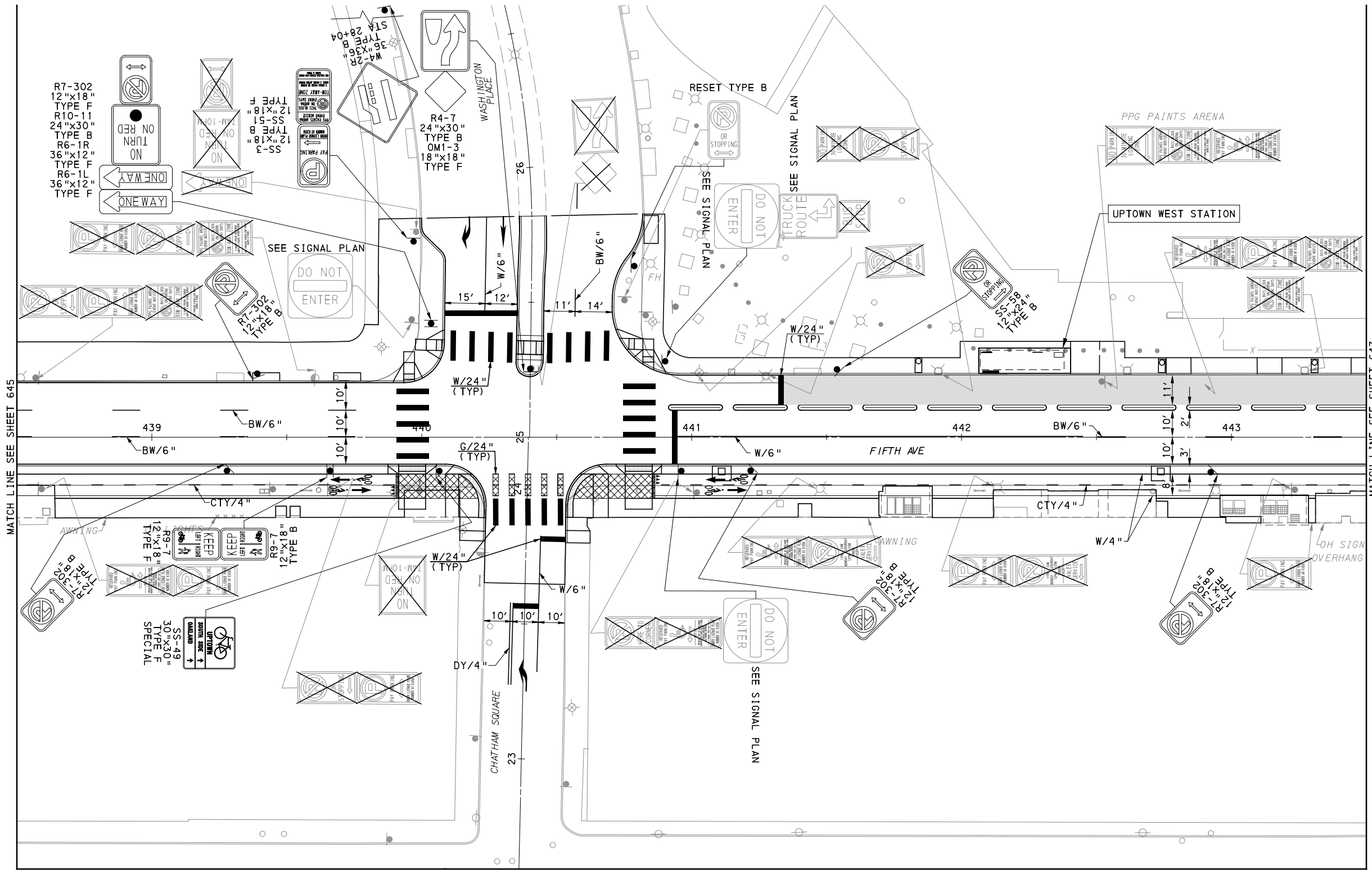
NO.	DATE	DESCRIPTION
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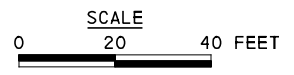
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 433+50 TO STA 438+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. SN42 SHT. 645



MATCH LINE SEE SHEET 671



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IN CHARGE	JKM
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SCALE	AS SHOWN

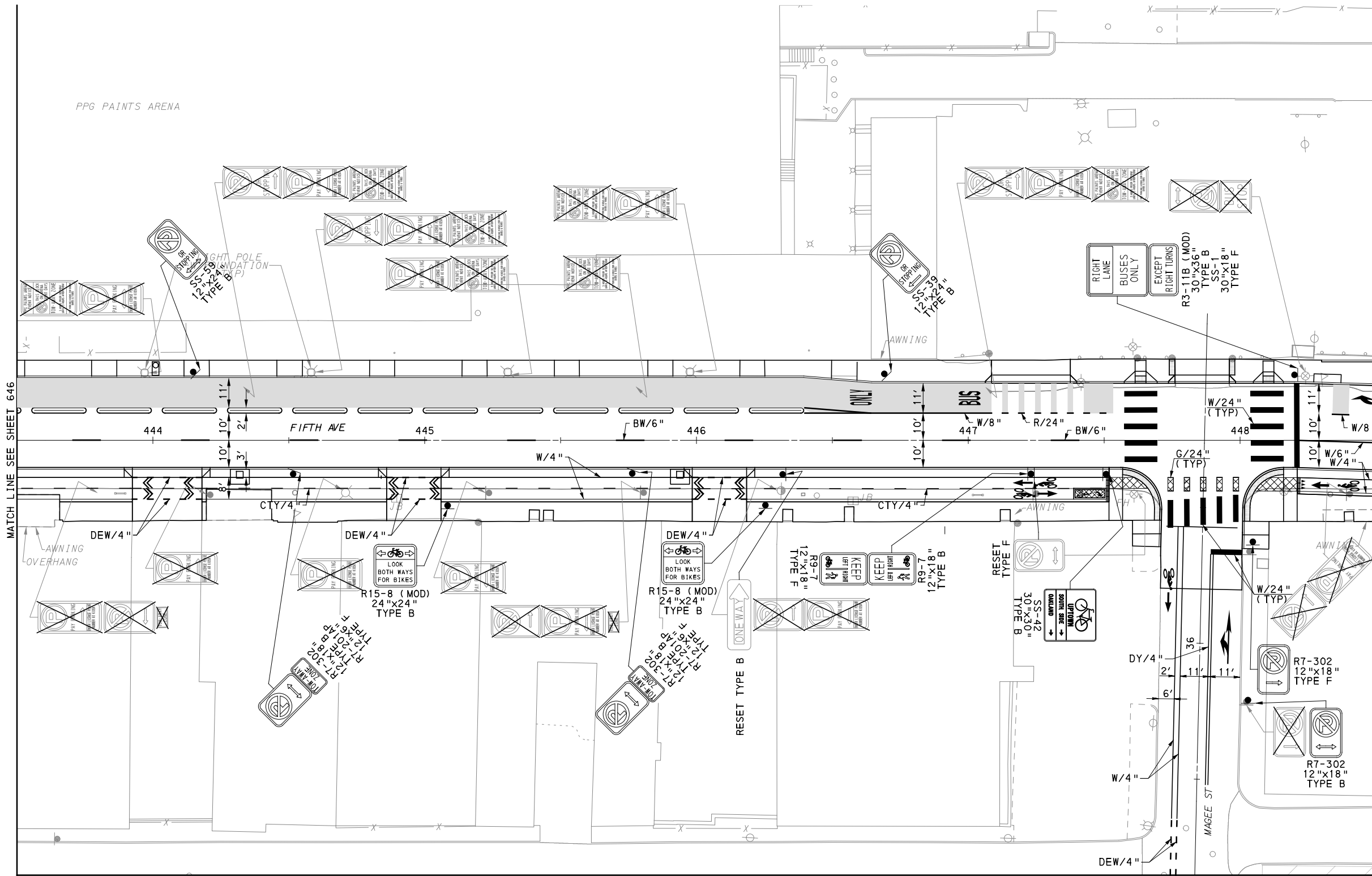
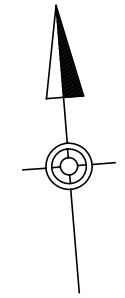
[FOR ROADWAY PLAN SEE SHEET 358]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FIFTH AVE - STA 438+50 TO STA 443+50

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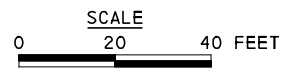
CONTRACT NO. BRT-001	
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MATCH LINE SEE SHEET 646

MATCH LINE SEE SHEET 648

MATCH LINE SEE SHEET 672



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DATE	05/01/24
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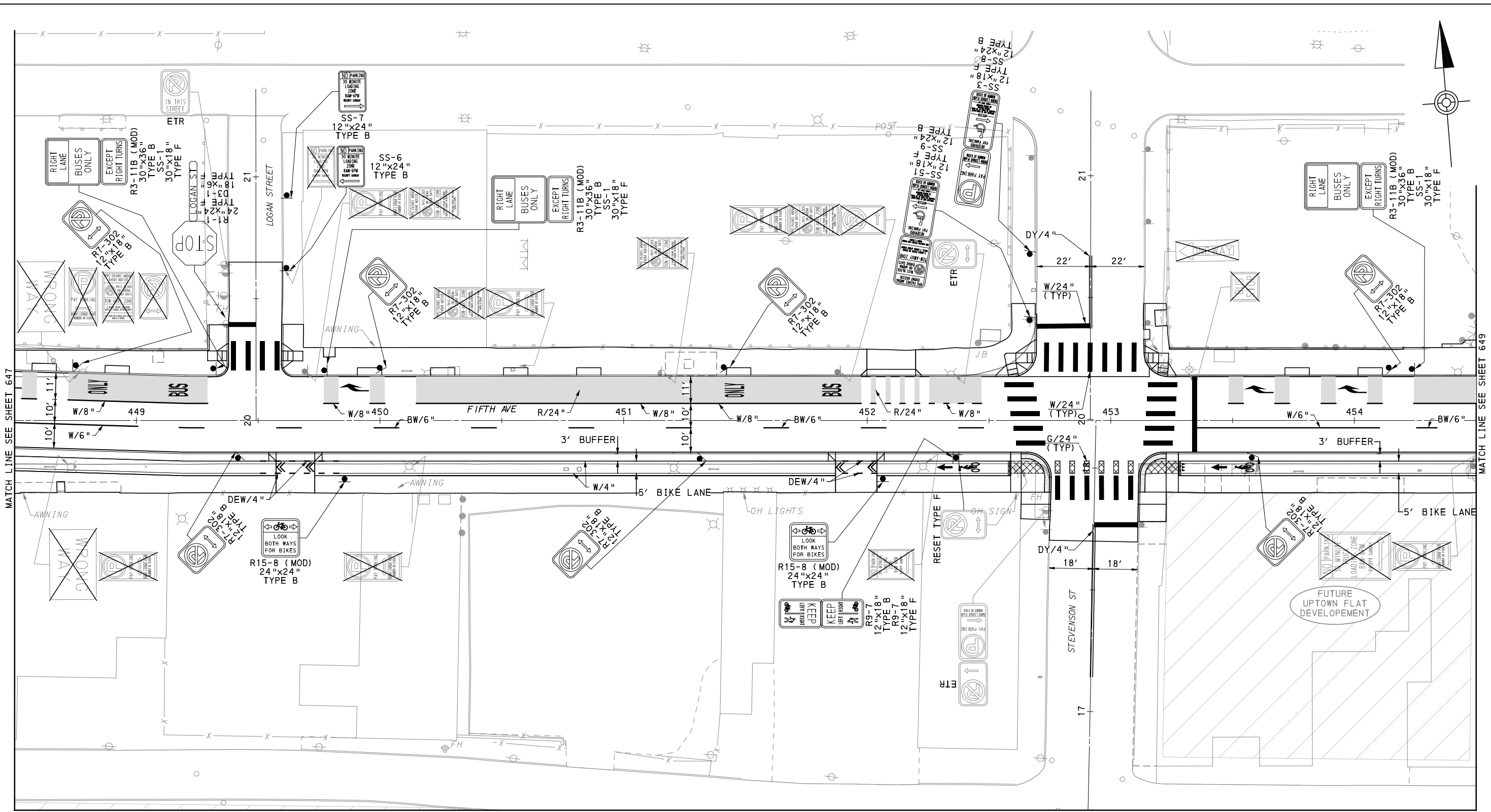
[FOR ROADWAY PLAN SEE SHEET 359]

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

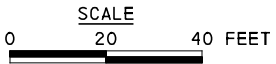
BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FIFTH AVE - STA 443+50 TO STA 448+50

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CONTRACT NO. BRT-001	
DWG. NO. SN44	SHT. 647



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SCALE	AS SHOWN

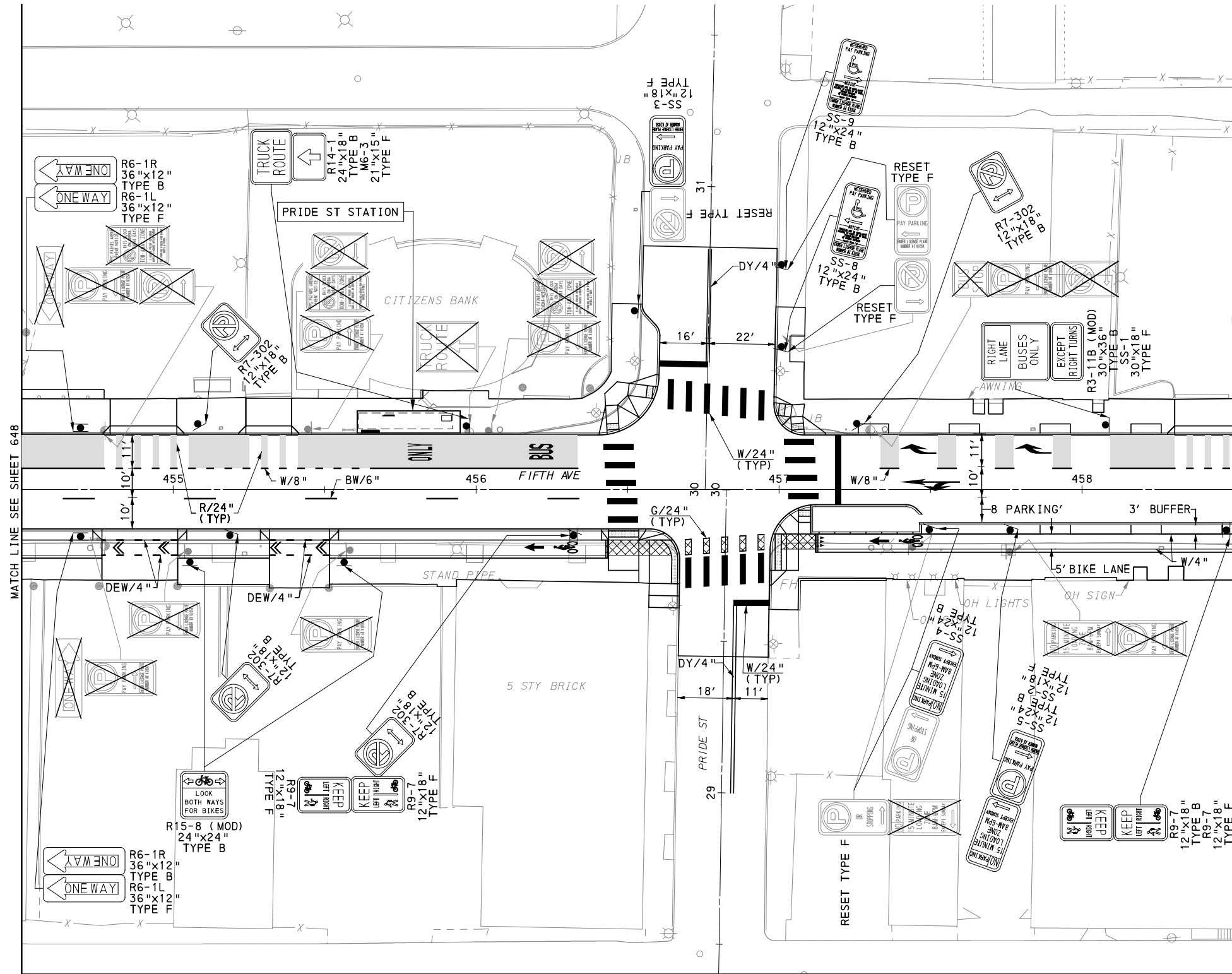
(FOR ROADWAY PLAN SEE SHEET 360)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FIFTH AVE - STA 448+50 TO STA 454+50

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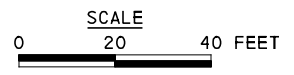
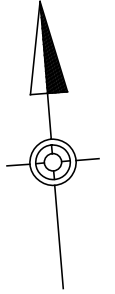
CONTRACT NO. BRT-001	
DWG. NO. SN45	SHT. 648



MATCH LINE SEE SHEET 650

MATCH LINE SEE SHEET 648

MATCH LINE SEE SHEET 674



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Pittsburgh, PA 15219

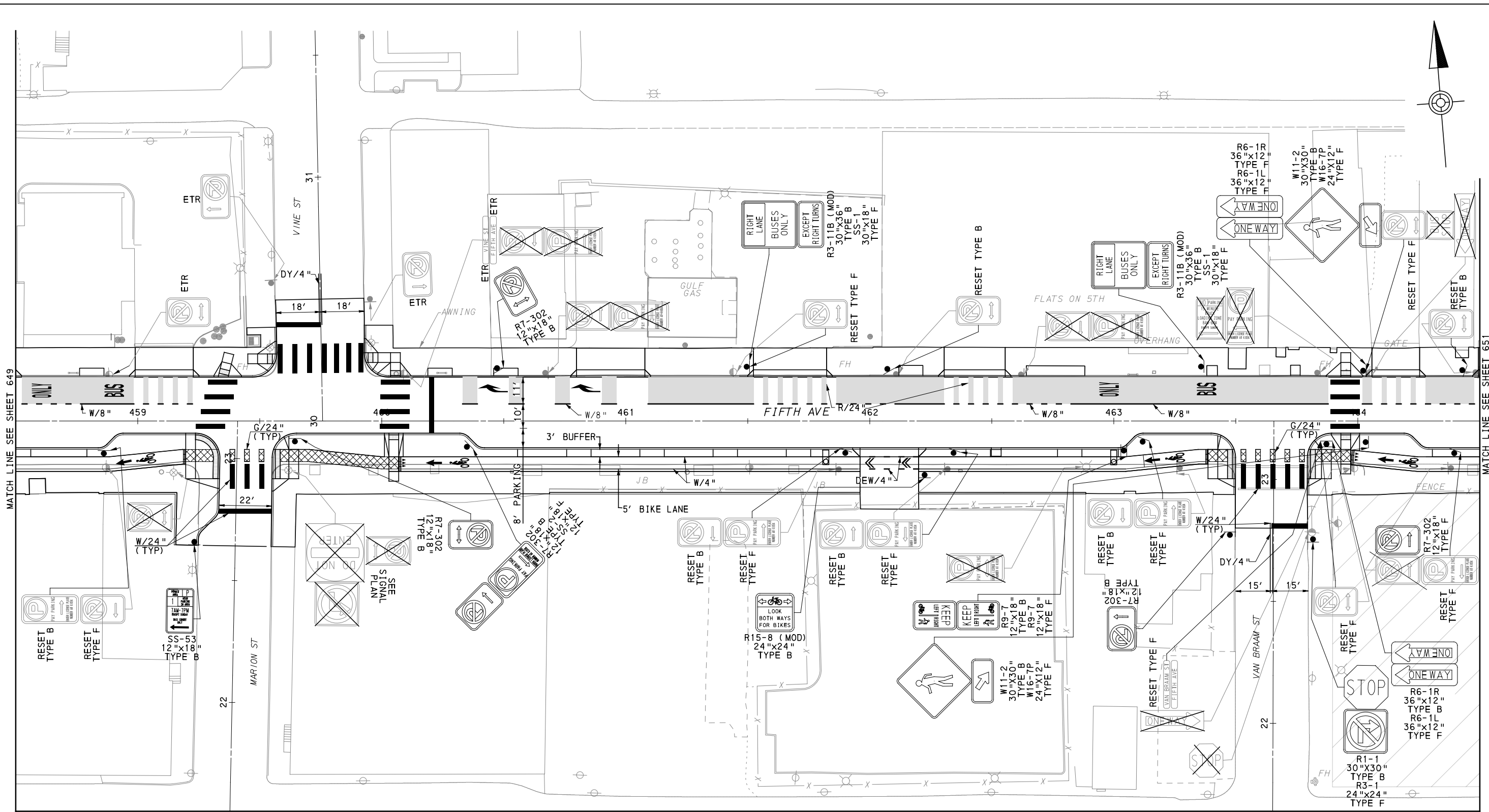
NO.	DATE	DESCRIPTION

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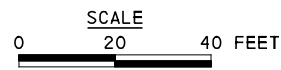
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DATE	05/01/24
SCALE	AS SHOWN

FOR ROADWAY PLAN SEE SHEET 361	
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 454+50 TO STA 458+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. SN46 SHT. 649



MATCH LINE SEE SHEET 675



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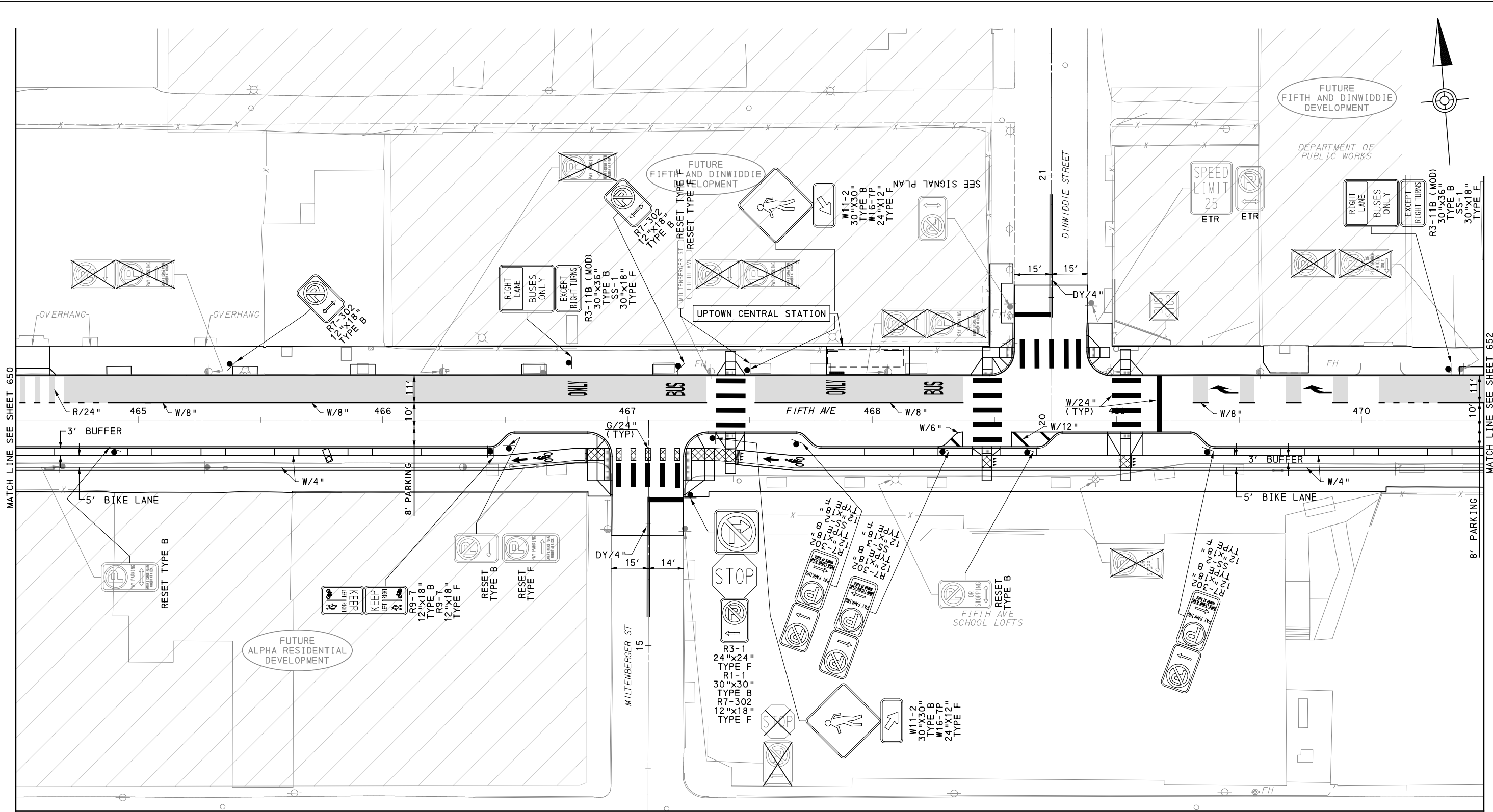
NO.	DATE	DESCRIPTION
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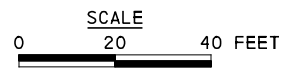
(NOT FOR CONSTRUCTION)

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FOR ROADWAY PLAN SEE SHEET 362		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 458+50 TO STA 464+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN47	SHT. 650



MATCH LINE SEE SHEET 676



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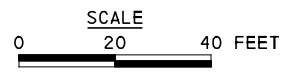
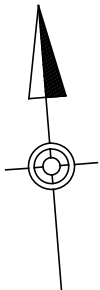
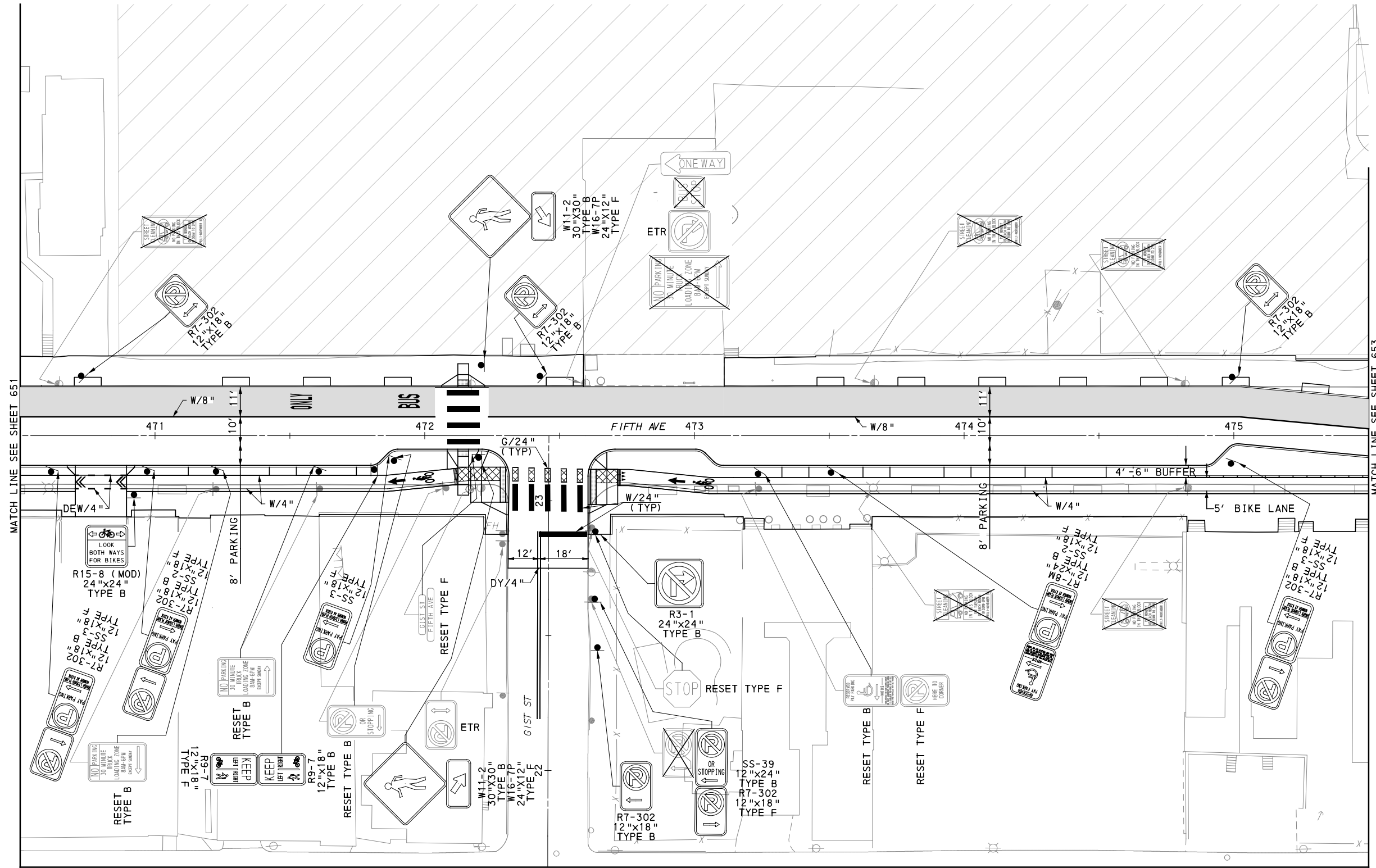
NO.	DATE	DESCRIPTION
REVISIONS		

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IN CHARGE	JKM
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SCALE	AS SHOWN

(FOR ROADWAY PLAN SEE SHEET 363)		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 464+50 TO STA 470+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN48	SHT. 651



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(NOT FOR CONSTRUCTION)

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DRAWN	NED
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

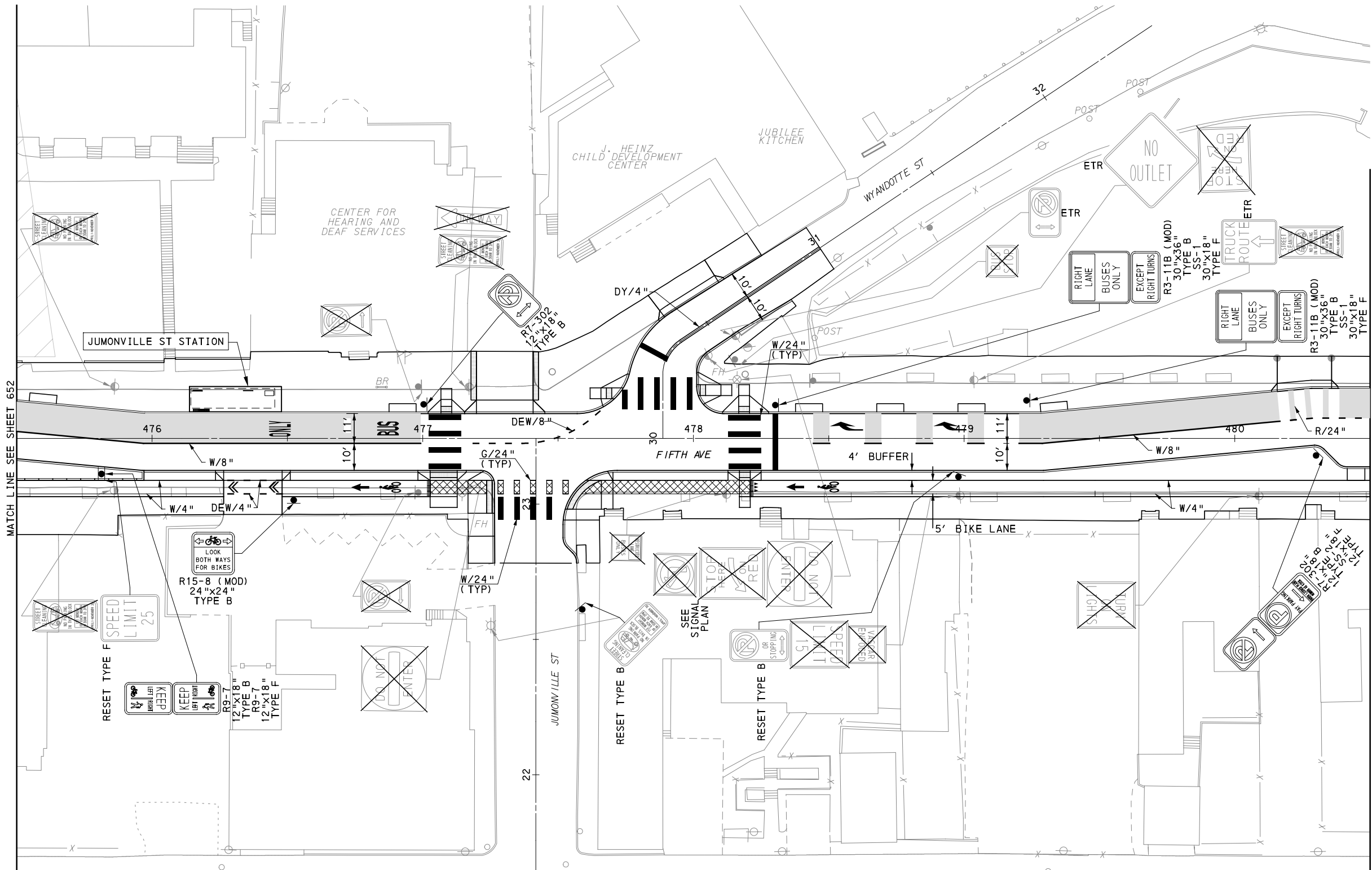
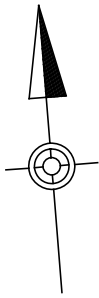
(FOR ROADWAY PLAN SEE SHEET 364)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FIFTH AVE - STA 470+50 TO STA 475+50

Port Authority connecting people to life™

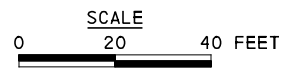
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DWG. NO. SN49	SHT. 652



MATCH LINE SEE SHEET 652

MATCH LINE SEE SHEET 654

MATCH LINE SEE SHEET 678



[FOR ROADWAY PLAN SEE SHEET 365]

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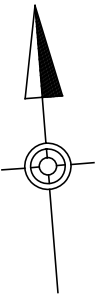
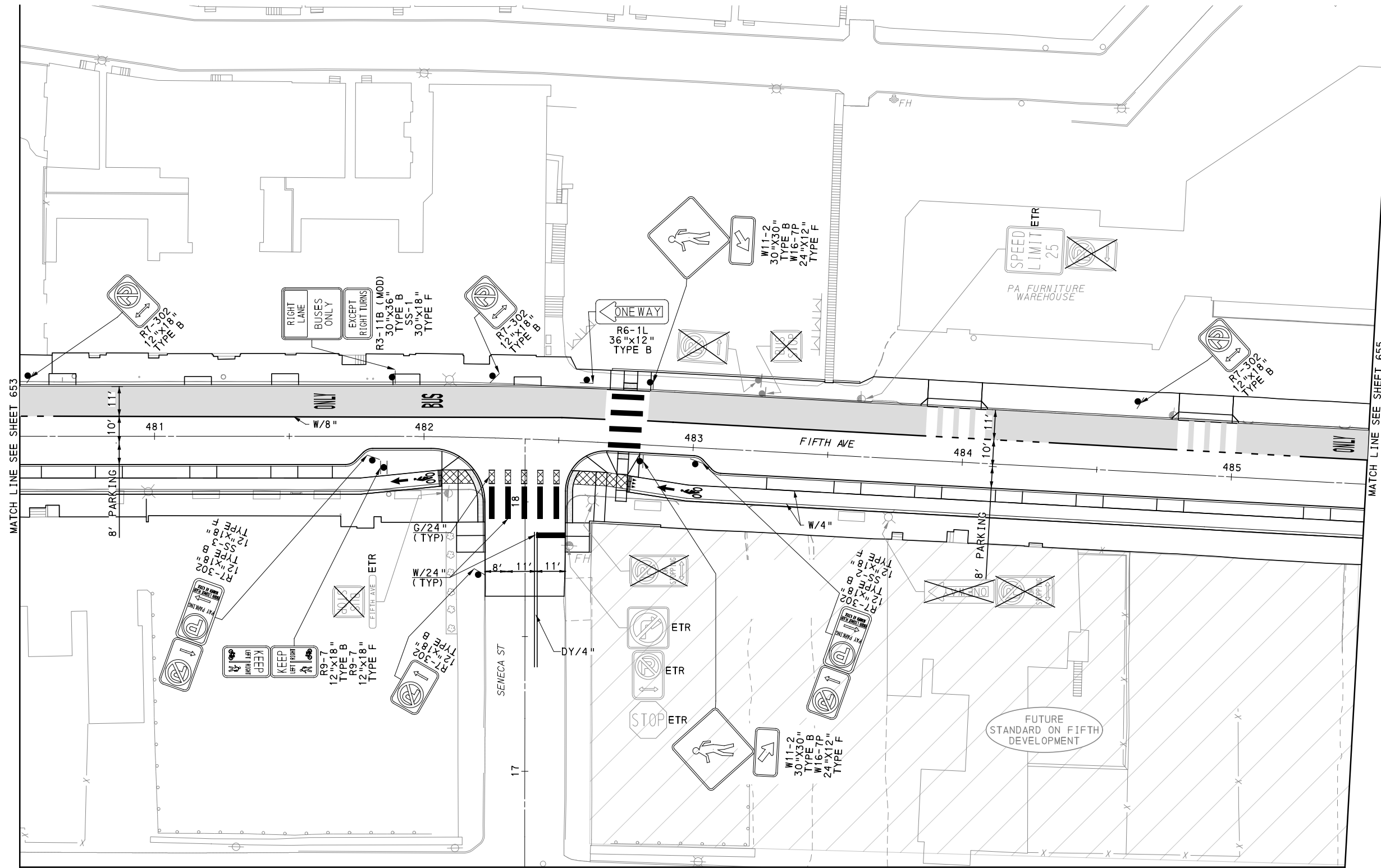
NO.	DATE	DESCRIPTION
REVISIONS		

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DESIGNED	DWP
DRAWN	NED
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

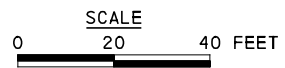
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 475+50 TO STA 480+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. SN50 SHT. 653



MATCH LINE SEE SHEET 653

MATCH LINE SEE SHEET 655

MATCH LINE SEE SHEET 679



[FOR ROADWAY PLAN SEE SHEET 366]



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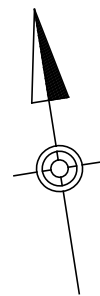
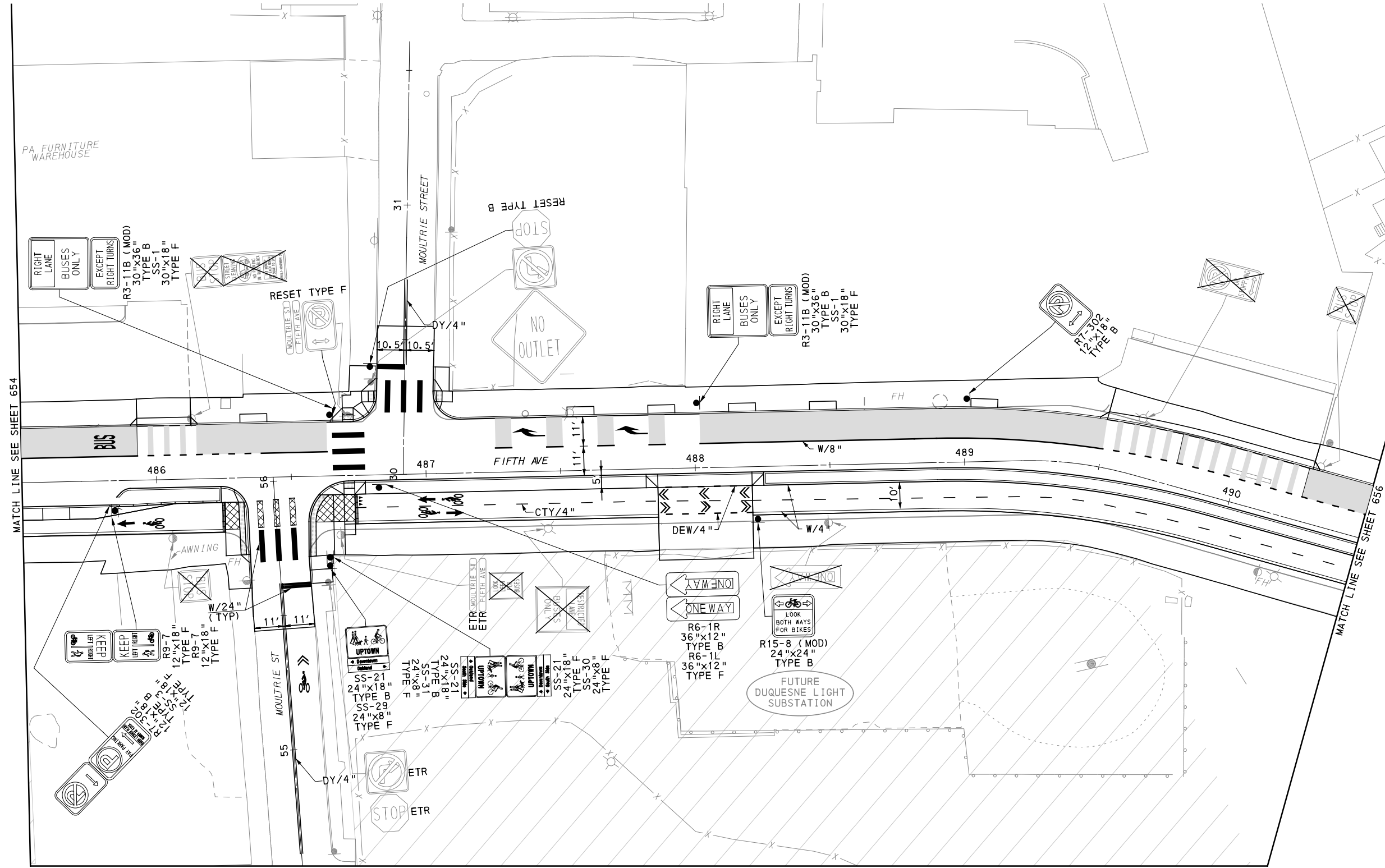
NO.	DATE	DESCRIPTION
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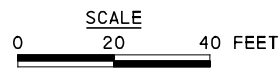
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 480+50 TO STA 485+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. SN51 SHT. 654



MATCH LINE SEE SHEET 680



[FOR ROADWAY PLAN SEE SHEET 367]

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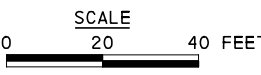
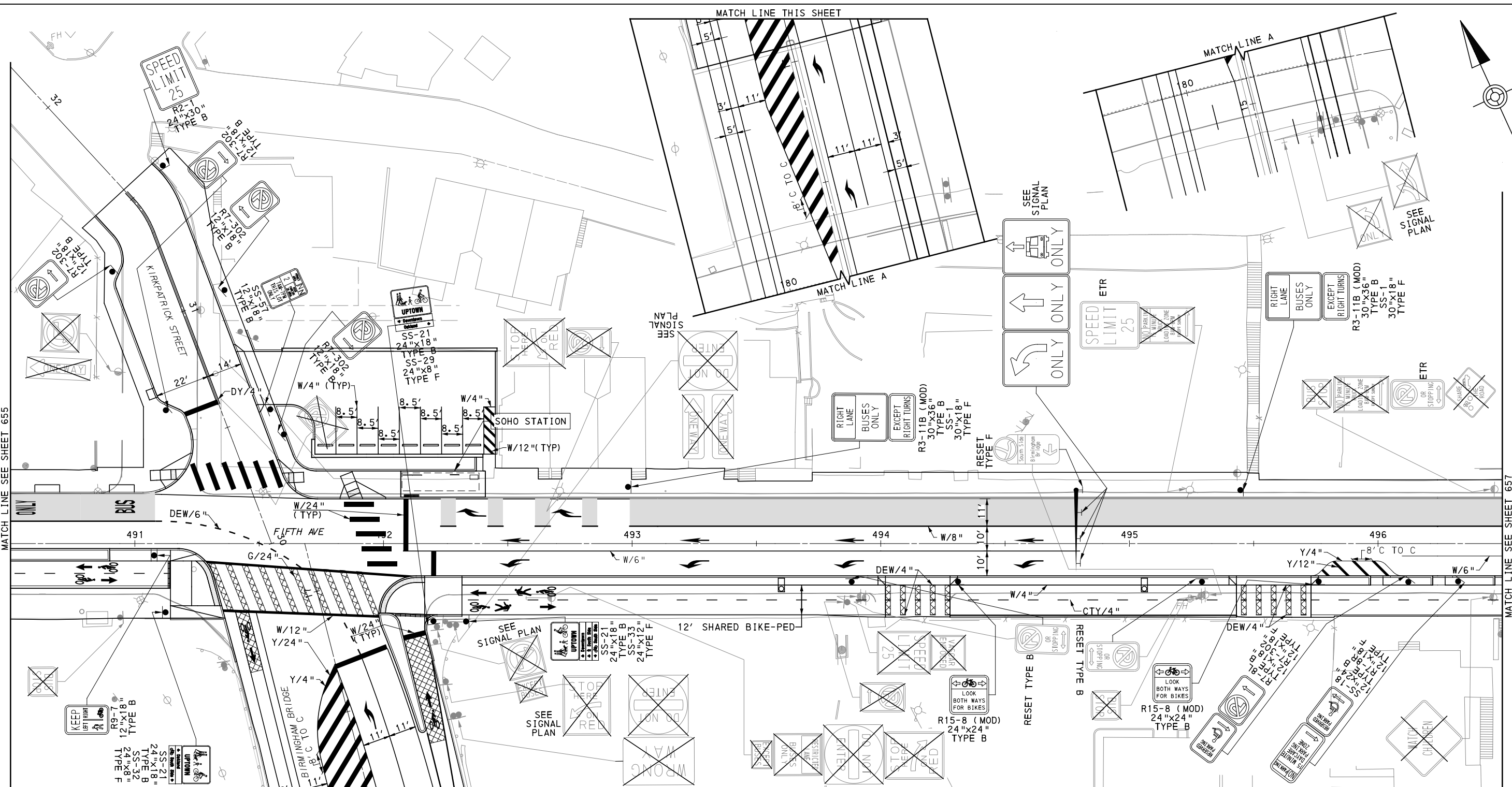
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 485+50 TO STA 490+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. SN52 SHT. 655



[FOR ROADWAY PLAN SEE SHEET 368]

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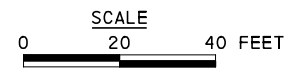
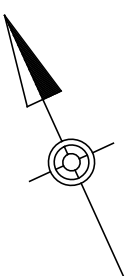
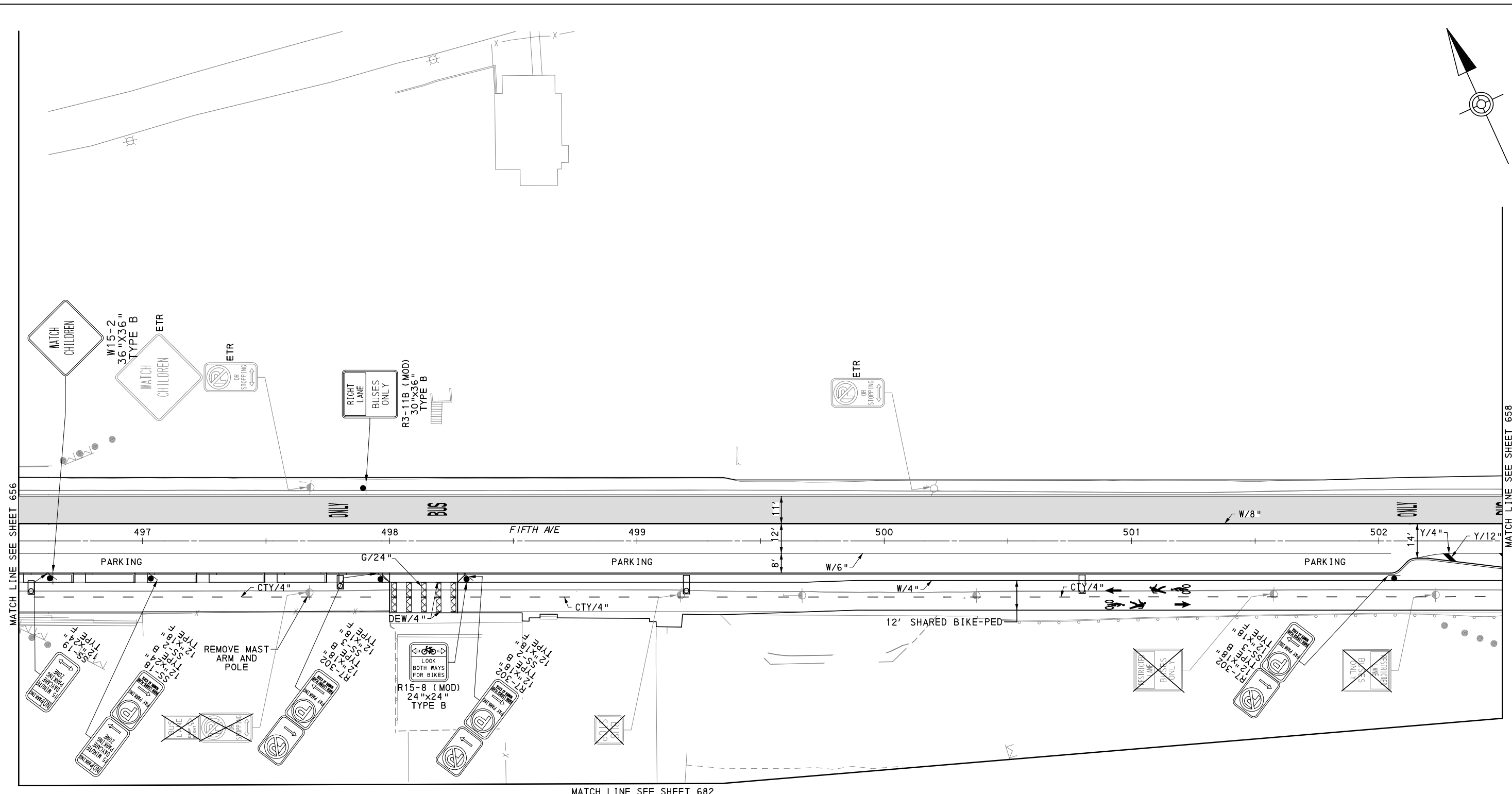
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FIFTH AVE - STA 490+50 TO STA 496+50

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DWG. NO. SN53	SHT. 656



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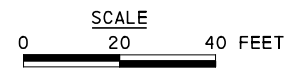
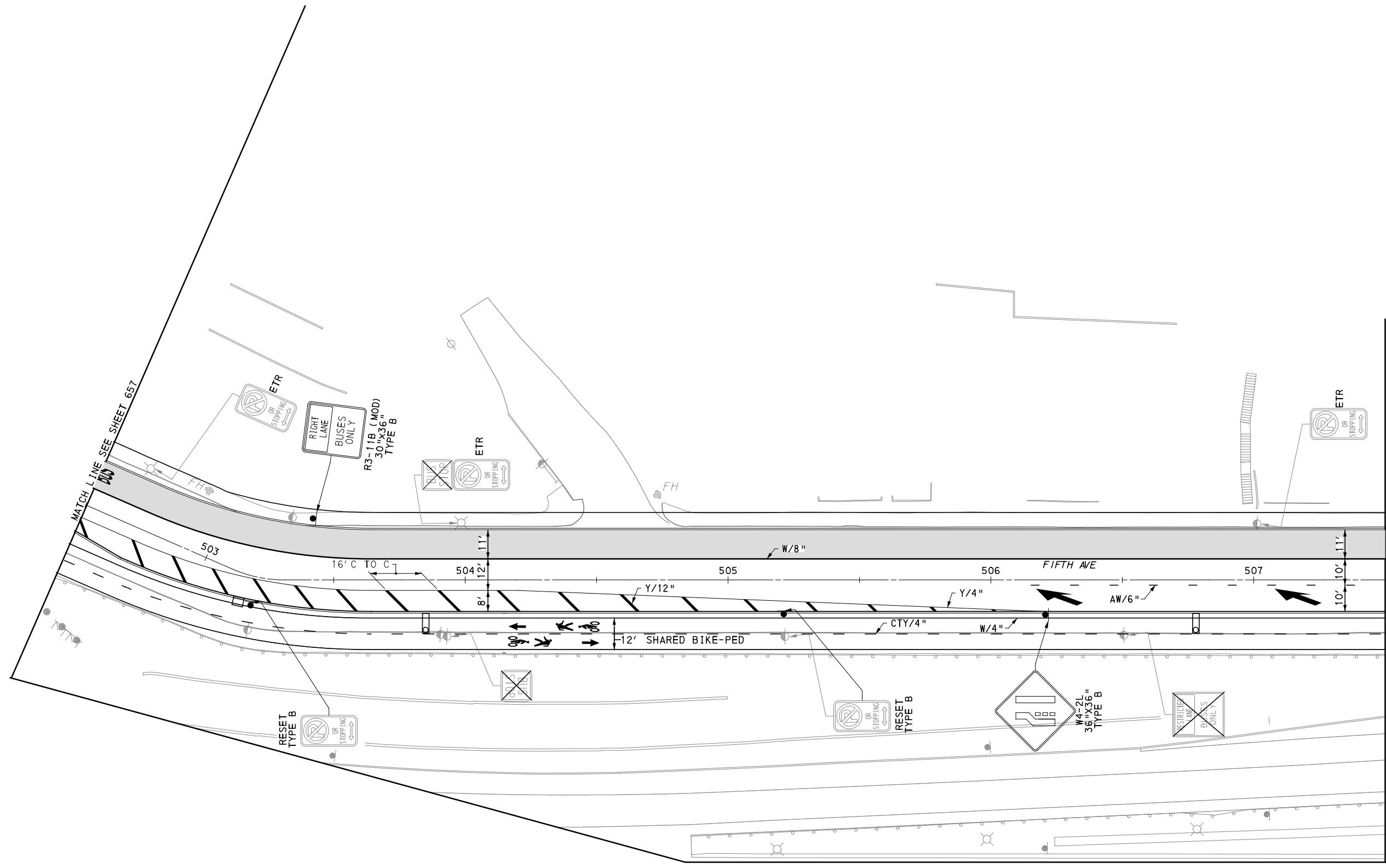
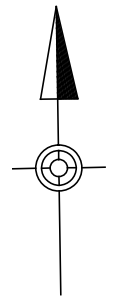
DESIGNED	DWP
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IN CHARGE	JKM
DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FIFTH AVE - STA 496+50 TO STA 502+50

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DWG. NO. SN54	SHT. 657



[FOR ROADWAY PLAN SEE SHEET 370]

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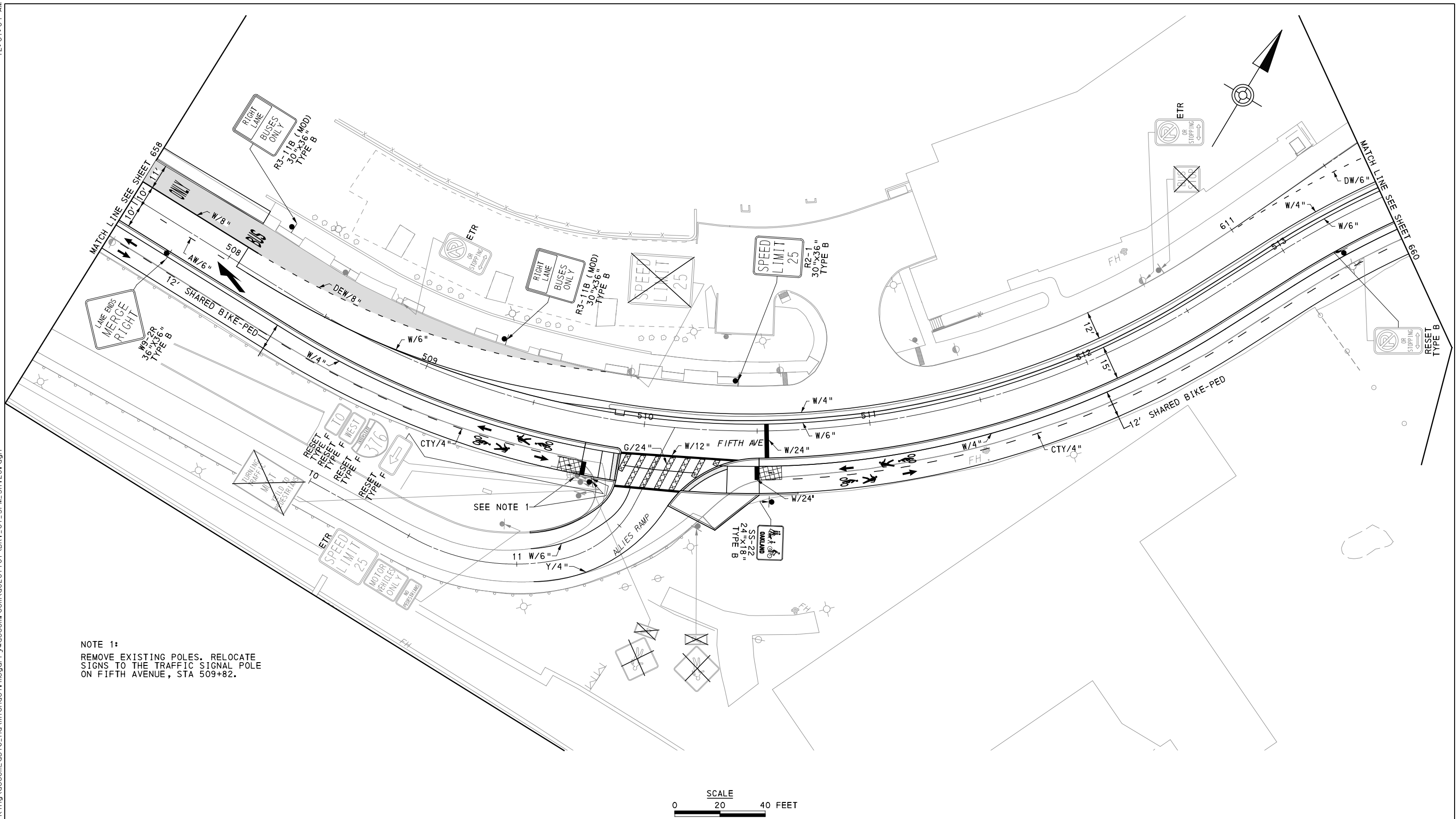
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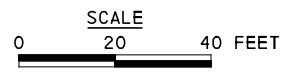
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 502+50 TO STA 507+50		
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	DWG. NO. SN55	SHT. 658



NOTE 1:
REMOVE EXISTING POLES. RELOCATE SIGNS TO THE TRAFFIC SIGNAL POLE ON FIFTH AVENUE, STA 509+82.



[FOR ROADWAY PLAN SEE SHEET 371]

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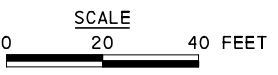
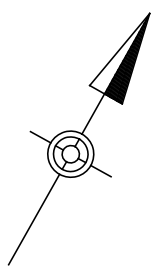
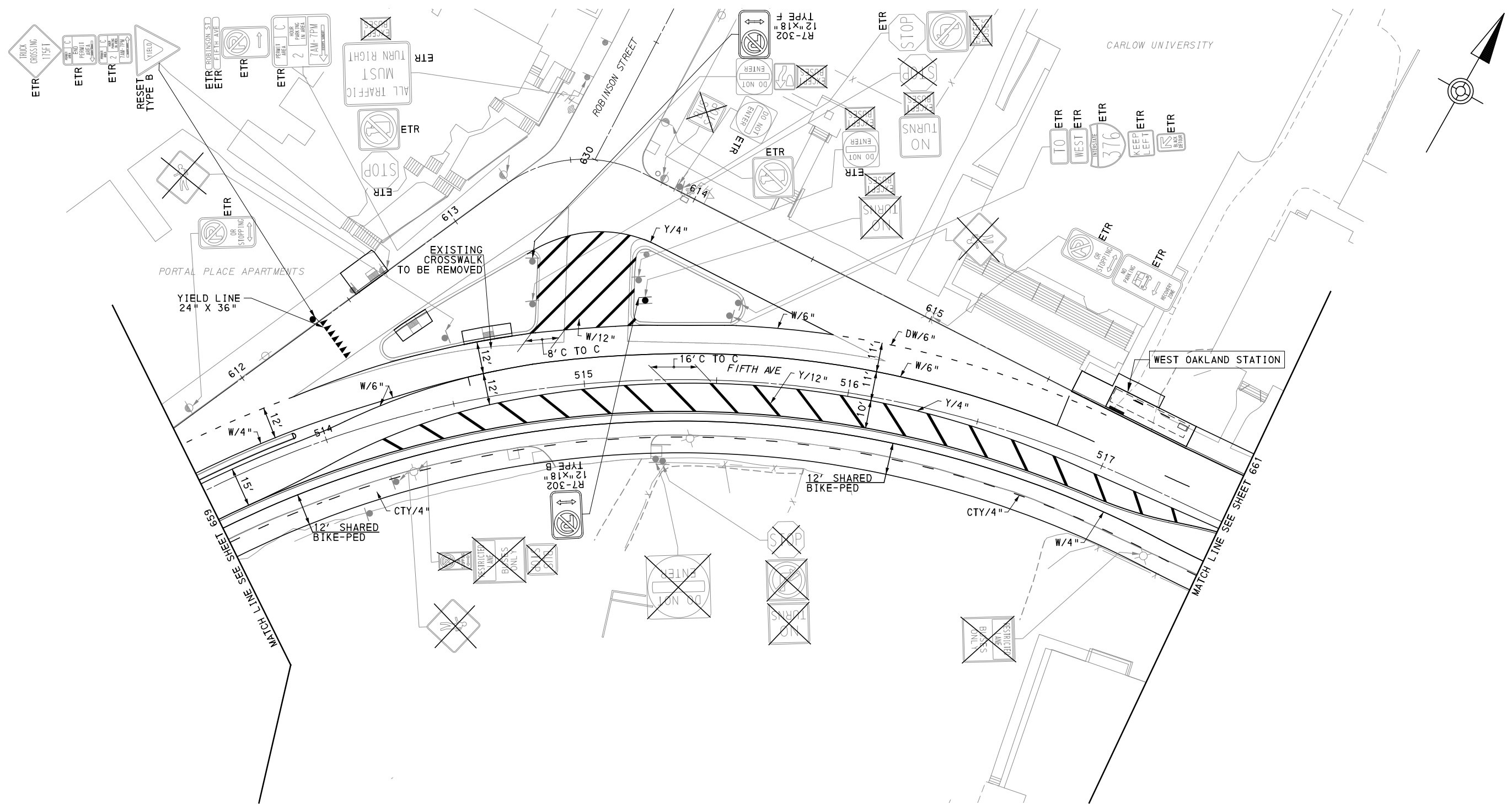
NO.	DATE	DESCRIPTION
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 507+50 TO STA 513+50	
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	DWG. NO. SN56 SHT. 659



[FOR ROADWAY PLAN SEE SHEET 372]

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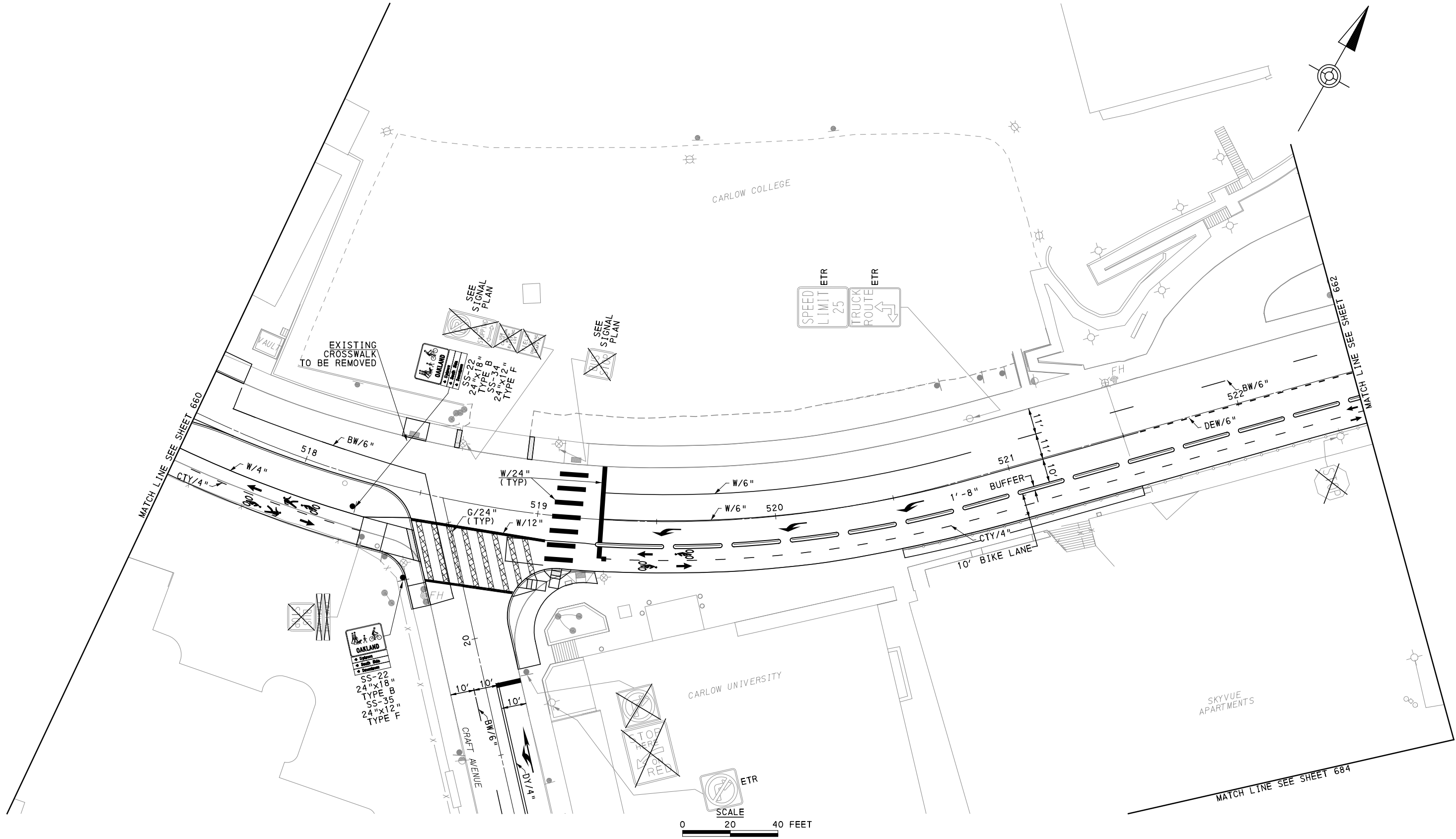
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 513+50 TO STA 517+50		
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	DWG. NO. SN57	SHT. 660



[FOR ROADWAY PLAN SEE SHEET 373]



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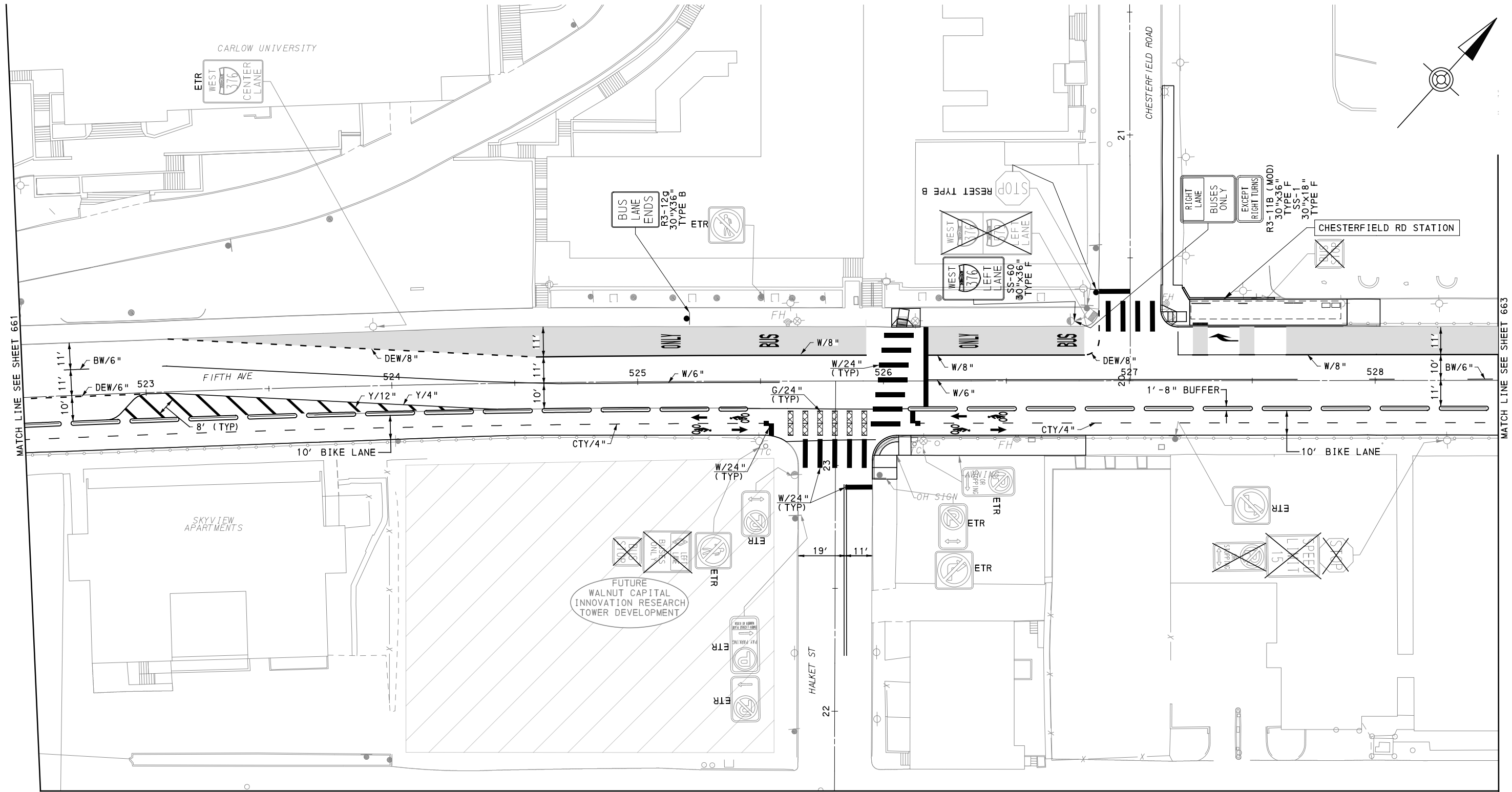
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FIFTH AVE - STA 517+50 TO STA 522+50

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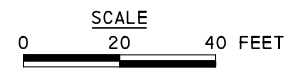
CONTRACT NO. BRT-001	
DWG. NO. SN58	SHT. 661



MATCH LINE SEE SHEET 661

MATCH LINE SEE SHEET 663

MATCH LINE SEE SHEET 686



[FOR ROADWAY PLAN SEE SHEET 374]

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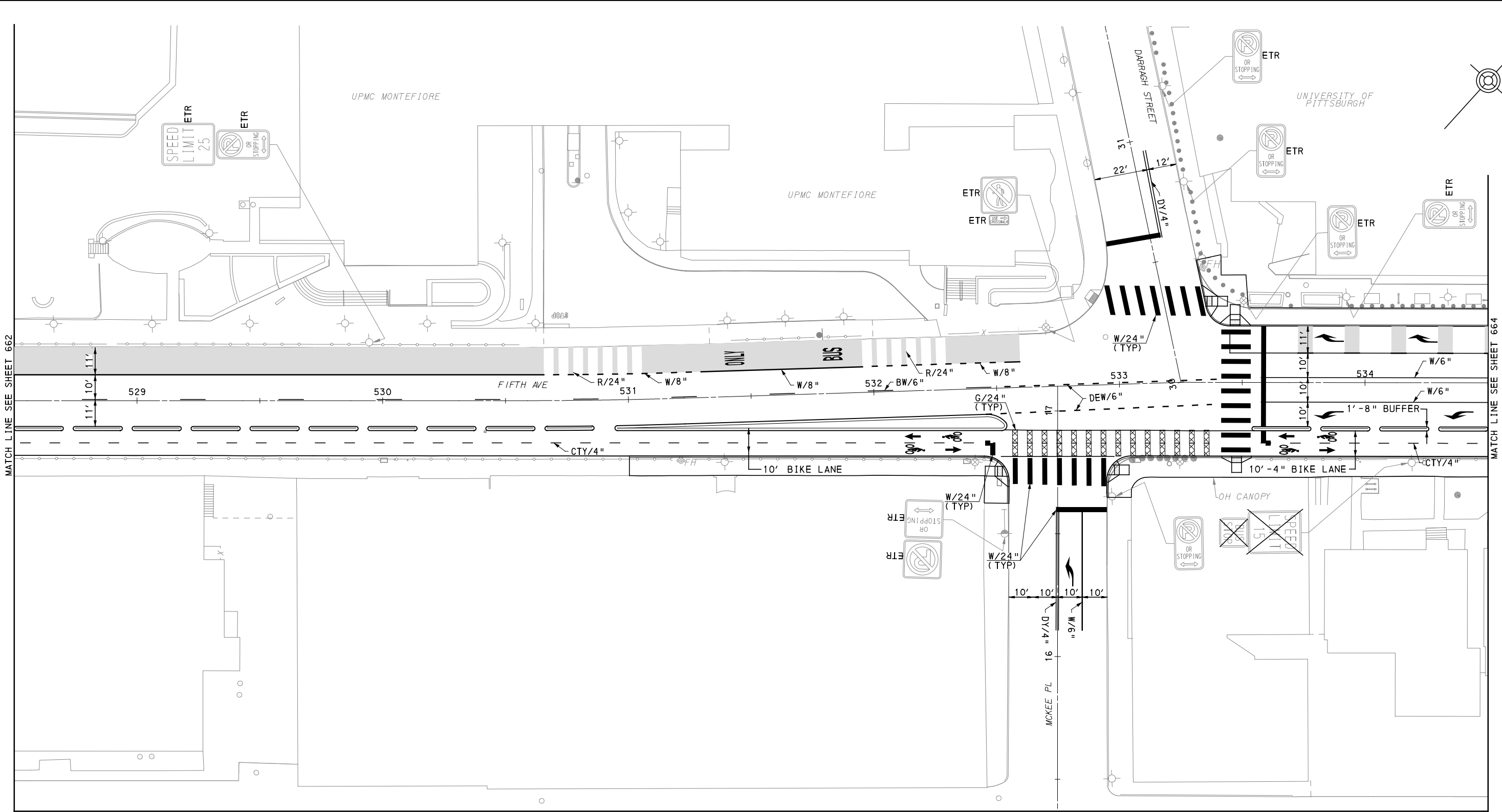
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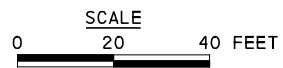
BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FIFTH AVE - STA 522+50 TO STA 528+50

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DWG. NO.	SN59
SHT.	662



MATCH LINE SEE SHEET 687



[FOR ROADWAY PLAN SEE SHEET 375]



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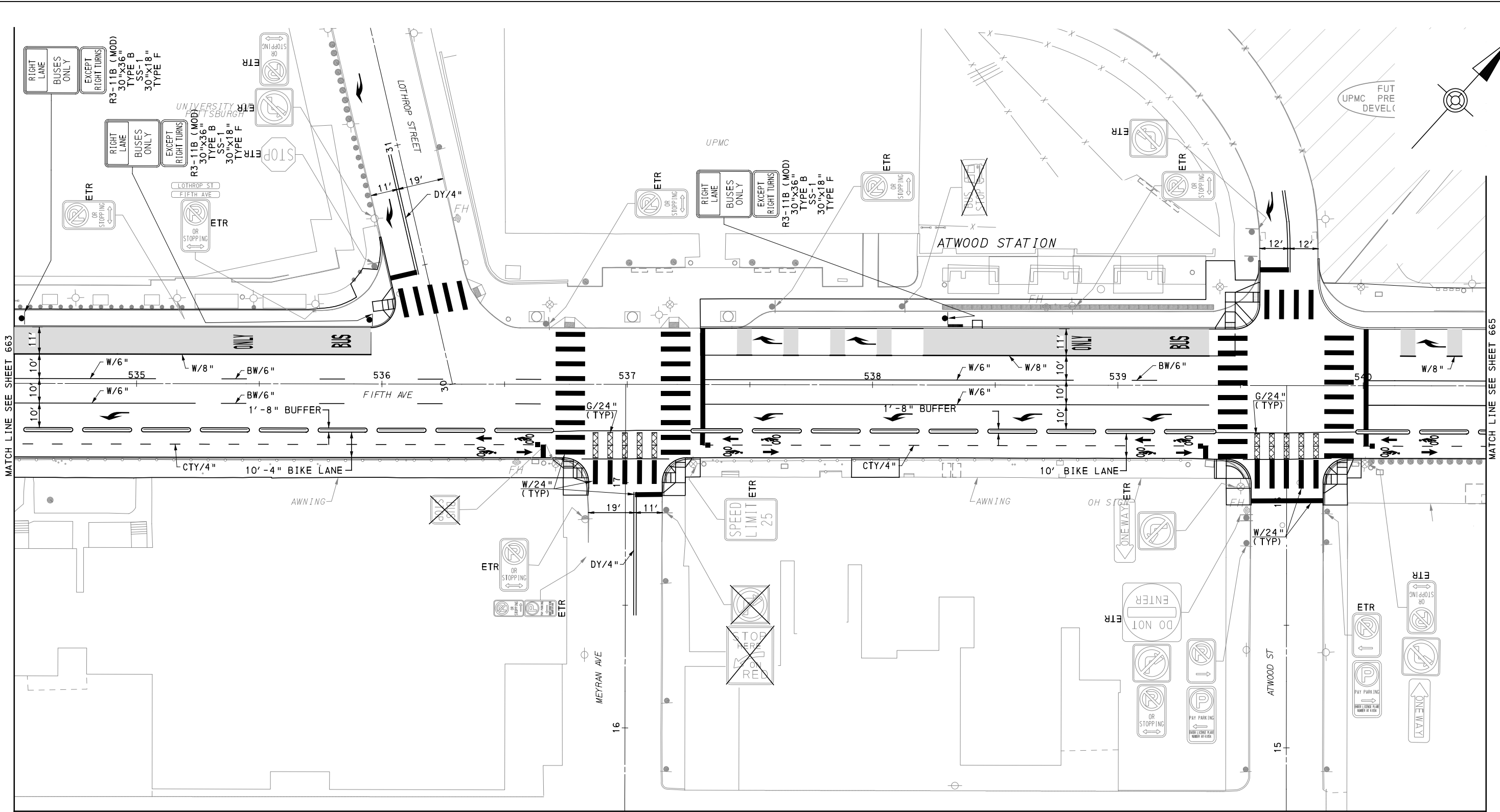
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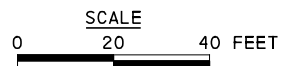
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
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SIGNING & PAVEMENT MARKING PLANS
FIFTH AVE - STA 528+50 TO STA 534+50

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MATCH LINE SEE SHEET 668



FOR ROADWAY PLAN SEE SHEET 376



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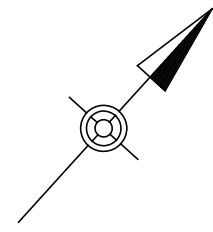
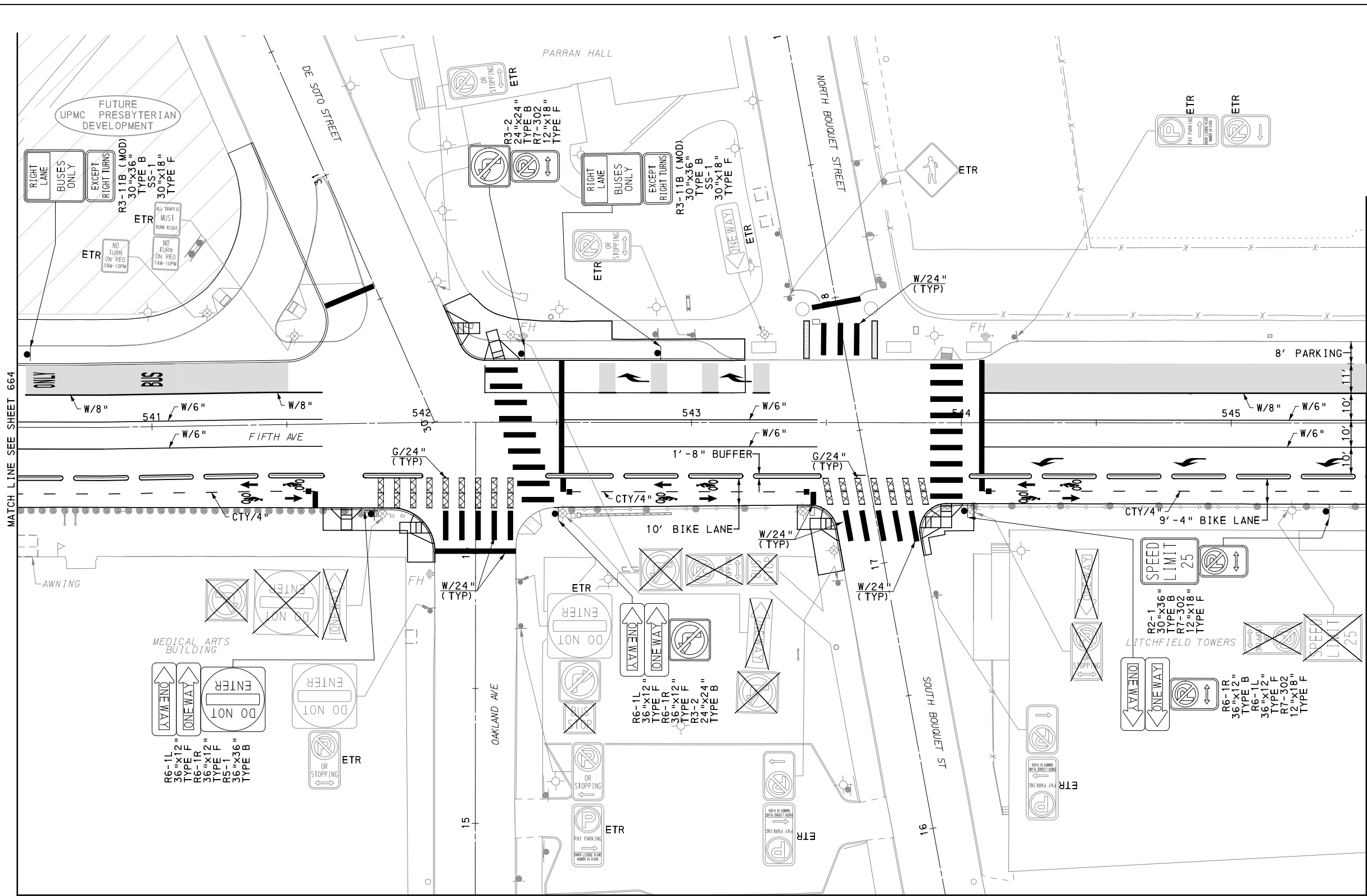
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PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FIFTH AVE - STA 534+50 TO STA 540+50

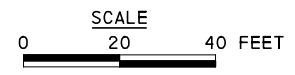
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN61	SHT. 664



MATCH LINE SEE SHEET 664

MATCH LINE SEE SHEET 666

MATCH LINE SEE SHEET 689



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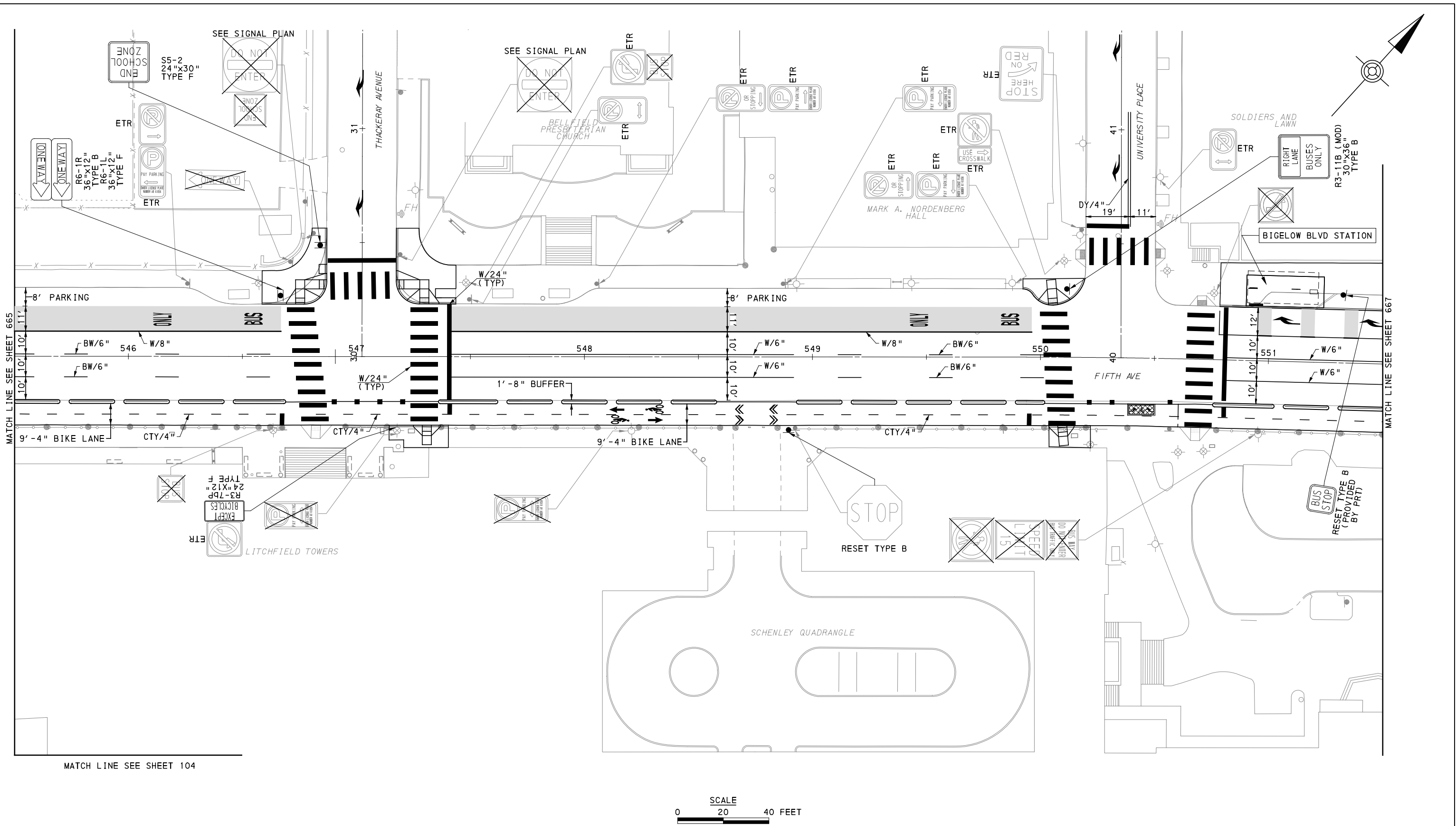
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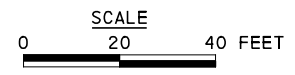
FOR ROADWAY PLAN SEE SHEET 377		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 540+50 TO STA 545+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN62	SHT. 665



MATCH LINE SEE SHEET 665

MATCH LINE SEE SHEET 667

MATCH LINE SEE SHEET 104



[FOR ROADWAY PLAN SEE SHEET 378]

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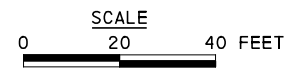
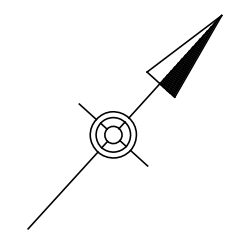
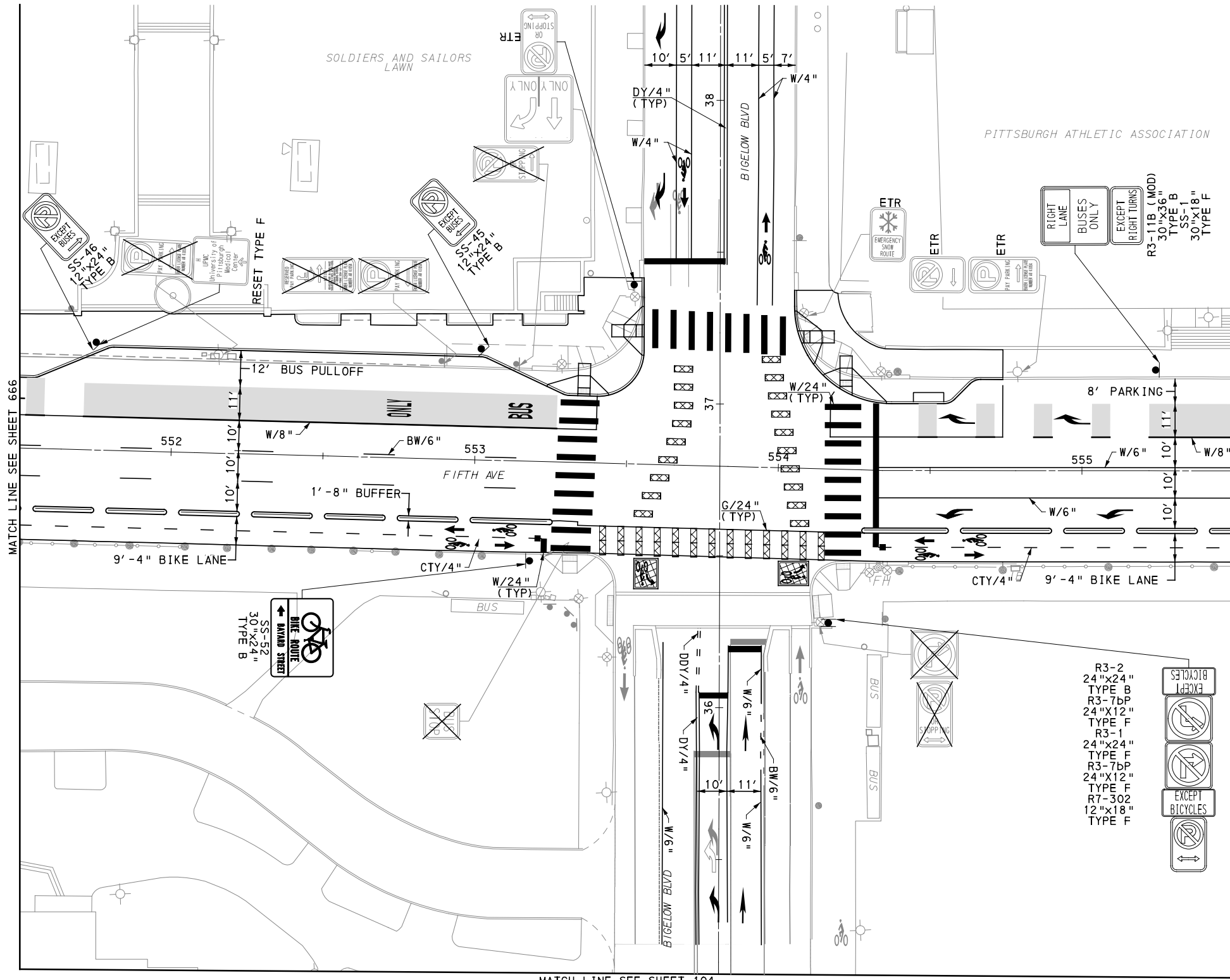
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FIFTH AVE - STA 545+50 TO STA 551+50

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DWG. NO. SN63	SHT. 666



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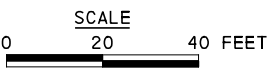
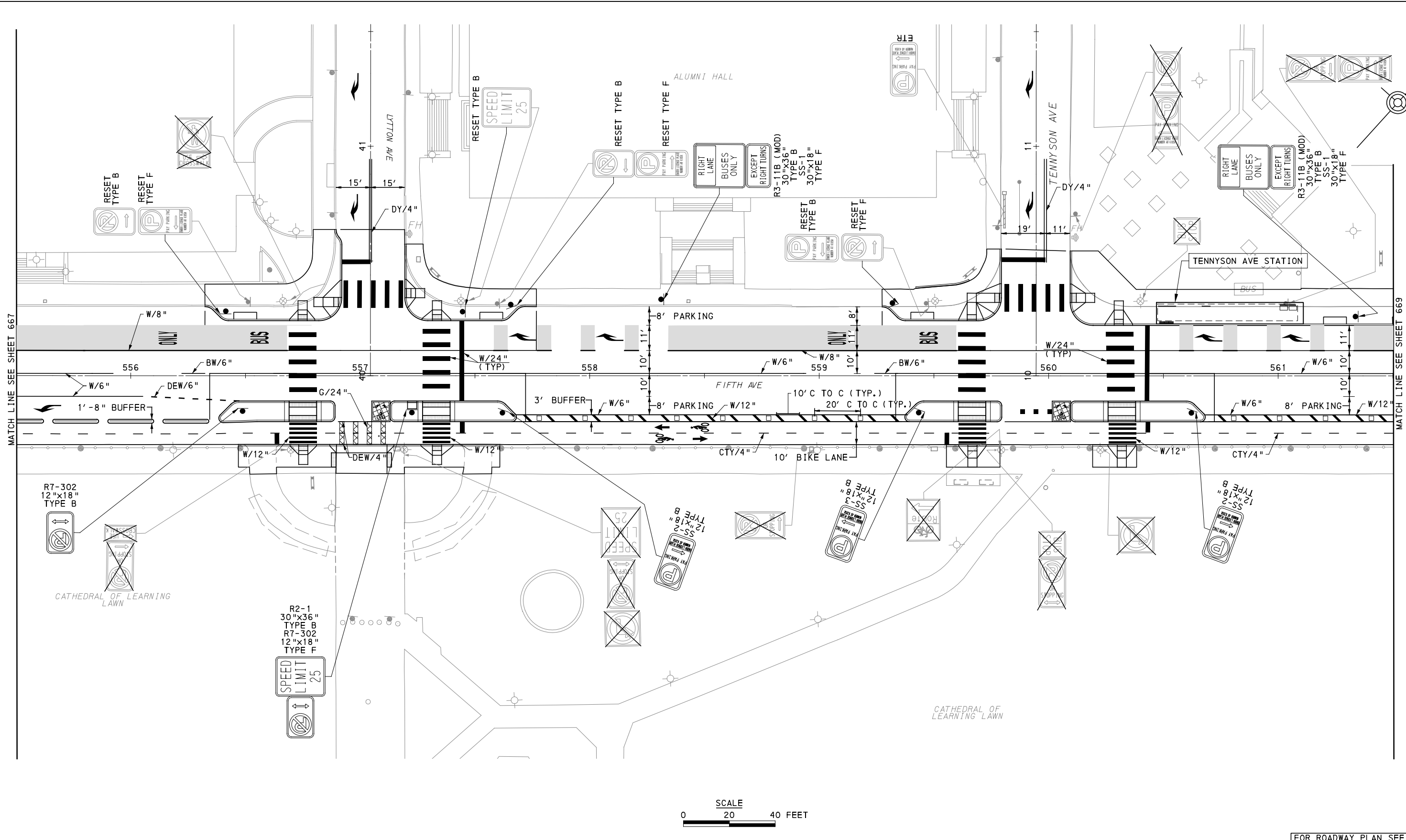
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FOR ROADWAY PLAN SEE SHEET 379		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 551+50 TO STA 555+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN64	SHT. 667



[FOR ROADWAY PLAN SEE SHEET 380]

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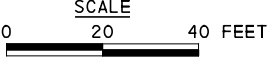
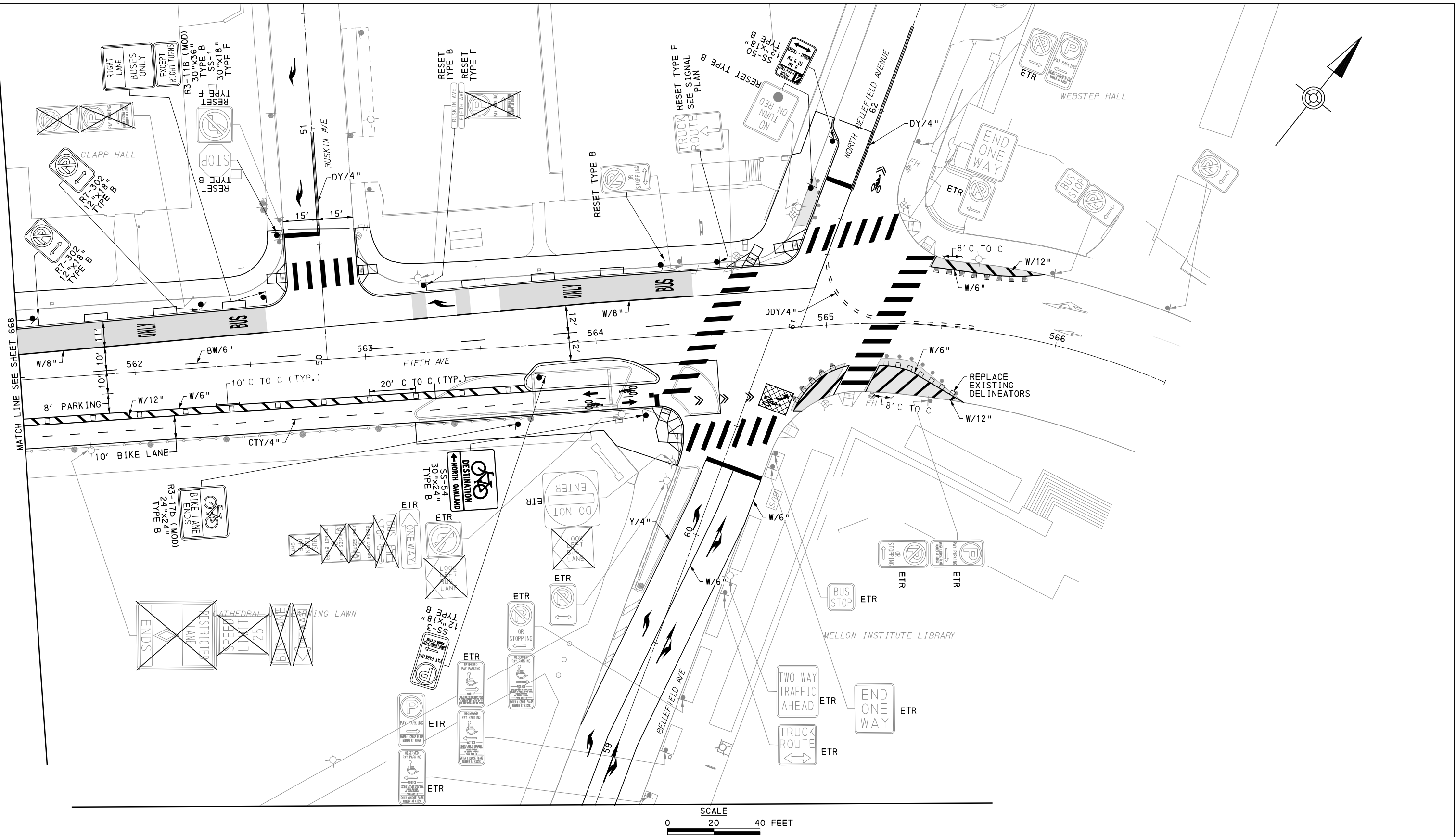
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BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 555+50 TO STA 561+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
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[FOR ROADWAY PLAN SEE SHEET 381]



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MATCH LINE SEE SHEET 694

NO.	DATE	DESCRIPTION

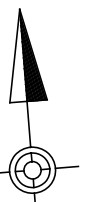
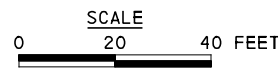
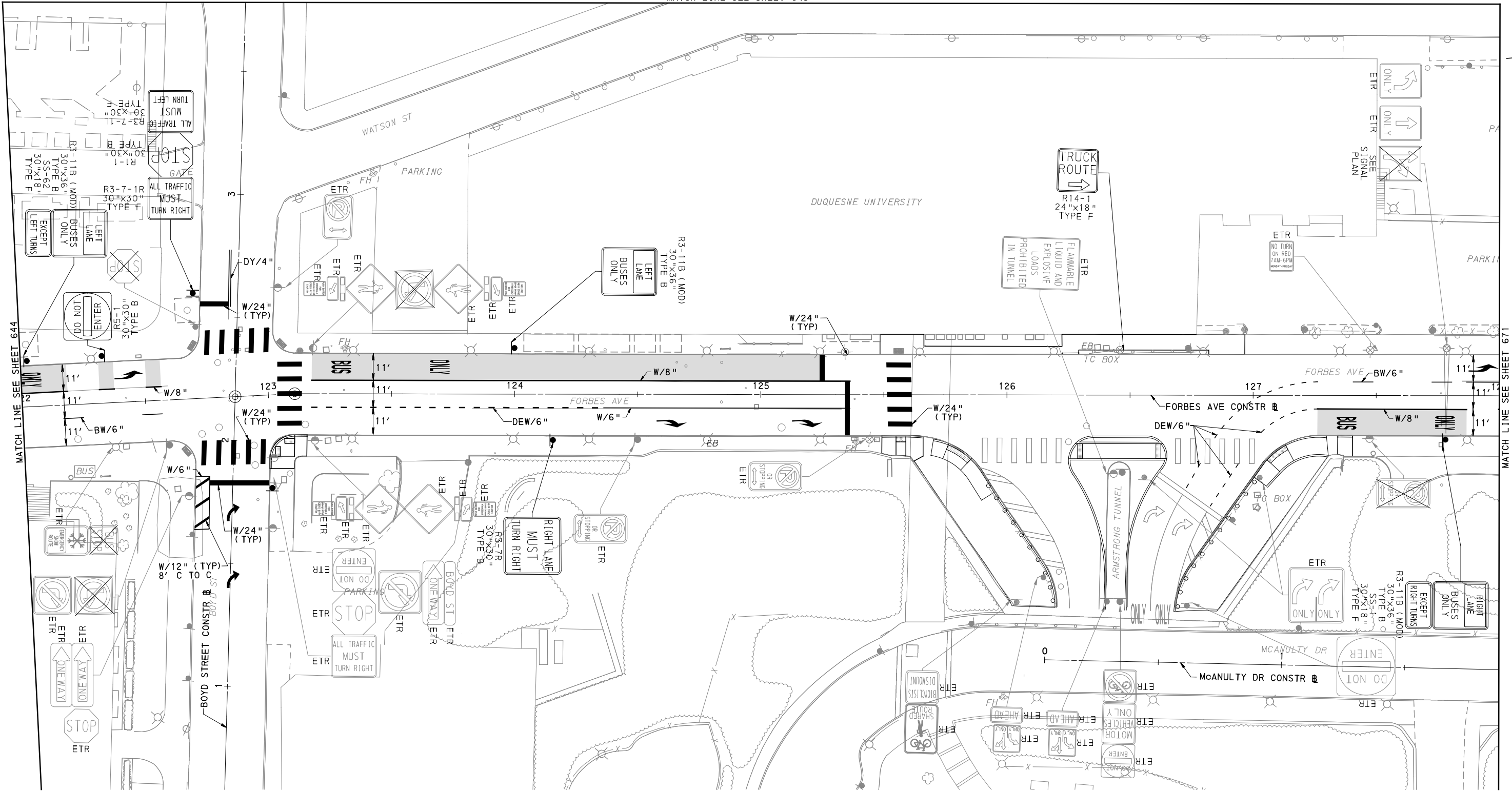
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(NOT FOR CONSTRUCTION)

DESIGNED	DWP
DRAWN	NEJ
CHECKED	AJR
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FIFTH AVE - STA 561+50 TO STA 566+50		
Port Authority connecting people to life	CONTRACT NO. BRT-001	
	DWG. NO. SN66	SHT. 669

MATCH LINE SEE SHEET 645



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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

(FOR ROADWAY PLAN SEE SHEET 383)

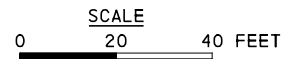
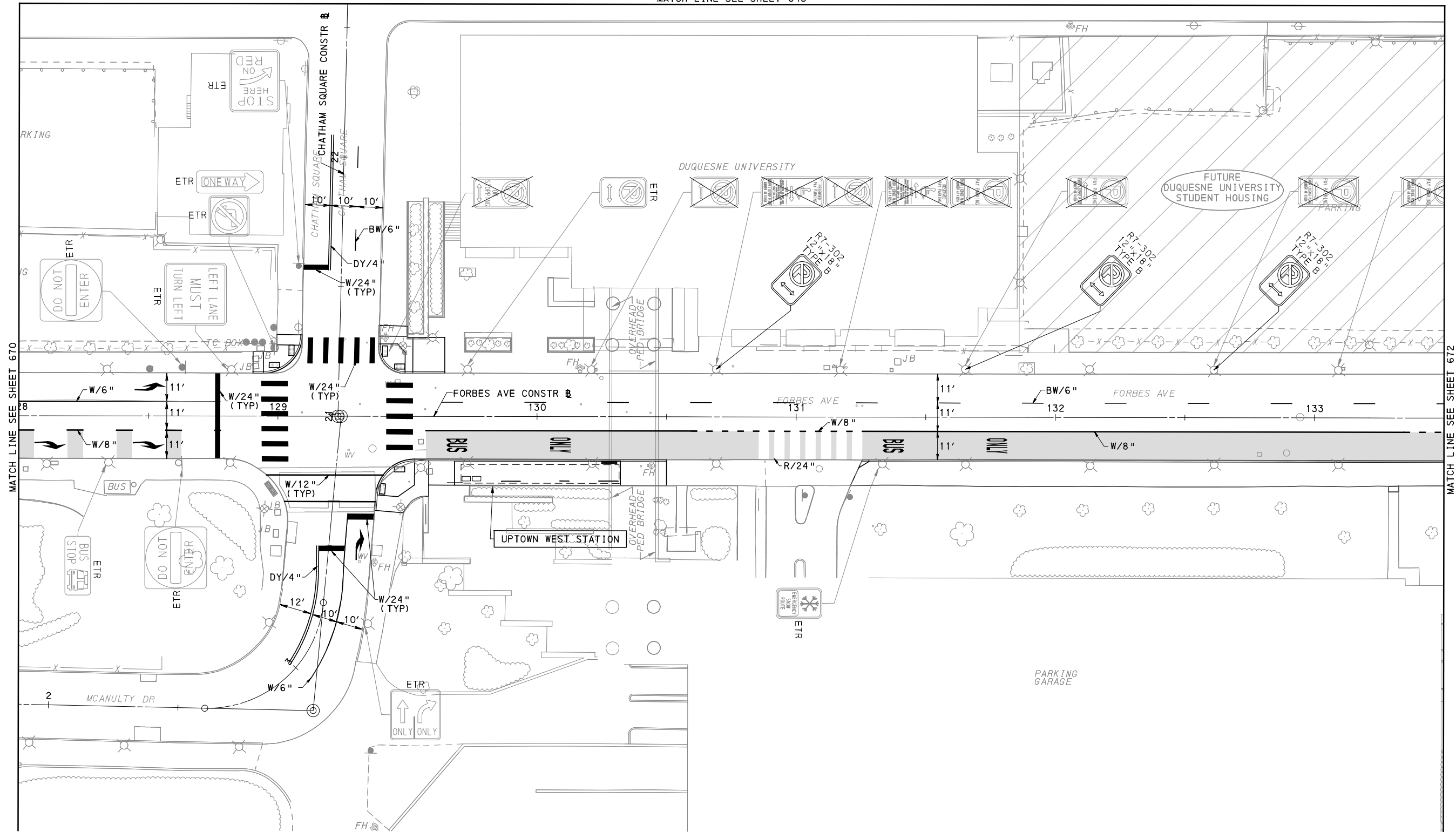
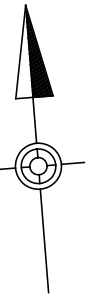
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 122+00 TO STA 128+00

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CONTRACT NO. BRT-001	
DWG. NO. SN67	SHT. 670

MATCH LINE SEE SHEET 646



[FOR ROADWAY PLAN SEE SHEET 384]



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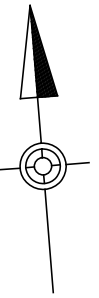
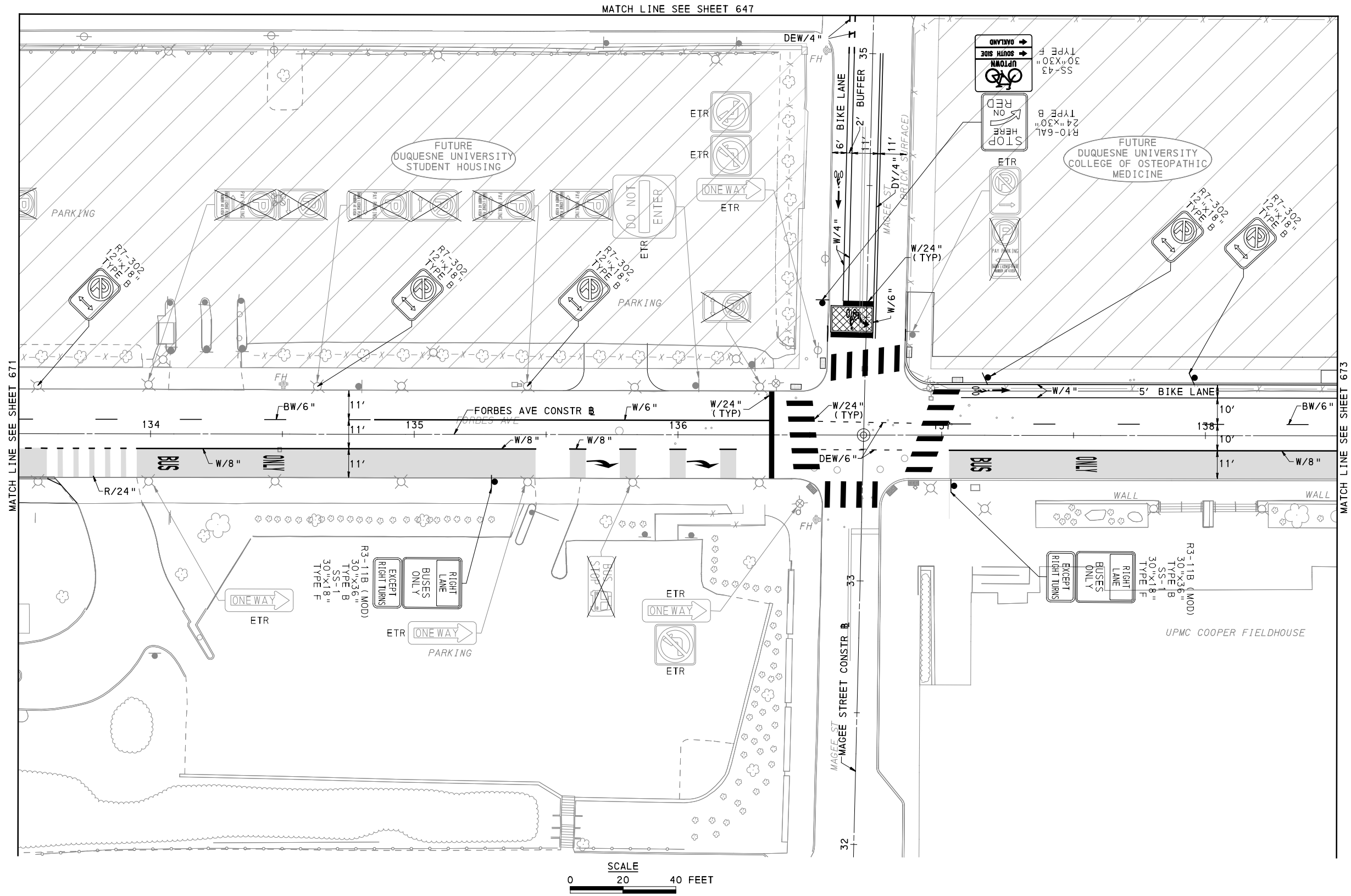
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IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 128+00 TO STA 133+50



CONTRACT NO. BRT-001
DWG. NO. SN68 SHT. 671



MATCH LINE SEE SHEET 647

MATCH LINE SEE SHEET 671

MATCH LINE SEE SHEET 673



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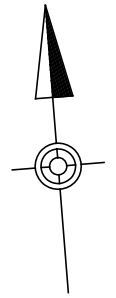
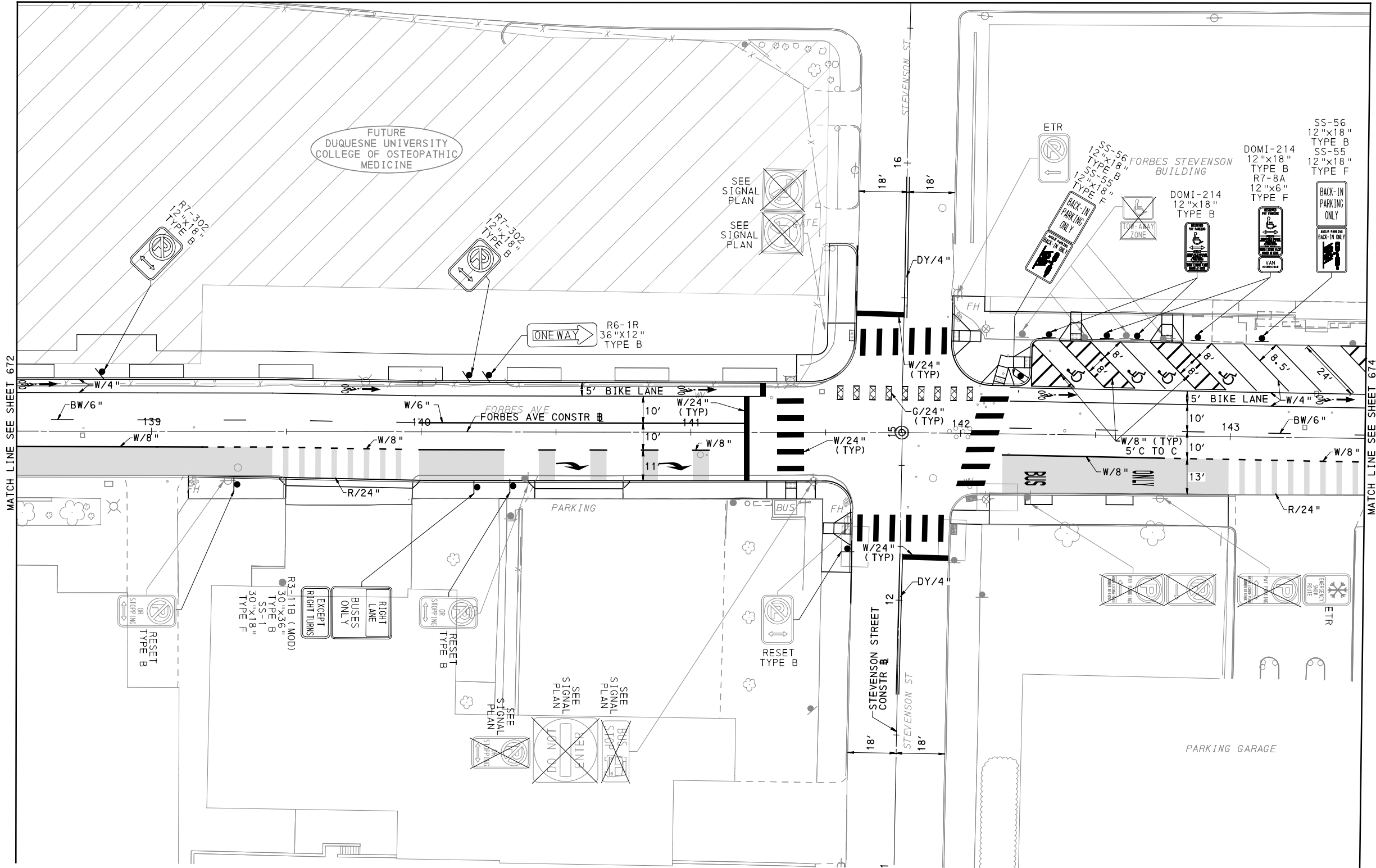
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IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

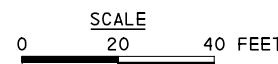
FOR ROADWAY PLAN SEE SHEET 385		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 133+50 TO STA 138+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN69	SHT. 672

MATCH LINE SEE SHEET 648



MATCH LINE SEE SHEET 672

MATCH LINE SEE SHEET 674



(FOR ROADWAY PLAN SEE SHEET 386)

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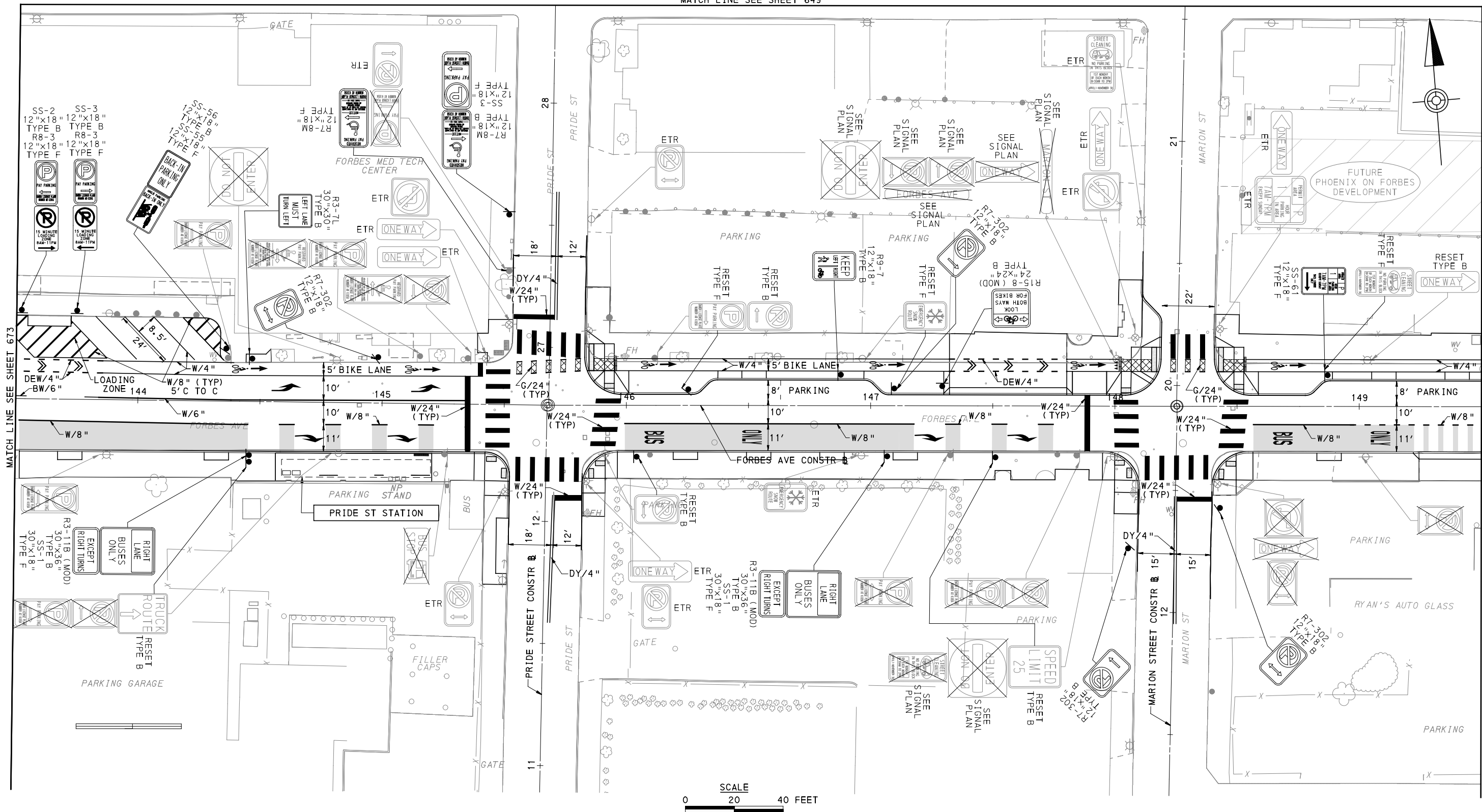
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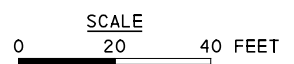
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 138+50 TO STA 143+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. SN70 SHT. 673

MATCH LINE SEE SHEET 649



MATCH LINE SEE SHEET 673

MATCH LINE SEE SHEET 675



[FOR ROADWAY PLAN SEE SHEET 387]

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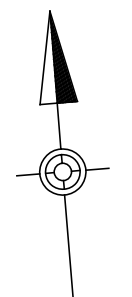
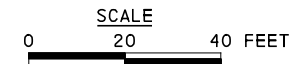
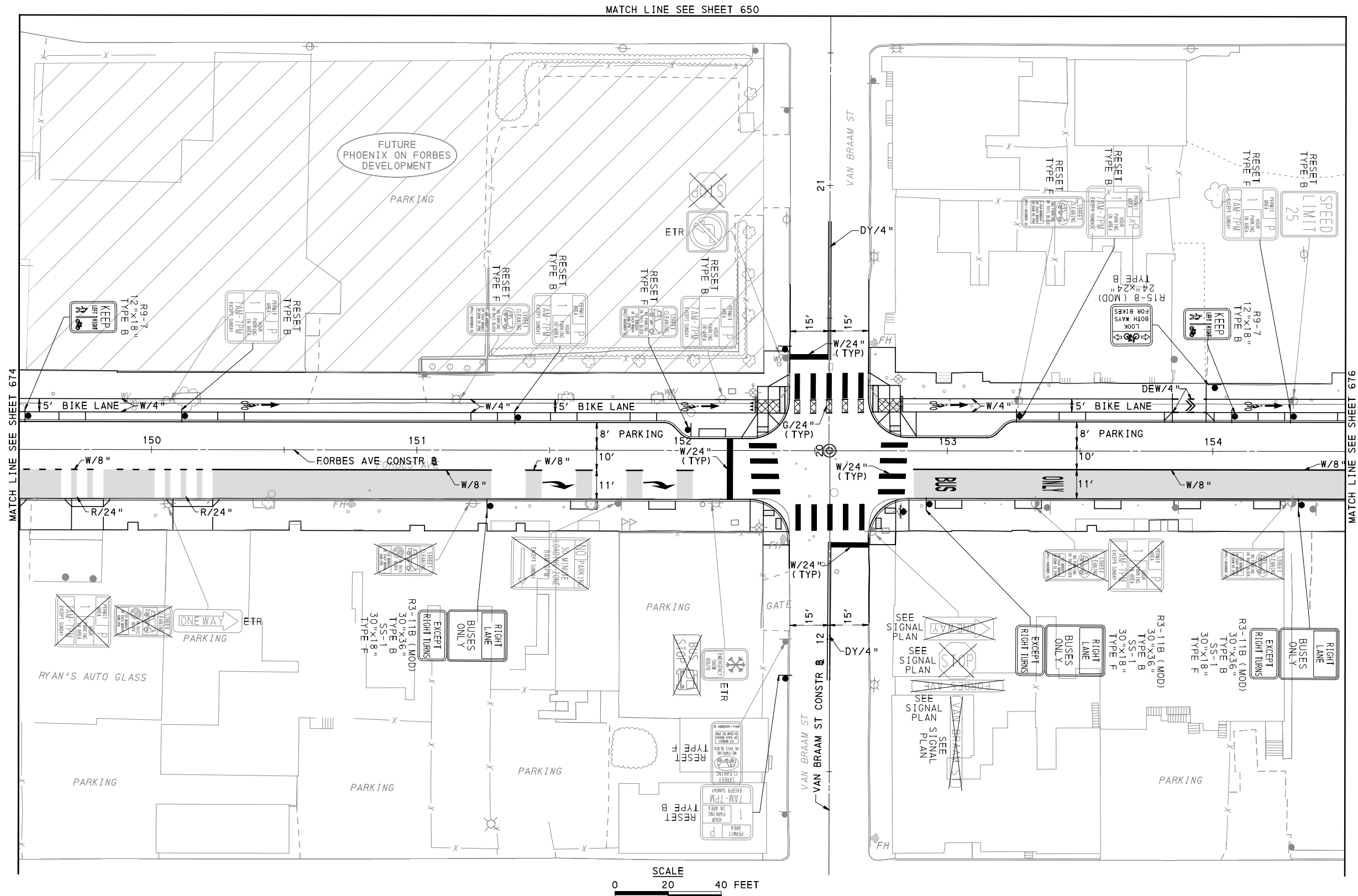
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IN CHARGE	GEC
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 143+50 TO STA 149+50

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CONTRACT NO. BRT-001	
DWG. NO. SN71	SHT. 674



MATCH LINE SEE SHEET 650

MATCH LINE SEE SHEET 674

MATCH LINE SEE SHEET 676

FOR ROADWAY PLAN SEE SHEET 388



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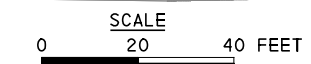
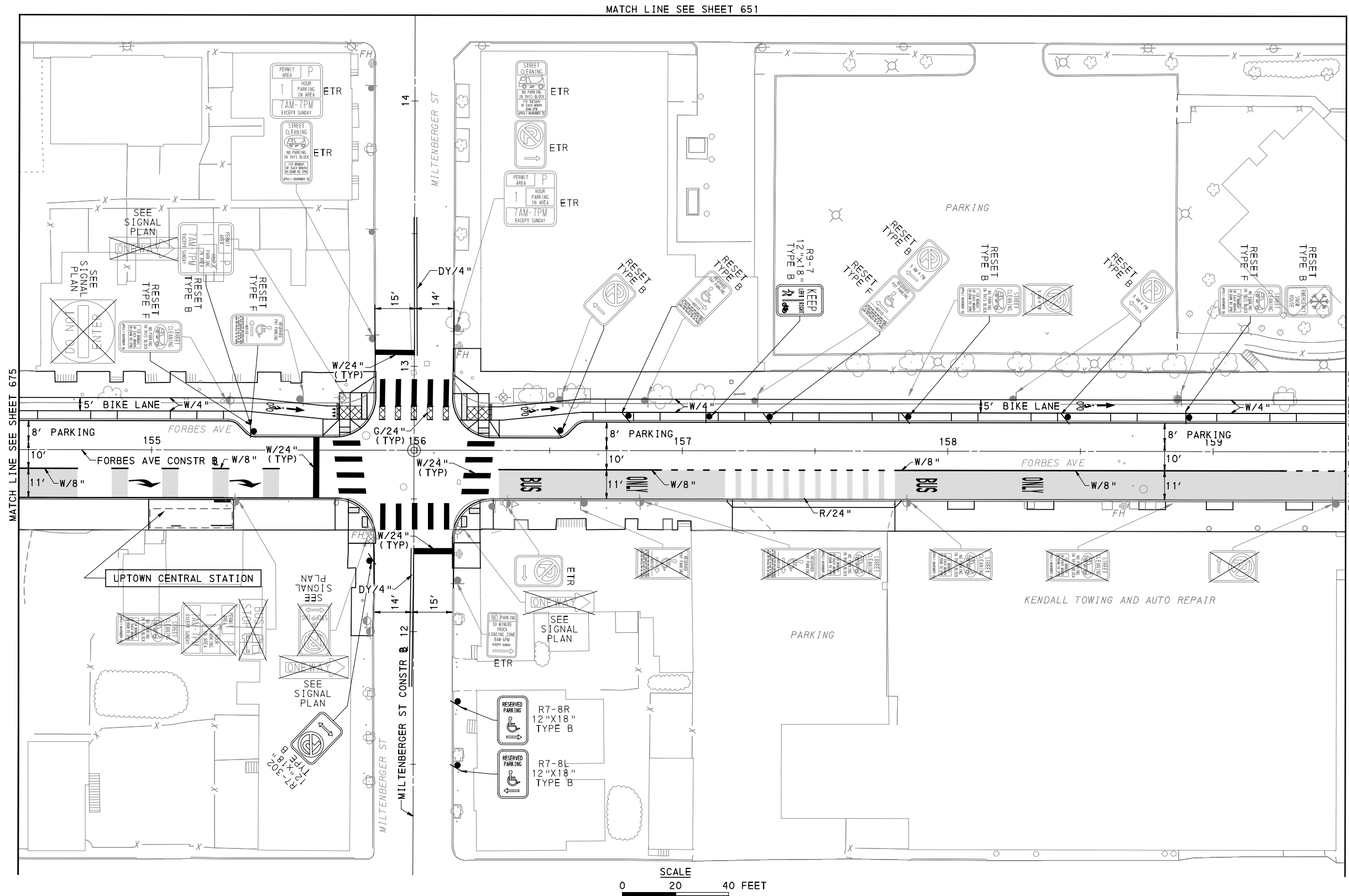
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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 149+50 TO STA 154+50



CONTRACT NO. BRT-001	
DWG. NO.	SN72
SHT.	675



[FOR ROADWAY PLAN SEE SHEET 389]

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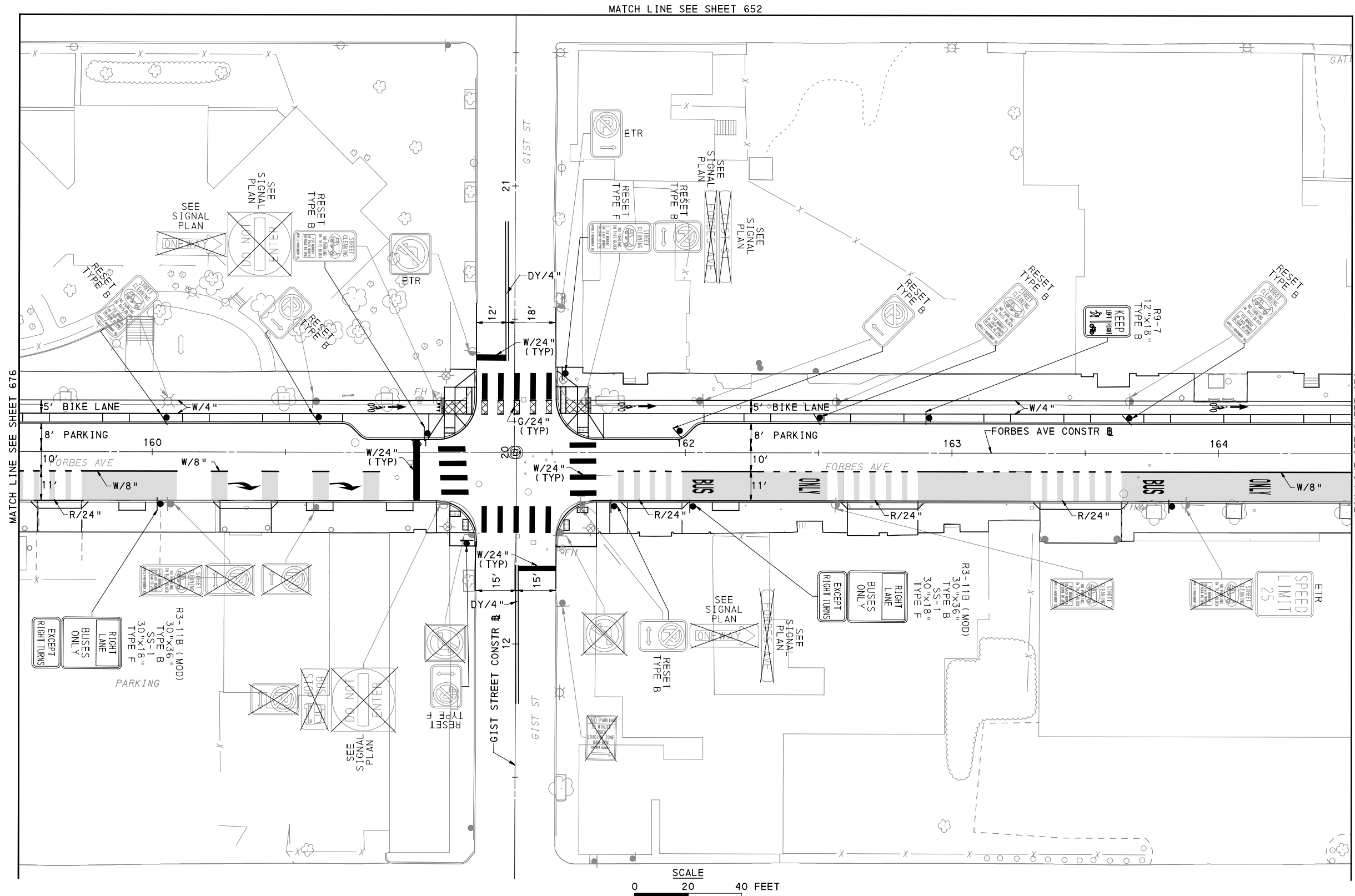
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(NOT FOR CONSTRUCTION)

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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

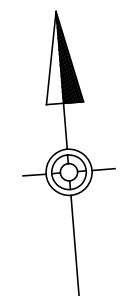
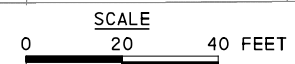
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 154+50 TO STA 159+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. SN73 SHT. 676



MATCH LINE SEE SHEET 652

MATCH LINE SEE SHEET 676

MATCH LINE SEE SHEET 678



[FOR ROADWAY PLAN SEE SHEET 390]

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Pittsburgh, PA. 15220

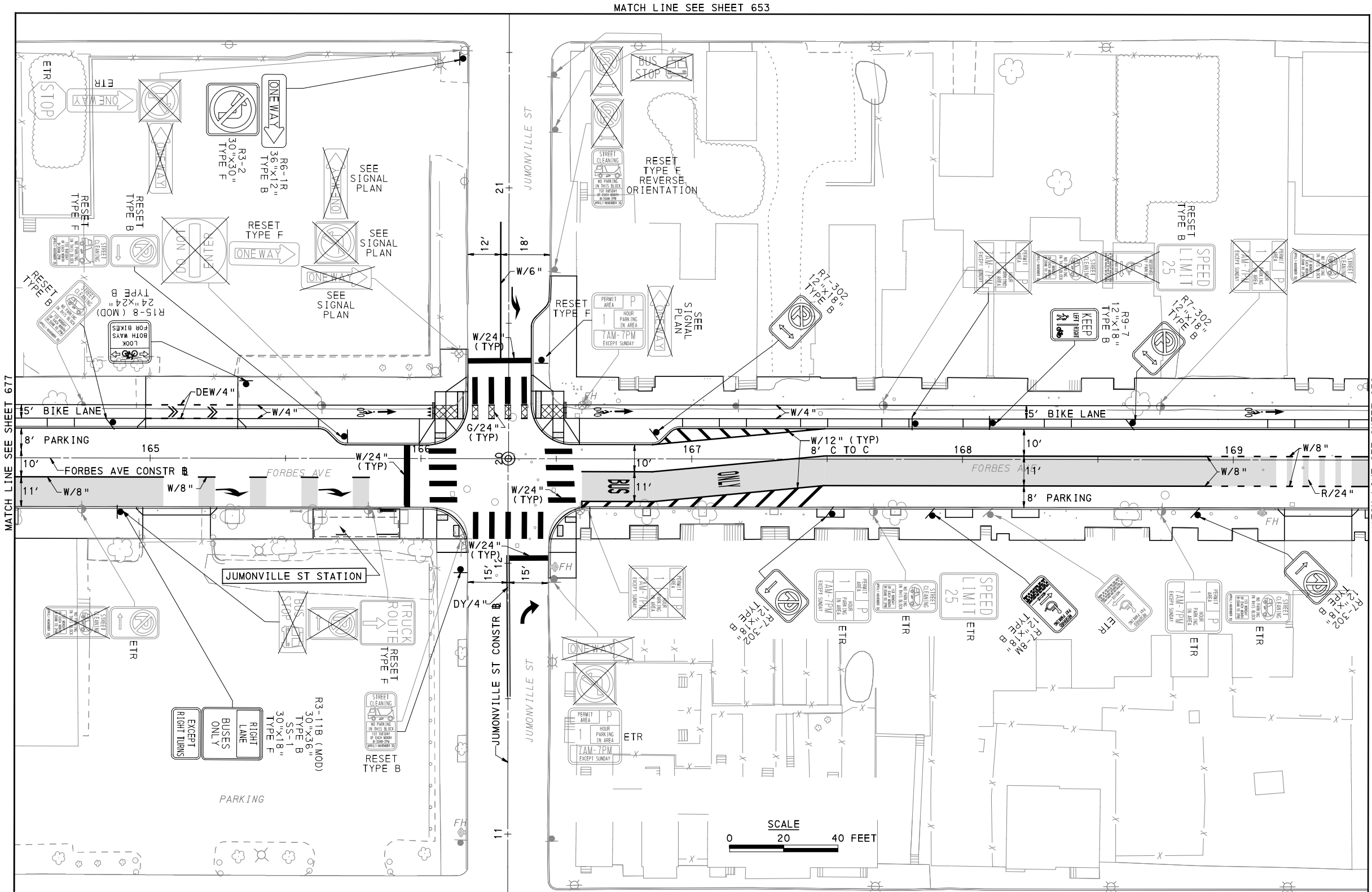
NO.	DATE	DESCRIPTION
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 159+50 TO STA 164+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. SN74 SHT. 677



MATCH LINE SEE SHEET 653

MATCH LINE SEE SHEET 677

MATCH LINE SEE SHEET 679

FOR ROADWAY PLAN SEE SHEET 391



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CHECKED	MRK
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

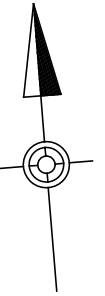
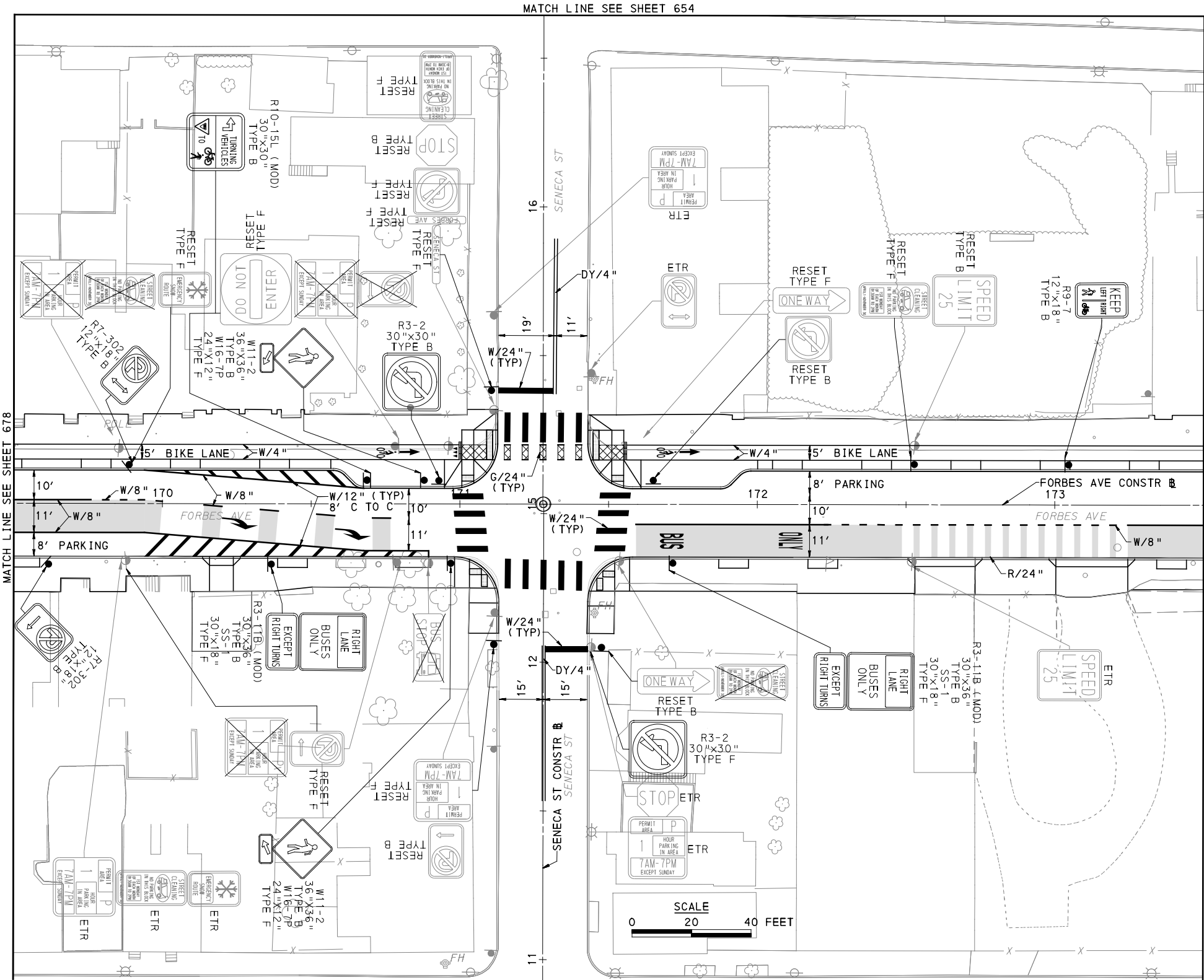
BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 164+50 TO STA 169+50



CONTRACT NO. BRT-001

DWG. NO. SN75

SHT. 678



[FOR ROADWAY PLAN SEE SHEET 392]



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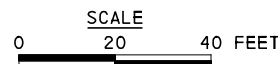
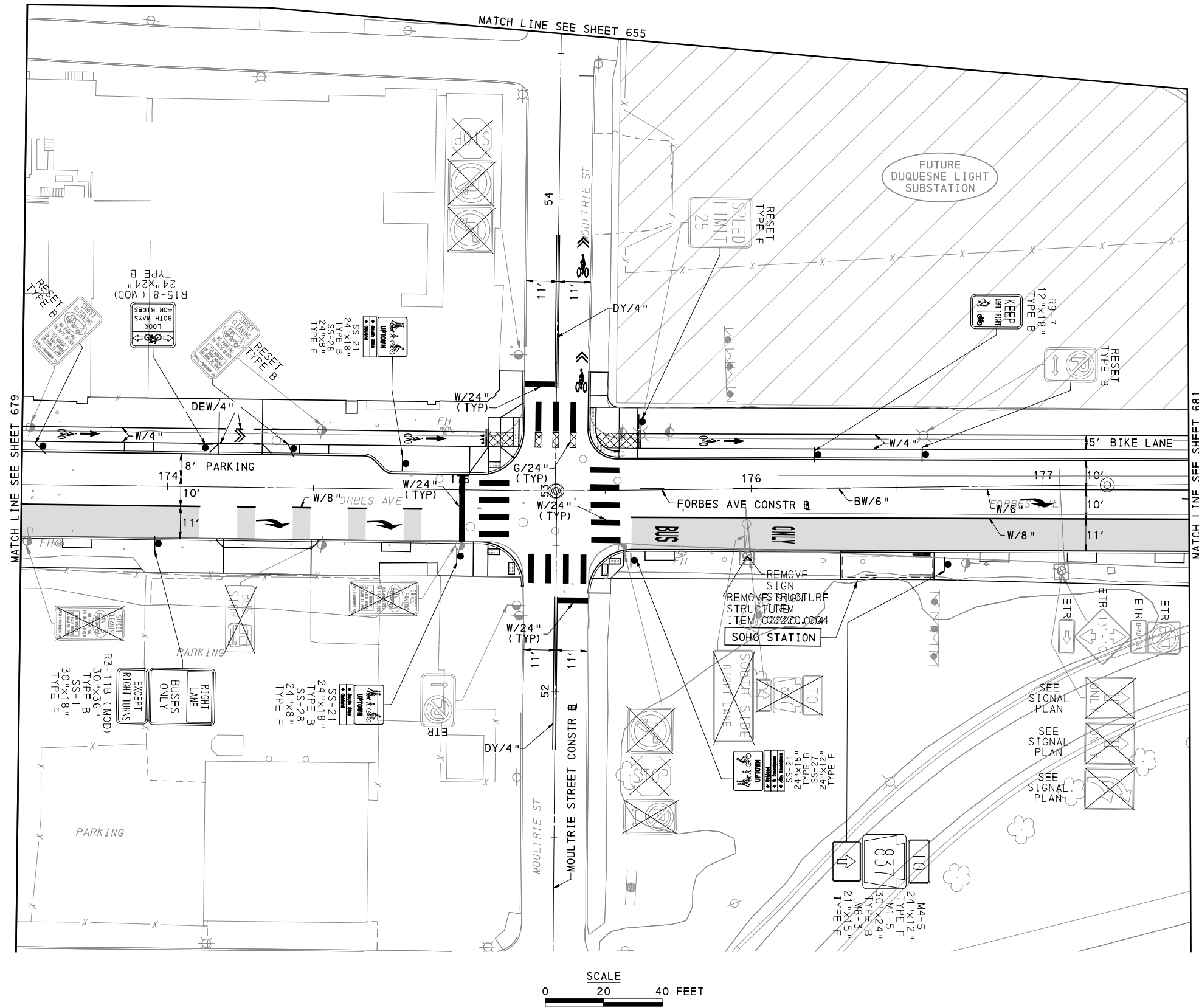
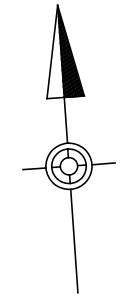
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CHECKED	MRK
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FORBES AVE - STA 169+50 TO STA 173+50



CONTRACT NO. BRT-001
 DWG. NO. SN76 SHT. 679



[FOR ROADWAY PLAN SEE SHEET 393]



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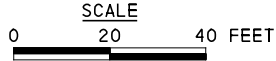
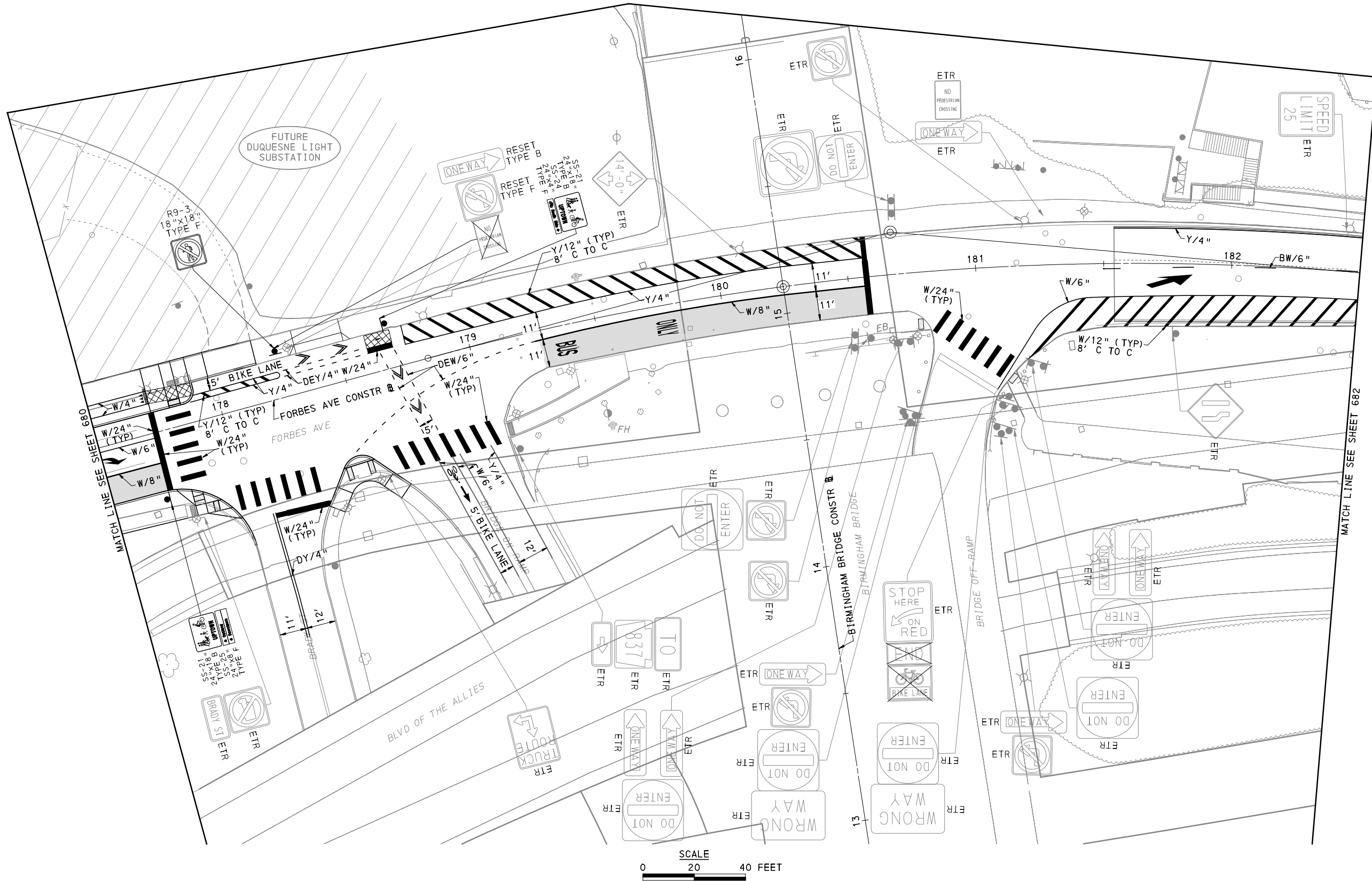
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IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 173+50 TO STA 177+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN77	SHT. 680



FOR ROADWAY PLAN SEE SHEET 394



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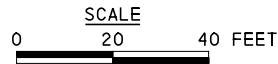
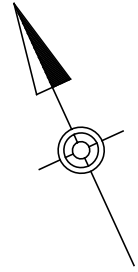
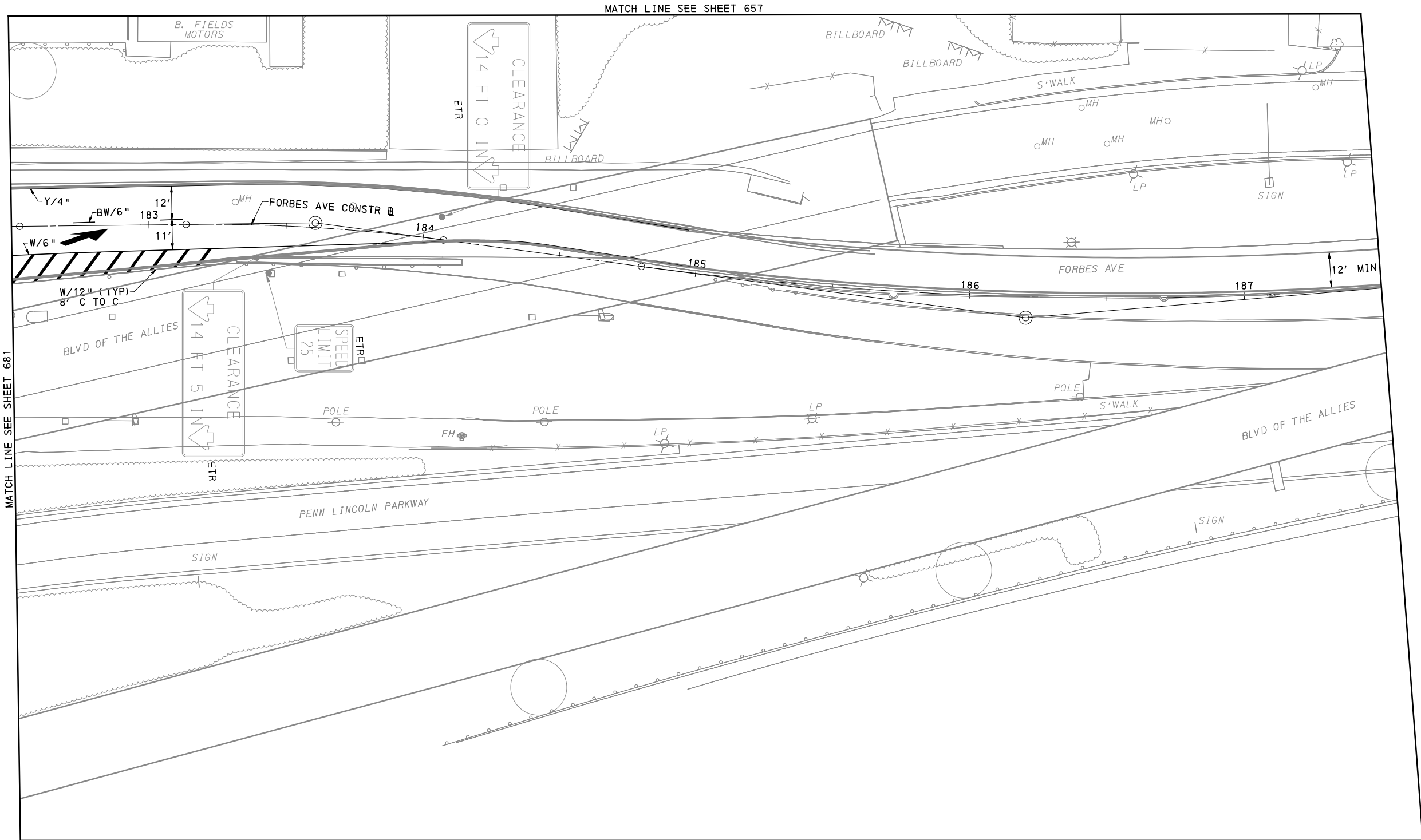
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DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 177+50 TO STA 182+50

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CONTRACT NO. BRT-001	
DWG. NO. SN78	SHT. 681



[FOR ROADWAY PLAN SEE SHEET NA



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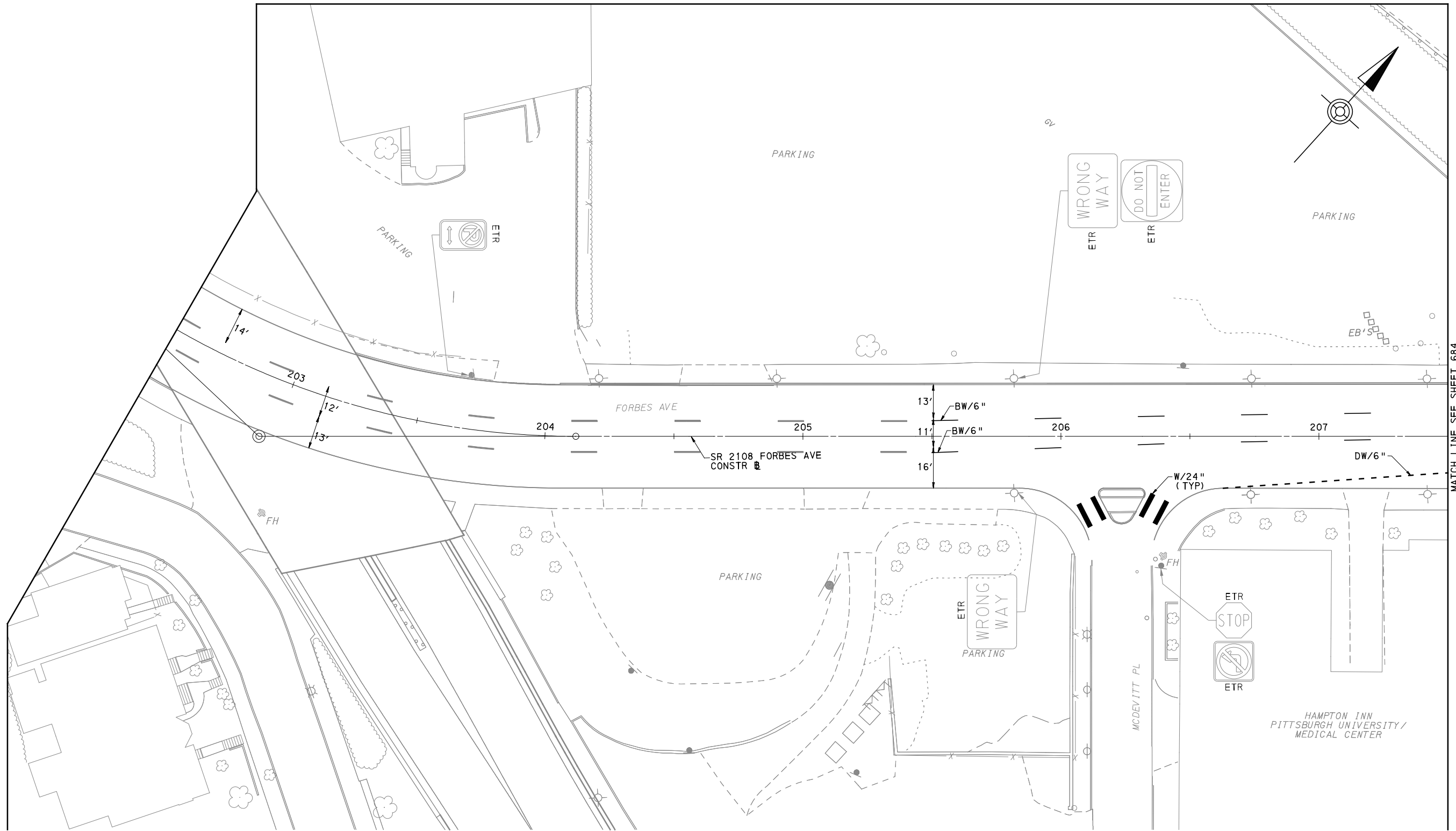
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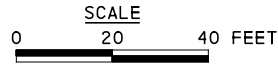
(NOT FOR CONSTRUCTION)

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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 182+50 TO STA 187+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. SN79 SHT. 682



MATCH LINE SEE SHEET 684



(FOR ROADWAY PLAN SEE SHEET NA)

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REVISIONS		

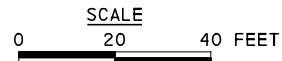
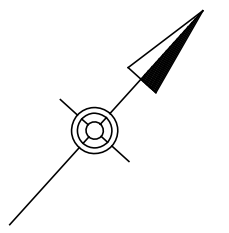
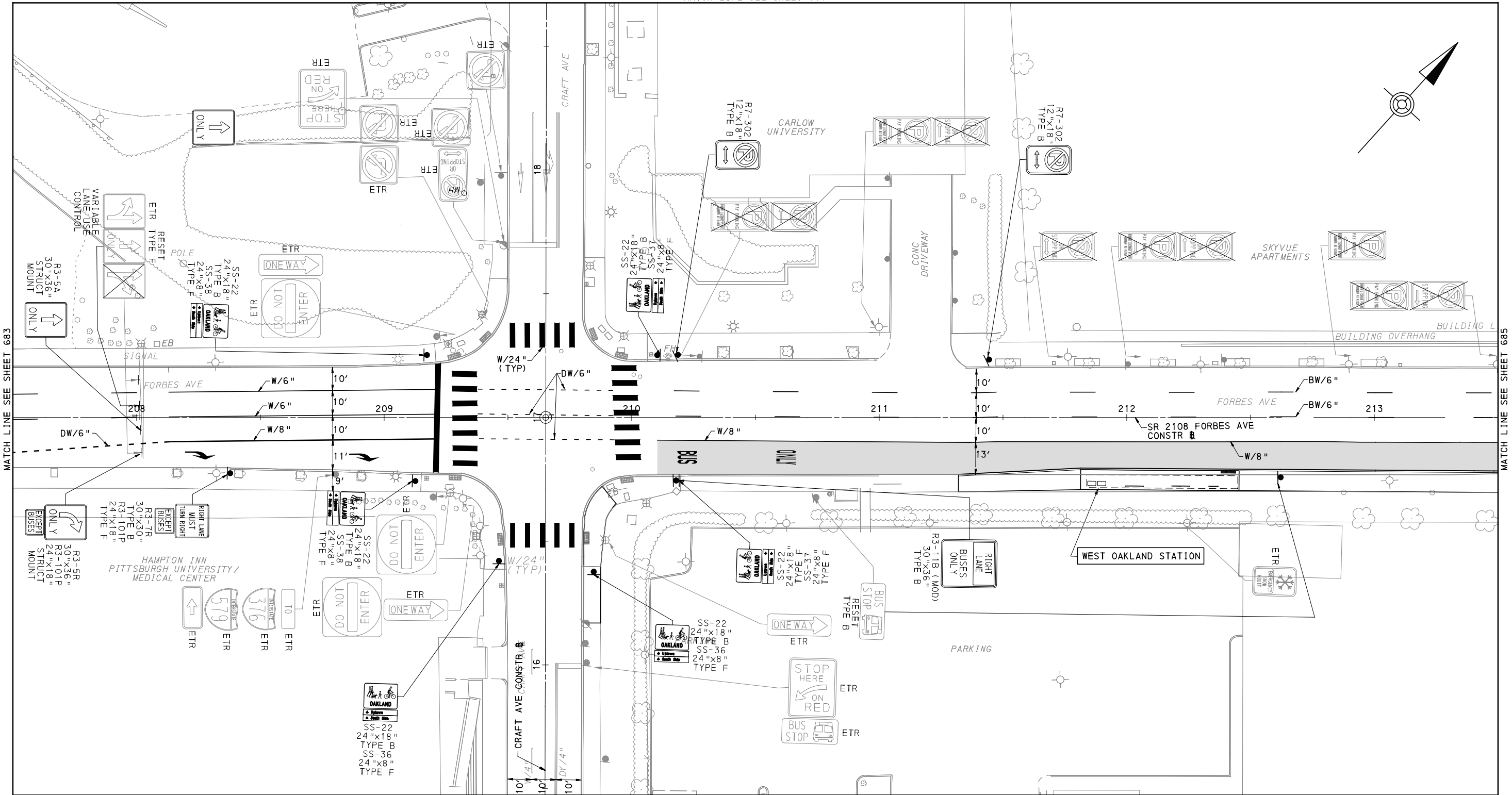
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(NOT FOR CONSTRUCTION)

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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 202+50 TO STA 207+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. SN80 SHT. 683

MATCH LINE SEE SHEET 661



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Pittsburgh, PA 15219



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Foster Plaza 8
Suite 400
730 Holiday Drive
Pittsburgh, PA. 15220

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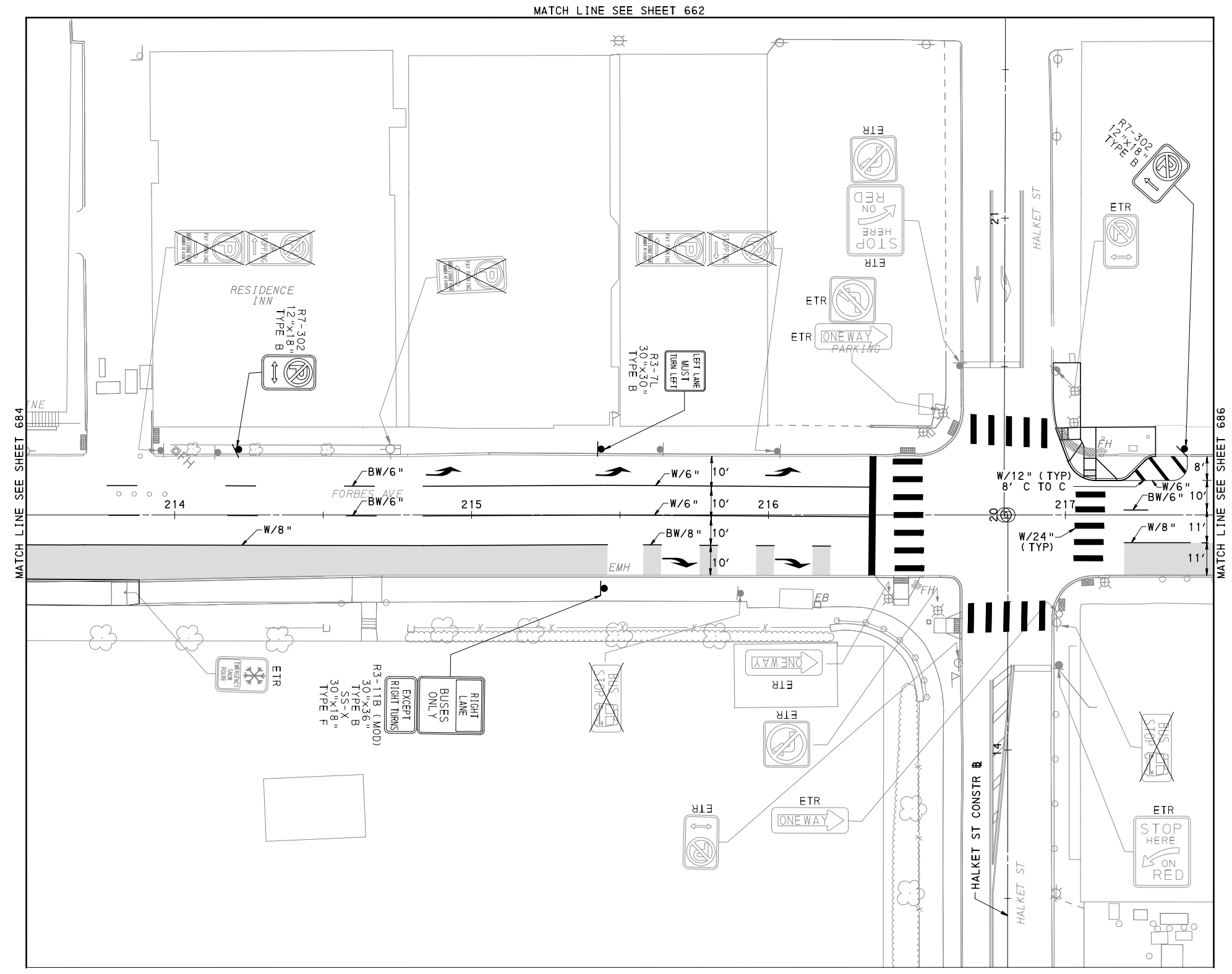
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SCALE	AS SHOWN

FOR ROADWAY PLAN SEE SHEET 395
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 207+50 TO STA 213+50

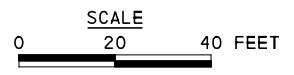
Port Authority connecting people to life™	CONTRACT NO. BRT-001	
	DWG. NO. SN81	SHT. 684



MATCH LINE SEE SHEET 662

MATCH LINE SEE SHEET 684

MATCH LINE SEE SHEET 686



FOR ROADWAY PLAN SEE SHEET 396

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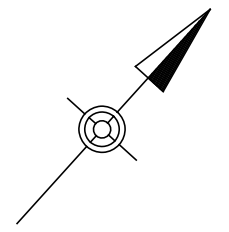
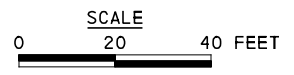
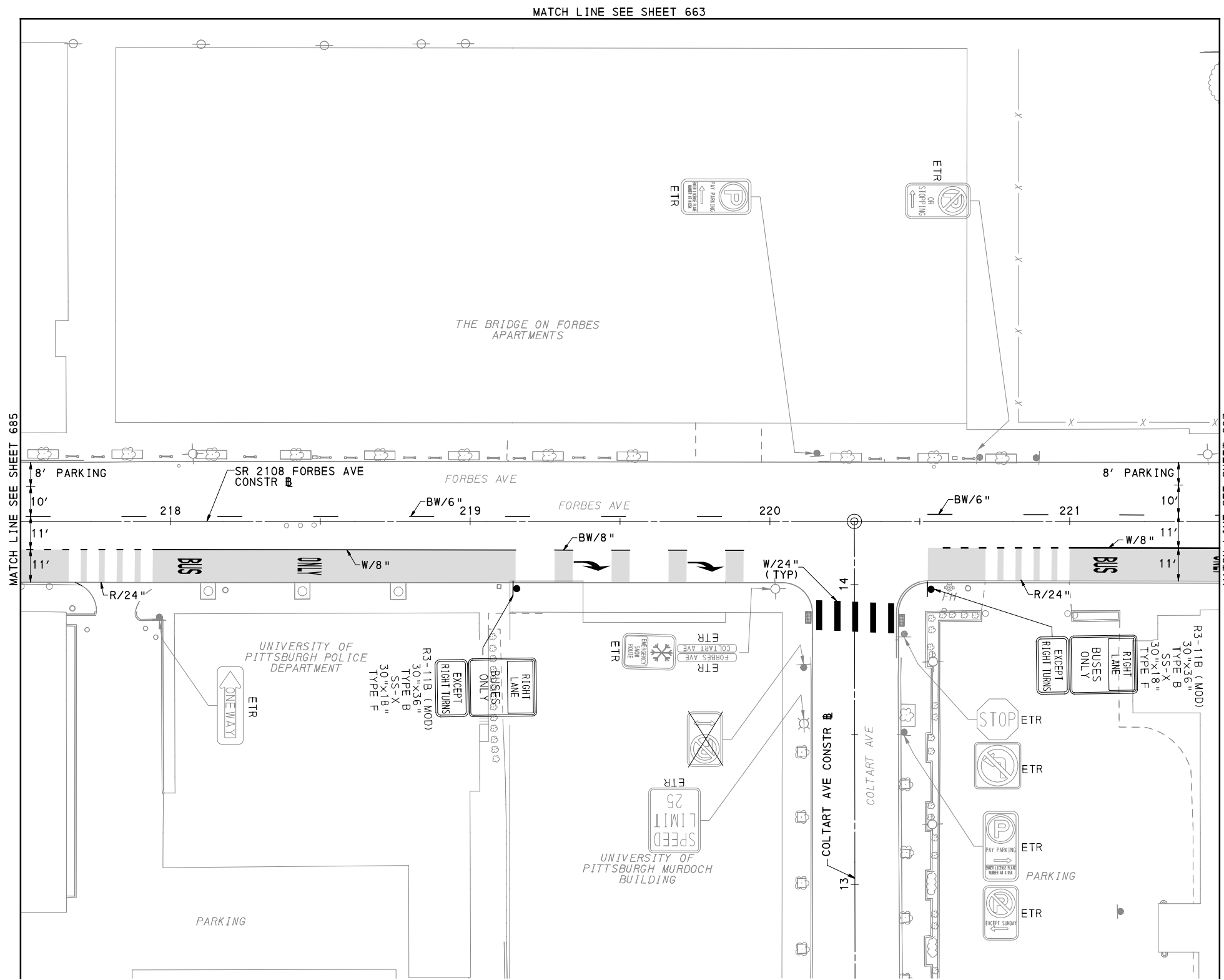
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 213+50 TO STA 217+50		
Port Authority <small>connecting people to life</small>		CONTRACT NO. BRT-001
DWG. NO.	SN82	SHT. 685



MATCH LINE SEE SHEET 685

MATCH LINE SEE SHEET 687

MATCH LINE SEE SHEET 663

(FOR ROADWAY PLAN SEE SHEET NA)

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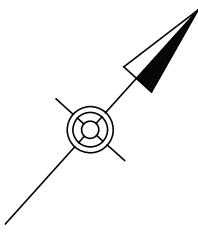
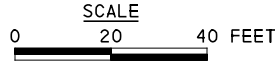
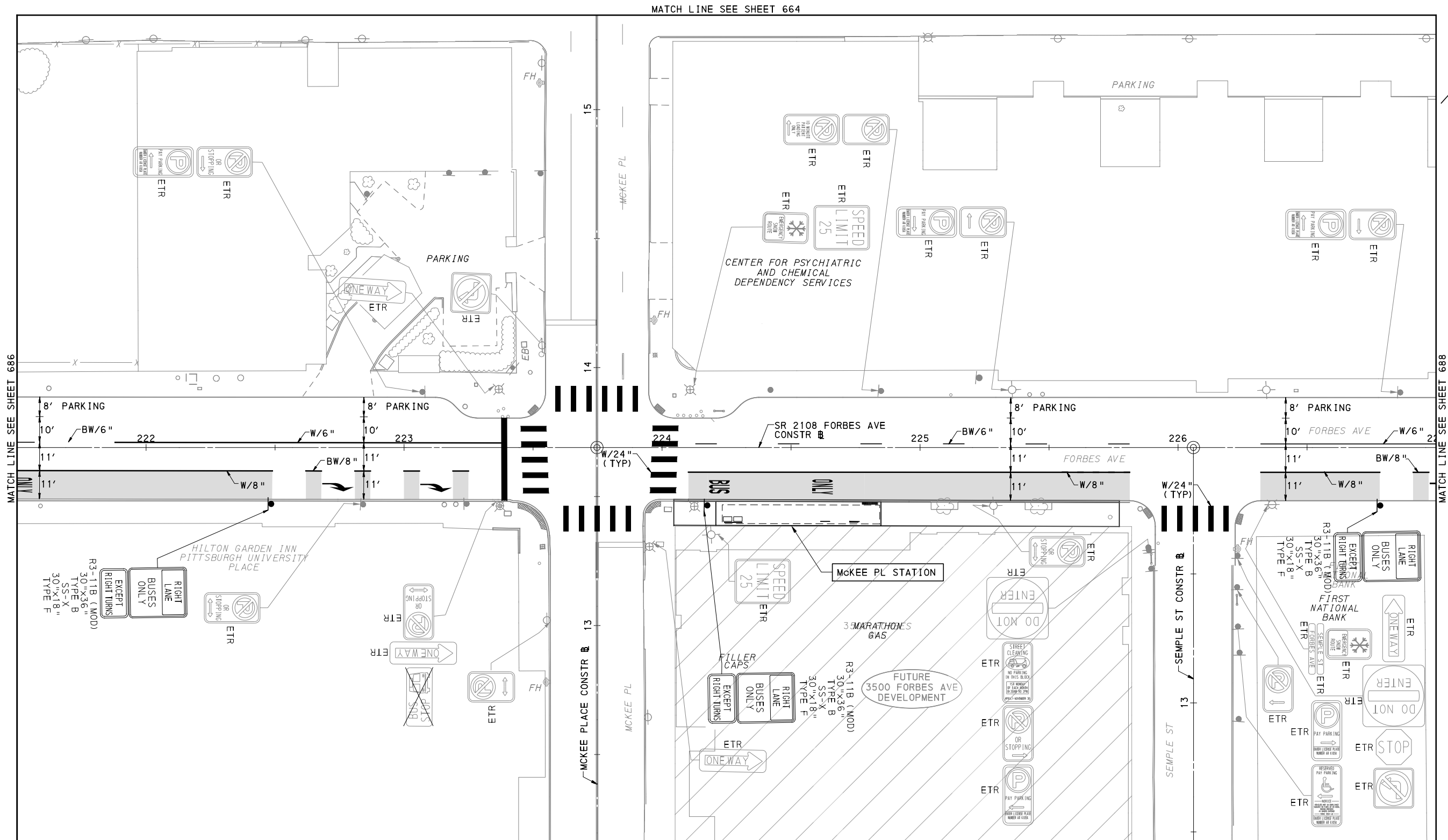
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FORBES AVE - STA 217+50 TO STA 221+50

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CONTRACT NO. BRT-001	
DWG. NO. SN83	SHT. 686



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SCALE	AS SHOWN

(FOR ROADWAY PLAN SEE SHEET 397)

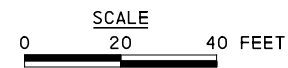
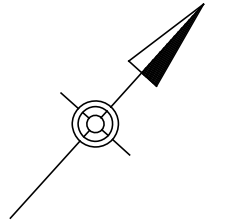
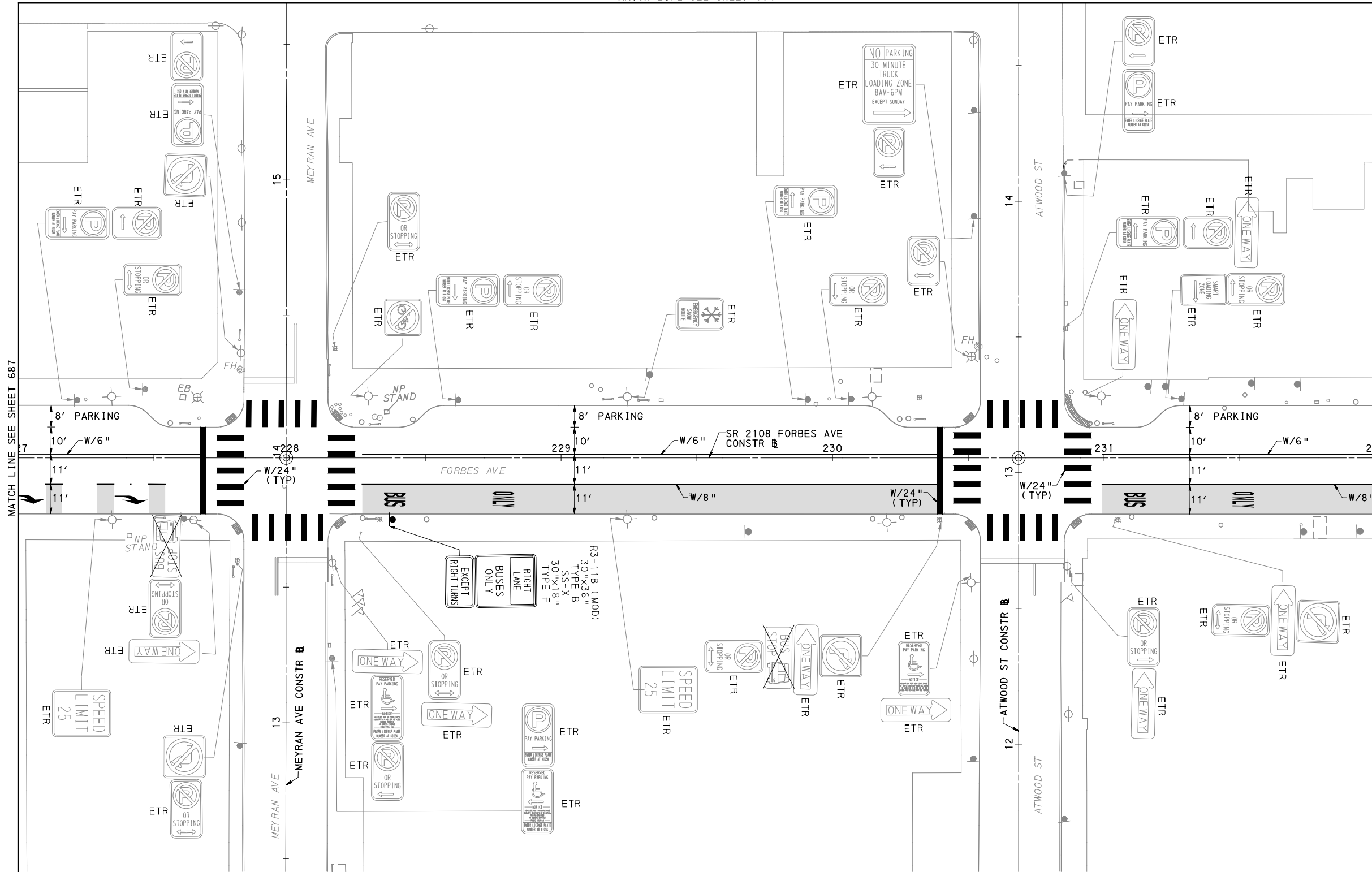
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FORBES AVE - STA 221+50 TO STA 227+00

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CONTRACT NO. BRT-001	
DWG. NO. SN84	SHT. 687

MATCH LINE SEE SHEET 664



FOR ROADWAY PLAN SEE SHEET 398



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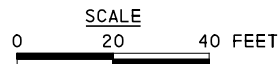
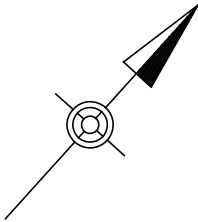
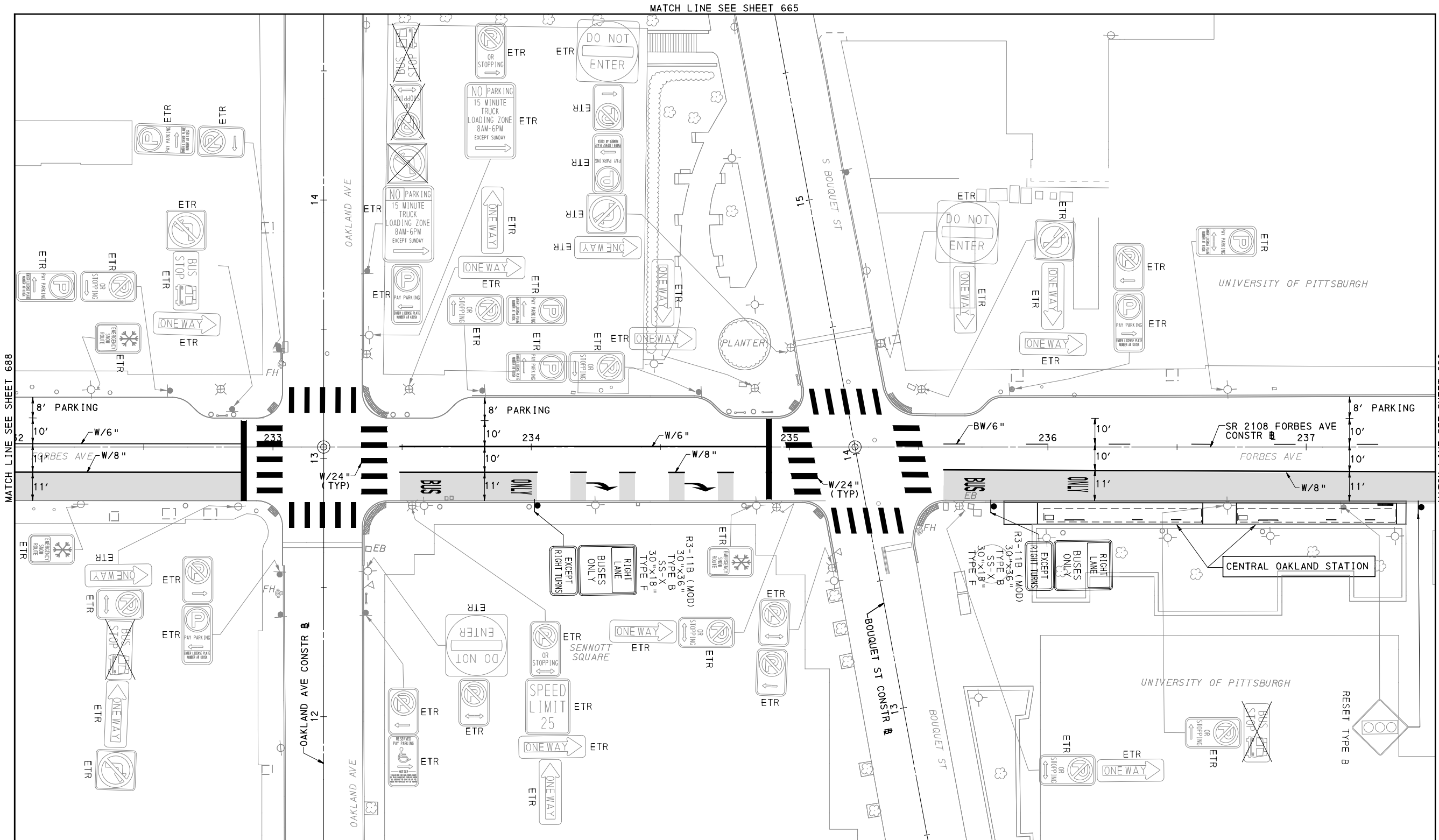
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 227+00 TO STA 232+00



CONTRACT NO. BRT-001

DWG. NO. SN85 SHT. 688



[FOR ROADWAY PLAN SEE SHEET 399]

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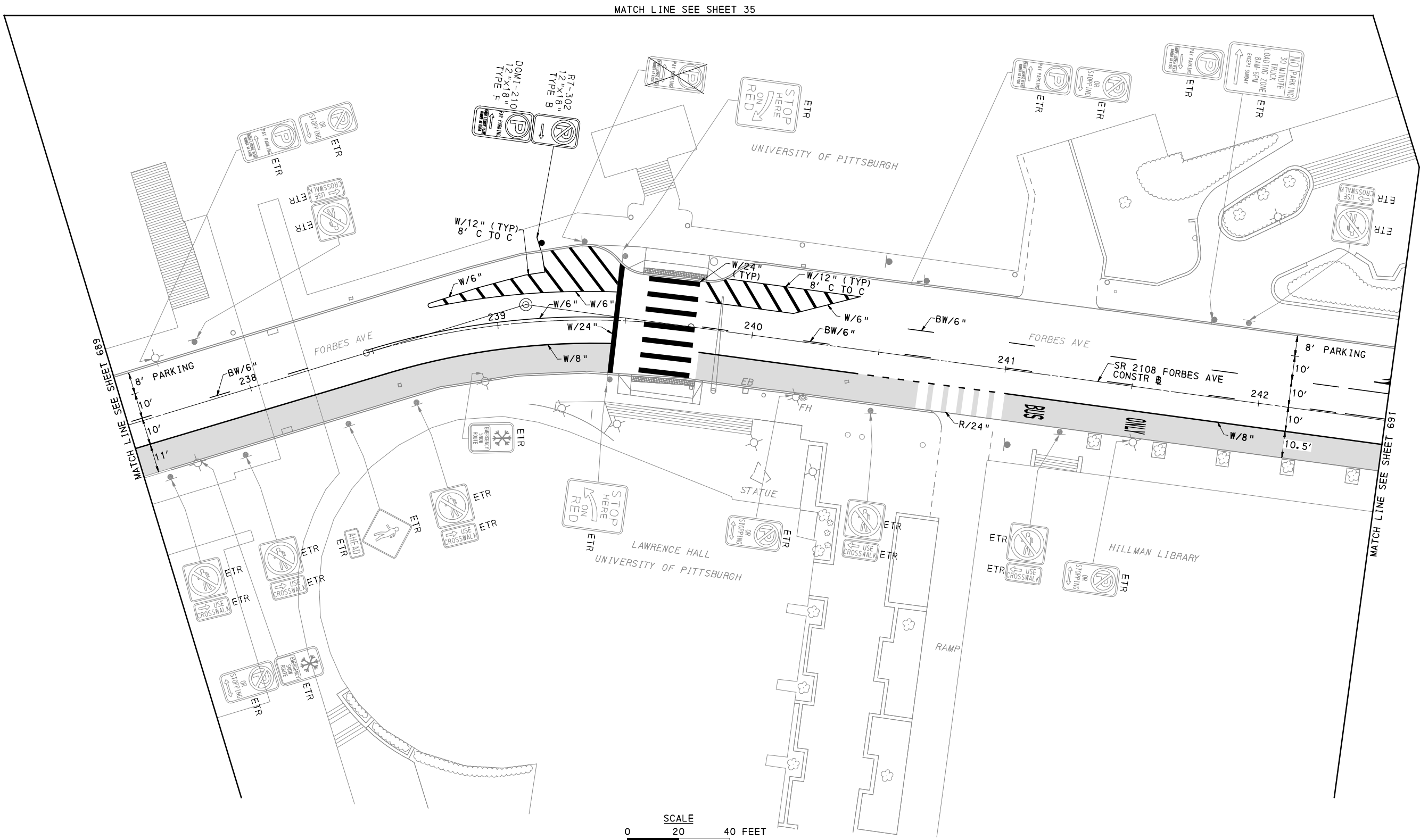
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FORBES AVE - STA 232+00 TO STA 237+50

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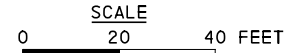
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DWG. NO. SN86	SHT. 689



MATCH LINE SEE SHEET 35

MATCH LINE SEE SHEET 689

MATCH LINE SEE SHEET 691



FOR ROADWAY PLAN SEE SHEET 400

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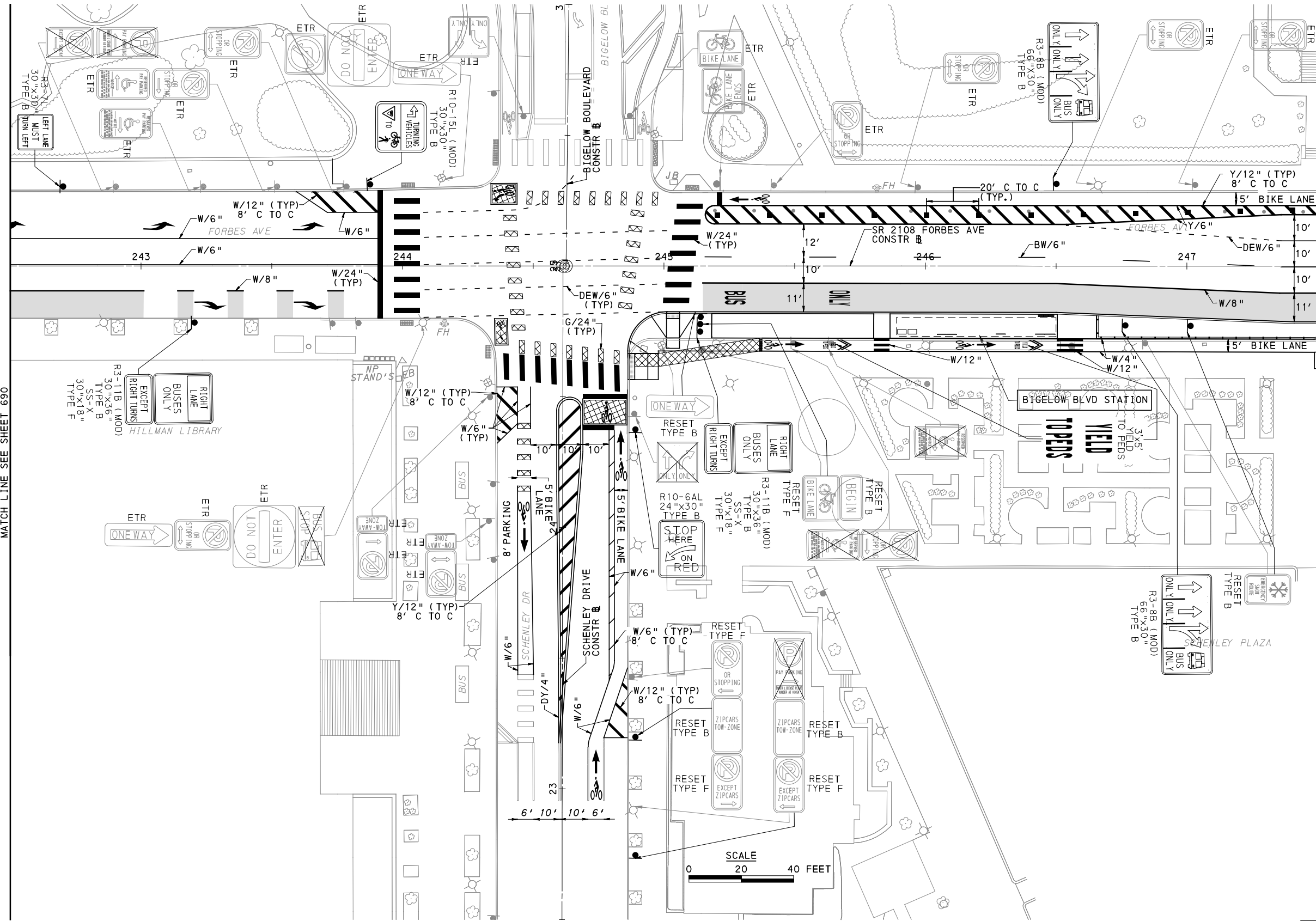
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
SIGNING & PAVEMENT MARKING PLANS
FORBES AVE - STA 237+50 TO STA 242+50

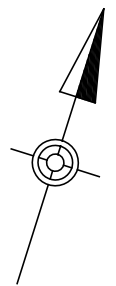
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CONTRACT NO. BRT-001	
DWG. NO. SN87	SHT. 690



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MATCH LINE SEE SHEET 692



FOR ROADWAY PLAN SEE SHEET 401

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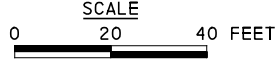
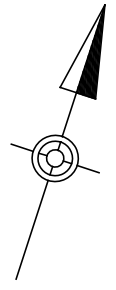
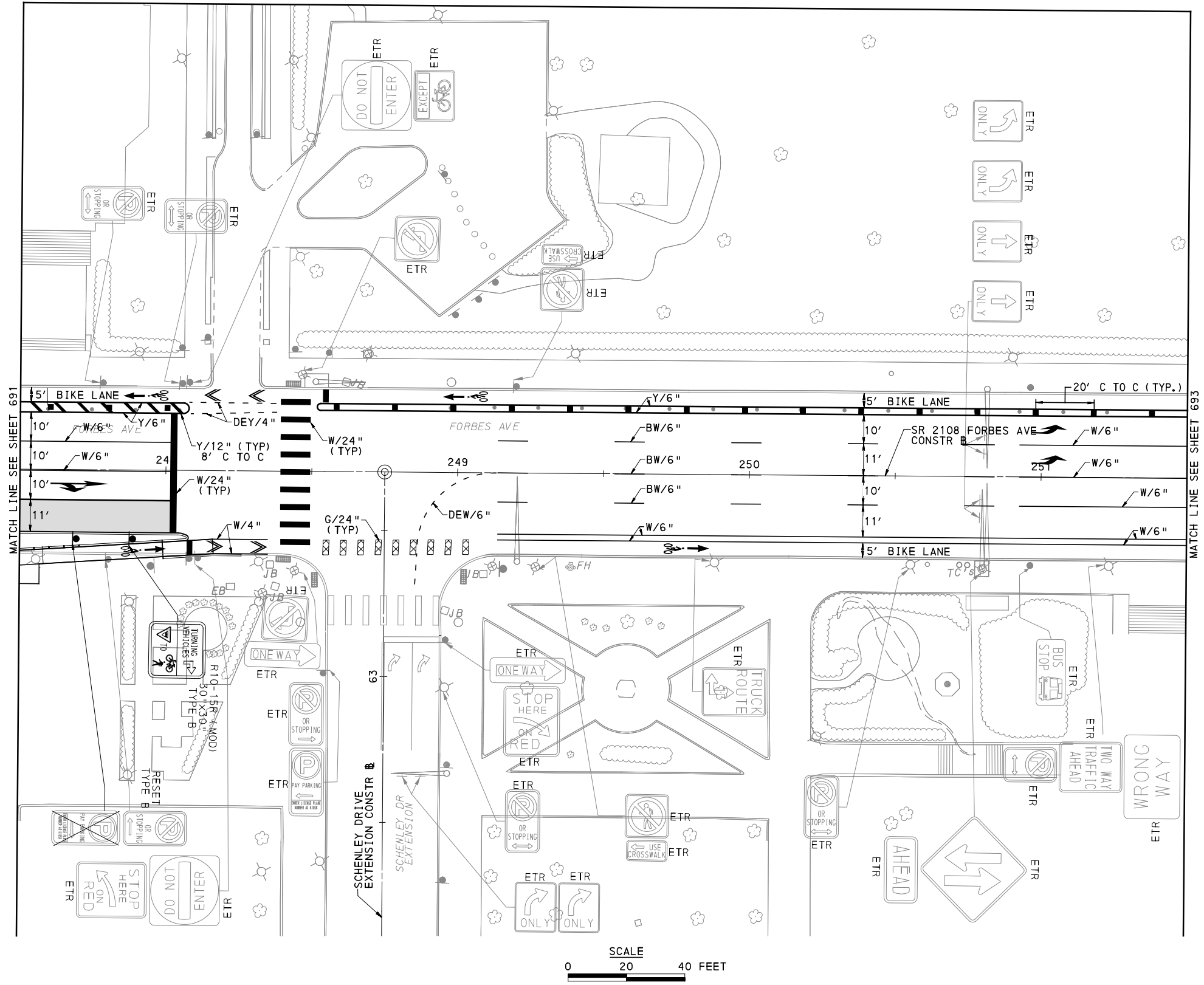
DESIGNED	RRH
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IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 FORBES AVE - STA 242+50 TO STA 247+50

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CONTRACT NO. BRT-001	
DWG. NO. SN88	SHT. 691



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[FOR ROADWAY PLAN SEE SHEET 402]

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 Suite 400
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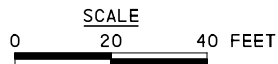
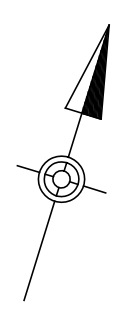
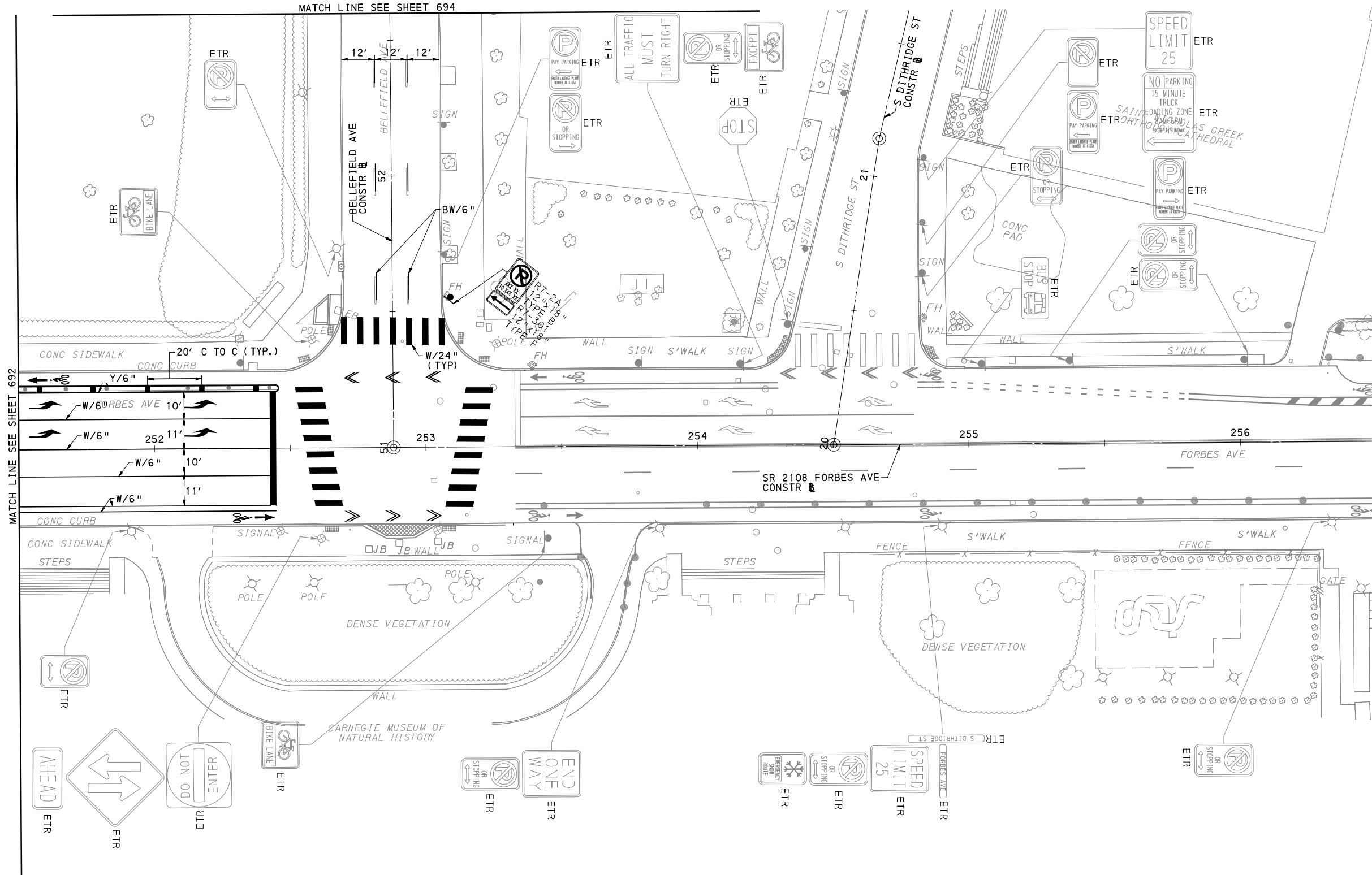
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 247+50 TO STA 251+50		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. SN89	SHT. 692



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 Suite 400
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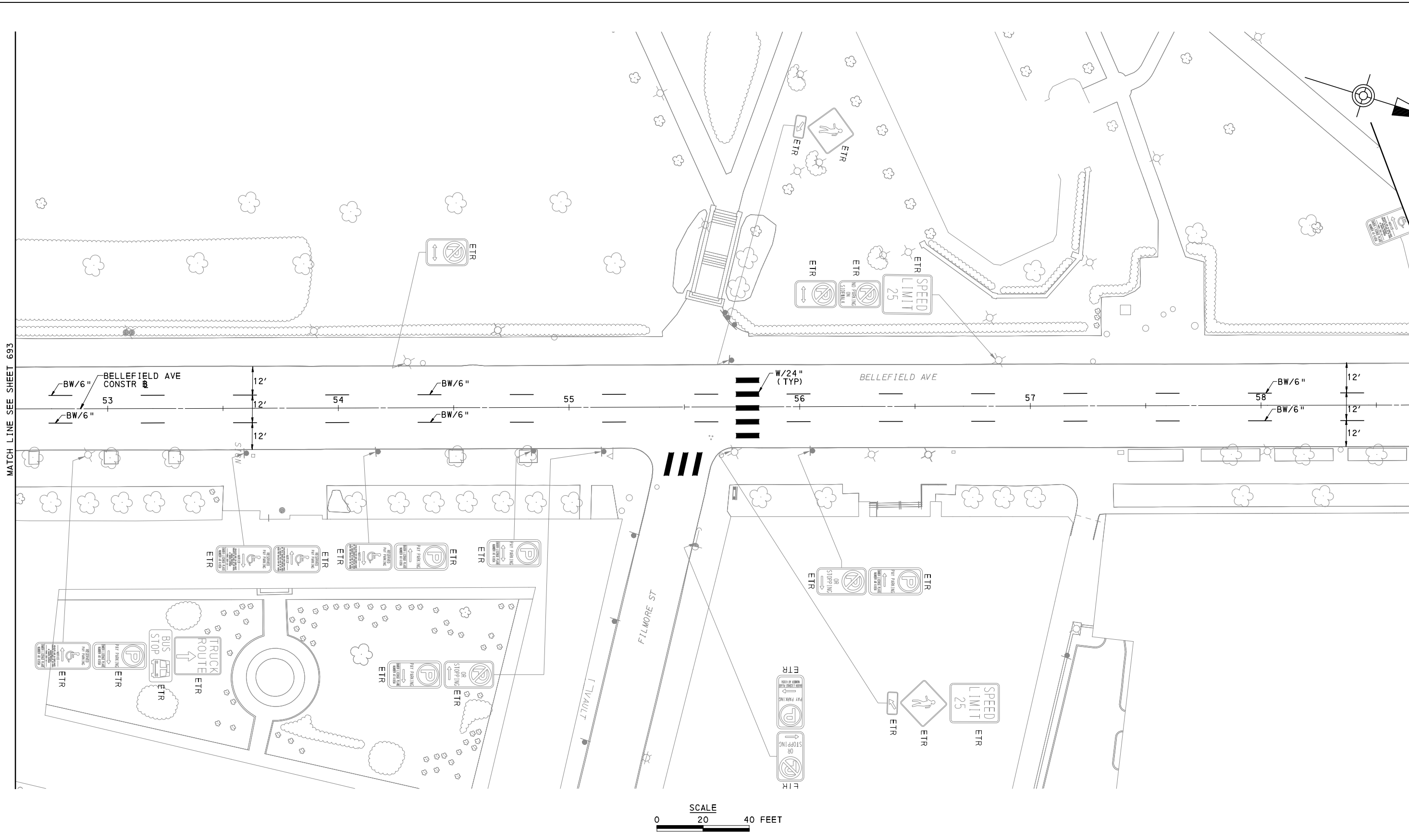
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND SIGNING & PAVEMENT MARKING PLANS FORBES AVE - STA 251+50 TO STA 256+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. SN90 SHT. 693



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 SIGNING & PAVEMENT MARKING PLANS
 BELLEFIELD AVE

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CONTRACT NO. BRT-001	
DWG. NO. SN91	SHT. 694

GENERAL NOTES

- CONSTRUCTION DETAILS NOT SHOWN ON THE DRAWINGS ARE TO CONFORM TO PA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS: RC-80M DATED NOV. 1, 2022 RC-84M DATED JUNE 1, 2010 AND CITY OF PITTSBURGH STANDARD DRAWINGS: LPF-1 LPF-2P PF-1 CTY-3
- THE PROJECT TECHNICAL PROVISIONS UTILIZE THE STANDARD SPECIFICATIONS FOR PA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS PUBLICATION 408 AND ALL OF ITS SUPPLEMENTS.
- COORDINATE REMOVAL OF EXISTING LIGHTING WITH CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS, STREET LIGHTING DIVISION. SOME OF THE LIGHT POLE FOUNDATIONS WILL NEED TO BE REPLACED WITH A JUNCTION BOX (JB-1) TO PROVIDE CONTINUATION OF EXISTING LIGHTING CIRCUIT THAT SERVES LIGHTING OUTSIDE OF THE PROJECT LIMITS. LUMINAIRES, LAMPS, ARMS, AND POLES SHALL BE REMOVED UNDAMAGED AND STORED ON SITE & LOADED ONTO CITY VEHICLES, AS DIRECTED.
- PROVIDE INDIVIDUAL FUSING FOR ALL LUMINAIRES AND RECEPTACLES.
- PROVIDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR WITH ALL CIRCUITS. DO NOT CONNECT THE NEUTRAL TO GROUND EXCEPT AT SERVICE POINT. CONNECT THE EQUIPMENT GROUNDING CONDUCTOR TO GROUND AT EACH POLE. PROVIDE WITH SAME INSULATION AND SIZE AS THE CIRCUIT CONDUCTORS.
- PROVIDE WATERTIGHT, SUBMERSIBLE, PREMOLDED, DISCONNECTABLE CONNECTOR KITS FOR ALL SPLICES.
- PROVIDE CONCRETE JUNCTION BOXES, CITY OF PITTSBURGH TYPE JB-1.
- THE CONTRACTOR SHALL WORK IN STRICT COORDINATION WITH LOCAL UTILITY COMPANIES TO DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITY LINES PRIOR TO COMMENCEMENT OF THIS WORK. ALL DAMAGES INCURRED TO EXISTING UTILITIES WILL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL PAYMENT.
- DO NOT SCALE DRAWINGS. UTILITY LOCATIONS ARE BASED ON EXISTING MAPPING INFORMATION. EXISTING UTILITY ELEVATIONS ARE APPROXIMATE AND ARE BASED ON THE BEST INFORMATION AVAILABLE. VERIFY UTILITY LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION OF POLE FOUNDATIONS. NO ADDITIONAL PAYMENT WILL BE MADE FOR HAND DIGGING OR EXPLORATORY EXCAVATION.
- SATISFACTORILY PLACE AND TEST ALL GROUND RODS AND GROUND WIRE AT ALL POLE FOUNDATIONS NECESSARY TO ATTAIN A MAXIMUM RESISTANCE TO EARTH GROUND OF 25 OHMS. INSTALL ADDITIONAL GROUND RODS UNTIL THIS REQUIREMENT IS MET, AT NO ADDITIONAL PAYMENT. ENSURE THAT ALL TEST RESULTS ARE RECORDED ON PA. D.O.T. FORM CS-4225A AND SUBMITTED FOR APPROVAL.
- CONDUITS UNDER ROADWAY MUST BE A MINIMUM OF 30" BELOW SUBBASE.
- MAINTAIN EXISTING LIGHTING SYSTEM UNTIL NEW SYSTEM IS OPERATIONAL. PROVIDE ANY TEMPORARY POWER OR CONNECTIONS THAT MAY BE REQUIRED TO MAINTAIN THE EXISTING LIGHTING SYSTEM DURING CONSTRUCTION.
- STREET LIGHTING CONDUIT LOCATIONS SHOWN ON DRAWINGS ARE FOR IDENTIFICATION ONLY AND INTENDED TO BE SCHEMATIC. CONDUITS SHALL BE PLACED IN TRENCH DIRECTLY BEHIND CURB & WITH TRAFFIC CONDUITS WHERE POSSIBLE.
- THREE WORKING DAYS PRIOR TO EXCAVATION, THE CONTRACTOR MUST CONTACT THE PA ONE CALL SYSTEM. PA ONE CALL TELEPHONE NUMBER IS 1-800-242-1776.
- PER ACT 187, MAINTAIN A MINIMUM OF EIGHTEEN (18) INCH CLEARANCE FROM ALL UNDERGROUND UTILITIES.
- PROVIDE INTEGRAL PHOTOCONTROL FOR ALL LUMINAIRES.
- INSTALL LIGHT POLES WITH SETBACK OF 2 FEET FROM FACE OF CURB TO FACE OF POLE, UNLESS POLE IS IN BUFFER STRIP.
- UNMETERED LIGHTING CIRCUITS WILL BE PROVIDED FROM DUQUESNE LIGHT COMPANY. ALL SERVICE CONNECTIONS AND DISCONNECTIONS WILL BE DONE BY DUQUESNE LIGHT COMPANY. THE CONTRACTOR MUST CONTACT THE CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS OPERATIONS MANAGER, 412-255-2529 EXTENSION 314, FOR COORDINATION OF ALL CONNECTIONS AND DISCONNECTIONS.
- ALL CABLE SIZES ARE AWG UNLESS NOTED.
- CONCRETE ENCASEMENT IS NOT SHOWN AT INTERSECTIONS FOR LEGIBILITY. CONCRETE ENCASE ALL CONDUITS UNDER ROADWAYS AND DRIVEWAYS.
- LUMINAIRES ON TRAFFIC POLES ARE INCLUDED IN THE TRAFFIC SIGNAL PAY ITEMS AND ARE SHOWN HERE FOR INFORMATION ONLY.
- WHERE NEEDED, INSTALL LIGHTING CONDUITS AT DEPTHS GREATER THAN 24 INCH MINIMUM TO AVOID CONFLICTS WITH DRAINAGE PIPES OR OTHER UNDERGROUND FACILITIES.
- REFER TO UTILITY PLANS FOR ADDITIONAL INFORMATION ON COORDINATED WORK WITH DUQUESNE LIGHT COMPANY.

LIGHTING DEMOLITION NOTES

- REFER TO ROADWAY AND UTILITY PLANS FOR COORDINATION OF DEMOLITION WORK. CONTRACTOR SHALL COORDINATE REMOVAL OF STREET LIGHTING EQUIPMENT. COORDINATE REMOVAL OF POWER CONNECTIONS TO ALL EQUIPMENT BEING REMOVED.
- THE PLANS AND THESE DEMOLITION NOTES ARE INTENDED AS A GENERAL GUIDE TO THE DEMOLITION REQUIRED FOR THIS PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE EXISTING CONSTRUCTION AS REQUIRED TO ACCOMPLISH THE PROPOSED WORK. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. DO NOT SCALE DRAWINGS.
- VISIT EXISTING SITE AND EXISTING PREMISES OF THE WORK AND BECOME FAMILIAR WITH CONDITIONS AFFECTING THE INSTALLATION. SUBMISSION OF A PROPOSAL SHALL PRESUPPOSE KNOWLEDGE OF SUCH CONDITIONS AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED WHERE EXTRA LABOR OR MATERIALS ARE REQUIRED BECAUSE OF IGNORANCE OF THESE CONDITIONS.
- ALL DEMOLITION WORK SHALL BE ACCOMPLISHED THRU PHASING OF CERTAIN AREAS WHILE MAINTAINING UNAFFECTED AREAS AS FURTHER OUTLINED ON THIS PLAN.
- REMOVE EXISTING ELECTRICAL ITEMS NOTED ON PLANS OR DESCRIBED WITHIN THESE NOTES BACK TO THEIR RESPECTIVE SOURCE, JUNCTION BOX OR NEXT DEVICE WHICH IS SCHEDULED TO REMAIN FOR POSSIBLE EXTENSION OF EXISTING BRANCH CIRCUIT WIRING FOR NEW CONSTRUCTION.
- DO NOT REMOVE EXISTING LUMINAIRES OR LIGHT POLES UNTIL NEW LIGHTING IS INSTALLED. LUMINAIRES THAT ARE REMOVED AND NOT REINSTALLED SHALL BE SALVAGED TO THE CITY OF PITTSBURGH. DELIVER TO CITY STORAGE YARD.
- ALL MATERIALS NOT SALVAGED RE-USED ARE TO BE DISPOSED OF BY THE CONTRACTOR. ALL ITEMS DESIGNATED FOR DISPOSAL SHALL BE REMOVED FROM THE PREMISES OR PROJECT SITE EACH DAY.
- ALL ELECTRICAL ITEMS THAT ARE NOT SHOWN TO BE REMOVED AND WHOSE REMOVAL IS NOT INDICATED BY EITHER A GENERAL OR KEY NOTE, ARE TO REMAIN. RE-FEED ANY SUCH ITEM(S) WHOSE WIRING IS INTERRUPTED DUE TO WORK IN ADJACENT AREAS.
- UNDISTURBED EXISTING CONDUITS MAY BE RE-USED PROVIDED THEY MEET NEC SIZE REQUIREMENTS THEY ARE CLEANED AND SWABBED PRIOR TO INSTALLATION OF NEW WIRING.
- ANY CIRCUITS FEEDING THROUGH DEVICES OR EQUIPMENT BEING RELOCATED, REWORKED OR ABANDONED AND SERVING OTHERS ELECTRICAL DEVICES AND/OR EQUIPMENT SHALL BE MAINTAINED BY PROVIDING JUNCTION BOXES OR OTHER ACCEPTABLE AND APPROVED METHODS PER NEC AS REQUIRED.
- REMOVE OR RELOCATE ANY EXISTING LIGHTING ITEM OR DEVICE NECESSARY FOR NEW INSTALLATION BUT INTERFERING WITH NEW INSTALLATION. RECONNECT ANY LIGHTING ITEM THAT IS RELOCATED. SPLICE AND EXTEND EXISTING BRANCH CIRCUIT WIRING FROM THE ORIGINAL LOCATION OF THE DEVICE TO IT'S NEW LOCATION. FOR ALL ELECTRICAL ITEMS THAT ARE REMOVED AND NOT RELOCATED, DISCONNECT AND REMOVE ALL ASSOCIATED WIRING BACK TO IT'S SOURCE, JUNCTION BOX OR NEXT DEVICE TO REMAIN FOR FUTURE EXTENSION.
- PROVIDE ALL CUTTING AND PATCHING WHICH MAY BE REQUIRED FOR THE PROPER INSTALLATION OF THE NEW LIGHTING WORK. ALL PATCHING SHALL BE OF THE SAME MATERIALS, WORKMANSHIP, AND FINISH AND SHALL ACCURATELY MATCH ALL ADJACENT WORK. PROVIDE OPENINGS AND SEALANT FOR ALL PENETRATIONS.
- PLAN INSTALLATION OF NEW WORK AND CONNECTIONS TO EXISTING WORK TO INSURE MINIMUM INTERFERENCE WITH REGULAR OPERATION OF EXISTING FACILITIES. ALL SYSTEM SHUTDOWNS AFFECTING OTHER AREAS SHALL BE COORDINATED WITH CITY OF PITTSBURGH.
- CONNECT NEW WORK TO EXISTING IN NEAT AND APPROVED MANNER. RESTORE EXISTING WORK DISTURBED WHILE INSTALLING NEW WORK TO ACCEPTABLE CONDITION AS DETERMINED BY ENGINEER. DISCONNECT, REMOVE, OR RELOCATE ELECTRICAL MATERIALS AND EQUIPMENT AS NOTED AND AS REQUIRED BY CHANGES IN CONSTRUCTION.
- REMOVE CONDUCTORS FROM EXISTING RACEWAYS WHICH ARE EITHER TO BE RE-WIRED OR ARE ABANDONED IN PLACE.
- PROVIDE CONTINUOUS CLEAN-UP OF DEMOLITION REFUSE. CONSTRUCTION AREAS SHALL BE CLOSED OFF TO PREVENT DUST AND DEBRIS FROM INTERFERING WITH OTHER WORK SPACES.

LIGHTING DEMOLITION NOTES CONTINUED

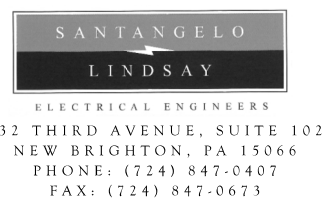
- CONTRACTOR MUST RECORD THE WATTAGE AND POLE NUMBER FOR LUMINAIRES REMOVED FROM SERVICE. SUBMIT IN TABLE FORM TO THE CITY OF PITTSBURGH.
- SALVAGE INFORMATION:
 - STEEL AND ALUMINUM POLES (NOT TROLLEY POLES) - DELIVER TO CITY STORAGE YARD AT 7331 BAKER STREET, 15206.
 - LUMINAIRE ARMS - RETURN TO CITY OF PITTSBURGH AT ADDRESS ABOVE.
 - LUMINAIRES - RETURN TO CITY OF PITTSBURGH STORAGE YARD
 - TROLLEY POLES AND WOOD POLES - PROPERTY OF THE CONTRACTOR TO REMOVE FROM THE PROJECT SITE.

LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX
- CITY OF PITTSBURGH STANDARD CONCRETE JUNCTION BOX, TYPE JB-1
- WIRE TAG
- OVERHEAD ELECTRICAL CABLE
- EXISTING JUNCTION BOX TO BE REMOVED

ABBREVIATIONS:

APPROX	APPROXIMATELY
AVE	AVENUE
AWG	AMERICAN WIRE GAUGE
C/COND	CONCRETE
CONSTR	CONSTRUCTION
DIA	DIAMETER
FT	FEET/FOOT
G, GND	GROUND
JB	JUNCTION BOX
LT	LEFT
MM	MILLIMETER
MIN	MINIMUM
NO	NUMBER
OD	OUTSIDE DIAMETER
PSI	POUNDS PER SQUARE INCH
R	REMOVE
RR	REMOVE AND REPLACE
RL	REMOVE LUMINAIRE
REQ'D	REQUIRED
RT	RIGHT
ROW, R/W	RIGHT-OF-WAY
SPA	SPACE/SPACING
STA	STATION
STD	STANDARD
ST	STREET
TYP	TYPICAL



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REVISIONS		

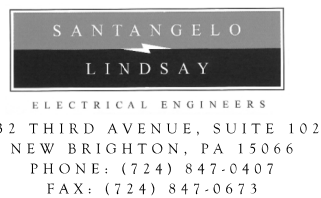
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(NOT FOR CONSTRUCTION)

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IN CHARGE	CML
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS GENERAL NOTES	
Port Authority connecting people to life®	
CONTRACT NO. BRT-001	
DWG. NO.	LP1
SHT.	695

DWG	REMOVE EXISTING POLE	REMOVE AND RELOCATE EXISTING LIGHT POLE	REMOVE AND REPLACE EXISTING LUMINAIRE	REMOVE LUMINAIRE AND ARM	CITY OF PITTSBURGH STANDARD CONCRETE JUNCTION BOX, JB-1	LED ROADWAY LUMINAIRE TYPE A ON 25-FOOT STEEL POLE	LED ROADWAY LUMINAIRE TYPE B ON 30-FOOT STEEL POLE	LED TEARDROP LUMINAIRE TYPE A ON 25-FOOT FLUTED POLE	LED TEARDROP LUMINAIRE TYPE B ON 30-FOOT FLUTED POLE	LED ACORN LUMINAIRE	12-FOOT ORNAMENTAL POLE	FOUNDATION TYPE A	FOUNDATION TYPE B	OFFSET POLE FOUNDATION, TYPE A	OFFSET POLE FOUNDATION, TYPE B	POLE FOUNDATION, TYPE B (MODIFIED)
NO.	02893-001	02893-002	02893-004	02893-005	02897-001	16536-001	16536-002	16536-003	16536-004	16536-005	16536-006	16536-007	16536-008	16536-011	16536-012	16536-013
TOTAL	119	20	23	29	36	8	29	10	33	12	12	21	61	6	15	5
GN	LP1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TAB	LP2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DET1	LP3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DET2	LP4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DET3	LP5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DET4	LP6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELEC14	LP7	2	-	1	1	-	3	-	-	-	-	-	2	-	-	1
ELEC15	LP8	5	4	-	1	-	3	-	-	-	-	1	1	3	-	2
ELEC16	LP9	2	4	-	1	-	2	-	-	-	-	3	-	1	-	2
ELEC17	LP10	11	-	-	1	-	3	-	-	-	-	-	3	-	-	-
ELEC18	LP11	6	-	-	2	-	2	-	-	-	-	-	2	-	-	-
ELEC19	LP12	8	-	-	1	-	4	-	-	-	-	-	2	-	2	-
ELEC20	LP13	6	-	-	1	-	2	-	-	-	-	-	1	-	1	-
ELEC21	LP14	4	-	-	1	-	-	-	4	-	-	-	4	-	-	-
ELEC22	LP15	8	-	-	2	-	-	-	3	-	-	-	3	-	-	-
ELEC23	LP16	7	-	-	1	-	-	-	5	-	-	-	5	-	-	-
ELEC24	LP17	2	-	-	1	-	-	-	4	-	-	-	4	-	-	-
ELEC25	LP18	3	-	-	2	-	1	-	3	-	-	-	2	-	2	-
ELEC26	LP19	4	-	-	1	-	-	-	5	-	-	-	1	-	4	-
ELEC27	LP20	4	-	-	1	-	-	-	3	-	-	-	1	-	2	-
ELEC28	LP21	4	-	-	3	-	-	-	3	-	-	-	3	-	-	-
ELEC29	LP22	3	-	-	-	-	-	-	3	-	-	-	3	-	-	-
ELEC30	LP23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELEC31	LP24	1	-	3	1	-	-	-	-	-	-	-	-	-	-	-
ELEC32	LP25	2	-	1	-	-	2	-	-	-	-	-	-	-	-	-
ELEC33	LP26	1	-	2	1	-	1	-	-	-	-	-	1	-	-	-
ELEC34	LP27	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
ELEC35	LP28	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-
ELEC36	LP29	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
ELEC37	LP30	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
ELEC38	LP31	2	-	1	-	-	2	-	-	-	-	-	-	-	-	-
ELEC43	LP32	1	6	-	2	-	-	-	-	-	-	6	-	-	-	-
ELEC44	LP33	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-
ELEC45	LP34	6	-	-	1	-	1	-	-	-	-	-	1	-	-	-
ELEC46	LP35	9	-	-	2	-	3	-	2	-	-	-	5	-	-	-
ELEC47	LP36	5	-	-	3	-	4	-	-	-	-	-	4	-	-	-
ELEC48	LP37	2	-	-	2	-	1	-	1	-	2	2	2	-	-	-
ELEC49	LP38	3	-	-	4	-	-	-	2	-	3	2	1	1	1	-
ELEC50	LP39	3	-	-	4	-	0	-	3	-	2	2	1	1	2	-
ELEC51	LP40	1	-	-	3	-	2	-	3	-	2	2	2	-	1	-
ELEC52	LP41	3	-	-	2	-	2	-	1	-	3	3	3	-	-	-
ELEC53	LP42	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ELEC59	LP43	1	-	1	-	-	1	-	-	-	-	-	1	-	-	-
ELEC60	LP44	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
ELEC62	LP45	-	1	-	-	-	1	-	-	-	-	-	1	-	-	-
ELEC64	LP46	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
ELEC66	LP47	-	3	-	-	-	1	-	-	-	-	-	3	-	-	-
ELEC67	LP48	-	1	3	-	-	1	-	-	-	-	-	1	-	-	-
ELEC68	LP49	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-



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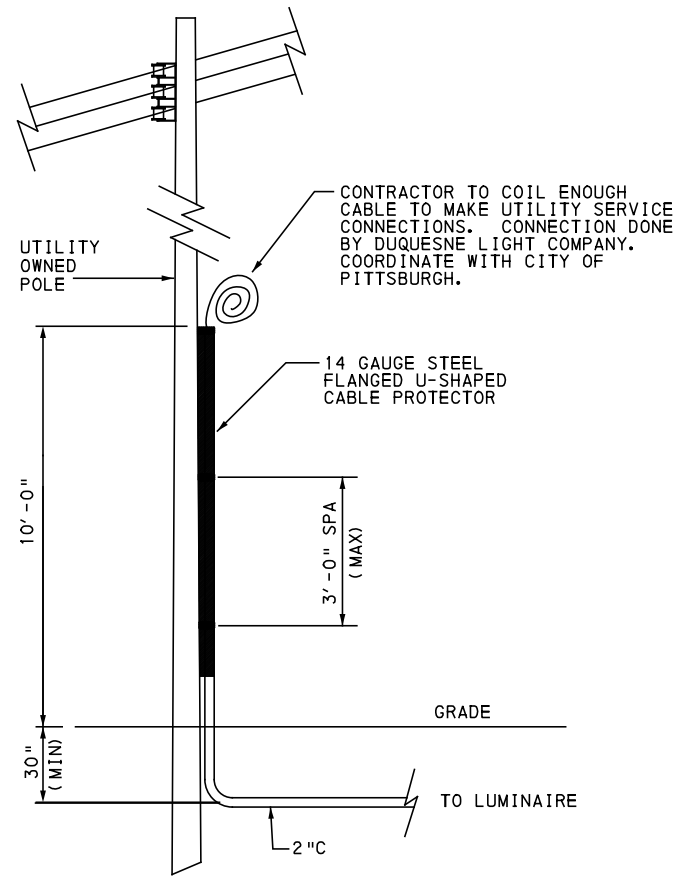
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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS TABULATION SHEET

Port Authority connecting people to life

CONTRACT NO. BRT-001

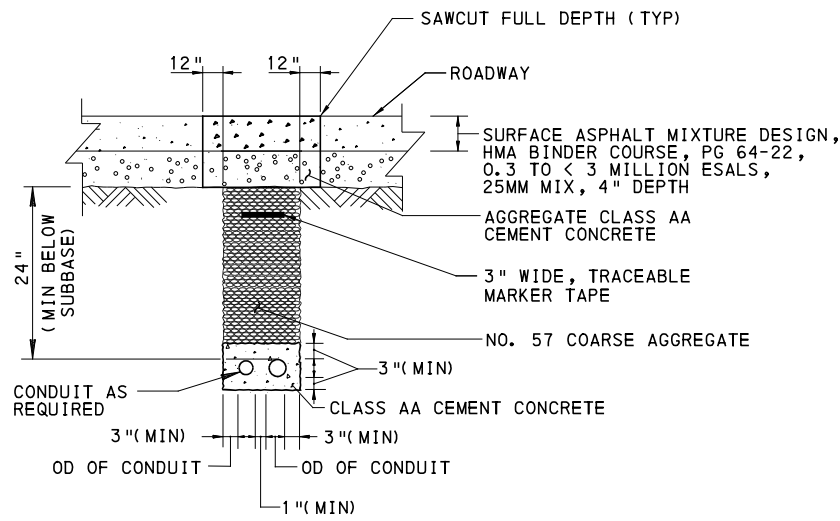
DWG. NO. LP2 SHT. 696



POWER SUPPLY AT DLCo. POLE
NOT TO SCALE

NOTE:

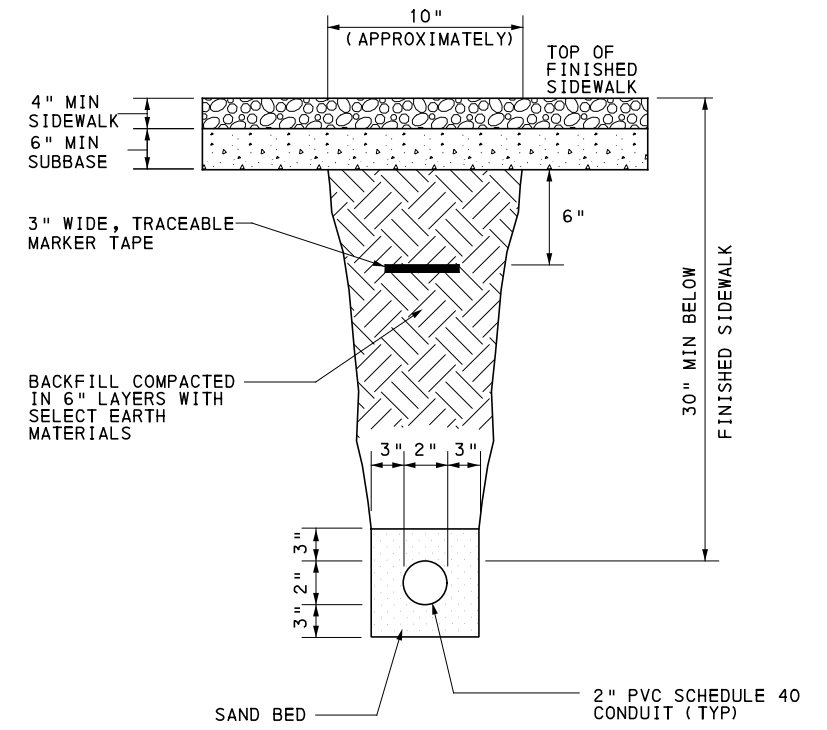
- a. SERVICE CONNECTIONS TO DUQUESNE LIGHT OR CITY OF PITTSBURGH CIRCUITS ARE INCIDENTAL TO THE PAY ITEM FOR ELECTRICAL CABLE.



TRENCHING-BACKFILLING AND STREET REPAIR-DETAIL
NOT TO SCALE

NOTES:

- a. INCREASE OVERALL WIDTH OF TRENCH INCREMENTALLY FOR ADDITIONAL NUMBER OF CONDUITS TO BE ENCASED.
- b. REFERENCE STANDARD TRENCH DETAILS ON RC-84M.



CONDUIT TRENCH UNDER SIDEWALK
NOT TO SCALE

NOTES:

- a. INCREASE OVERALL WIDTH OF TRENCH INCREMENTALLY FOR ADDITIONAL NUMBER OF CONDUITS TO BE ENCASED.
- b. REFERENCE STANDARD TRENCH DETAILS ON RC-84M.



Gulf Tower
707 Grant Street
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Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

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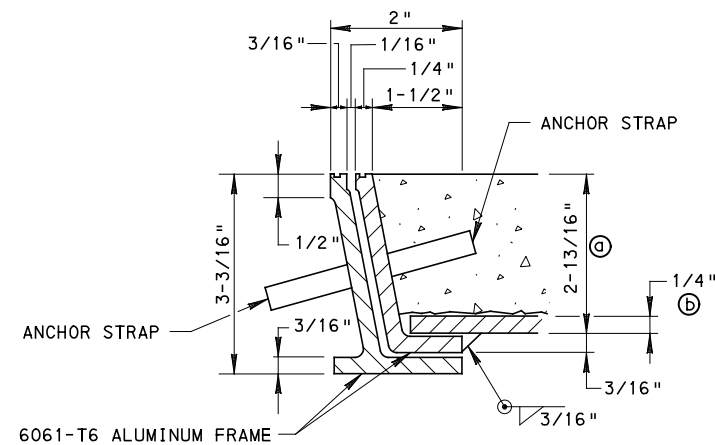
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PITTSBURGH PENNSYLVANIA

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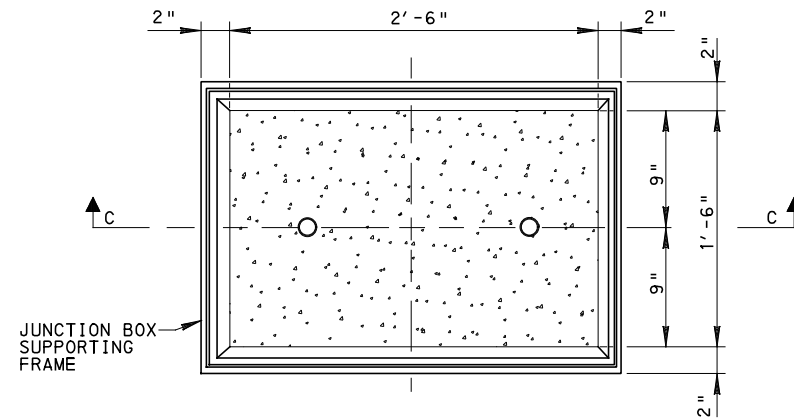


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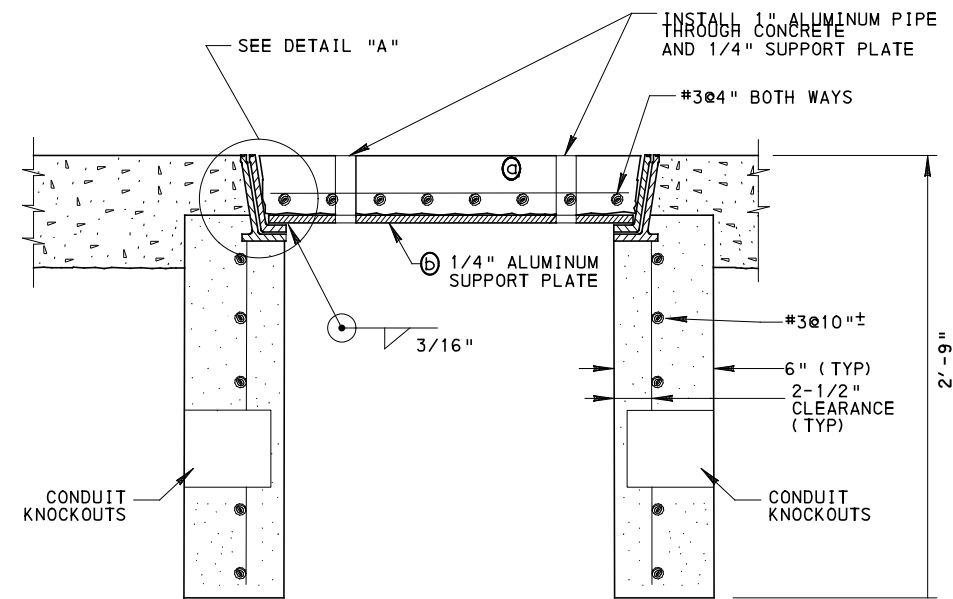
DWG. NO. LP3 SHT. 697



DETAIL "A"
JUNCTION BOX SUPPORTING FRAME
 NOT TO SCALE



PLAN
 NOT TO SCALE



SECTION C-C
 NOT TO SCALE

CITY OF PITTSBURGH STANDARD CONCRETE JUNCTION BOX, JB-1
ITEM # 02897.001

- Ⓒ CONCRETE, CLASS AA, 4000 PSI
- Ⓓ ALUMINUM PLATE

SEE DETAIL "A", THIS SHEET, FOR JUNCTION BOX SUPPORTING FRAME DIMENSIONS.

FIXTURE AND POLE SUMMARY

SYMBOL	POLE DESCRIPTION	LUMINAIRE DESCRIPTION	SOURCE	LUMENS	MOUNTING	POLE FOUNDATION	REMARKS
⊙	12-FOOT ORNAMENTAL STEEL POLE PAINTED BLACK	LED ACORN STYLE LUMINAIRE, NO GLOBE, BLACK	LED 3000K FULL CUT-OFF	5400 TYPE IV	POST-TOP MOUNT	TYPE A, UNLESS NOTED OTHERWISE	SEE NOTES 1 & 2
○	25-FOOT TAPERED STEEL POLE W/6-FOOT ARM, PAINTED BLACK	LED ROADWAY (COLOR & HEAD) LUMINAIRE (A), BLACK	LED 3000K FULL CUT-OFF	12,000 TYPE III	ARM TENON MOUNT	TYPE B, UNLESS NOTED OTHERWISE	PROVIDE TRANSFORMER BASE SEE NOTES 1, 2 & 3
●	25-FOOT TAPERED, FLUTED STEEL POLE W/4-FT ARM, PAINTED BLACK	LED TEARDROP LUMINAIRE (A) FLAT GLASS, BLACK	LED 3000K FULL CUT-OFF	11,600 TYPE III	PENDANT MOUNT	TYPE B, UNLESS NOTED OTHERWISE	SEE NOTES 1 & 2
◁	30-FOOT TAPERED STEEL POLE W/6-FT ARM, PAINTED BLACK	LED ROADWAY (COBRAHEAD) LUMINAIRE (B), BLACK	LED 3000K FULL CUT-OFF	18,000 TYPE III	ARM TENON MOUNT	TYPE B, UNLESS NOTED OTHERWISE	PROVIDE TRANSFORMER BASE SEE NOTES 1, 2 & 3
◀	30-FOOT TAPERED, FLUTED STEEL POLE W/6-FT ARM, PAINTED BLACK	LED TEARDROP LUMINAIRE (B) FLAT GLASS, BLACK	LED 3000K FULL CUT-OFF	17,000 TYPE III	PENDANT MOUNT	TYPE B, UNLESS NOTED OTHERWISE	SEE NOTES 1, 2 & 4

NOTES:

1. REFERENCE SPECIFICATIONS FOR COMPREHENSIVE LUMINAIRE AND POLE INFORMATION.
2. REFERENCE TYPICAL DETAILS OF LUMINAIRES AND POLES ON DRAWING LP4.
3. COLOR IS TO BE BLACK UNLESS OTHERWISE STATED.
4. DISTRIBUTION TYPE III, UNLESS NOTED OTHERWISE.



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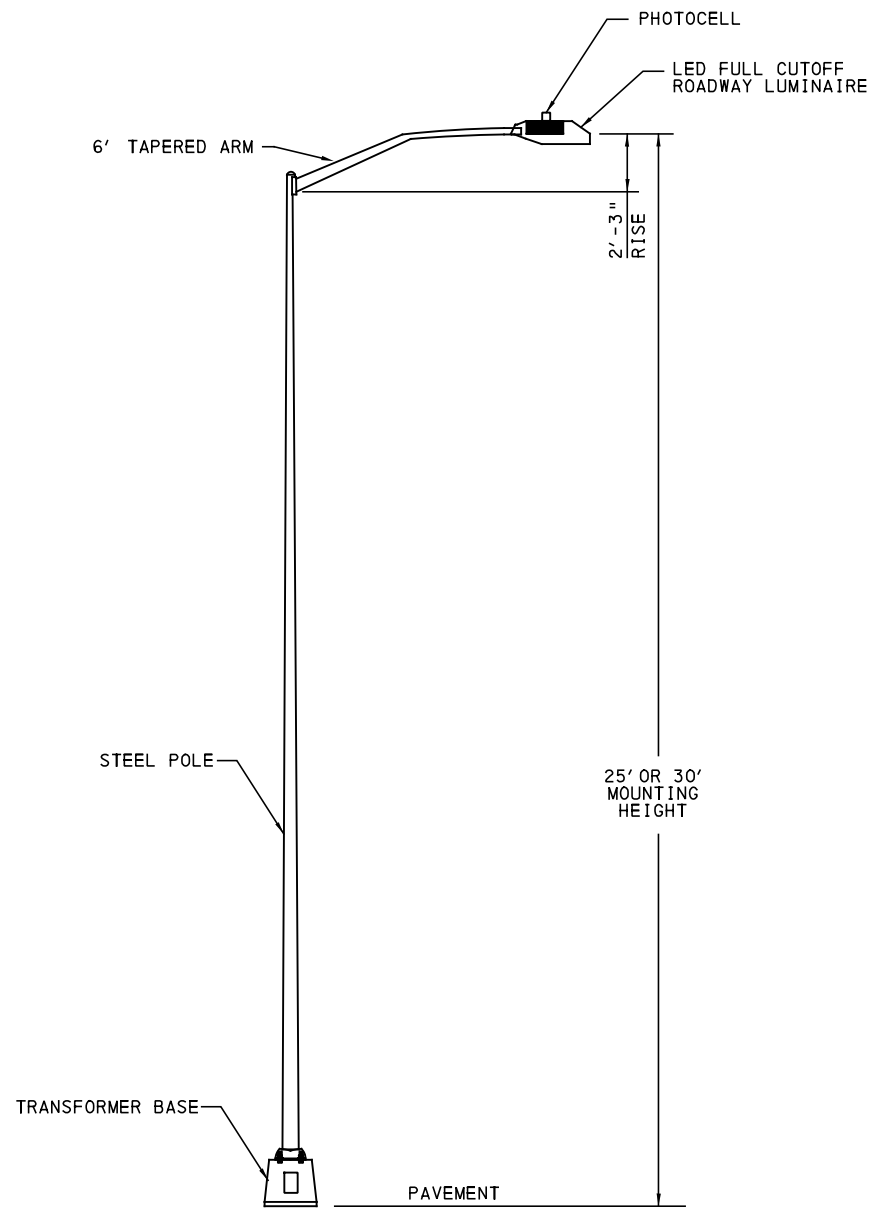
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 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LIGHTING PLANS
 DETAIL SHEET

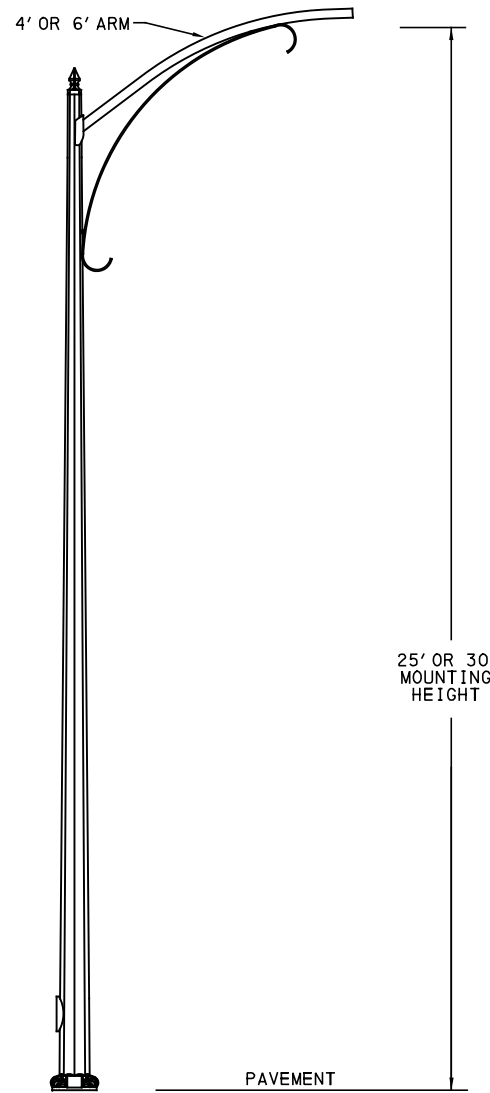


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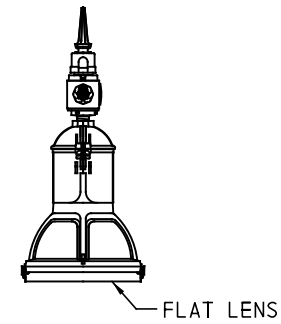
DWG. NO. LP4 SHT. 698



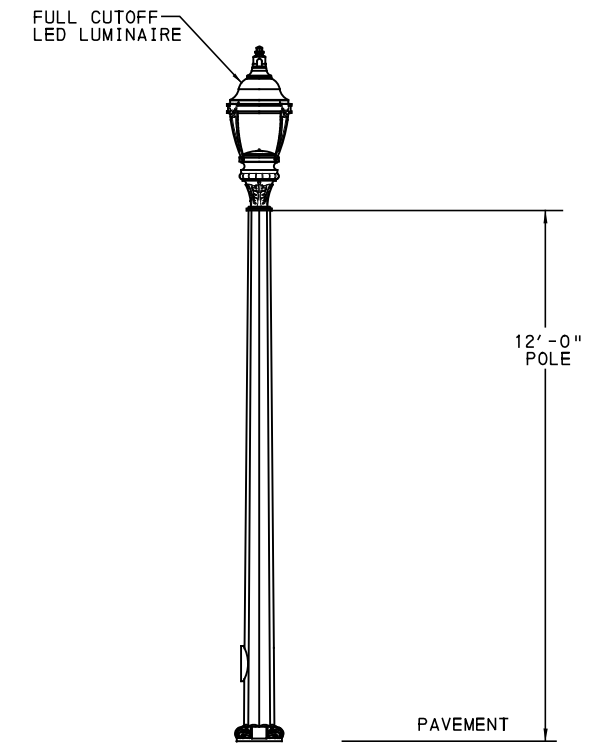
TYPICAL LED ROADWAY LUMINAIRE WITH STEEL POLE DETAIL
NOT TO SCALE



TYPICAL FLUTED POLE DETAIL
NOT TO SCALE



TYPICAL LED TEARDROP LUMINAIRE DETAIL
NOT TO SCALE



TYPICAL ACORN LUMINAIRE AND 12-FOOT ORNAMENTAL POLE
NOT TO SCALE



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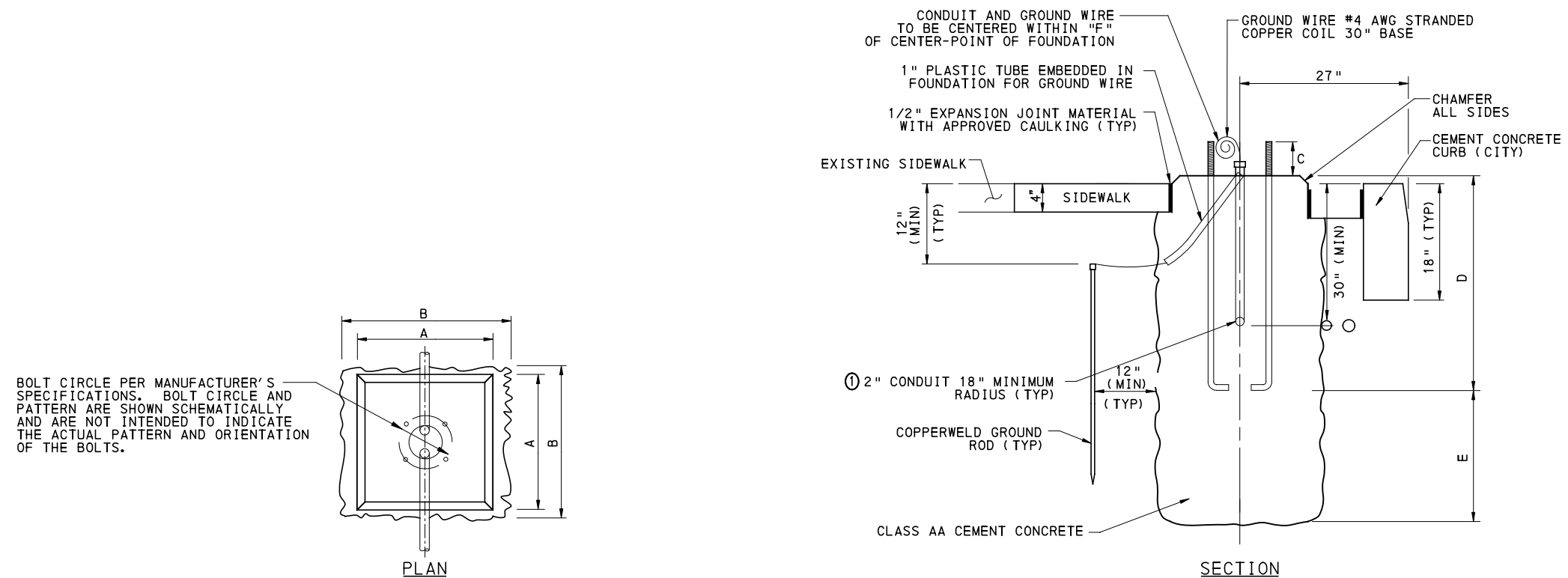
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BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS DETAIL SHEET	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. LP5	SHT. 699



BOLT CIRCLE PER MANUFACTURER'S SPECIFICATIONS. BOLT CIRCLE AND PATTERN ARE SHOWN SCHEMATICALLY AND ARE NOT INTENDED TO INDICATE THE ACTUAL PATTERN AND ORIENTATION OF THE BOLTS.

POLE FOUNDATION DETAIL

NOT TO SCALE

① FOR 12-FOOT POLES, REDUCE CONDUIT TO 1 1/2" DIAMETER BEFORE ELBOW. OPENING BASE OF POLE IS ONLY 5 INCHES FOR THE 15-FOOT POLE.

FOUNDATION TYPE	ANCHOR BOLT TYPE	FOUNDATION DIMENSIONS					CAISSON REINFORCEMENT				GROUND ROD	
		A	B	C	D	E	VERTICAL		TIE RODS		DIA.	LGTH.
							SIZE	REQ'D	SIZE	SPAC'G		
TYPE A	AB-1	16"	18"	4 1/2"	3'-0"	2'-0"	N/A	N/A	N/A	N/A	5/8"	7'-0"
TYPE B	AB-3	24"	26"	4"	3'-6"	3'-0"	N/A	N/A	N/A	N/A	5/8"	7'-0"

REFERENCE CITY OF PITTSBURGH STANDARDS OF CONSTRUCTION DWG. PF-1

REFERENCE THE STRUCTURE PLANS FOR OFFSET AND MODIFIED FOUNDATION DETAILS.



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FAX: (724) 847-0673

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REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	MEM
DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

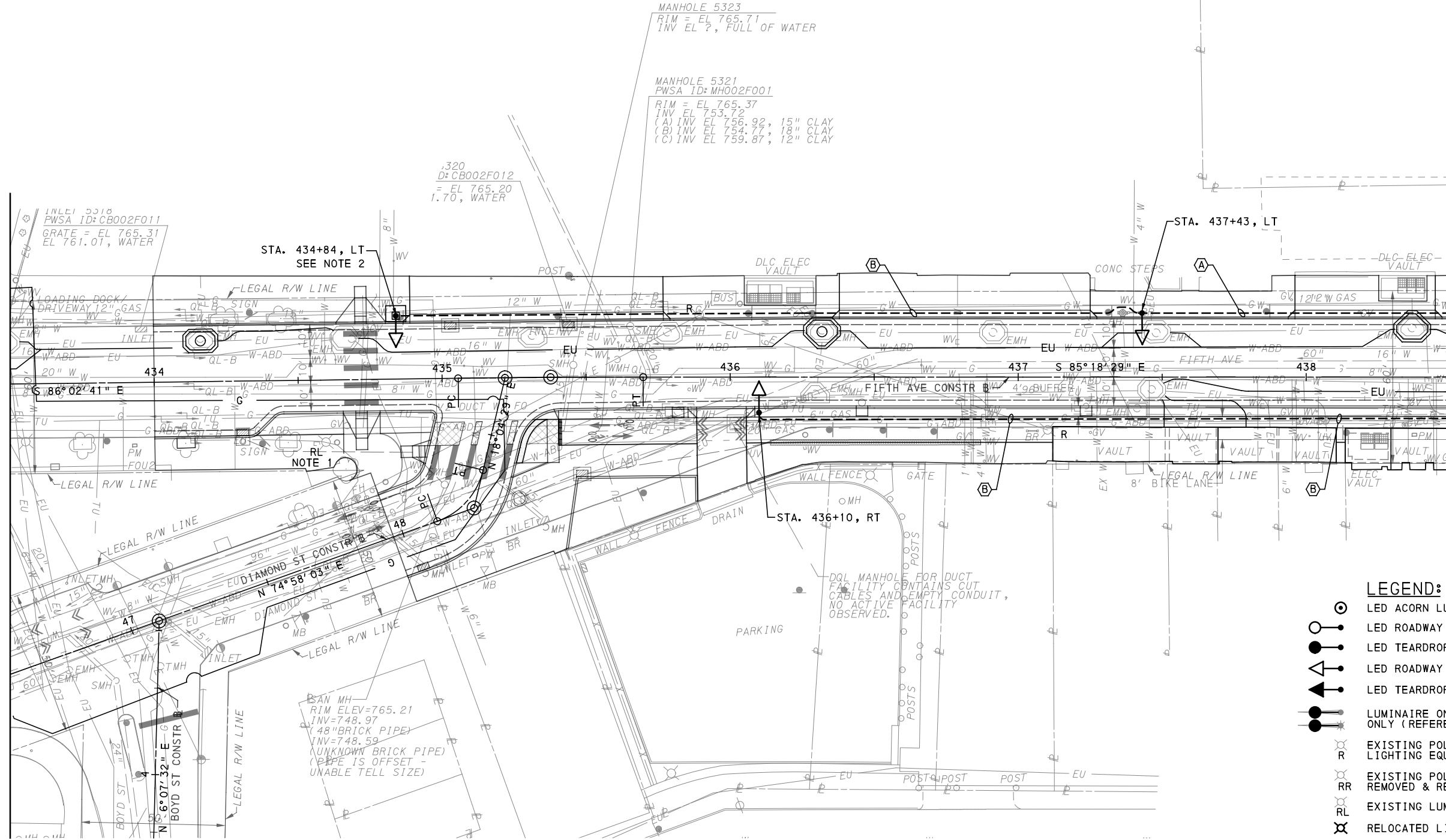
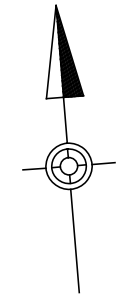
BUS RAPID TRANSIT UPTOWN TO OAKLAND
LIGHTING PLANS
DETAIL SHEET



CONTRACT NO. BRT-001

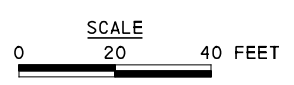
DWG. NO. LP6

SHT. 700



MATCH LINE SEE SHEET 702

- NOTE:**
- EXISTING EXTENET POLE TO REMAIN. REMOVE LUMINAIRE AND ARM.
 - USE FOUNDATION, TYPE B (MODIFIED), AT THIS LIGHT POLE LOCATION.



- (A) 3#6, #6G, 2" CONDUIT
- (B) 2#6, #6G, 2" CONDUIT

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 357]

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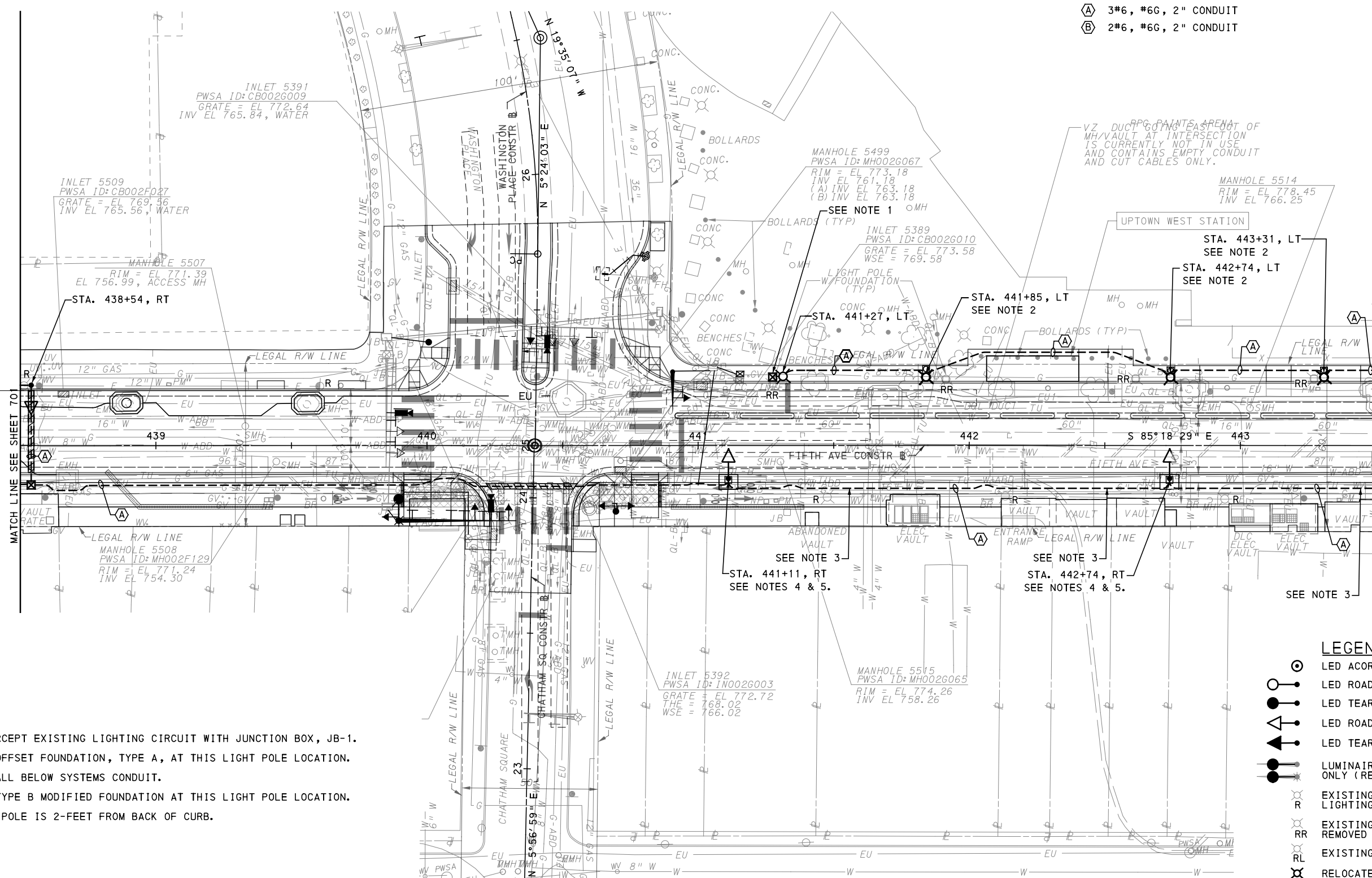
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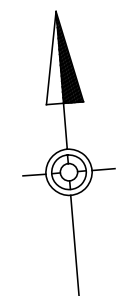
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FIFTH AVE - STA 433+50 TO STA 438+50		
Port Authority connecting people to life™		CONTRACT NO. BRT-001
DWG. NO. LP7	SHT. 701	

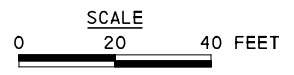


(A) 3#6, #6G, 2" CONDUIT
(B) 2#6, #6G, 2" CONDUIT



- NOTE:
1. INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX, JB-1.
 2. USE OFFSET FOUNDATION, TYPE A, AT THIS LIGHT POLE LOCATION.
 3. INSTALL BELOW SYSTEMS CONDUIT.
 4. USE TYPE B MODIFIED FOUNDATION AT THIS LIGHT POLE LOCATION.
 5. C OF POLE IS 2- FEET FROM BACK OF CURB.

- LEGEND:
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



MATCH LINE SEE SHEET 726

MATCH LINE SEE SHEET 703

[FOR ROADWAY PLAN SEE SHEET 358]

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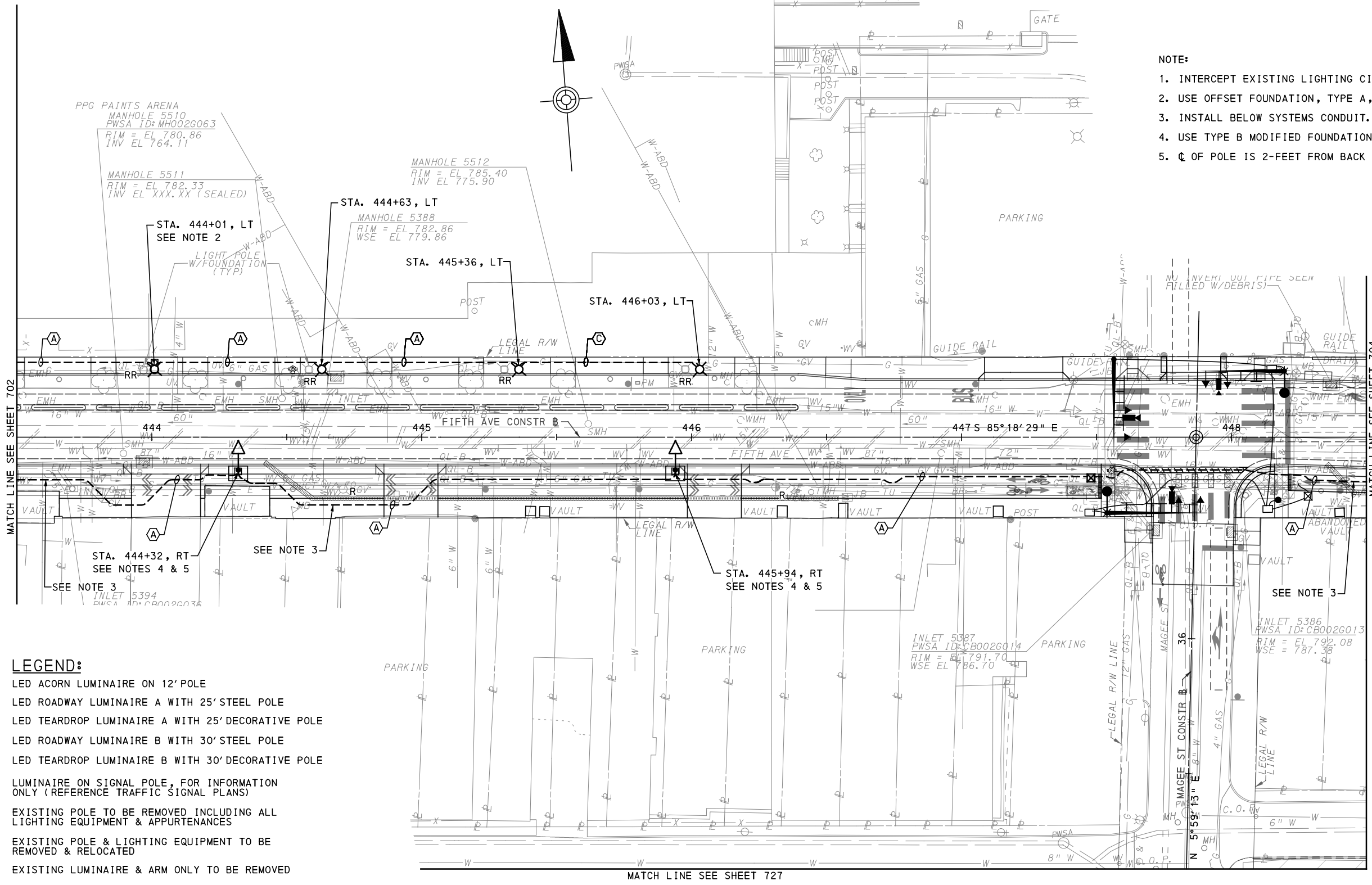
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FIFTH AVE - STA 438+50 TO STA 443+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. LP8 SHT. 702

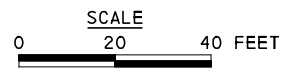


- NOTE:**
1. INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX, JB-1.
 2. USE OFFSET FOUNDATION, TYPE A, AT THIS LIGHT POLE LOCATION.
 3. INSTALL BELOW SYSTEMS CONDUIT.
 4. USE TYPE B MODIFIED FOUNDATION AT THIS LIGHT POLE LOCATION.
 5. ϕ OF POLE IS 2- FEET FROM BACK OF CURB.

LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
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- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

- 3#6, #6G, 2" CONDUIT
- 2#6, #6G, 2" CONDUIT



[FOR ROADWAY PLAN SEE SHEET 359]

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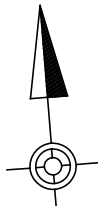
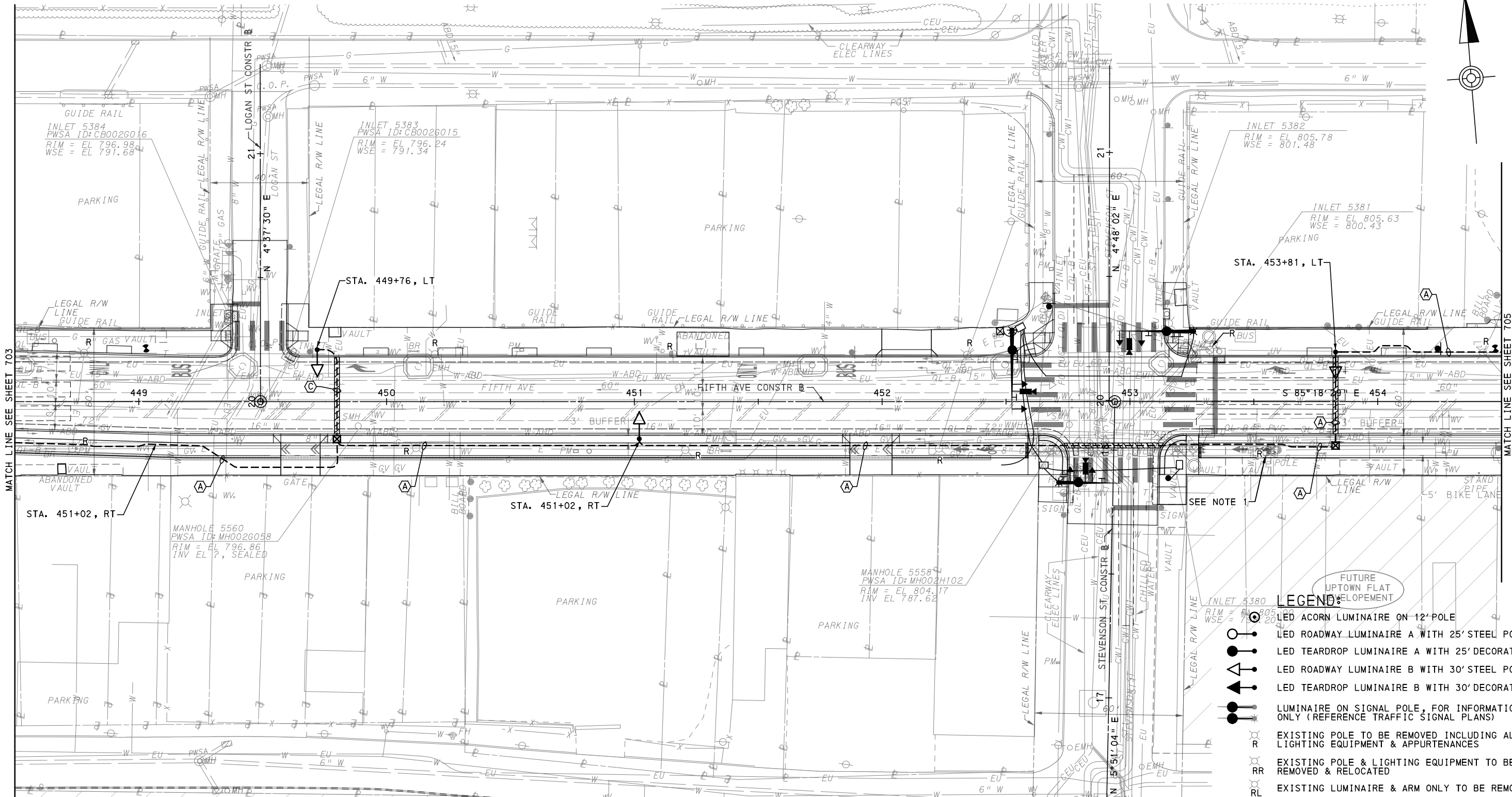
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 443+50 TO STA 448+50
Port Authority connecting people to life
 CONTRACT NO. BRT-001
 DWG. NO. LP9 SHT. 703

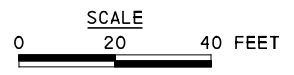


MATCH LINE SEE SHEET 703

MATCH LINE SEE SHEET 705

MATCH LINE SEE SHEET 728

- NOTE:**
1. REMOVE FLAG POLE
 2. INSTALL BELOW SYSTEMS CONDUIT.



- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT

- LEGEND:**
- LED ACORN LUMINAIRE ON 12'-POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
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 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 360]

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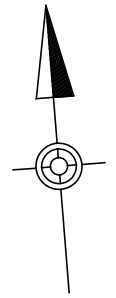
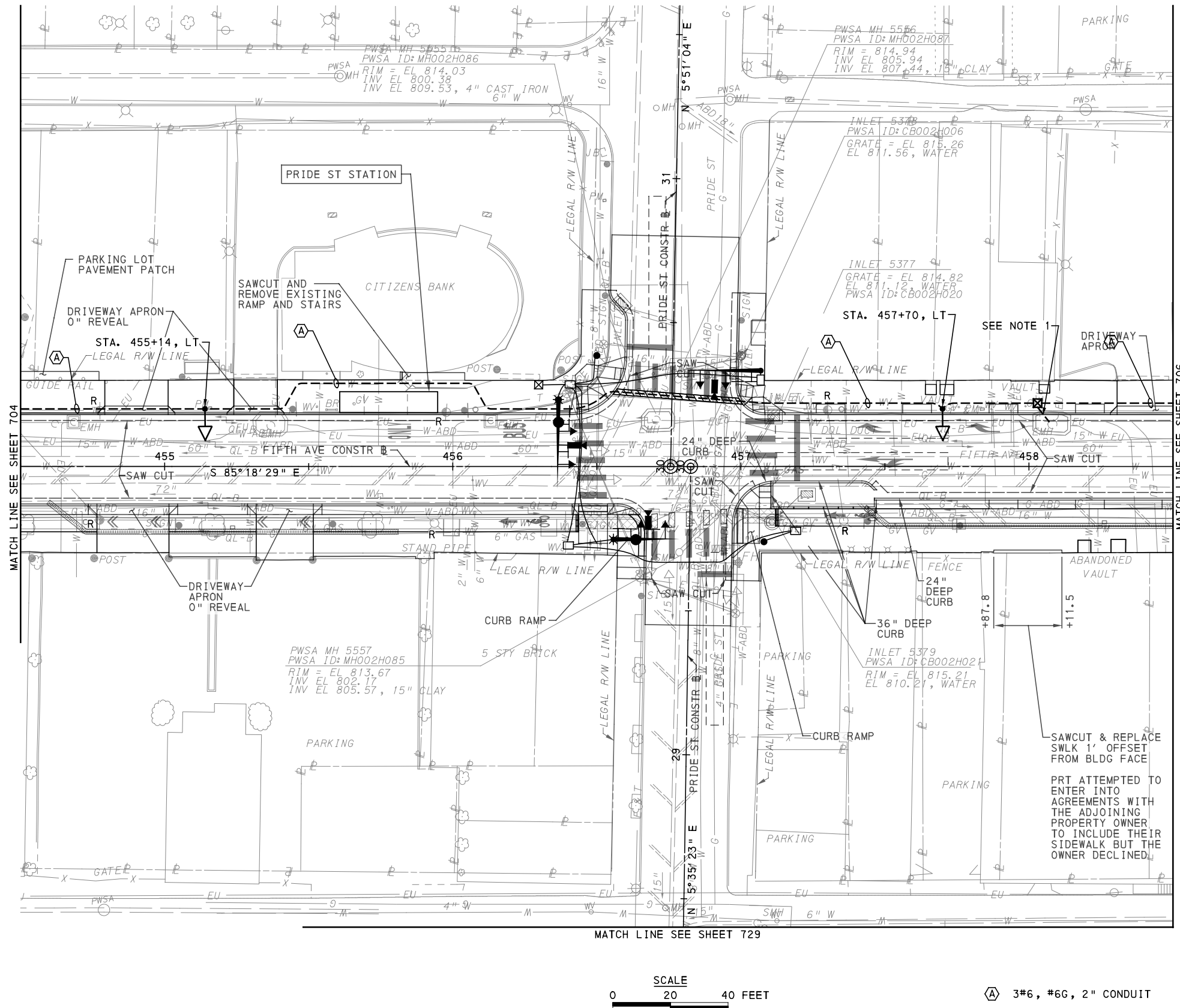
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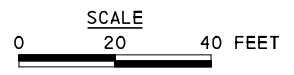
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FIFTH AVE - STA 448+50 TO STA 454+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. LP10 SHT. 704



NOTE:
 1. COORDINATE WITH DUQUESNE LIGHT COMPANY TO OBTAIN AN UNMETERED (120/208V) STREET LIGHTING CIRCUIT FROM ADJACENT MANHOLE.

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
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 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



(A) 3#6, #6G, 2" CONDUIT

[FOR ROADWAY PLAN SEE SHEET 361]

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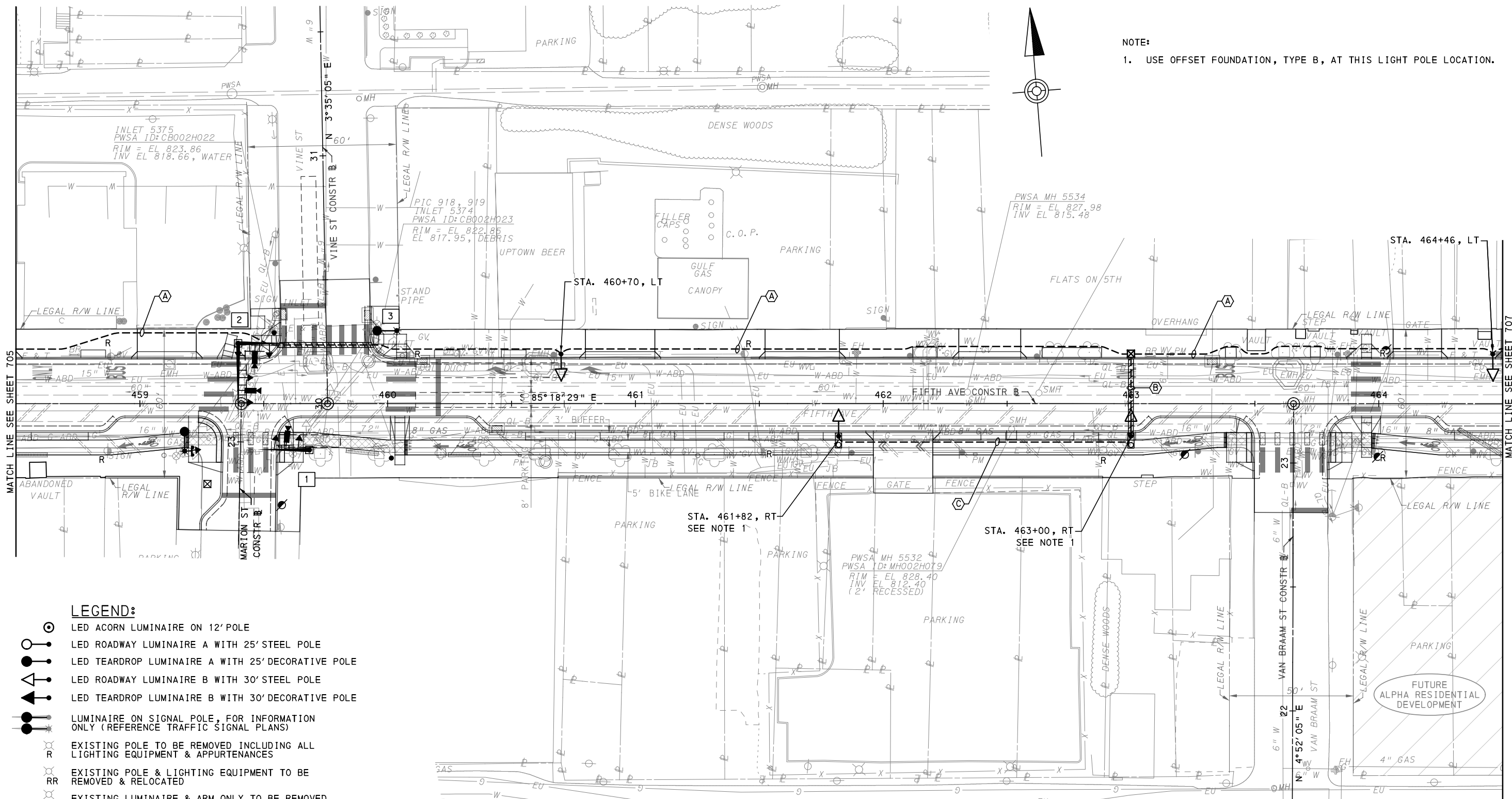
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 454+50 TO STA 458+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001	
DWG. NO. LP11	SHT. 705



NOTE:
1. USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
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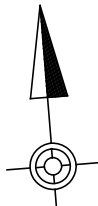
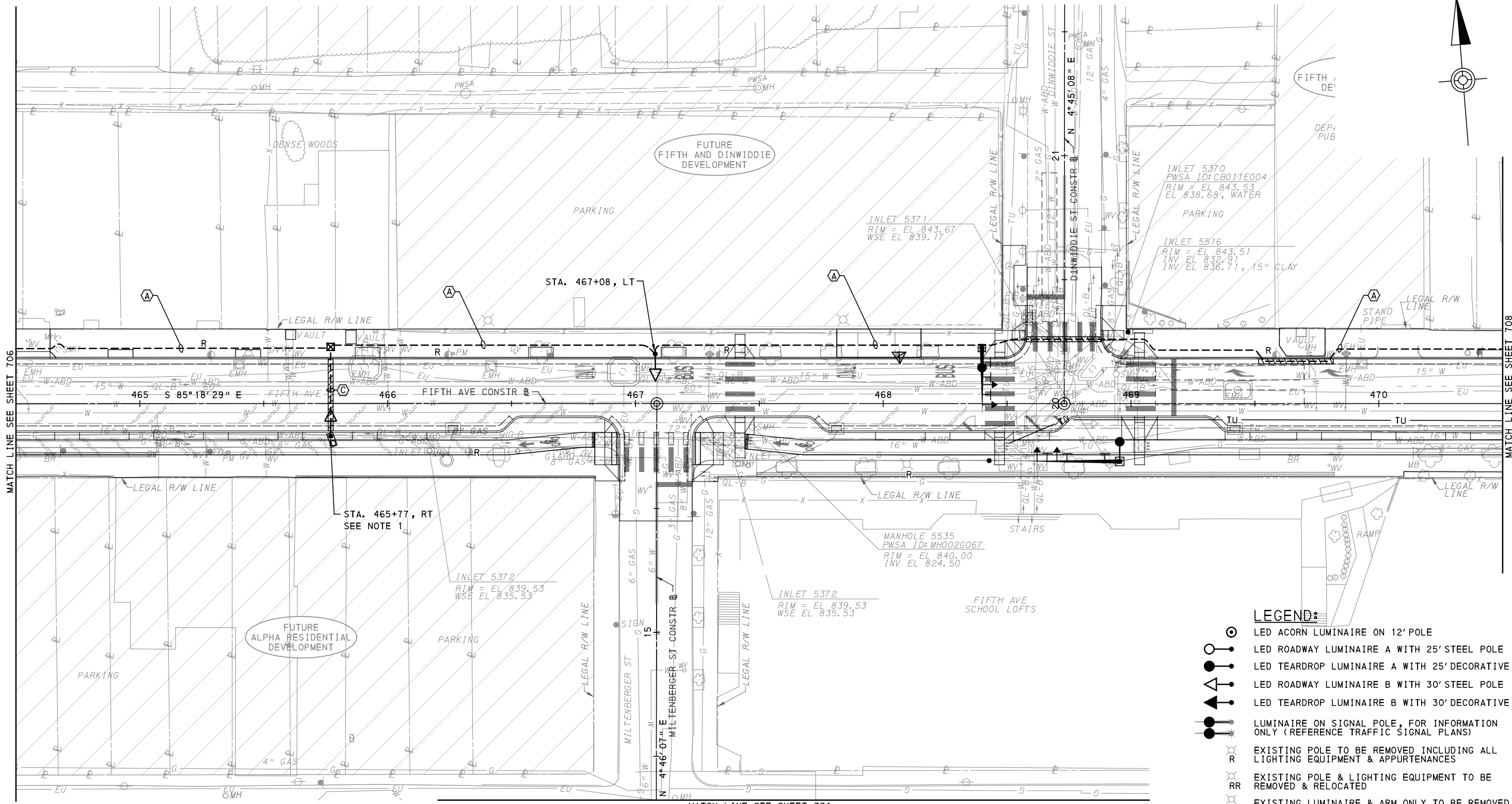
[FOR ROADWAY PLAN SEE SHEET 362]

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FIFTH AVE - STA 458+50 TO STA 464+50

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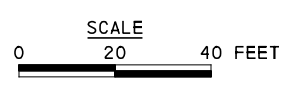
CONTRACT NO. BRT-001
DWG. NO. LP12 SHT. 706



MATCH LINE SEE SHEET 706

MATCH LINE SEE SHEET 708

- NOTE:**
- USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.



- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
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 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 363]

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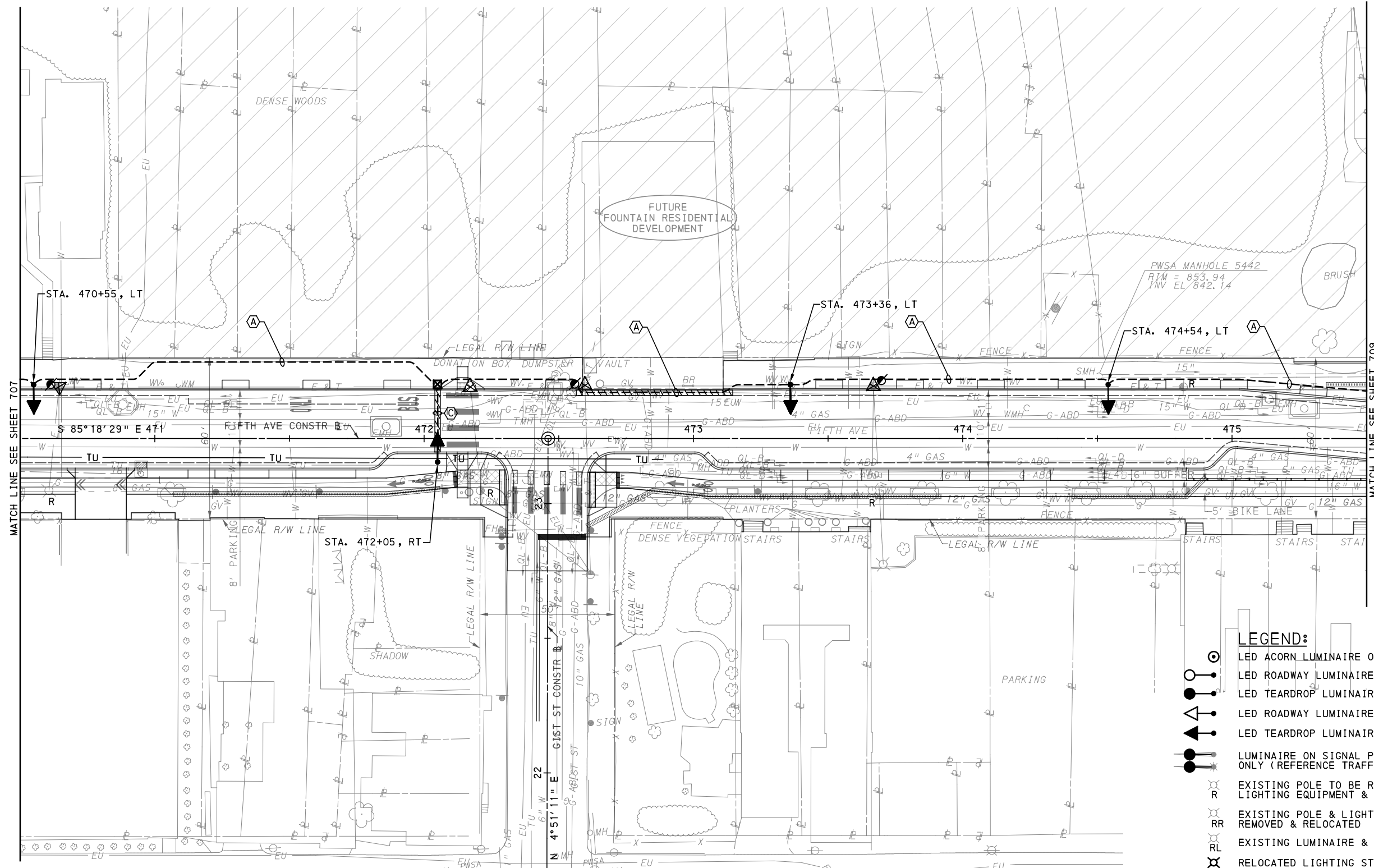
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BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 464+50 TO STA 470+50

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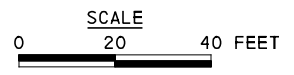
CONTRACT NO. BRT-001
DWG. NO. LP13
SHT. 707



MATCH LINE SEE SHEET 707

MATCH LINE SEE SHEET 709

MATCH LINE SEE SHEET 732



- (A) 3*6, #6G, 2" CONDUIT
- (C) 2*6, #6G, 2" CONDUIT

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
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 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 364]

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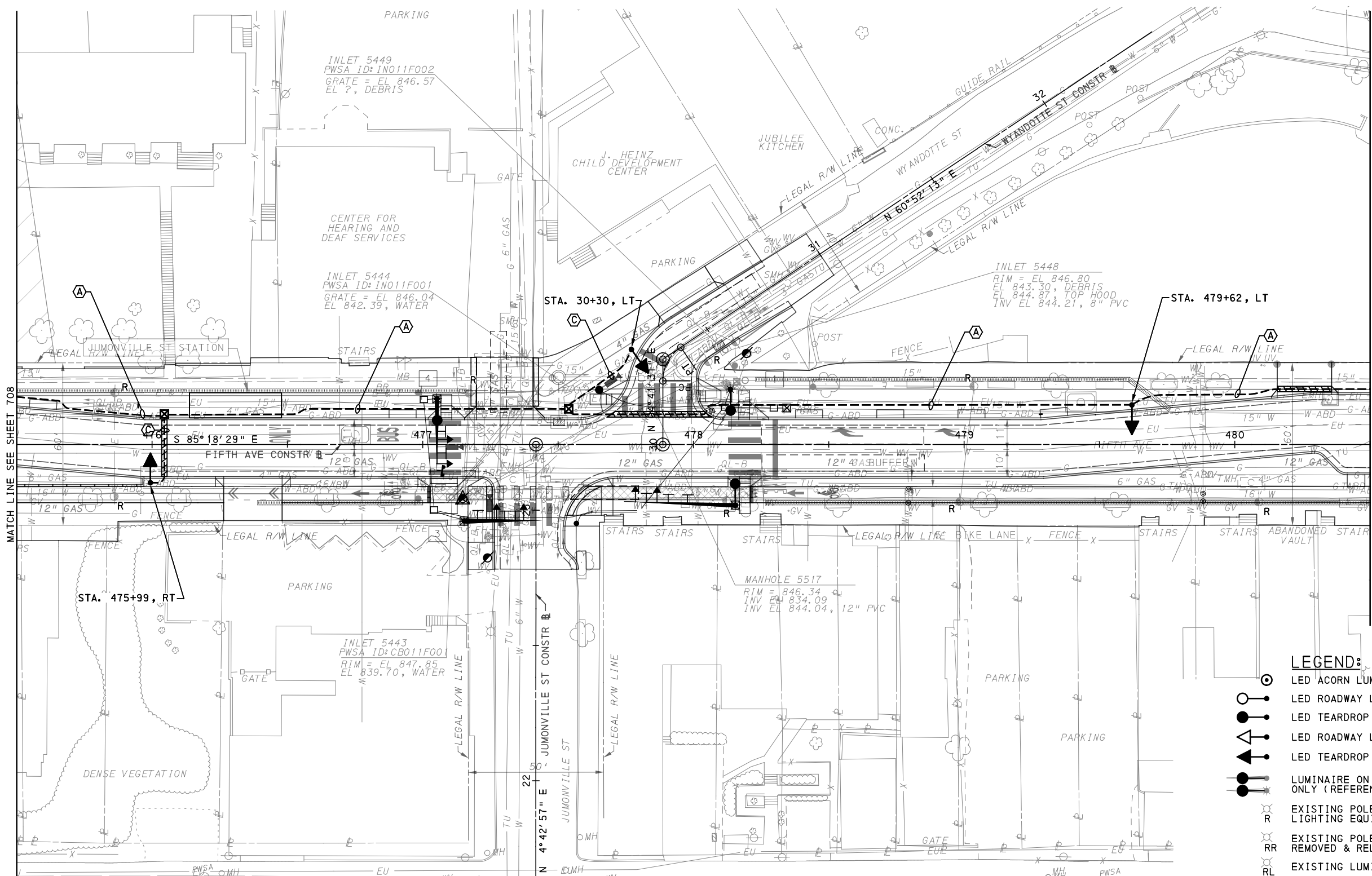
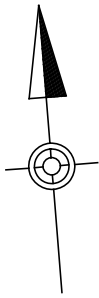
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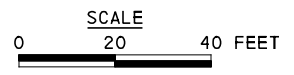
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 470+50 TO STA 475+50
Port Authority connecting people to life®
 CONTRACT NO. BRT-001
 DWG. NO. LP14 SHT. 708



- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



- 3#6, #6G, 2" CONDUIT
- 2#6, #6G, 2" CONDUIT

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

SANTANGELO LINDSAY
 ELECTRICAL ENGINEERS
 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
 PHONE: (724) 847-0407
 FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

DESIGNED	MEM
DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

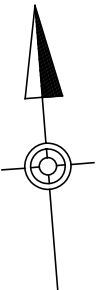
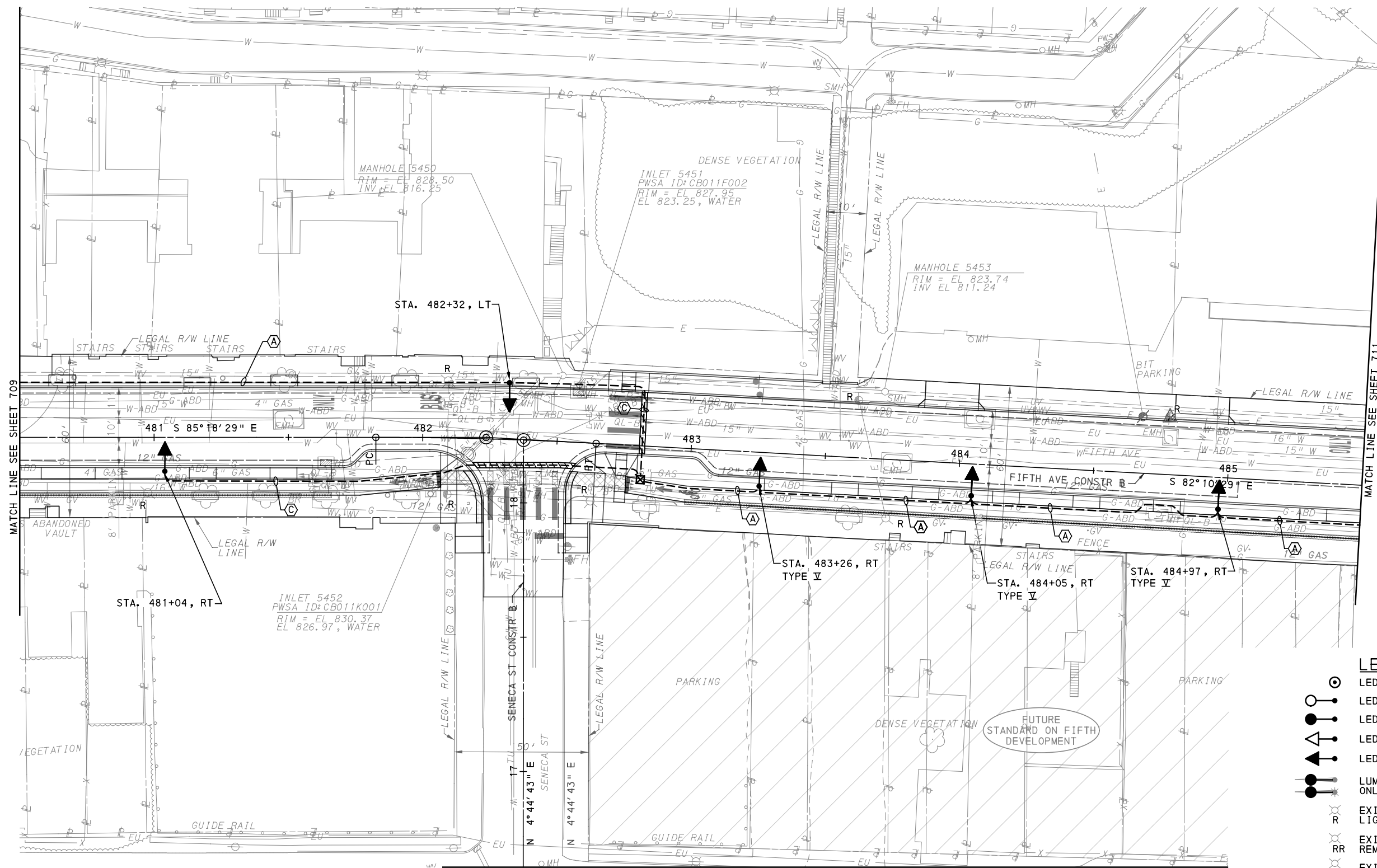
[FOR ROADWAY PLAN SEE SHEET 365]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 475+50 TO STA 480+50

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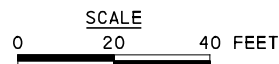
CONTRACT NO. BRT-001	
DWG. NO. LP15	SHT. 709



MATCH LINE SEE SHEET 709

MATCH LINE SEE SHEET 711

MATCH LINE SEE SHEET 734



- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 366]

AECOM
Gulf Tower
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PHONE: (724) 847-0407
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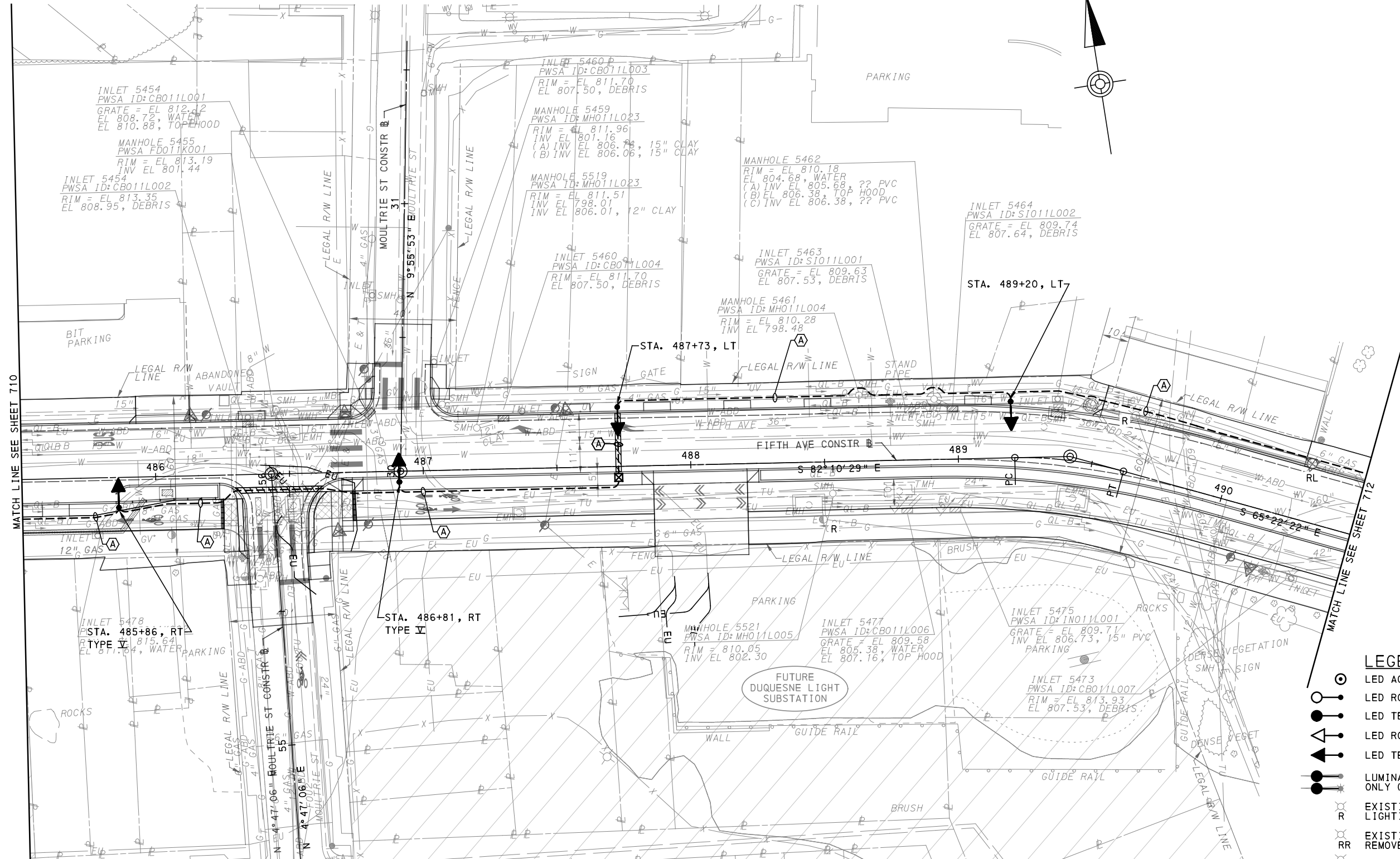
DESIGNED	MEM
DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

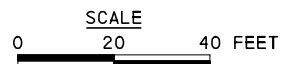
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FIFTH AVE - STA 480+50 TO STA 485+50

Port Authority
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CONTRACT NO. BRT-001
DWG. NO. LP16
SHT. 710



- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
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 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



Ⓐ 3#6, #6G, 2" CONDUIT

[FOR ROADWAY PLAN SEE SHEET 367]

AECOM
Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

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ELECTRICAL ENGINEERS
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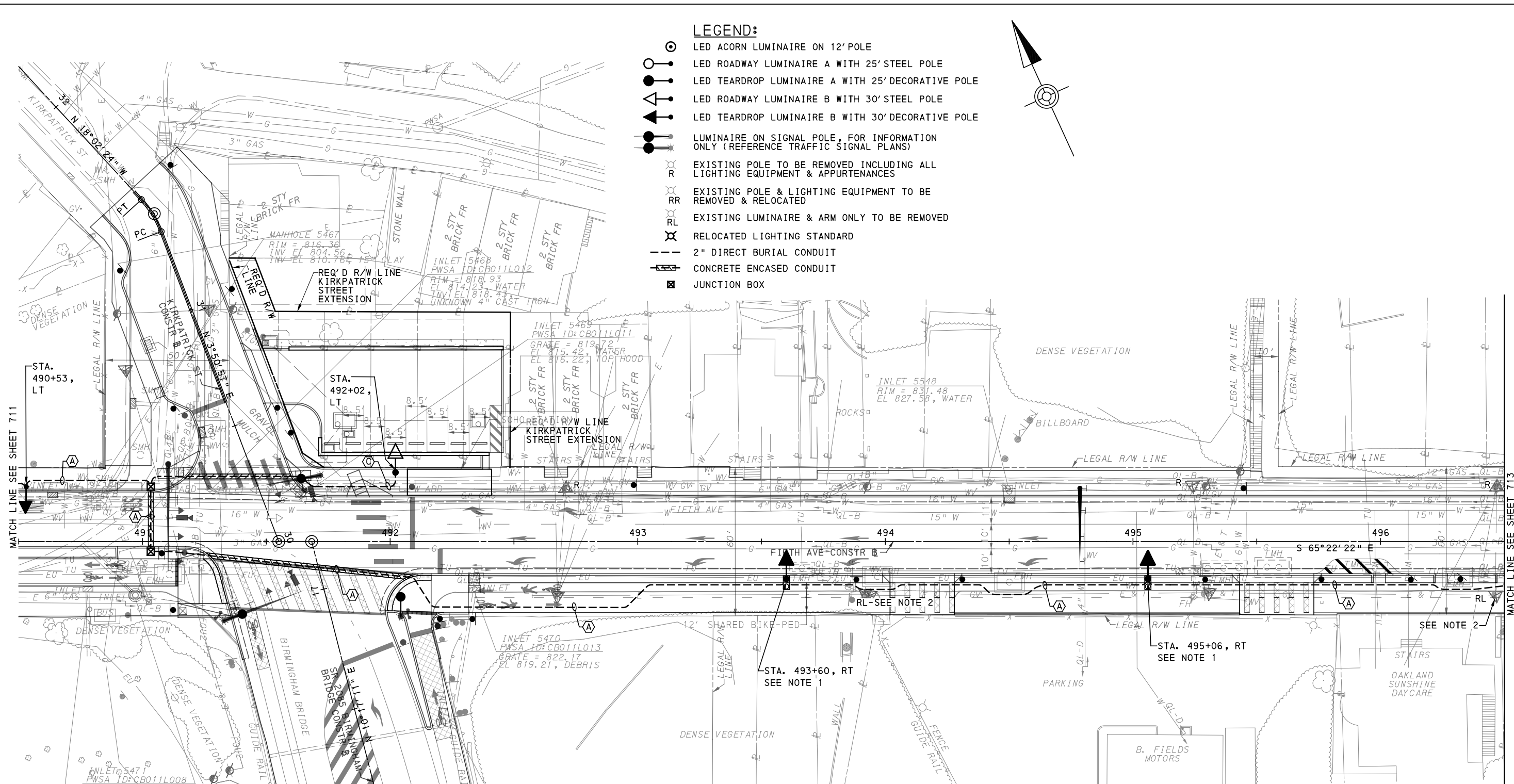
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DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

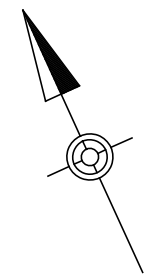
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FIFTH AVE - STA 485+50 TO STA 490+50

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CONTRACT NO. BRT-001
DWG. NO. LP17
SHT. 711



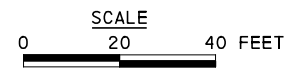
- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



MATCH LINE SEE SHEET 711

MATCH LINE SEE SHEET 713

MATCH LINE SEE SHEET 736



- 3#6, #6G, 2" CONDUIT
- 2#6, #6G, 2" CONDUIT

- NOTE:**
1. USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.
 2. THIS LIGHT POLE ALONG WITH LUMINAIRE WILL BE RELOCATED TO OPPOSITE SIDE OF STREET BY DLCO. LUMINAIRE AND ARM TO BE REMOVED AFTER NEW LIGHTING IS INSTALLED.
 3. INSTALL BELOW SYSTEMS CONDUIT.

[FOR ROADWAY PLAN SEE SHEET 368]

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

SANTANGELO LINDSAY
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 732 THIRD AVENUE, SUITE 102
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 FAX: (724) 847-0673

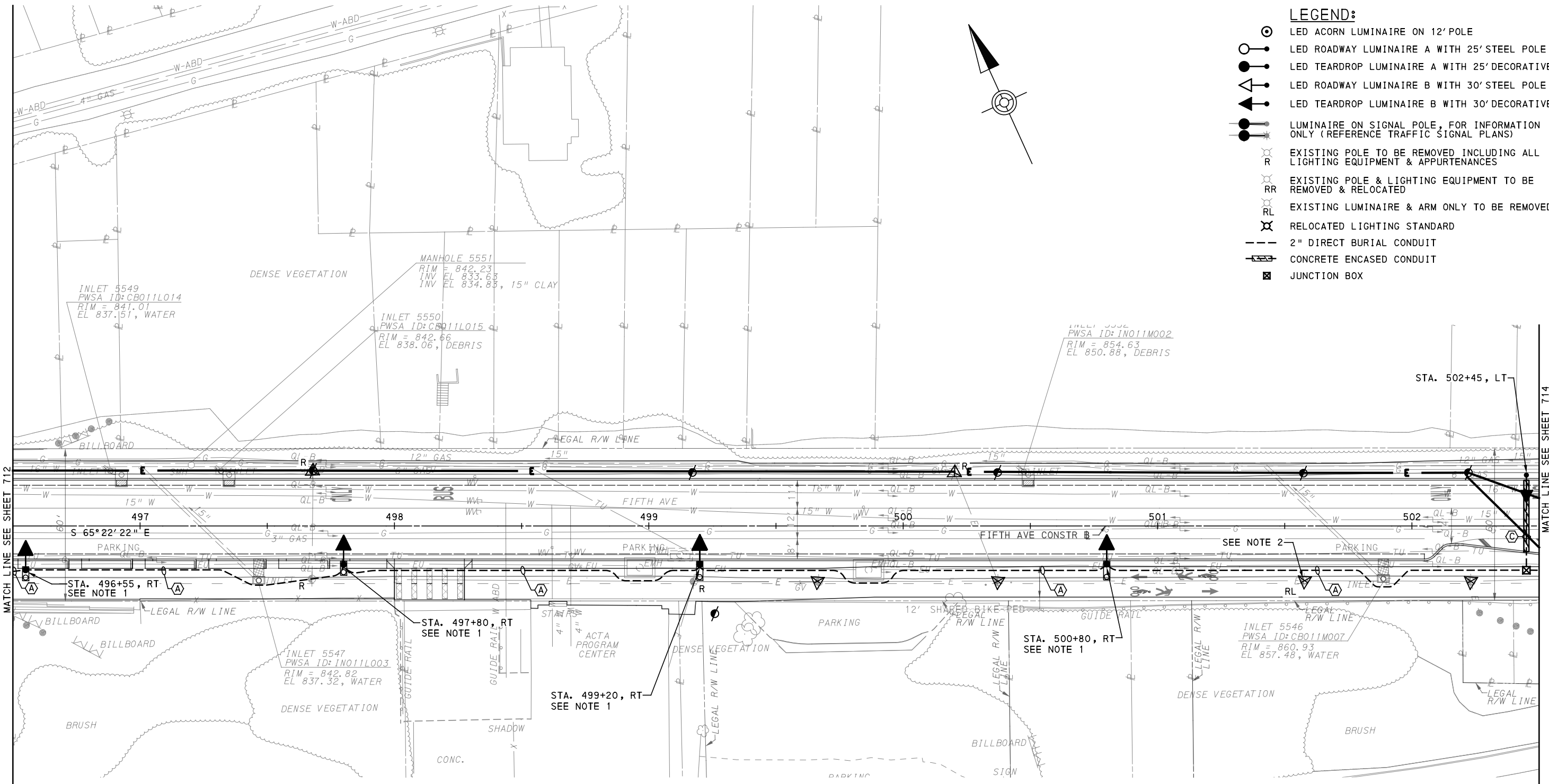
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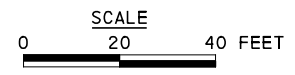
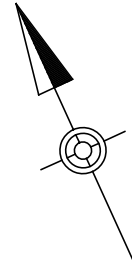
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 490+50 TO STA 496+50
Port Authority connecting people to life®
 CONTRACT NO. BRT-001
 DWG. NO. LP18 SHT. 712



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



NOTE:

1. USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.
2. THIS UTILITY POLE ALONG WITH LUMINAIRE WILL BE RELOCATED TO OPPOSITE SIDE OF STREET BY DLCO. LUMINAIRE AND ARM TO BE REMOVED AFTER NEW LIGHTING IS INSTALLED.

- 3#6, #6G, 2" CONDUIT
- 2#6, #6G, 2" CONDUIT

[FOR ROADWAY PLAN SEE SHEET 369]

AECOM
 Gulf Tower
 707 Grant Street
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 Pittsburgh, PA 15219

SANTANGELO LINDSAY
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 732 THIRD AVENUE, SUITE 102
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 PHONE: (724) 847-0407
 FAX: (724) 847-0673

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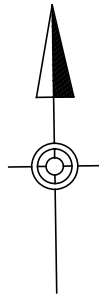
DESIGNED	MEM
DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 496+50 TO STA 502+50

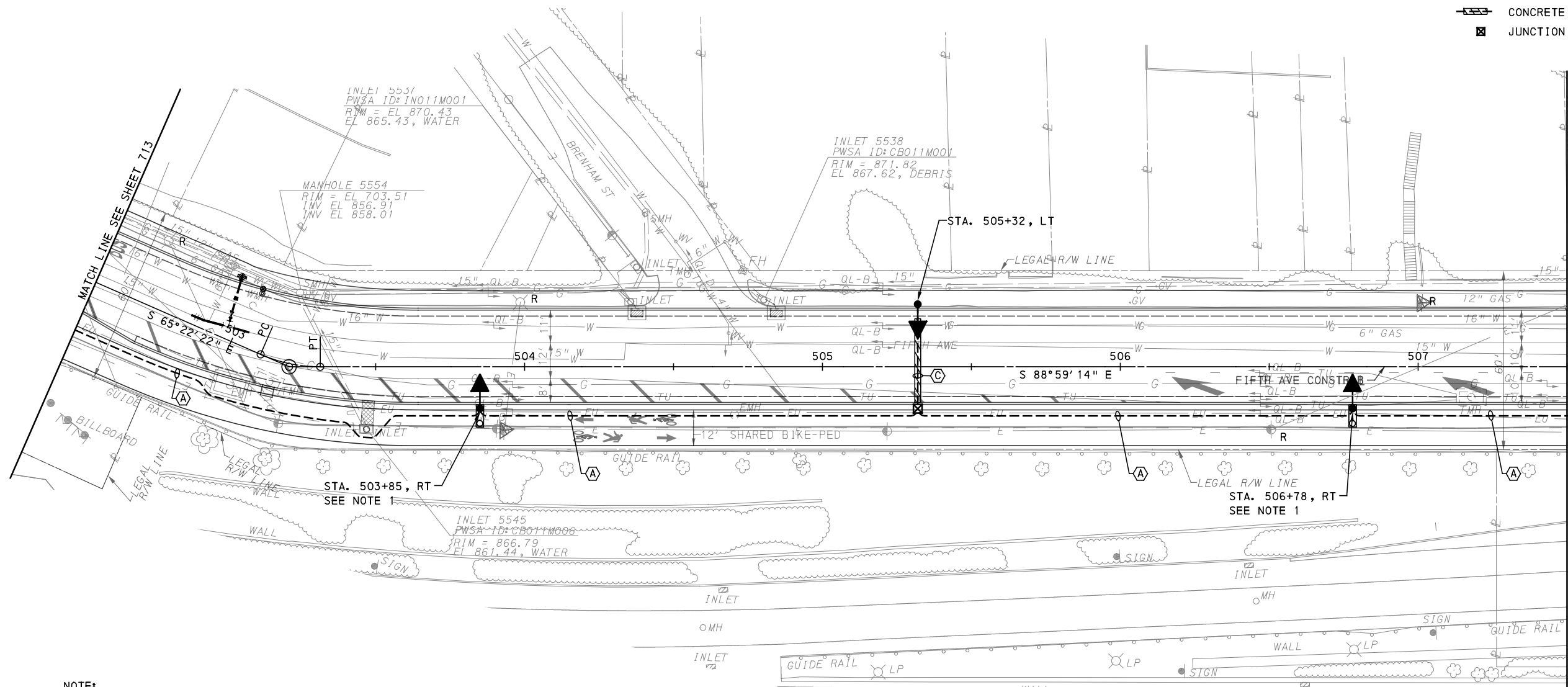
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CONTRACT NO. BRT-001	
DWG. NO. LP19	SHT. 713

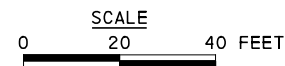


LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



NOTE:
1. USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.



- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT

(FOR ROADWAY PLAN SEE SHEET 370)



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		

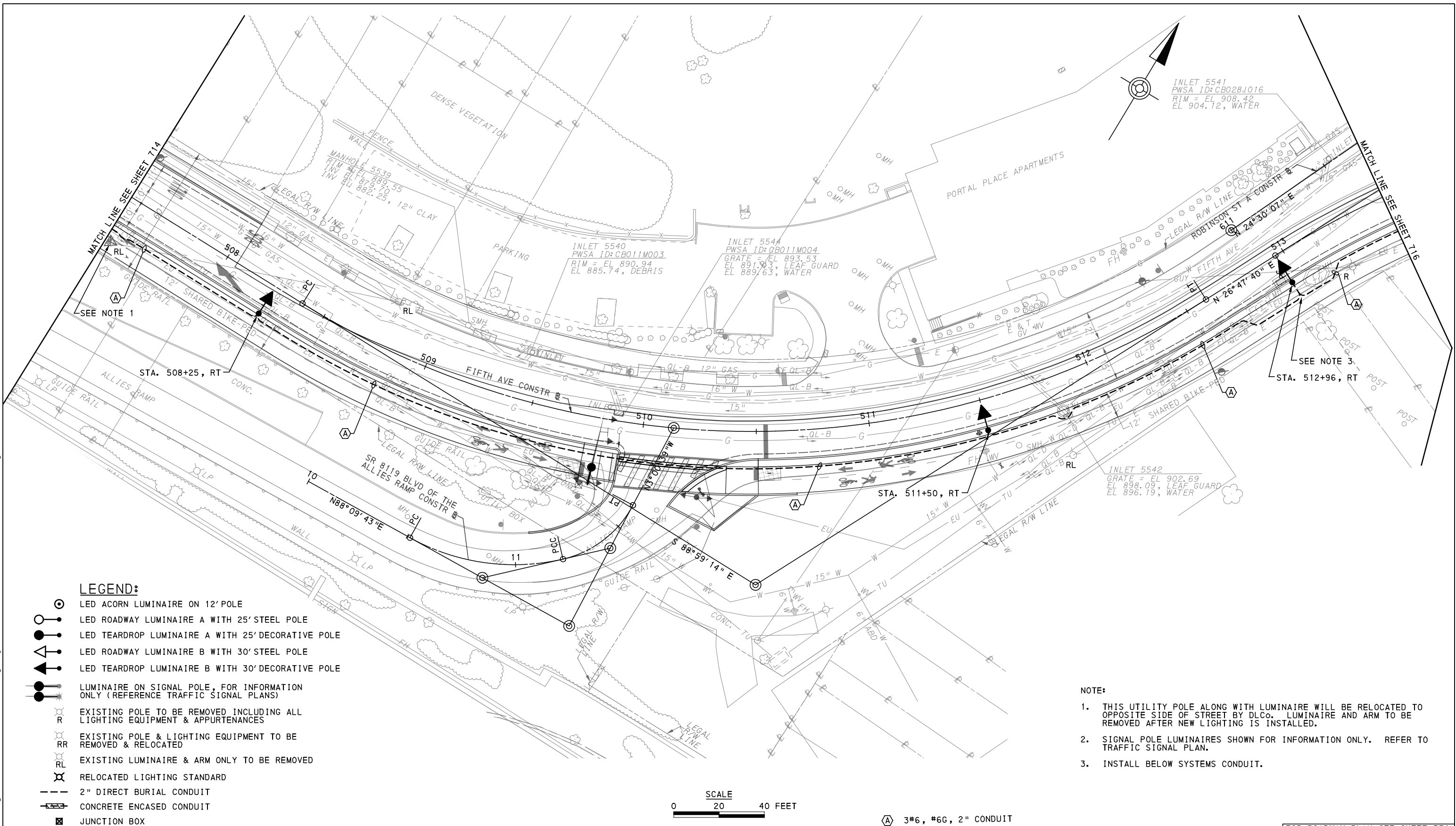
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(NOT FOR CONSTRUCTION)

DESIGNED	MEM
DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
LIGHTING PLANS
FIFTH AVE - STA 502+50 TO STA 507+50

Port Authority connecting people to life™	CONTRACT NO. BRT-001	
	DWG. NO. LP20	SHT. 714

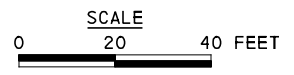


LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
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- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

NOTE:

1. THIS UTILITY POLE ALONG WITH LUMINAIRE WILL BE RELOCATED TO OPPOSITE SIDE OF STREET BY DLCO. LUMINAIRE AND ARM TO BE REMOVED AFTER NEW LIGHTING IS INSTALLED.
2. SIGNAL POLE LUMINAIRES SHOWN FOR INFORMATION ONLY. REFER TO TRAFFIC SIGNAL PLAN.
3. INSTALL BELOW SYSTEMS CONDUIT.



(A) 3#6, #6G, 2" CONDUIT

[FOR ROADWAY PLAN SEE SHEET 371]

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 Gulf Tower
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 PHONE: (724) 847-0407
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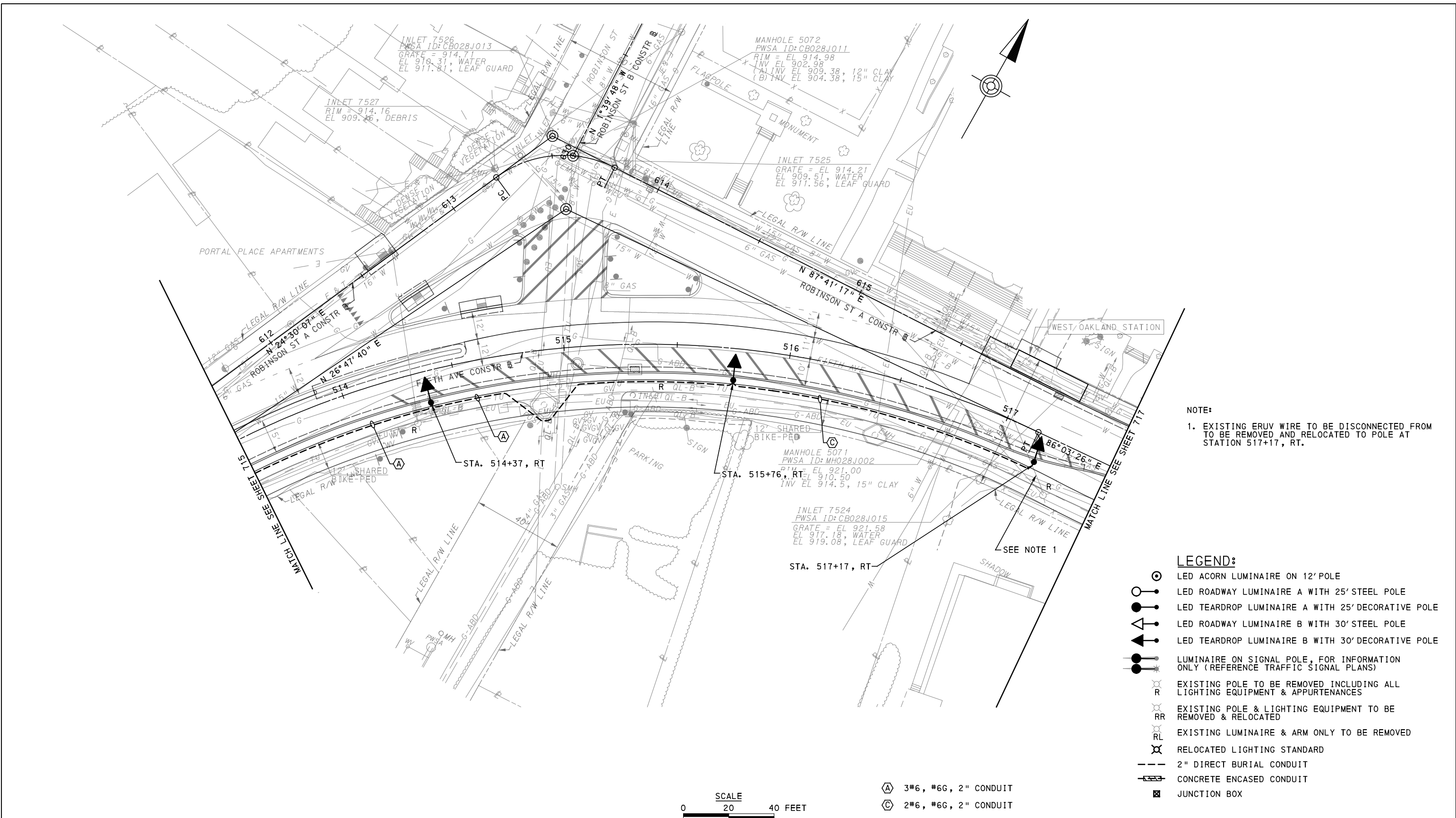
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 PITTSBURGH, PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 507+50 TO STA 513+50

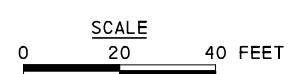
Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. LP21 SHT. 715



NOTE:
 1. EXISTING ERUV WIRE TO BE DISCONNECTED FROM TO BE REMOVED AND RELOCATED TO POLE AT STATION 517+17, RT.

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
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 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



- 3#6, #6G, 2" CONDUIT
- 2#6, #6G, 2" CONDUIT

[FOR ROADWAY PLAN SEE SHEET 372]

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 Gulf Tower
 707 Grant Street
 5th Floor
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SANTANGELO LINDSAY
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










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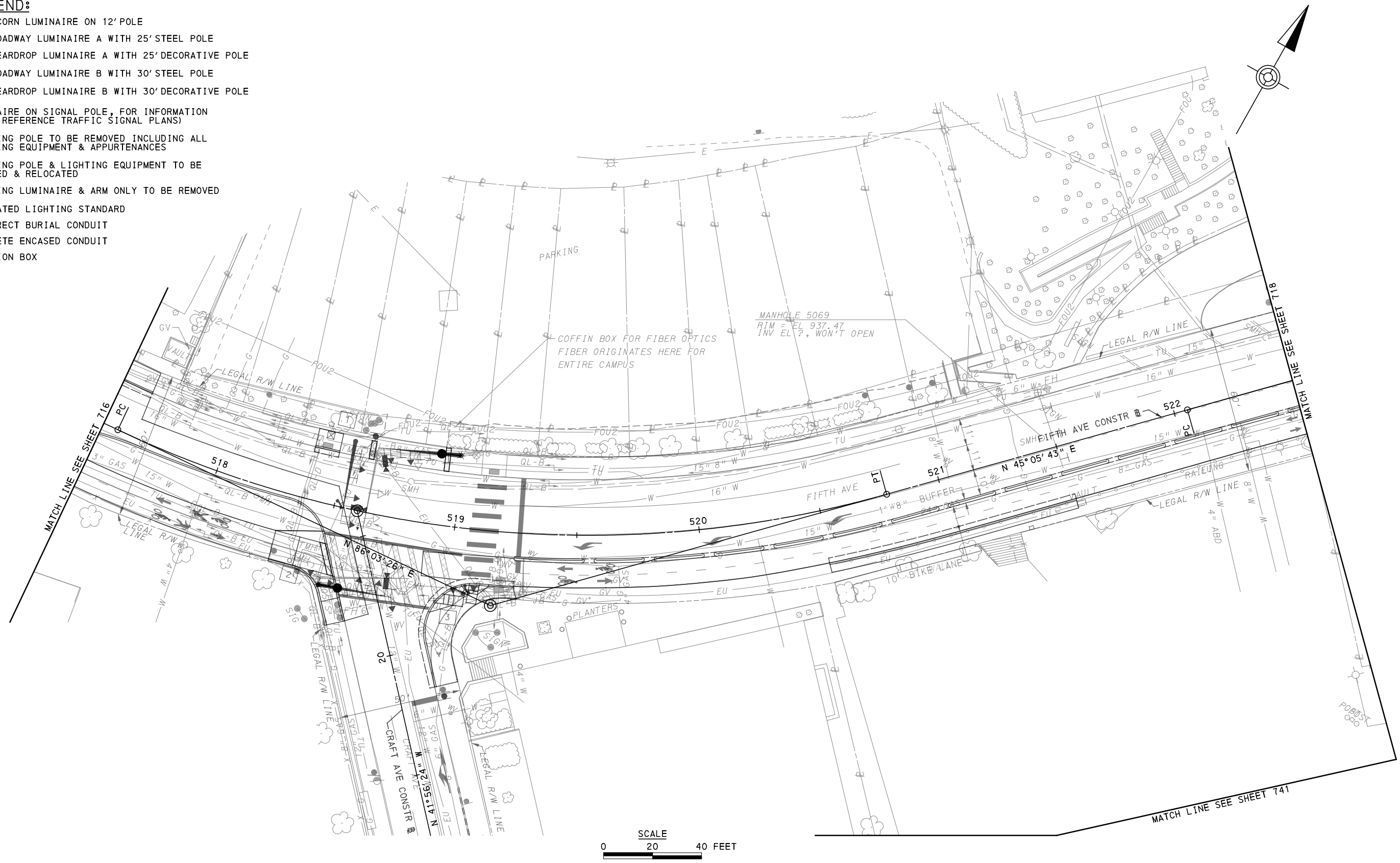
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 513+50 TO STA 517+50

Port Authority connecting people to life®

CONTRACT NO. BRT-001
DWG. NO. LP22
SHT. 716

LEGEND:

-  LED ACORN LUMINAIRE ON 12' POLE
-  LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
-  LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
-  LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
-  LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
-  LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
-  EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
-  EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
-  EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
-  RELOCATED LIGHTING STANDARD
-  2" DIRECT BURIAL CONDUIT
-  CONCRETE ENCASED CONDUIT
-  JUNCTION BOX



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CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

[FOR ROADWAY PLAN SEE SHEET 373]

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

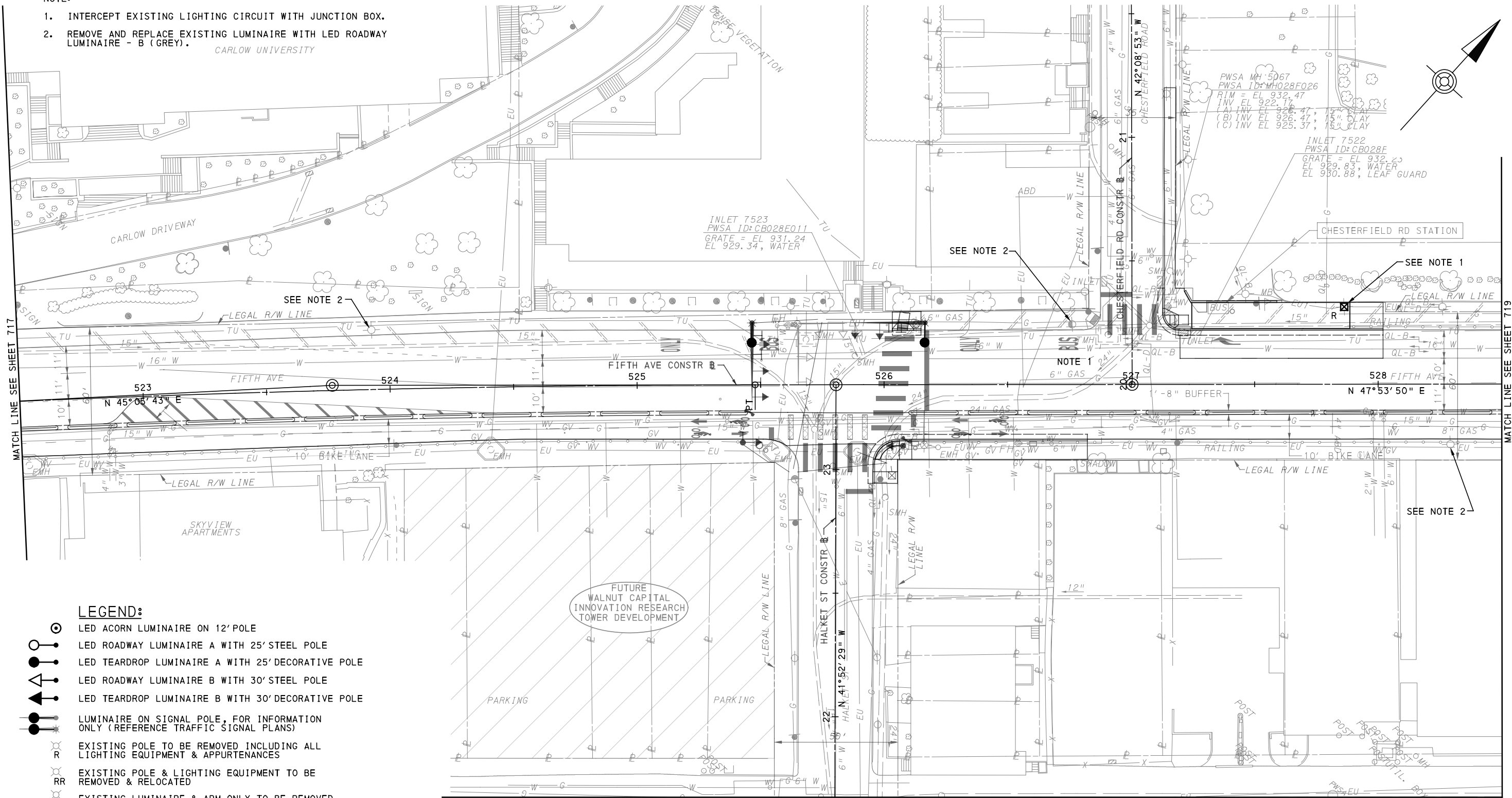
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FIFTH AVE - STA 517+50 TO STA 522+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. LP23 SHT. 717

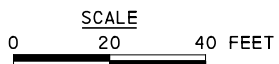
- NOTE:**
1. INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX.
 2. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).

CARLOW UNIVERSITY



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



Gulf Tower
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Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

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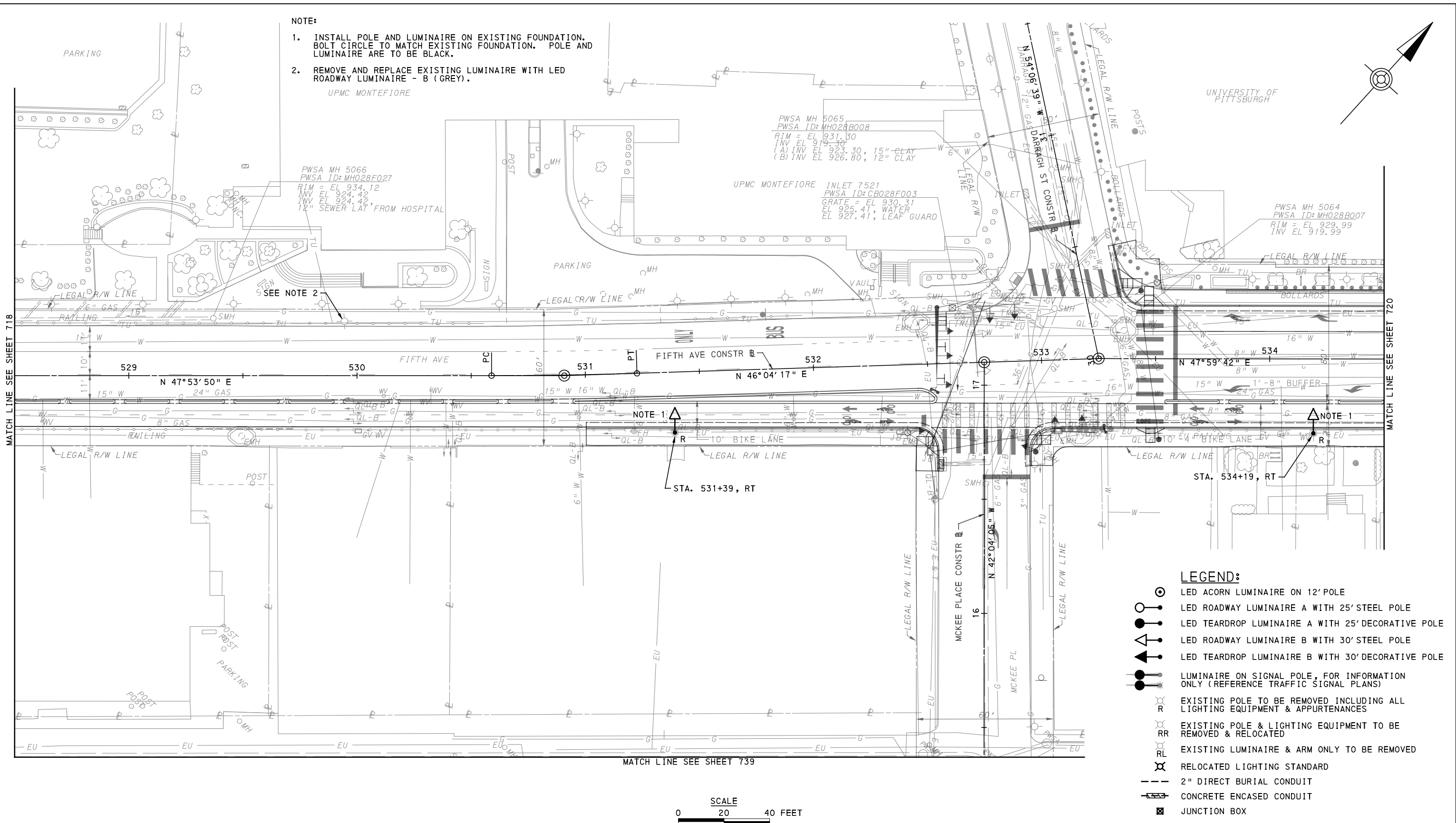
[FOR ROADWAY PLAN SEE SHEET 374]

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FIFTH AVE - STA 522+50 TO STA 528+50

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CONTRACT NO. BRT-001
DWG. NO. LP24
SHT. 718

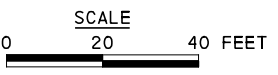


NOTE:

- INSTALL POLE AND LUMINAIRE ON EXISTING FOUNDATION. BOLT CIRCLE TO MATCH EXISTING FOUNDATION. POLE AND LUMINAIRE ARE TO BE BLACK.
- REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).

UPMC MONTEFIORE

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



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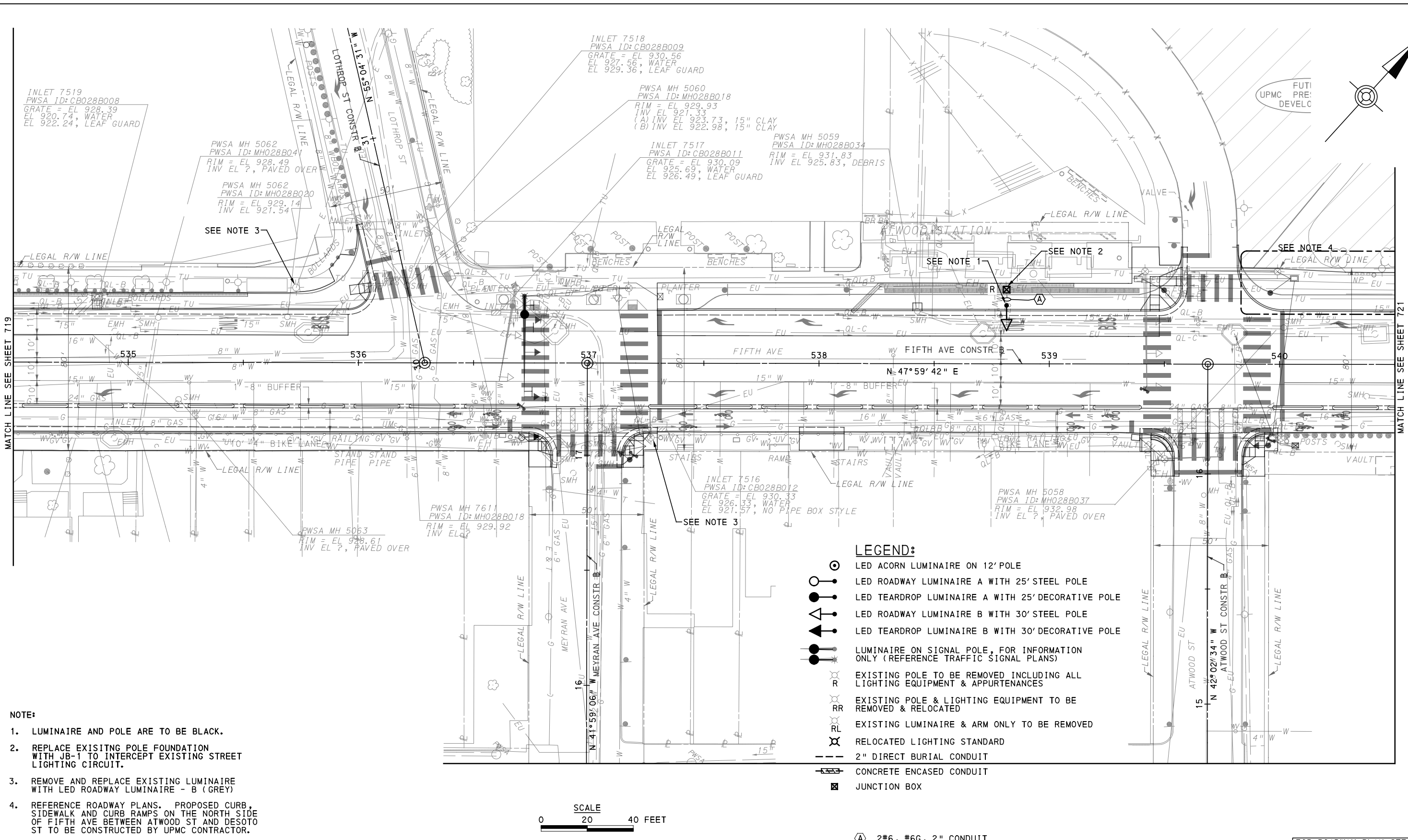
[FOR ROADWAY PLAN SEE SHEET 375]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

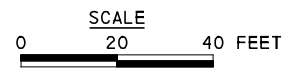
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 528+50 TO STA 534+50

Port Authority connecting people to life®

CONTRACT NO. BRT-001
DWG. NO. LP25
SHT. 719



- NOTE:**
- LUMINAIRE AND POLE ARE TO BE BLACK.
 - REPLACE EXISTING POLE FOUNDATION WITH JB-1 TO INTERCEPT EXISTING STREET LIGHTING CIRCUIT.
 - REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY)
 - REFERENCE ROADWAY PLANS. PROPOSED CURB, SIDEWALK AND CURB RAMPS ON THE NORTH SIDE OF FIFTH AVE BETWEEN ATWOOD ST AND DESOTO ST TO BE CONSTRUCTED BY UPMC CONTRACTOR.



(A) 2#6, #6G, 2" CONDUIT

[FOR ROADWAY PLAN SEE SHEET 376]

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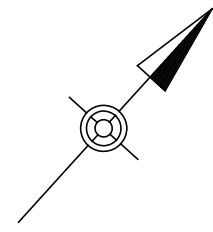
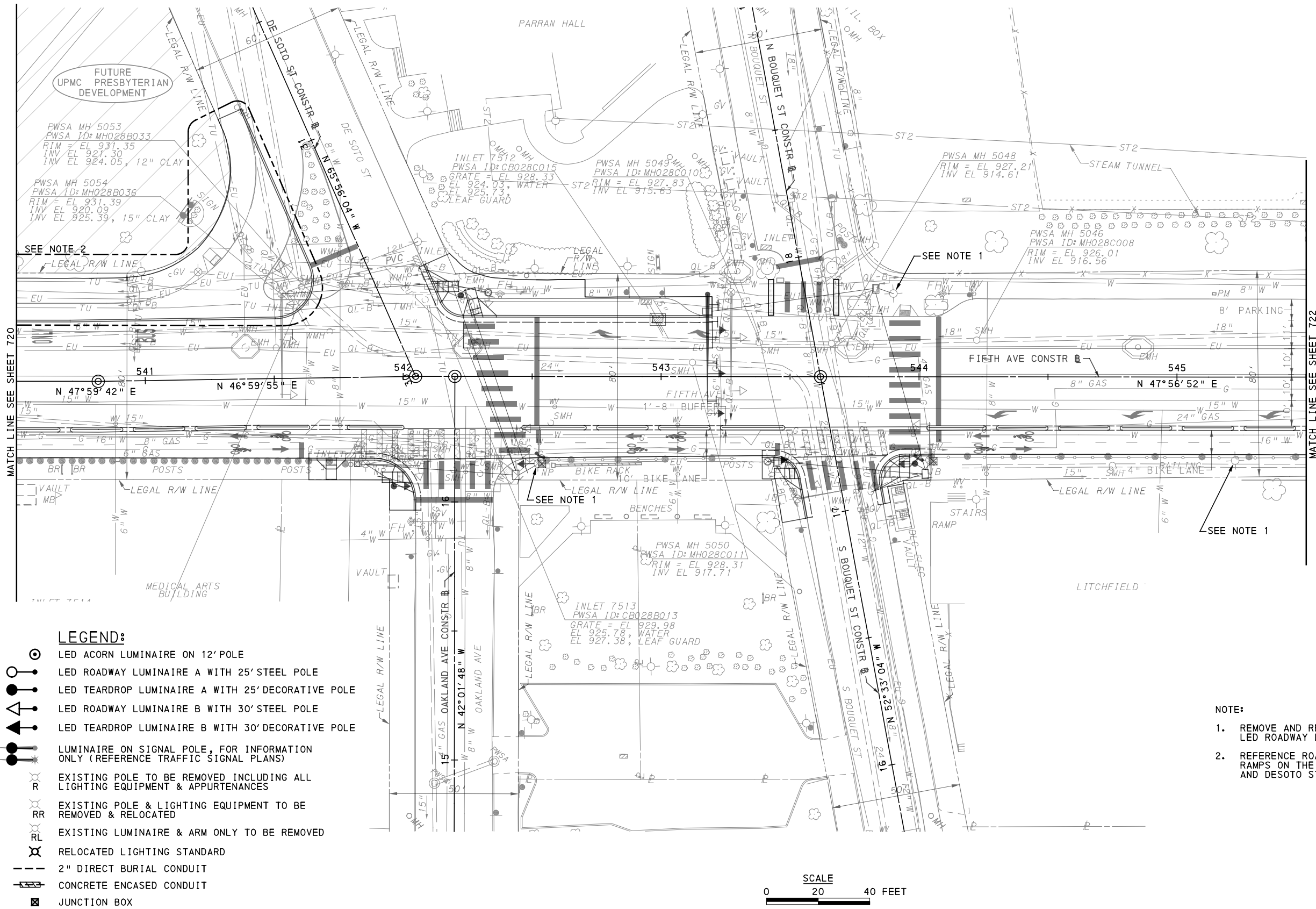
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 534+50 TO STA 540+50

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CONTRACT NO. BRT-001
DWG. NO. LP26
SHT. 720



SEE NOTE 2

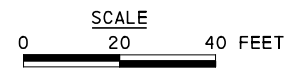
SEE NOTE 1

SEE NOTE 1

SEE NOTE 1

- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

- NOTE:**
1. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).
 2. REFERENCE ROADWAY PLANS. PROPOSED CURB, SIDEWALK AND CURB RAMPS ON THE NORTH SIDE OF FIFTH AVE BETWEEN ATWOOD ST AND DESOTO ST TO BE CONSTRUCTED BY UPMC CONTRACTOR.



[FOR ROADWAY PLAN SEE SHEET 377]

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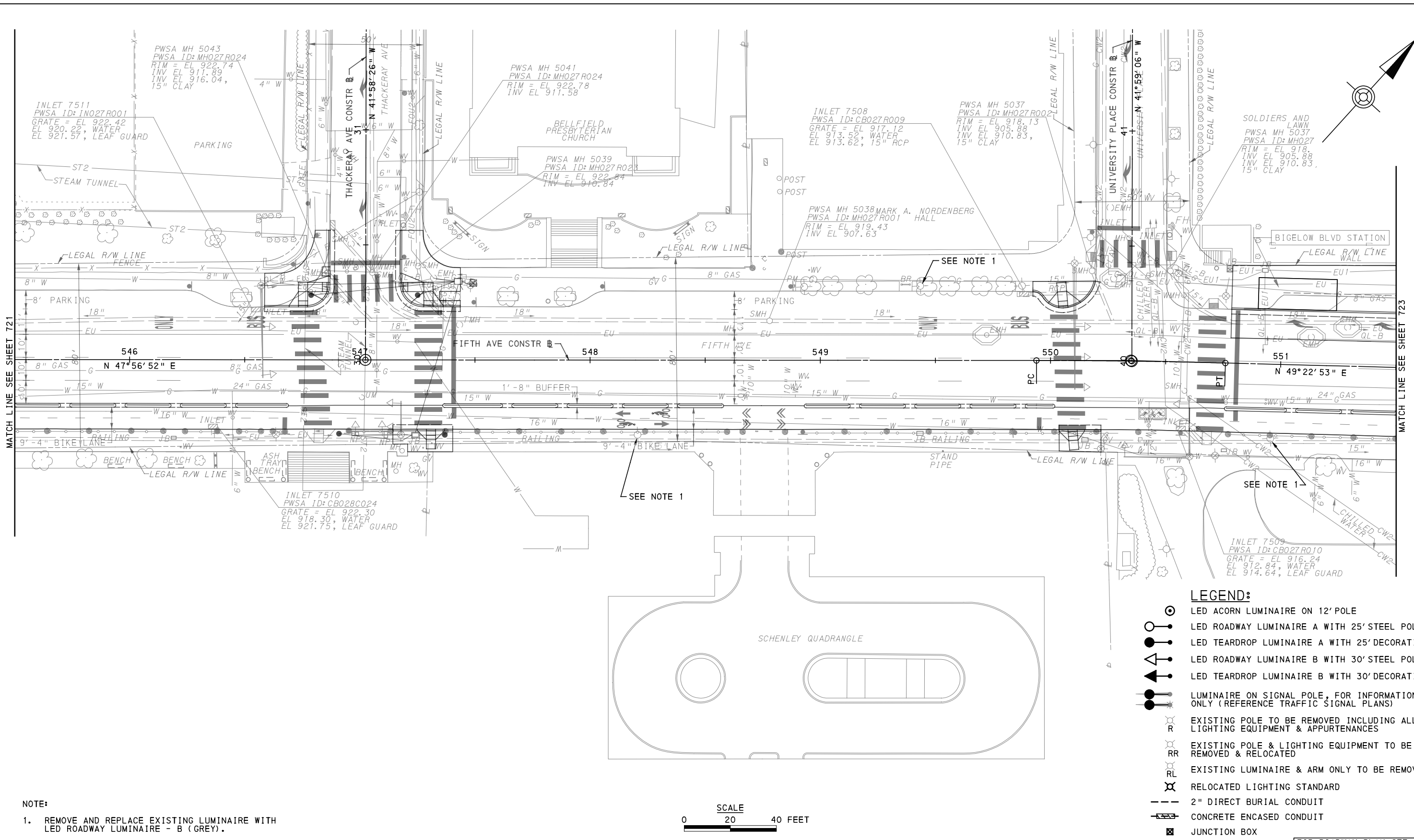
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PORT AUTHORITY OF ALLEGHENY COUNTY
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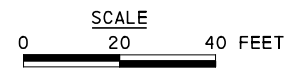
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 540+50 TO STA 545+50

Port Authority
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CONTRACT NO. BRT-001
DWG. NO. LP27
SHT. 721



NOTE:
 1. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).



- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

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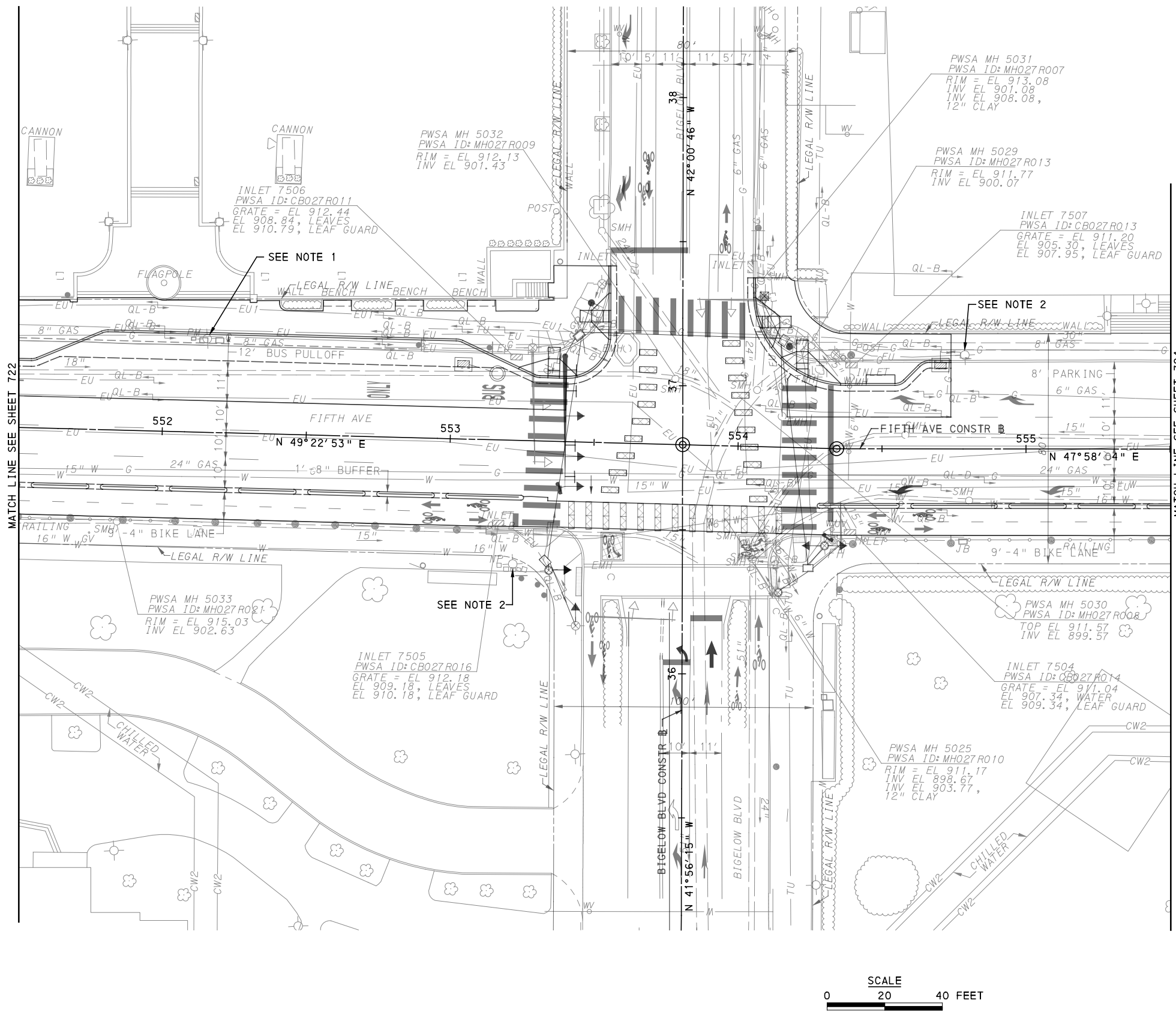
(FOR ROADWAY PLAN SEE SHEET 378)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

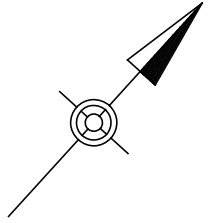
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 545+50 TO STA 551+50

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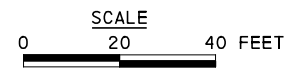
CONTRACT NO. BRT-001
DWG. NO. LP28
SHT. 722



- NOTE:**
1. EXTENET POLE TO BE REMOVED AND RELOCATED. WORK DONE BY OTHERS.
 2. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).



- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



[FOR ROADWAY PLAN SEE SHEET 379]

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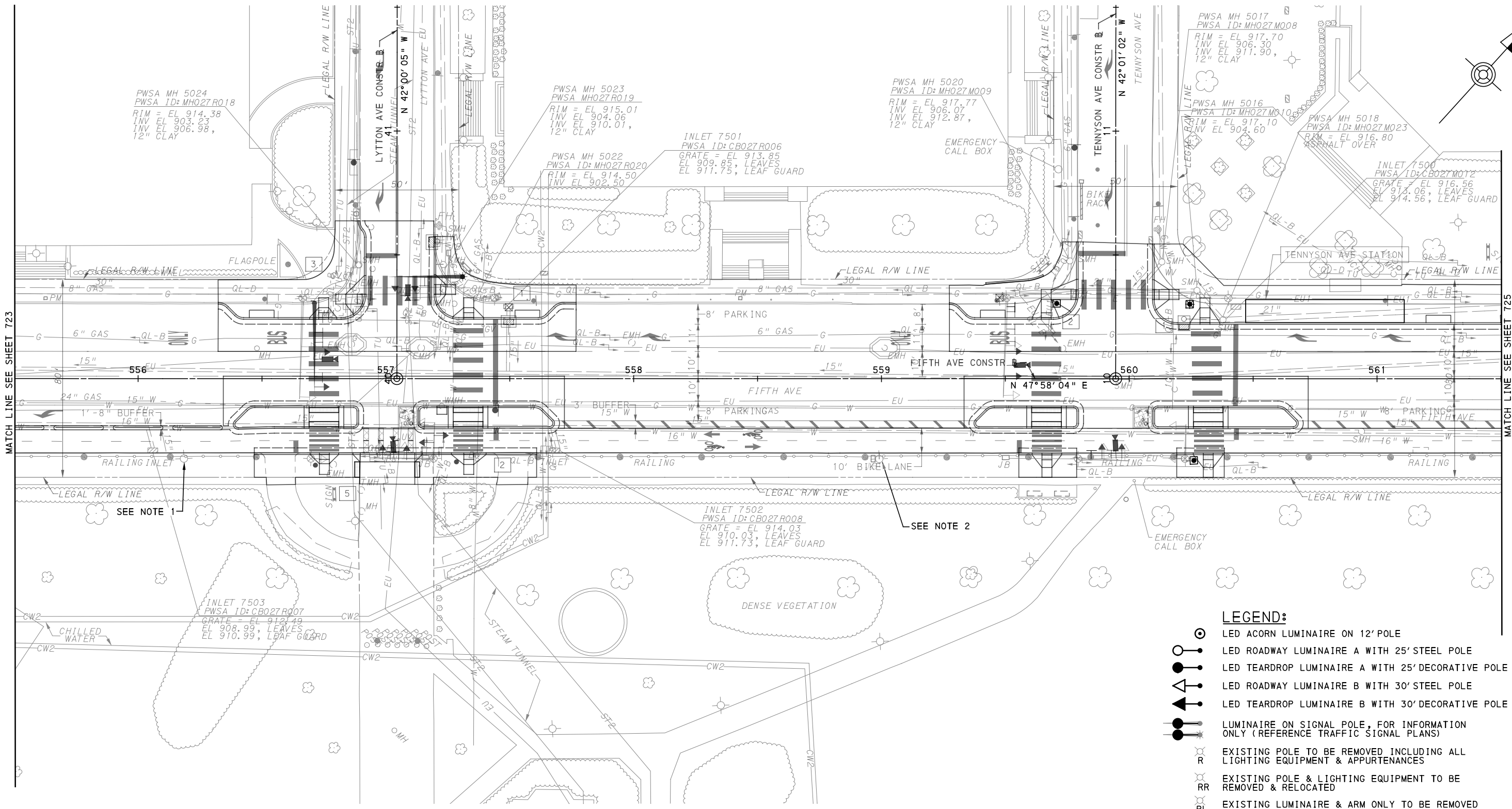
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(NOT FOR CONSTRUCTION)

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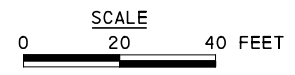
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FIFTH AVE - STA 551+50 TO STA 555+50		
	CONTRACT NO. BRT-001	
	DWG. NO. LP29	SHT. 723



MATCH LINE SEE SHEET 723

MATCH LINE SEE SHEET 725

- NOTE:**
- REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).
 - REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (BLACK).



- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
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 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 380]

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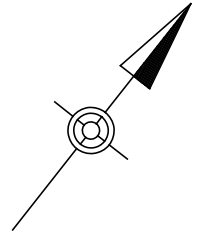
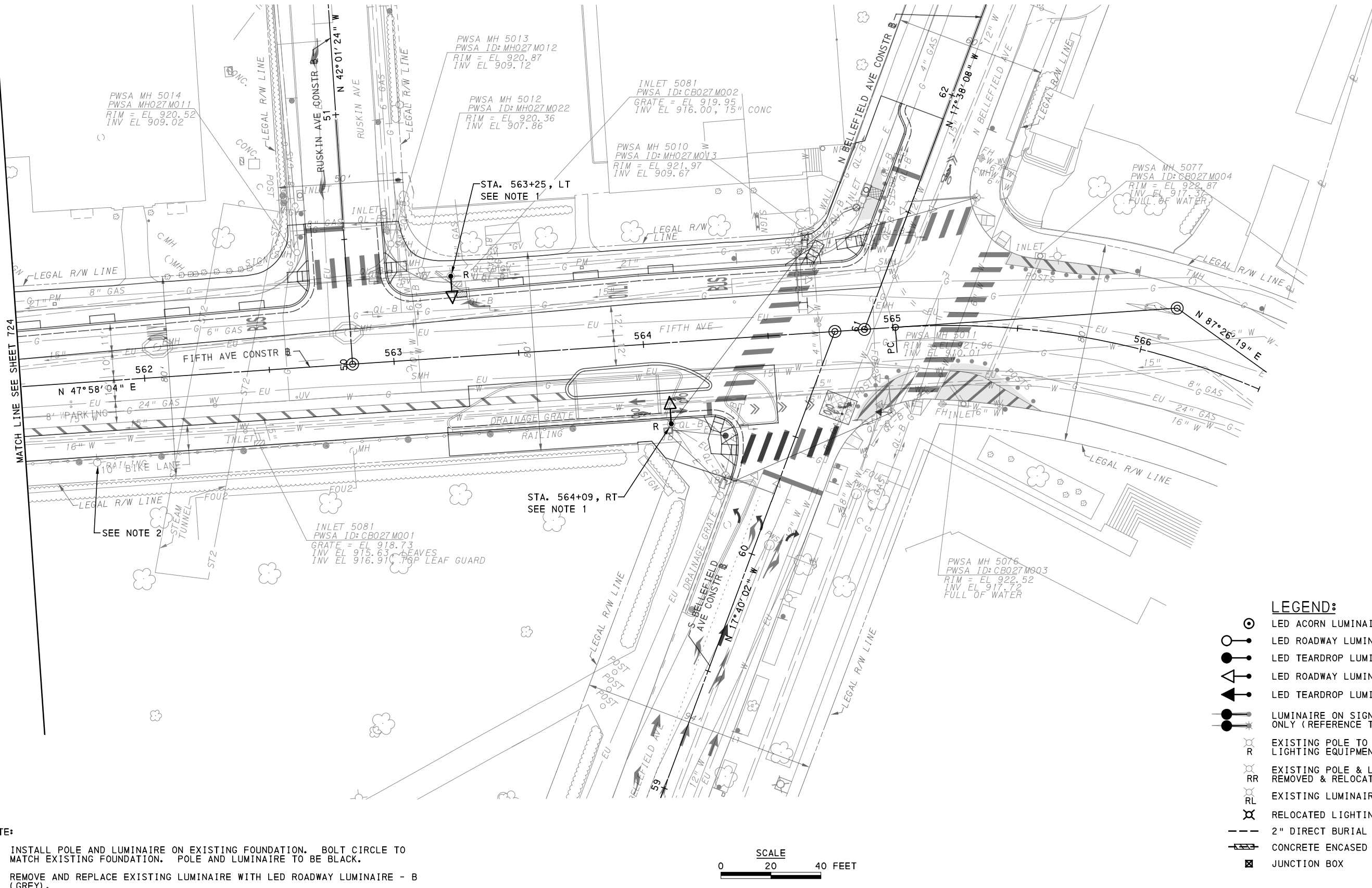
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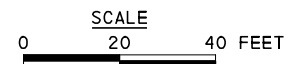
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 555+50 TO STA 561+50
Port Authority connecting people to life®
 CONTRACT NO. BRT-001
 DWG. NO. LP30 SHT. 724



- NOTE:**
1. INSTALL POLE AND LUMINAIRE ON EXISTING FOUNDATION. BOLT CIRCLE TO MATCH EXISTING FOUNDATION. POLE AND LUMINAIRE TO BE BLACK.
 2. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).



- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
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 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 381]

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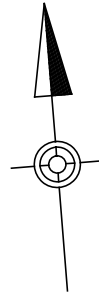
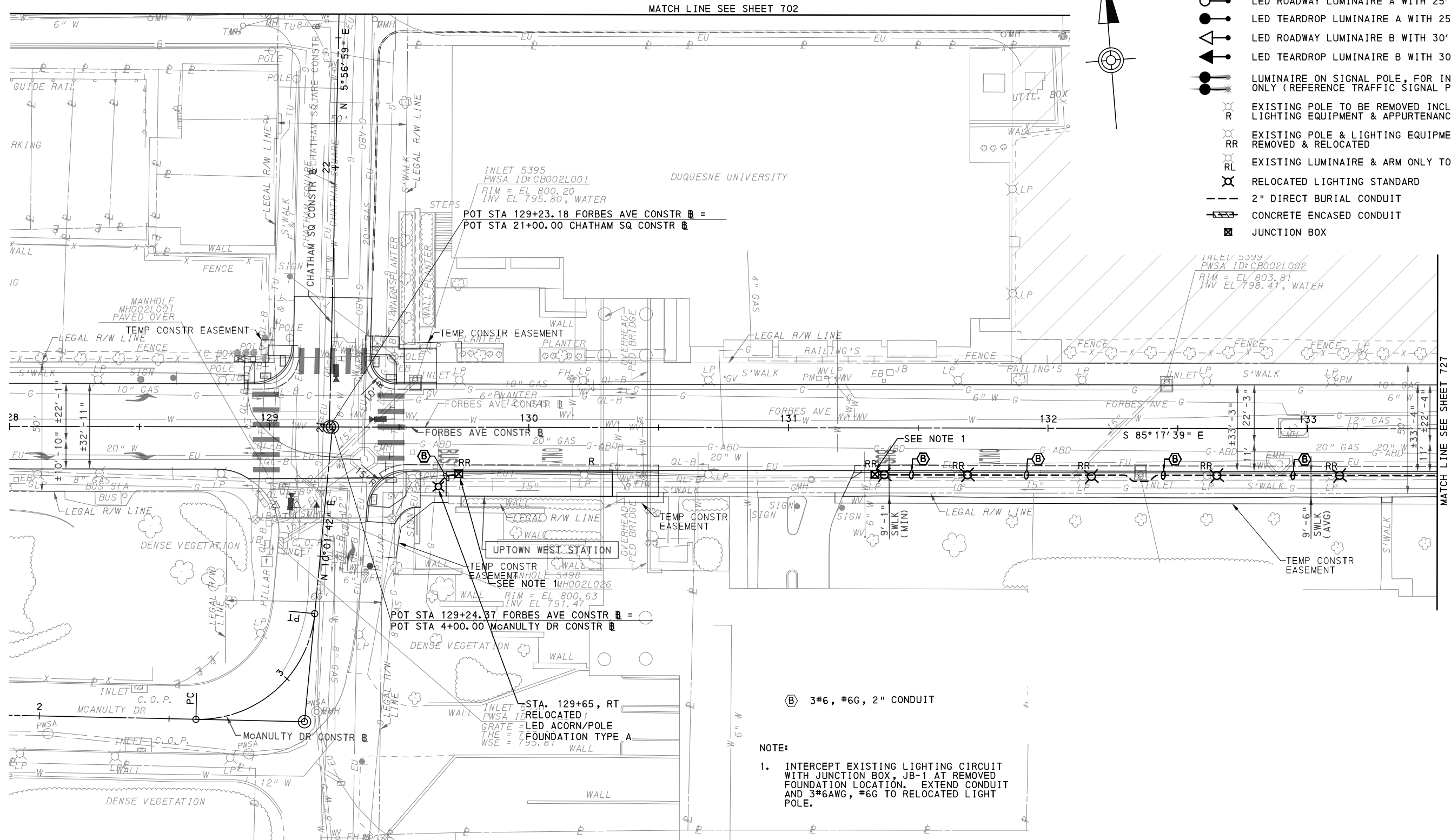
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FIFTH AVE - STA 561+50 TO STA 566+50

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CONTRACT NO. BRT-001
DWG. NO. LP31
SHT. 725



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

MATCH LINE SEE SHEET 702

MATCH LINE SEE SHEET 727

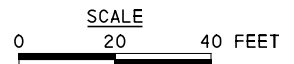
INLET 5395
PWSA ID: CB002L001
RIM = EL 800.20
INV EL 795.80, WATER
POT STA 129+23.18 FORBES AVE CONSTR B =
POT STA 21+00.00 CHATHAM SQ CONSTR B

INLET 5399
PWSA ID: CB002L002
RIM = EL 803.81
INV EL 798.41, WATER

POT STA 129+24.37 FORBES AVE CONSTR B =
POT STA 4+00.00 McANULTY DR CONSTR B

(B) 3#6, #6G, 2" CONDUIT

- NOTE:
- INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX, JB-1 AT REMOVED FOUNDATION LOCATION. EXTEND CONDUIT AND 3#6AWG, #6G TO RELOCATED LIGHT POLE.



(FOR ROADWAY PLAN SEE SHEET 384)

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NO.	DATE	DESCRIPTION
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





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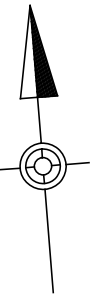
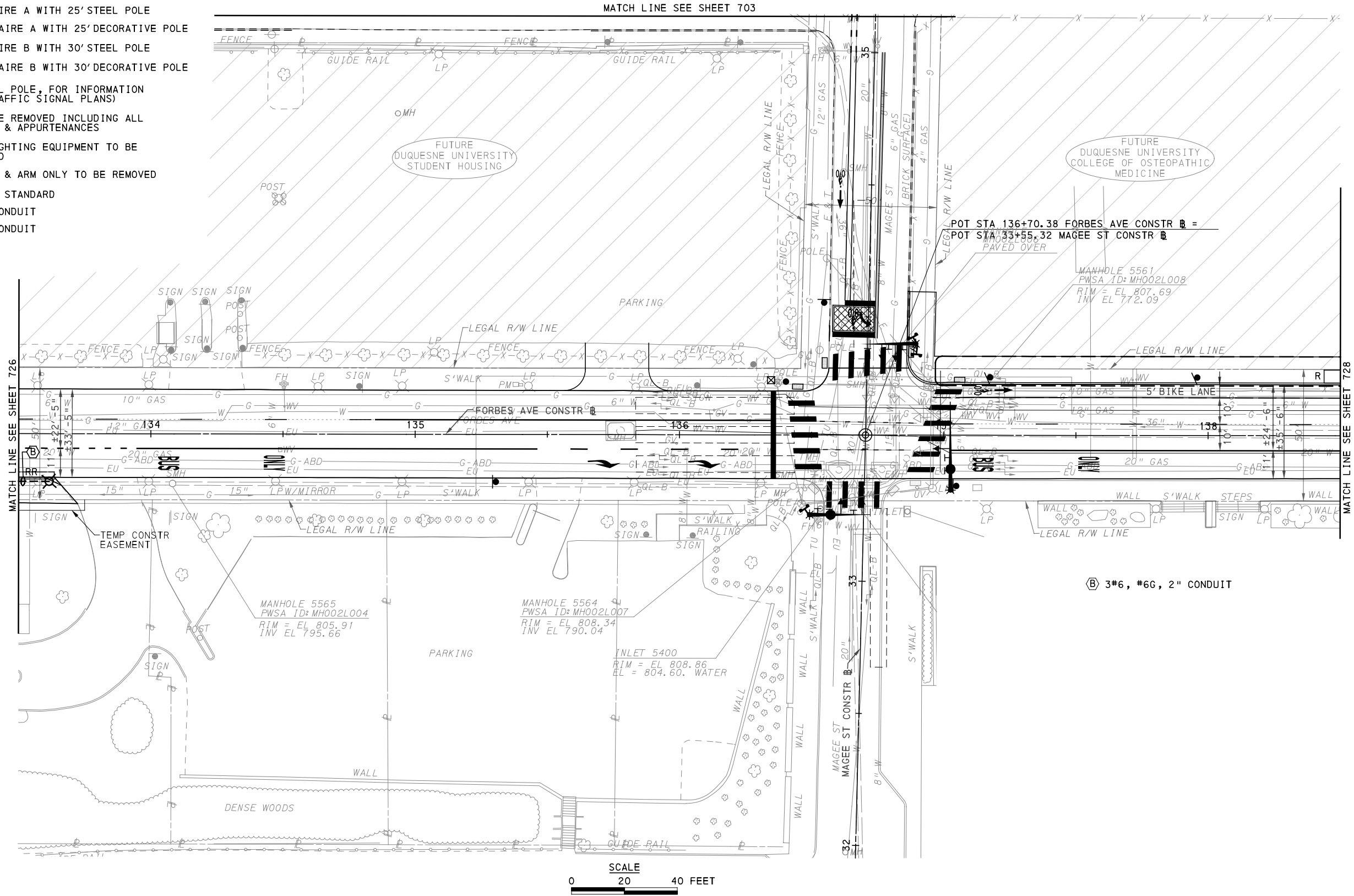
(NOT FOR CONSTRUCTION)

DESIGNED	MEM
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CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FORBES AVE - STA 128+00 TO STA 133+50
Port Authority connecting people to life®
CONTRACT NO. BRT-001
DWG. NO. LP32 SHT. 726

LEGEND:

-  LED ACORN LUMINAIRE ON 12' POLE
-  LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
-  LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
-  LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
-  LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
-  LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
-  EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
-  EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
-  EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
-  RELOCATED LIGHTING STANDARD
-  2" DIRECT BURIAL CONDUIT
-  CONCRETE ENCASED CONDUIT
-  JUNCTION BOX



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		














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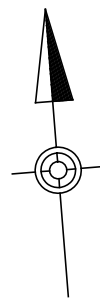
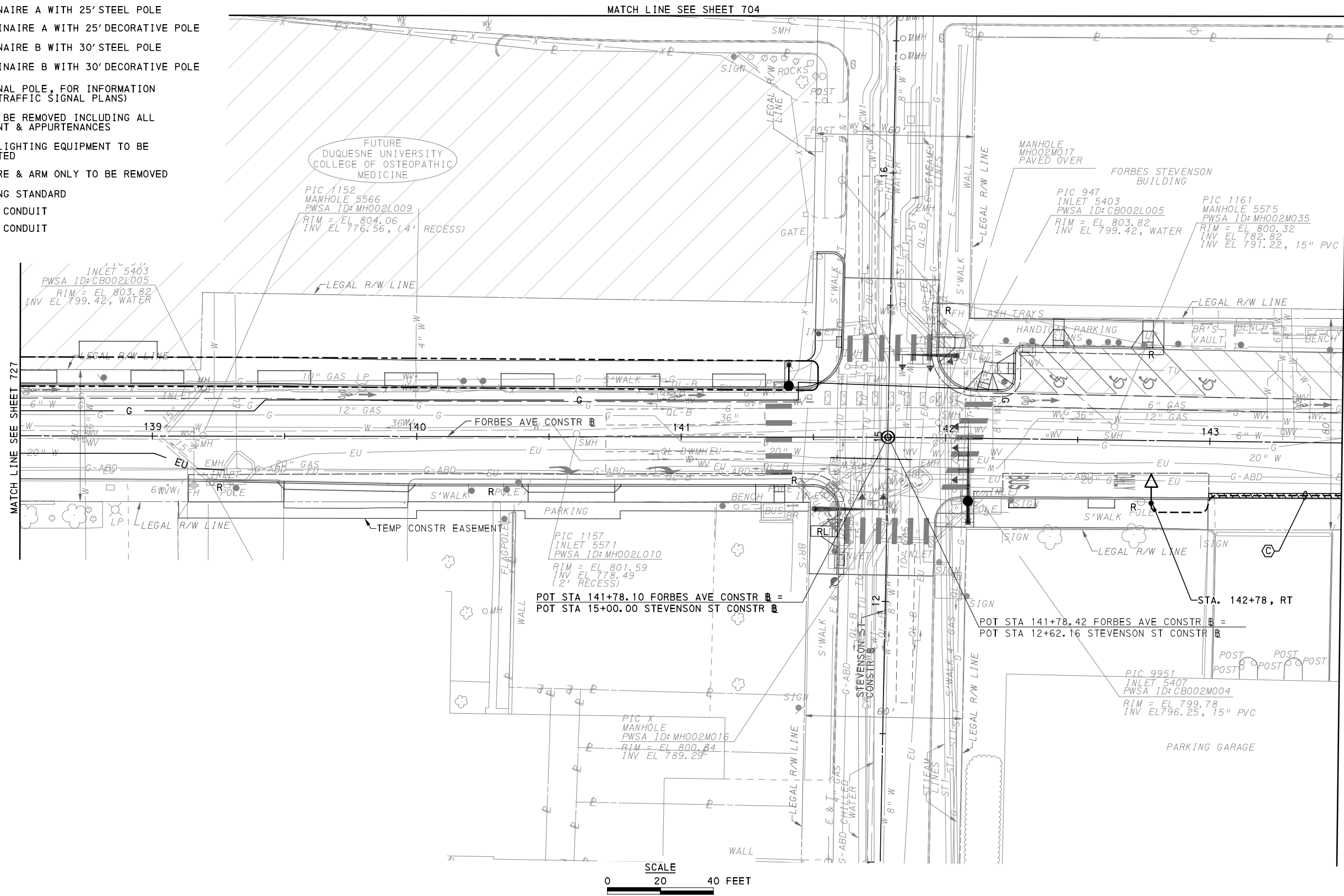
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FOR ROADWAY PLAN SEE SHEET 385		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FORBES AVE - STA 133+50 TO STA 138+50		
Port Authority <small>connecting people to life</small>		CONTRACT NO. BRT-001
DWG. NO. LP33	SHT. 727	

LEGEND:

-  LED ACORN LUMINAIRE ON 12' POLE
-  LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
-  LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
-  LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
-  LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
-  LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
-  EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
-  EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
-  EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
-  RELOCATED LIGHTING STANDARD
-  2" DIRECT BURIAL CONDUIT
-  CONCRETE ENCASED CONDUIT
-  JUNCTION BOX



FOR ROADWAY PLAN SEE SHEET 386

AECOM
Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

SANTANGELO LINDSAY
ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FORBES AVE - STA 138+50 TO STA 143+50

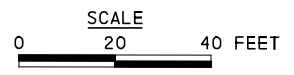
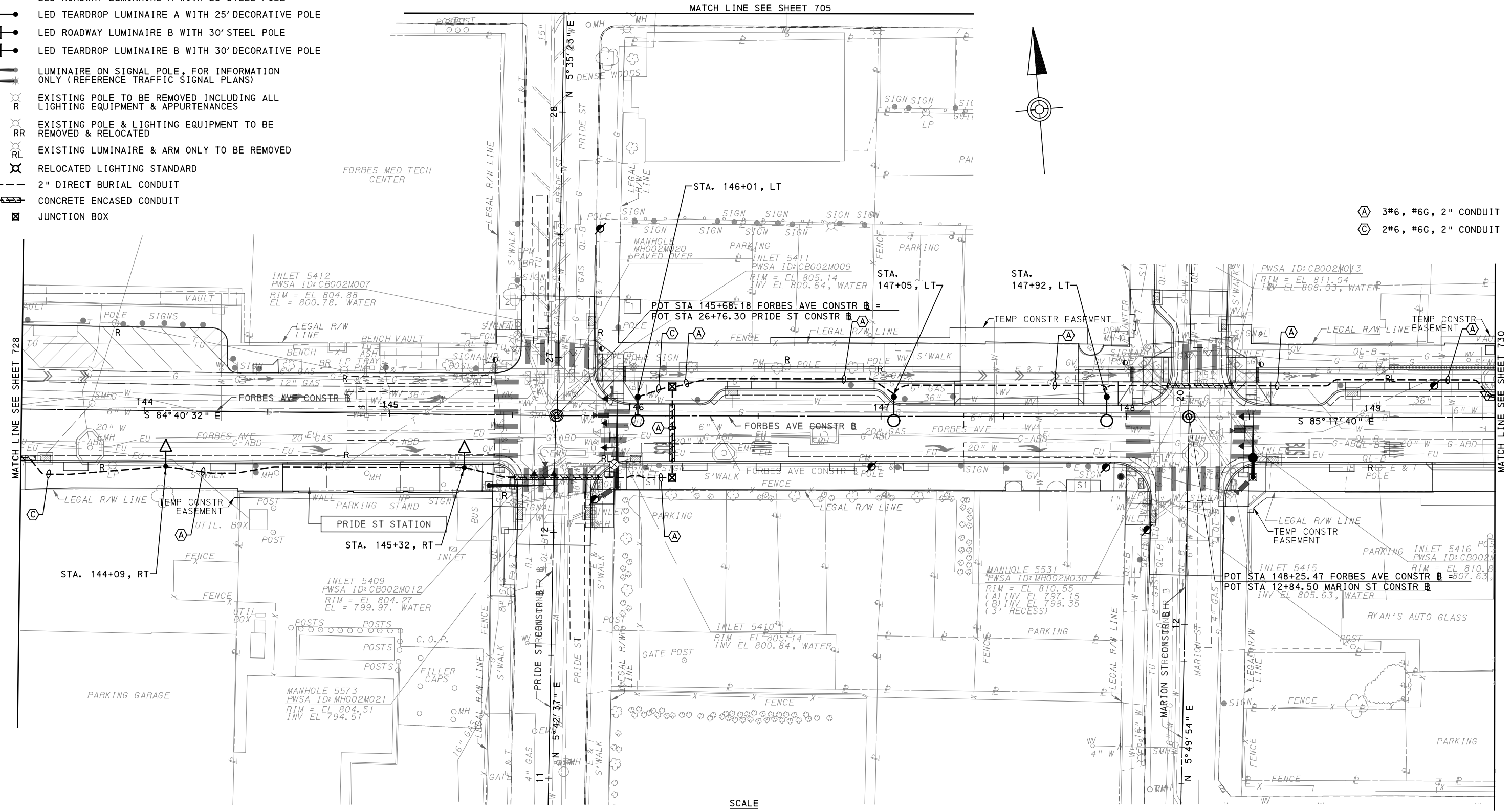
Port Authority
connecting people to life™

CONTRACT NO. BRT-001	
DWG. NO. LP34	SHT. 728

LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
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- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

- 3#6, #6G, 2" CONDUIT
- 2#6, #6G, 2" CONDUIT



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 707 Grant Street
 5th Floor
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(FOR ROADWAY PLAN SEE SHEET 387)

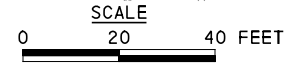
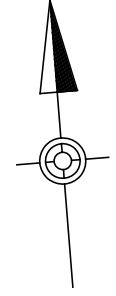
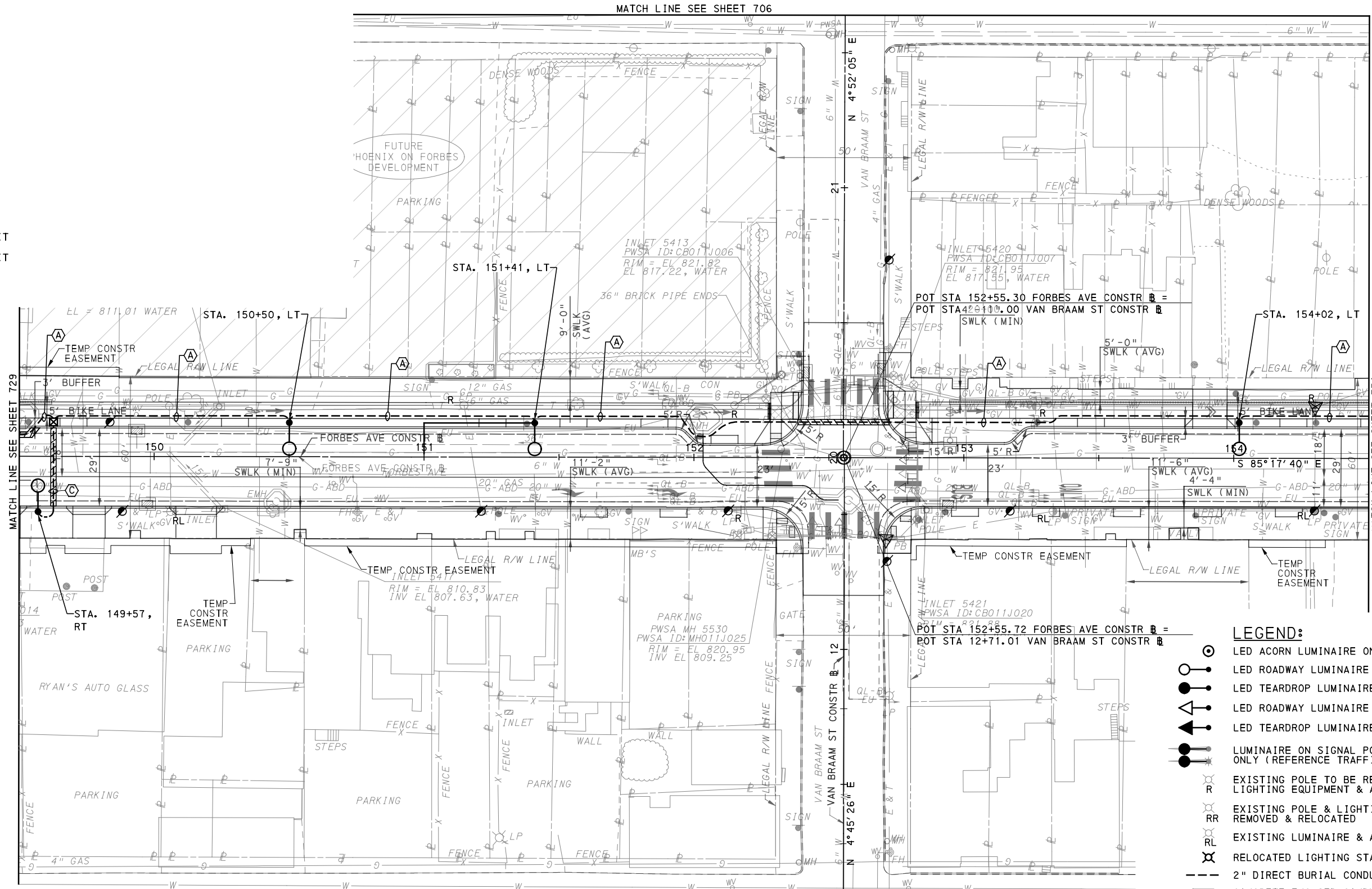
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FORBES AVE - STA 143+50 TO STA 149+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. LP35 SHT. 729

- Ⓐ 3#6, #6G, 2" CONDUIT
- Ⓒ 2#6, #6G, 2" CONDUIT



- LEGEND:**
- ⊙ LED ACORN LUMINAIRE ON 12' POLE
 - ⊙ LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - ⊙ LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - ⊙ LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - ⊙ LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - ⊙ LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - ⊙ EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - ⊙ EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - ⊙ EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - ⊙ RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - ▬ CONCRETE ENCASED CONDUIT
 - ⊠ JUNCTION BOX

[FOR ROADWAY PLAN SEE SHEET 388]

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

SANTANGELO LINDSAY
 ELECTRICAL ENGINEERS
 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
 PHONE: (724) 847-0407
 FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
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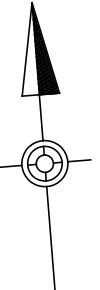
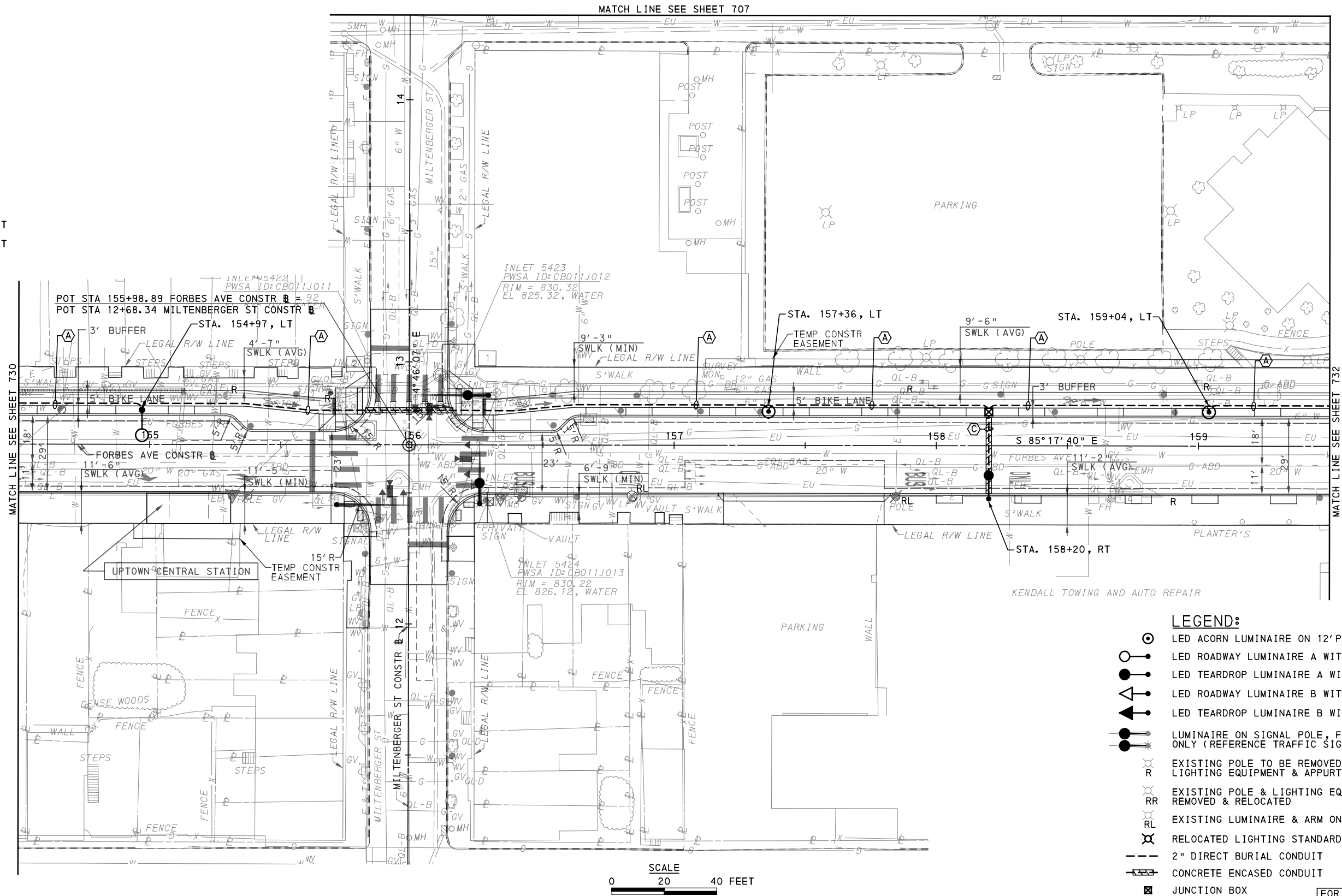
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FORBES AVE - STA 149+50 TO STA 154+50
Port Authority connecting people to life
 CONTRACT NO. BRT-001
 DWG. NO. LP36 SHT. 730

- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT



- LEGEND:**
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX [FOR ROADWAY PLAN SEE SHEET 389]

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 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

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 ELECTRICAL ENGINEERS
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FORBES AVE - STA 154+50 TO STA 159+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. LP37 SHT. 731

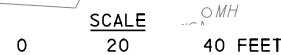
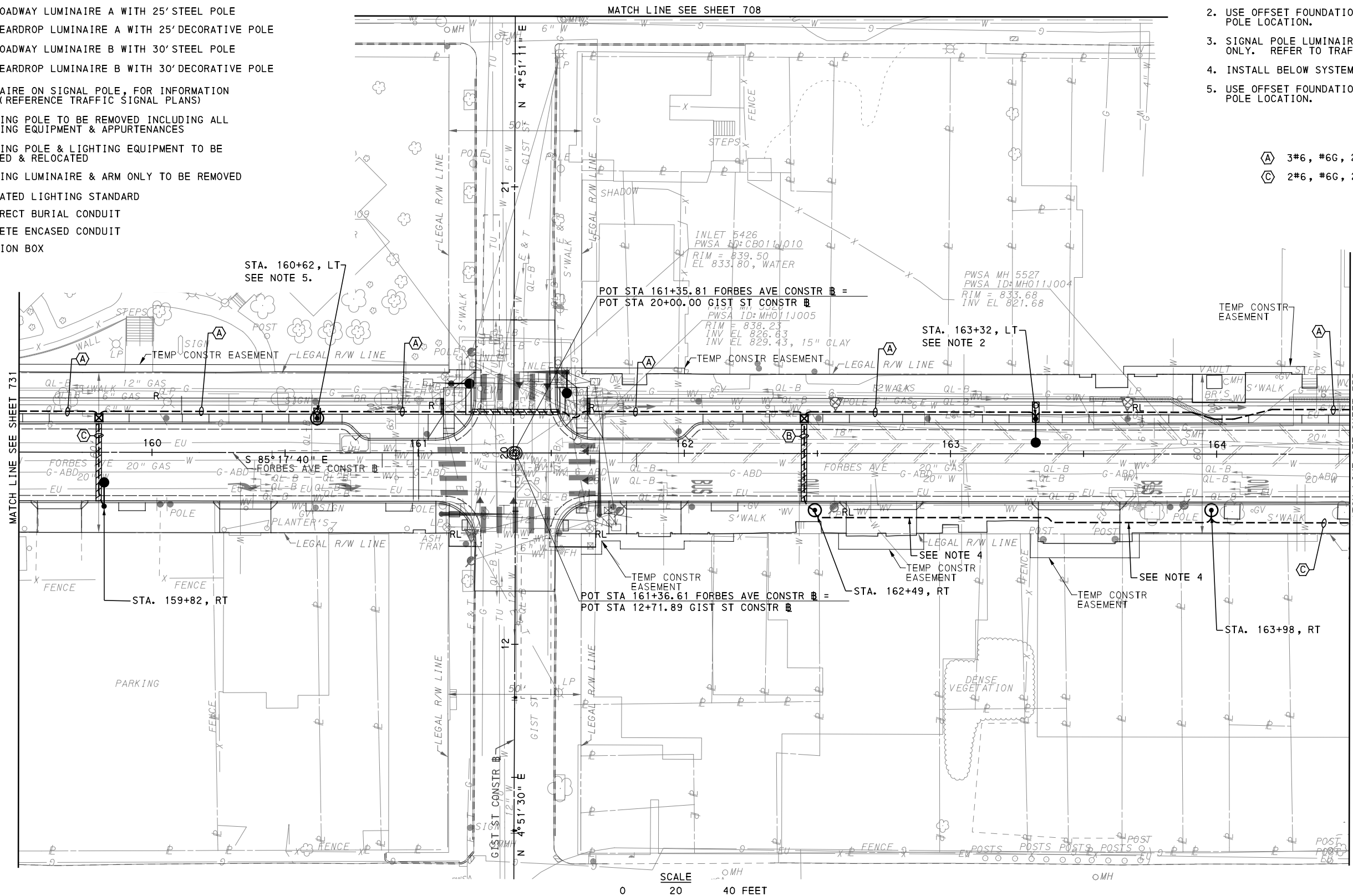
LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
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- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

NOTE:

1. LUMINAIRE SHOWN ON TRAFFIC SIGNAL SHOWN FOR REFERENCE ONLY. WORK TO BE DONE BY UPMC.
2. USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.
3. SIGNAL POLE LUMINAIRES SHOWN FOR INFORMATION ONLY. REFER TO TRAFFIC SIGNAL PLAN.
4. INSTALL BELOW SYSTEMS CONDUIT.
5. USE OFFSET FOUNDATION, TYPE A, AT THIS LIGHT POLE LOCATION.

- 3#6, #6G, 2" CONDUIT
- 2#6, #6G, 2" CONDUIT



FOR ROADWAY PLAN SEE SHEET 390



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

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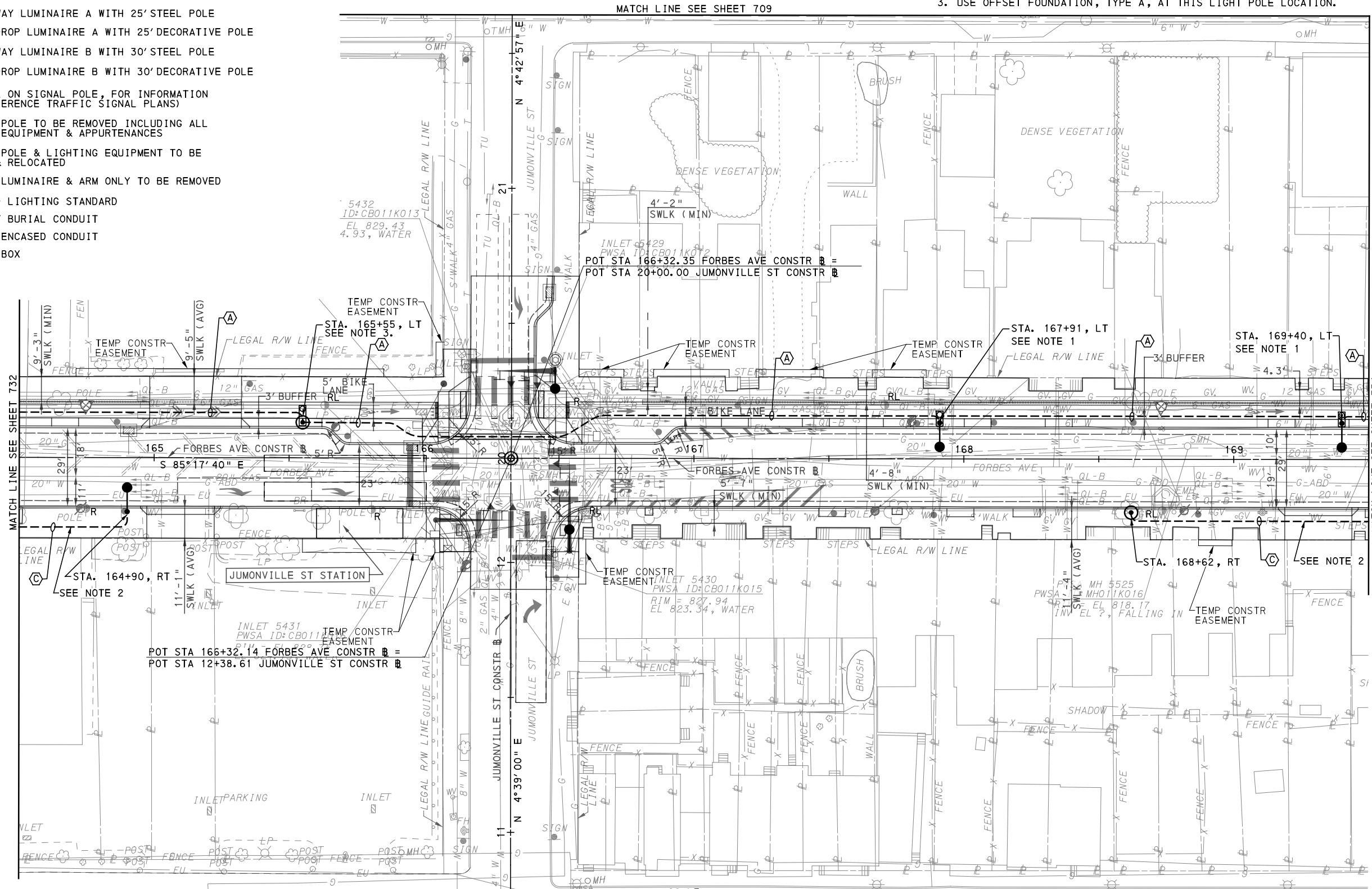
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FORBES AVE - STA 159+50 TO STA 164+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. LP38

LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
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- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

NOTE:

1. USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.
2. INSTALL BELOW SYSTEMS CONDUIT.
3. USE OFFSET FOUNDATION, TYPE A, AT THIS LIGHT POLE LOCATION.



- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

SANTANGELO LINDSAY
 ELECTRICAL ENGINEERS
 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FORBES AVE - STA 164+50 TO STA 169+50

Port Authority
 connecting people to life™

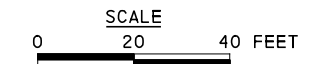
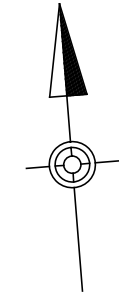
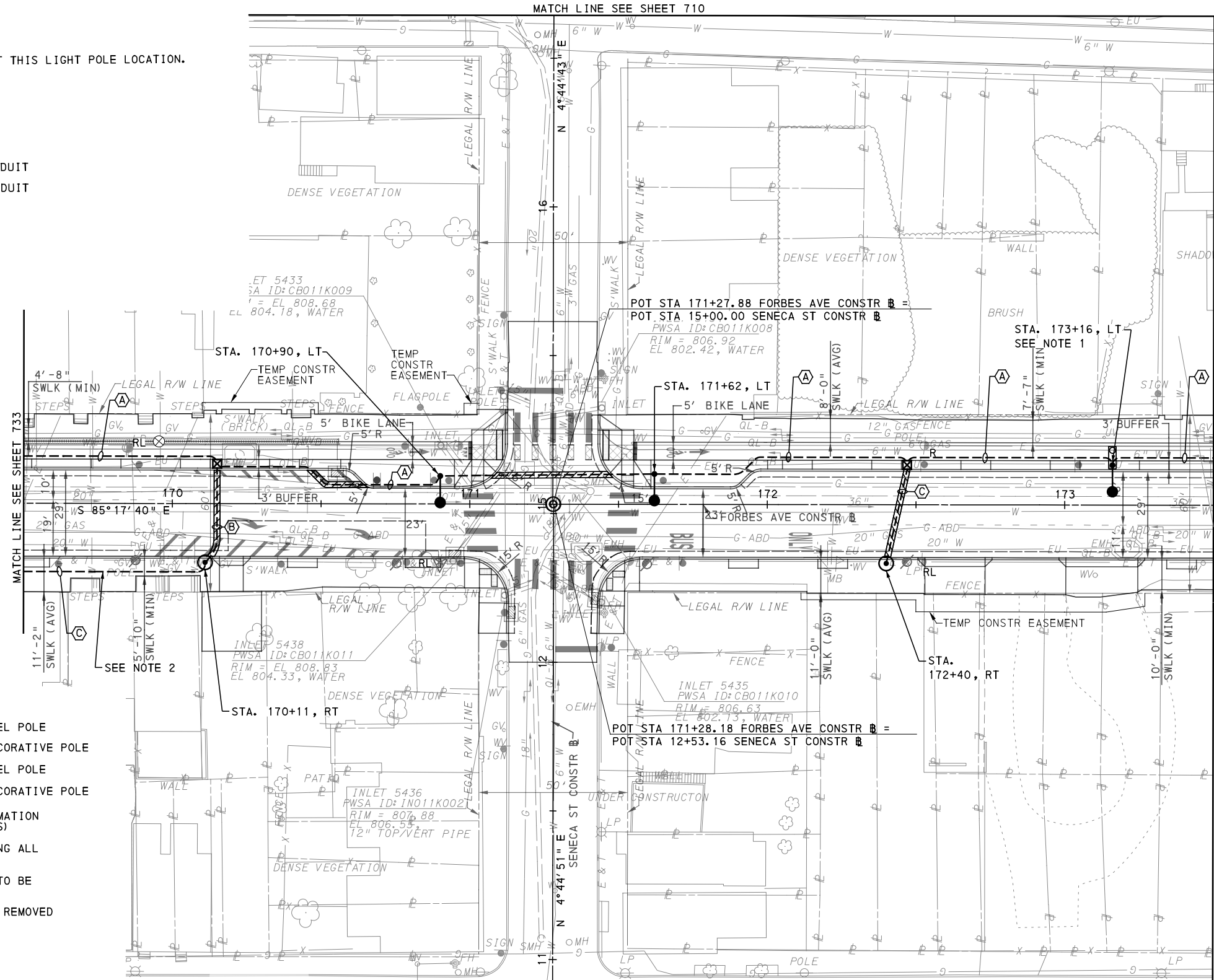
CONTRACT NO. BRT-001
DWG. NO. LP39
SHT. 733

NOTE:
 1. USE OFFSET FOUNDATION, TYPE B, AT THIS LIGHT POLE LOCATION.
 2. INSTALL BELOW SYSTEMS CONDUIT.

- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT

LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



FOR ROADWAY PLAN SEE SHEET 392

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

SANTANGELO LINDSAY
 ELECTRICAL ENGINEERS
 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
 PHONE: (724) 847-0407
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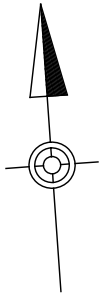
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LIGHTING PLANS
 FORBES AVE - STA 169+50 TO STA 173+50

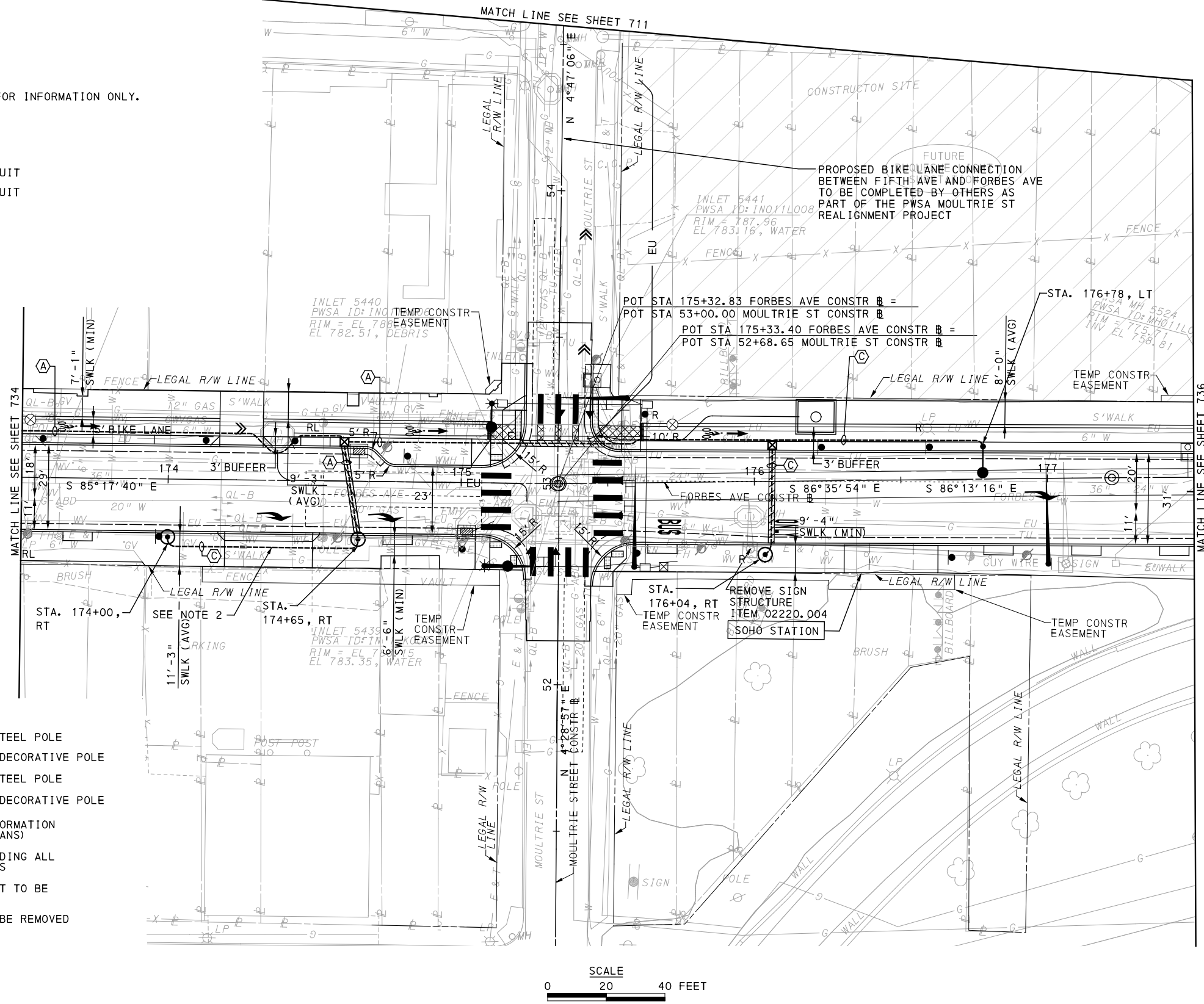
Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. LP40
SHT. 734



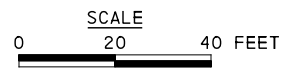
- NOTE:
- SIGNAL POLE LUMINAIRES SHOWN FOR INFORMATION ONLY. REFER TO TRAFFIC SIGNAL PLAN.
 - INSTALL BELOW SYSTEMS CONDUIT.

- (A) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



(FOR ROADWAY PLAN SEE SHEET 393)



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		

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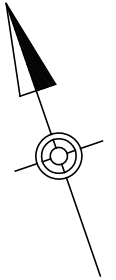
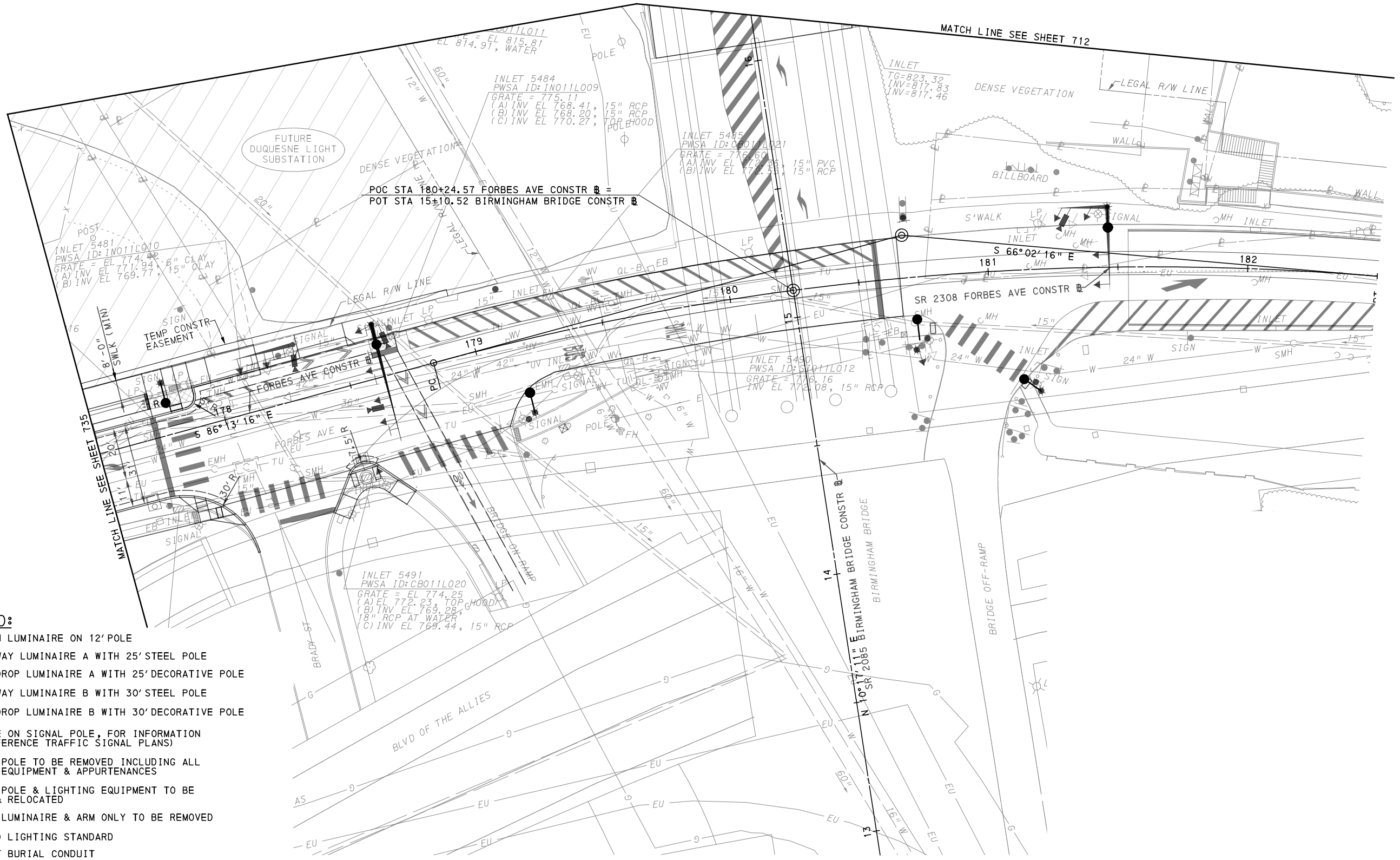
(NOT FOR CONSTRUCTION)

DESIGNED	MEM
DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
LIGHTING PLANS
FORBES AVE - STA 173+50 TO STA 177+50

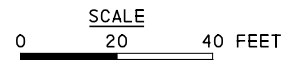


CONTRACT NO. BRT-001
DWG. NO. LP41 SHT. 735



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



[FOR ROADWAY PLAN SEE SHEET 394]



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
 PHONE: (724) 847-0407
 FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		

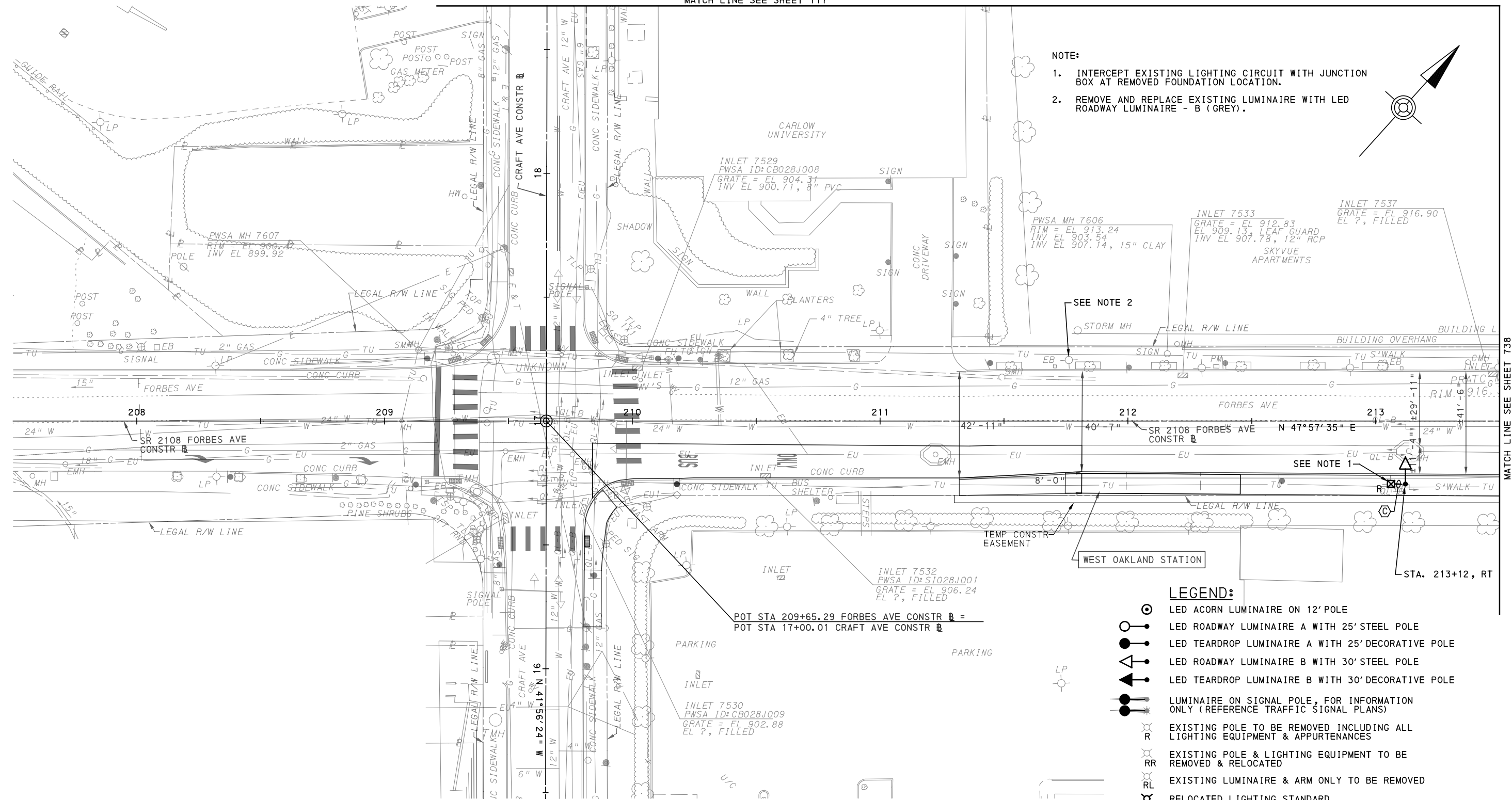
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(NOT FOR CONSTRUCTION)

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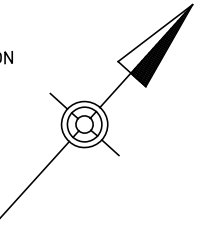
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FORBES AVE - STA 177+50 TO STA 182+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. LP42 SHT. 736

MATCH LINE SEE SHEET 717



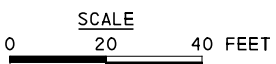
NOTE:

1. INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX AT REMOVED FOUNDATION LOCATION.
2. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



SIGNAL POLE LUMINAIRES SHOWN FOR INFORMATION ONLY. REFER TO TRAFFIC SIGNAL PLAN.

FOR ROADWAY PLAN SEE SHEET 395

AECOM
 Gulf Tower
 707 Grant Street
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 Pittsburgh, PA 15219

SANTANGELO LINDSAY
 ELECTRICAL ENGINEERS
 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
 PHONE: (724) 847-0407
 FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
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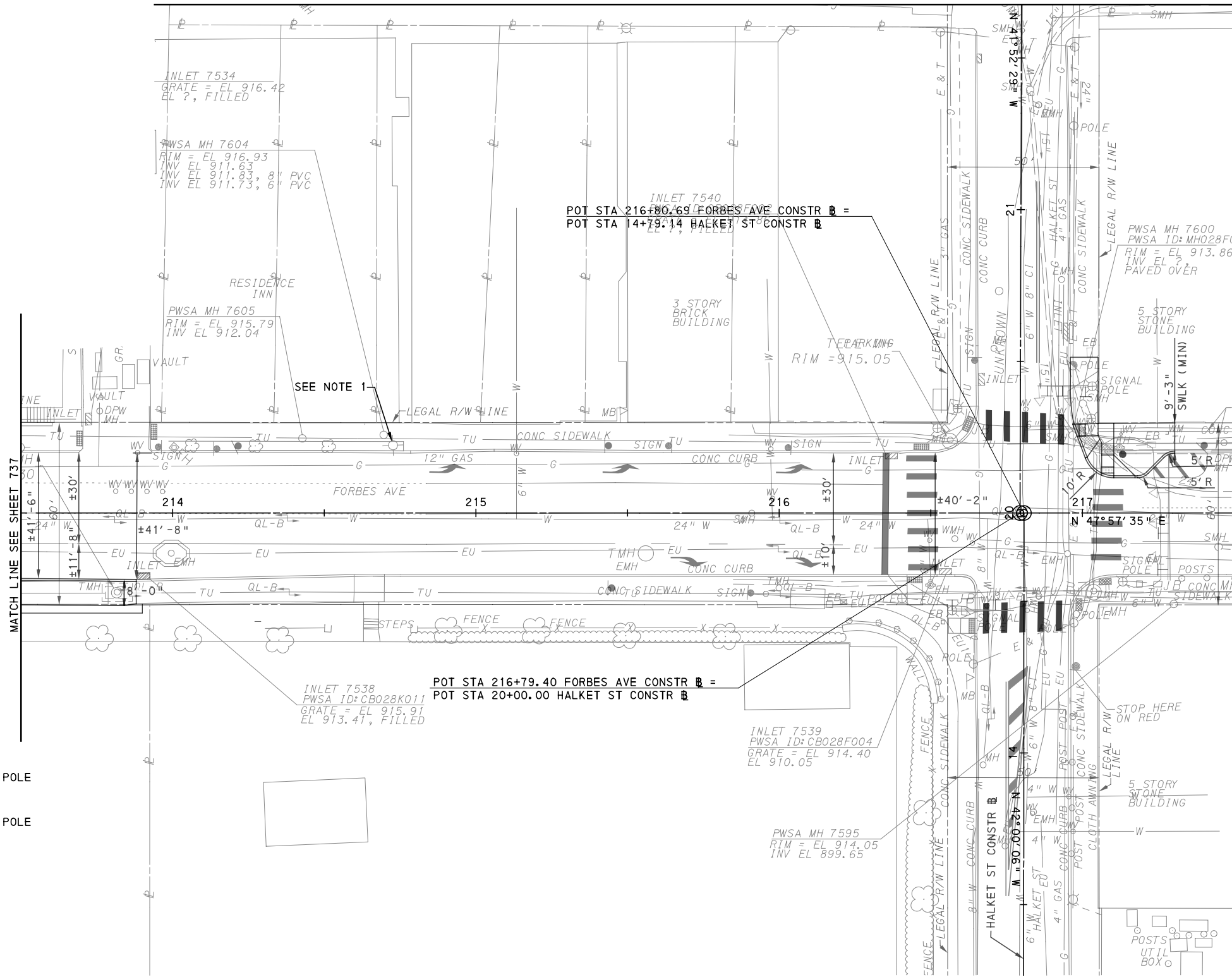
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FORBES AVE - STA 207+50 TO STA 213+50

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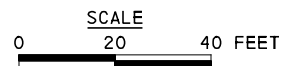
CONTRACT NO. BRT-001
DWG. NO. LP43
SHT. 737

NOTE:
 1. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
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- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX



[FOR ROADWAY PLAN SEE SHEET 396]



Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
 PHONE: (724) 847-0407
 FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		

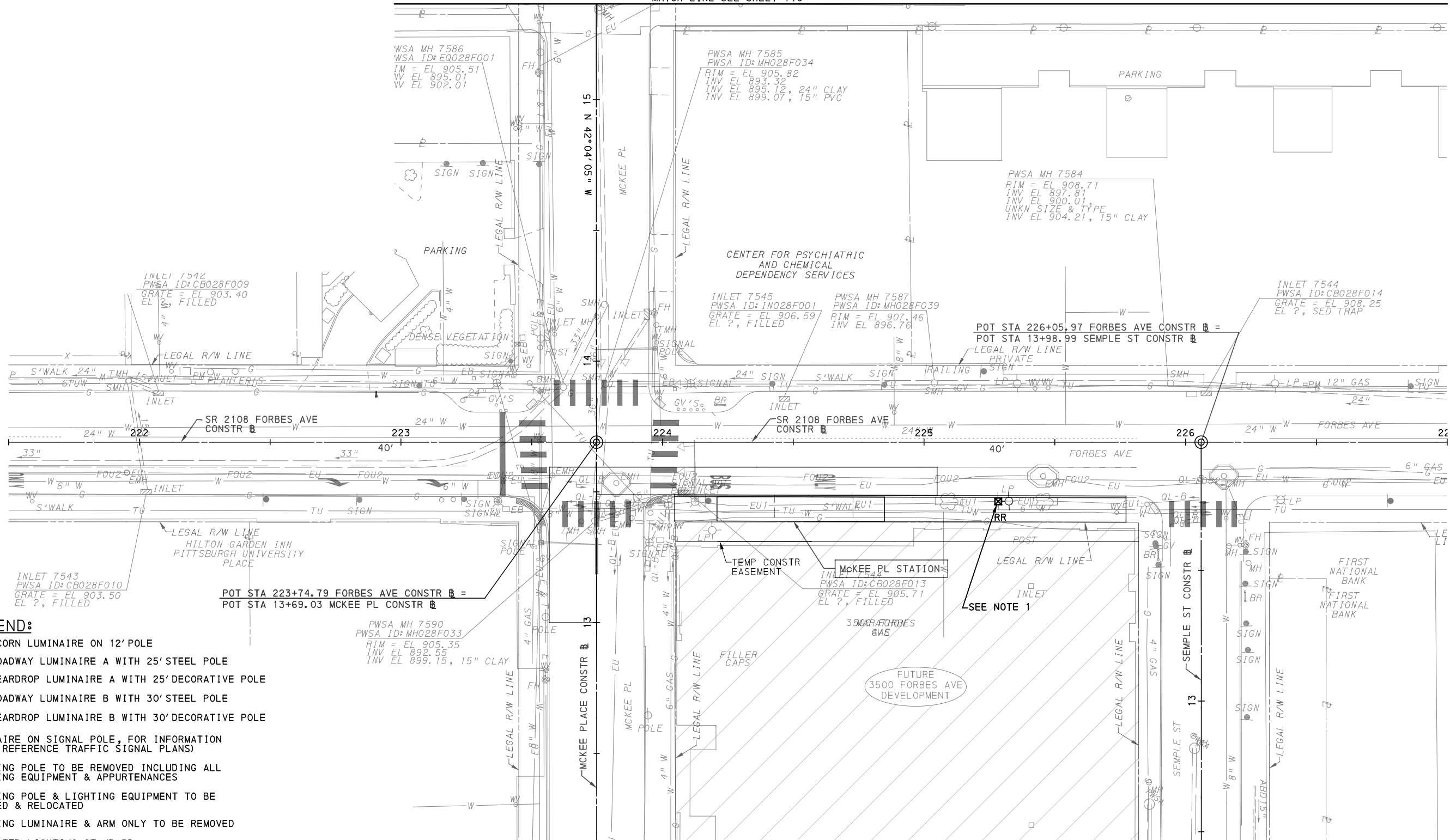
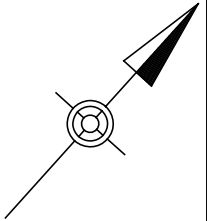
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(NOT FOR CONSTRUCTION)

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CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FORBES AVE - STA 213+50 TO STA 217+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. LP44 SHT. 738

MATCH LINE SEE SHEET 719

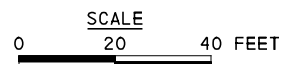


LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

NOTE:

1. INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX AT REMOVED FOUNDATION LOCATION. EXTEND CONDUIT AND 2*6AWG, #6G TO RELOCATED LIGHTING.



[FOR ROADWAY PLAN SEE SHEET 397]

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 732 THIRD AVENUE, SUITE 102
 NEW BRIGHTON, PA 15066
 PHONE: (724) 847-0407
 FAX: (724) 847-0673

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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
 FORBES AVE - STA 221+50 TO STA 227+00

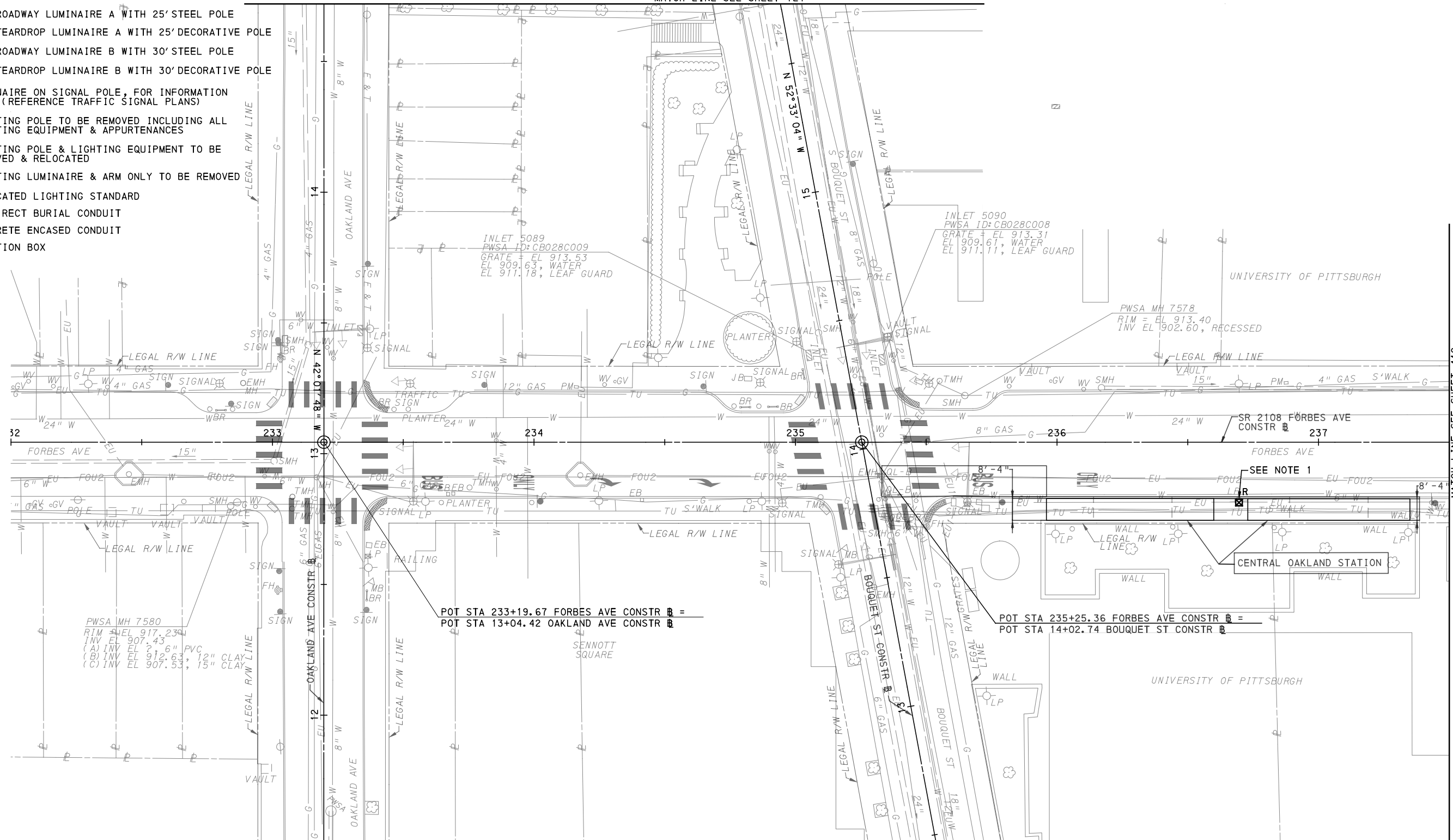
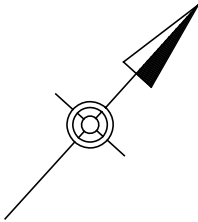
Port Authority
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CONTRACT NO. BRT-001
DWG. NO. LP45
SHT. 739

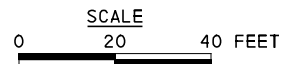
LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

MATCH LINE SEE SHEET 721



MATCH LINE SEE SHEET 412



- NOTE:**
- INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX AT REMOVED LIGHT POLE LOCATION.

[FOR ROADWAY PLAN SEE SHEET 399]

AECOM
Gulf Tower
707 Grant Street
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Pittsburgh, PA 15219

SANTANGELO LINDSAY
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732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

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REVISIONS		

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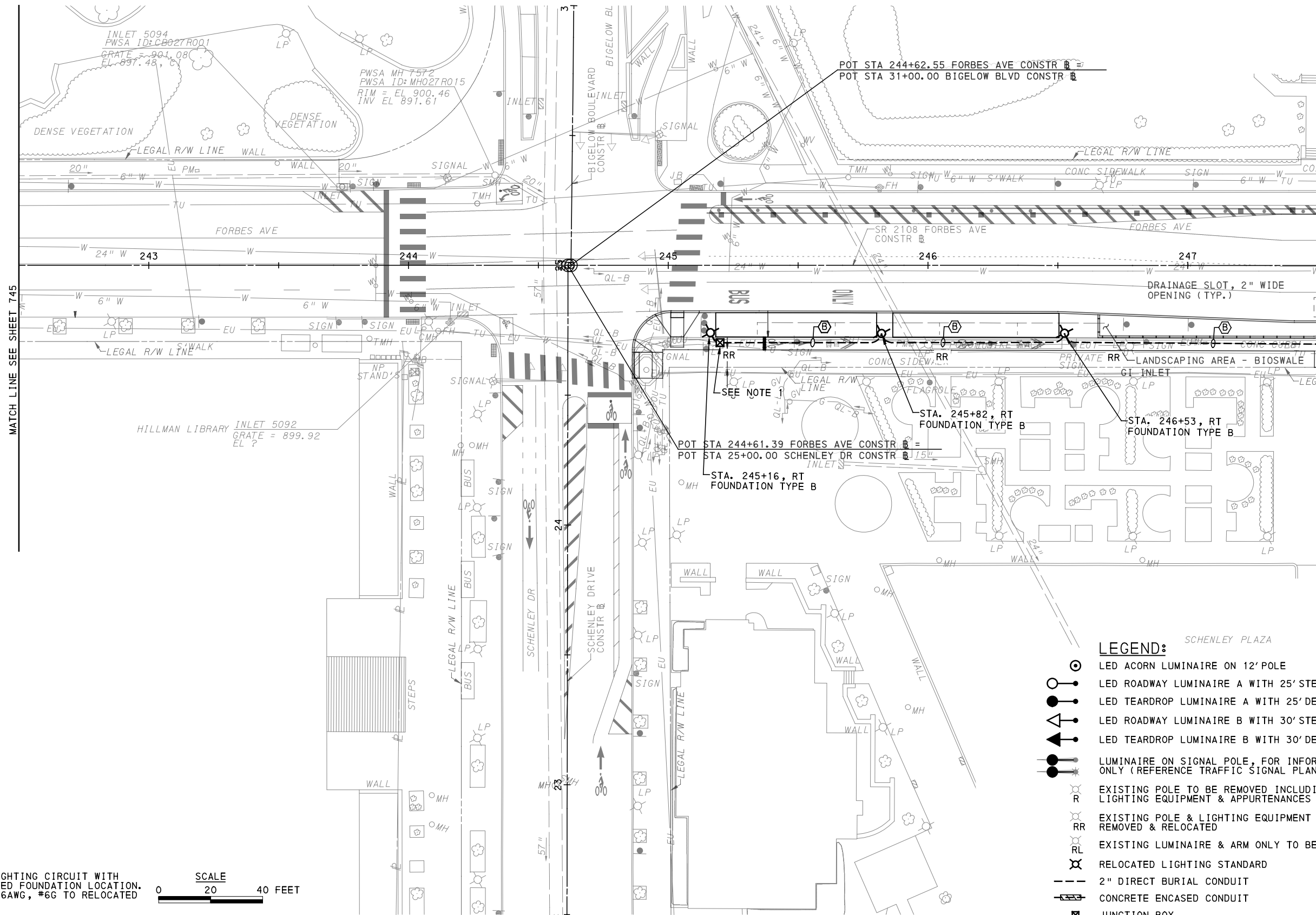
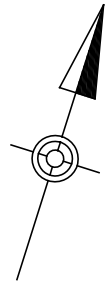
DESIGNED	MEM
DRAWN	JDR
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IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FORBES AVE - STA 232+00 TO STA 237+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. LP46
SHT. 740



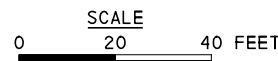
- (A) 4#6, #6G, 2" CONDUIT
- (B) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT

MATCH LINE SEE SHEET 745

MATCH LINE SEE SHEET 747

NOTE:

- INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX AT REMOVED FOUNDATION LOCATION. EXTEND CONDUIT AND 3#6AWG, #6G TO RELOCATED LIGHTING.



LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
- LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
- LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
- EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
- EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
- EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

(FOR ROADWAY PLAN SEE SHEET 401)



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

NO.	DATE	DESCRIPTION
REVISIONS		

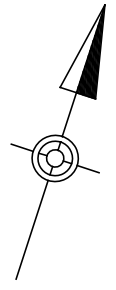
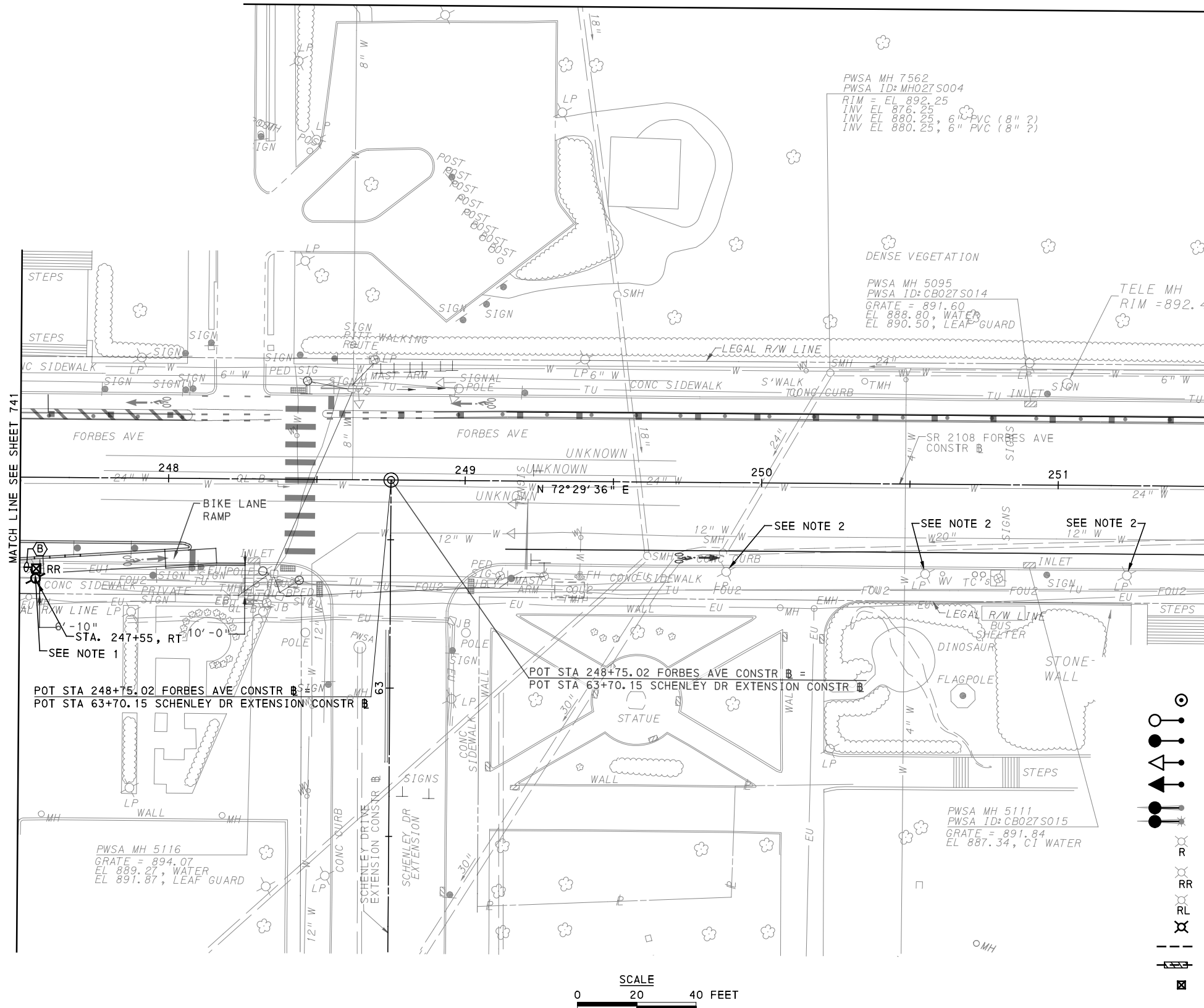
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(NOT FOR CONSTRUCTION)

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DRAWN	JDR
CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

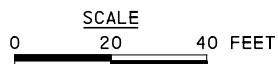
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS FORBES AVE - STA 242+50 TO STA 247+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. LP47 SHT. 741

- (A) 4#6, #6G, 2" CONDUIT
- (B) 3#6, #6G, 2" CONDUIT
- (C) 2#6, #6G, 2" CONDUIT



- NOTES:
- INTERCEPT EXISTING LIGHTING CIRCUIT WITH JUNCTION BOX AT REMOVED FOUNDATION LOCATION.
 - REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).

- LEGEND:
- LED ACORN LUMINAIRE ON 12' POLE
 - LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
 - LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
 - LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
 - LED TEARDROP LUMINAIRE B WITH 30' DECORATIVE POLE
 - LUMINAIRE ON SIGNAL POLE, FOR INFORMATION ONLY (REFERENCE TRAFFIC SIGNAL PLANS)
 - EXISTING POLE TO BE REMOVED INCLUDING ALL LIGHTING EQUIPMENT & APPURTENANCES
 - EXISTING POLE & LIGHTING EQUIPMENT TO BE REMOVED & RELOCATED
 - EXISTING LUMINAIRE & ARM ONLY TO BE REMOVED
 - RELOCATED LIGHTING STANDARD
 - 2" DIRECT BURIAL CONDUIT
 - CONCRETE ENCASED CONDUIT
 - JUNCTION BOX



[FOR ROADWAY PLAN SEE SHEET 402]

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 732 THIRD AVENUE, SUITE 102
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 PHONE: (724) 847-0407
 FAX: (724) 847-0673

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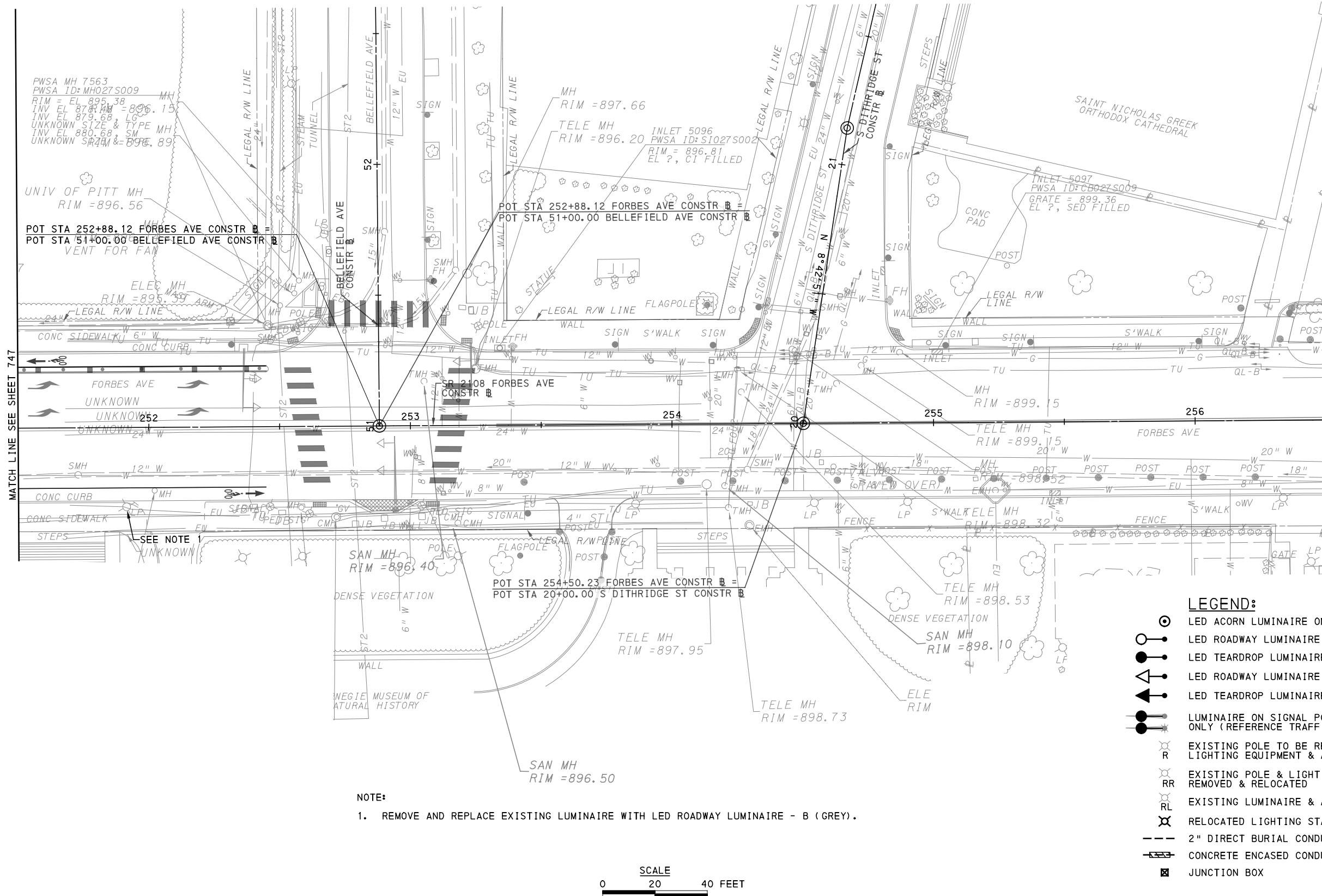
(NOT FOR CONSTRUCTION)

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CHECKED	CML
IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 LIGHTING PLANS
 FORBES AVE - STA 247+50 TO STA 251+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. LP48 SHT. 742



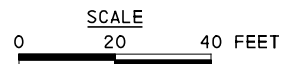
MATCH LINE SEE SHEET 747

LEGEND:

- LED ACORN LUMINAIRE ON 12' POLE
- LED ROADWAY LUMINAIRE A WITH 25' STEEL POLE
- LED TEARDROP LUMINAIRE A WITH 25' DECORATIVE POLE
- LED ROADWAY LUMINAIRE B WITH 30' STEEL POLE
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- RELOCATED LIGHTING STANDARD
- 2" DIRECT BURIAL CONDUIT
- CONCRETE ENCASED CONDUIT
- JUNCTION BOX

NOTE:

1. REMOVE AND REPLACE EXISTING LUMINAIRE WITH LED ROADWAY LUMINAIRE - B (GREY).



AECOM
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND LIGHTING PLANS
FORBES AVE - STA 251+50 TO STA 256+50
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CONTRACT NO. BRT-001
DWG. NO. LP49 SHT. 743

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ARCHITECTURAL GENERAL NOTES

- 1 CONTRACTOR TO FIELD VERIFY ACCURACY OF DRAWING DIMENSIONS PRIOR TO ANY WORK. DIMENSIONS FOR THE REPLACEMENT OF SHELTERS AND AMENITIES ARE PROVIDED FROM THE EXTENTS OF NEW SLAB WORK. THE INFORMATION SHOWN AS EXISTING IN THESE CONTRACT DRAWINGS ARE FOR INFORMATION USE ONLY AND MAY VARY FROM CURRENT FIELD CONDITIOSN.
- 2 WHERE A CONFLICT ARISES BETWEEN THE DRAWING SHEETS AND THE SYMBOL AND ABBREVIATION SHEETS, THE DRAWING SHEETS SHALL GOVERN.
- 3 STATION AREA WORK IS TO OCCUR AS SPECIFIED IN TERMS AND CONDITIONS.
- 4 CONTRACTOR IS RESPONSIBLE FOR COORDINATING WORK.
- 5 CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND UNDERSTANDING THE ENTIRE SET OF CONTRACT DOCUMENTS.
- 6 CONTRACTOR IS TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS, DRAWINGS, AND SPECIFICATIONS. NO WORK WILL COMMENCE PRIOR TO RESOLUTION OF DISCREPANCIES.
- 7 DO NOT SCALE DRAWINGS.
- 8 ALL DIMENSIONS ARE MEASURED HORIZONTALLY, UNLESS NOTED OTHERWISE.
- 9 THE FOLLOWING OUTLINES THE GENERAL QUALITY OF THE WORK EXPECTED: ALL MATERIALS USED ARE REQUIRED TO BE GOOD AND NEW QUALITY AND MEET OR EXCEED ALL APPLICABLE INDUSTRY STANDARDS. WHERE SPECIFIC PRODUCTS OR MANUFACTURERS ARE NOT NOTED OR SPECIFIED, THE CONTRACTOR IS TO NOTIFY THE ENGINEER IN ORDER TO OBTAIN A STANDARD OR QUALITY.
- 10 PROVIDE MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH PENNDOT PUBLICATION 408, ANSI/AASHTO/ AWS/ D1.2/ D1.2M STRUCTURAL WELDING CODE/ 2014 AND CONTRACT DOCUMENTS.
- 11 ALL WORK IS TO BE DONE WITH THE APPROPRIATE TOOL(S) AND MATERIAL(S). THE ENGINEER HAS THE RIGHT TO REJECT ANY WORK NOT DONE APPROPRIATELY.
- 12 CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TEMPORARY BARRICADES, PERSONAL PROTECTION EQUIPMENTS AND SHORING NECESSARY FOR SAFE CONDITIONS. COORDINATE ALL LOCATIONS WITH THE ENGINEER.
- 13 CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TEMPORARY LIGHTING. COORDINATE ALL TEMPORARY LIGHTING LOCATIONS WITH THE ENGINEER.
- 14 CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE WORK FROM DAMAGE DUE TO THE ONGOING OPERATIONS. DAMAGE TO WORK IN PLACE SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY UPON DISCOVERY.
- 15 CONTRACTOR IS RESPONSIBLE FOR THE SECURITY OF ITS MATERIALS, EQUIPMENT, AND TOOLS.
- 16 CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY PAVING AND/OR OTHER LANDSCAPE SURFACES AND ELEMENTS IMPACTED BY WORK AT THE STATION SITE.

ACCESSIBLE SLOPES

ACCESSIBLE ROUTE:
 SLOPE:
 MAX. ALLOWABLE: 5.0% (UNLESS FOLLOWING SLOPE OF THE ROAD)
 CROSS SLOPE:
 MAX. ALLOWABLE: 2.0%
 ACCESSIBLE RAMPS:
 MAX. ALLOWABLE: 8.3%

ADA - FACILITIES ACCESSIBILITY REQUIREMENTS:

ALTHOUGH THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH ADA REQUIREMENTS, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONSTRUCT ALL FACILITIES WITHIN ADA REGULATIONS REGARDLESS OF CONSTRUCTION TOLERANCES WHICH MAY BE SPECIFIED ELSEWHERE IN THESE CONTRACT DRAWINGS OR IN THE SPECIFICATIONS.

NOTE: THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT CONSTRUCTION TOLERANCES ARE ZERO WHEN PERTAINING TO ADAAG REQUIREMENTS.

APPLICABLE CODES AND STANDARDS

REFER TO THE TECHNICAL PROVISIONS FOR APPLICABLE CODES. DURING THE DESIGN OF THE PROJECT. PENNSYLVANIA UNIFORM CONSTRUCTION CODE ADOPTED THE IBC 2018. THE APPLICABLE CODE REFERENCES AND SECTIONS FOR DESIGN ARE AS FOLLOWS:

- 2018 IBC - INTERNATIONAL BUILDING CODE, AS AMENDED BY THE PENNSYLVANIA BUILDING CODE 2018
- 2018 IFC - INTERNATIONAL FIRE CODE
- 2018 IPC - INTERNATIONAL PLUMBING CODE
- 2018 IMC - INTERNATIONAL MECHANICAL CODE
- 2018 IECC - INTERNATIONAL ENERGY CONSERVATION CODE, AS AMENDED BY THE PENNSYLVANIA ENERGY CODE 2018
- NFPA 70 - 2017 NEC NATIONAL ELECTRIC CODE

2010 ADA STANDARD FOR ACCESSIBLE DESIGN

PENNSYLVANIA ACCESSIBILITY CODE FOR 2009, A1171
 PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES AS PUBLISHED AUGUST 8, 2023

SHELTERS WILL BE BUILT OF TYPE II CONSTRUCTION PER IBC. THE FOLLOWING FIRE RATINGS ARE REQUIRED TO MEET TYPE II IN ACCORDANCE WITH IBC:
 UNPROTECTED NON-COMBUSTIBLE: 0 HOURS

ARCHITECTURAL SHEET GENERAL NOTES

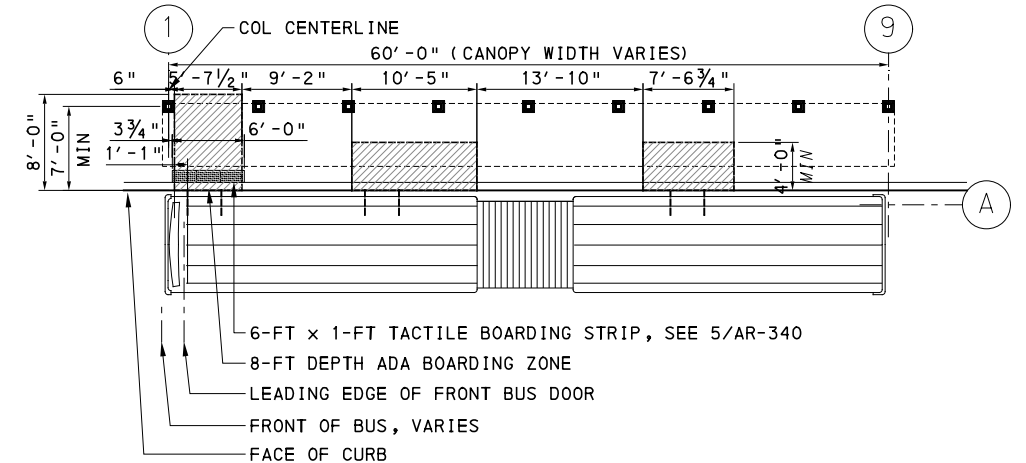
- 1 REFER TO DWG AR-001 FOR ARCHITECTURAL SYMBOLS AND ABBREVIATIONS.
- 2 REFER WALL TYPE TAGS \diamond TO DWGS AR-095 AND AR-096 FOR WINDSCREEN BAY TYPES AND DIMENSIONS.
- 3 NOT ALL KEYNOTES SHALL REFERENCE ITEMS ON EACH SHEET.
- 4 SEE AR-003 FOR SHELTER SIZE AND AMENITIES SCHEDULE. SEE AR-100s FOR TYPICAL SHELTER PLANS, ROOF PLANS, REFLECTED CEILING PLANS (RCPs) AND ELEVATIONS. SEE AR-200s FOR TYPICAL SHELTER SECTIONS. SEE AR-340 FOR SITE FURNITURE AND CABINET DETAILS.
- 5 SHELTER DESIGN IS TO ACCOMMODATE REQUIRED STATION LIGHTING LEVELS.
- 6 REFER TO STRUCTURAL DWGS FOR MORE INFORMATION ON STATION PAD DETAILS AND FOR THE CONCRETE STATION FOUNDATION LOCATIONS. SHELTERS ARE DIMENSIONED FROM EDGE OF STATION PAD. SEE DWG ST-1 FOR STRUCTURAL DESIGN LOADS.
- 7 REFER TO CONTROL SYSTEMS DWGS FOR CONDUIT LAYOUT AND EQUIPMENT REQUIREMENT/QUANTITIES. CONDUIT CONNECTIONS ARE TO BE LOCATED TO CENTER POINT OF COLUMNS. REFER TO CONTROL SYSTEMS DWGS FOR CCTV LAYOUTS.
- 8 REFER TO ROADWAY PLANS DWGS FOR RAIN LEADER CONNECTIONS.
- 9 REFER TO ROADWAY PLANS AND STRUCTURAL DRAWINGS FOR STATIONING.
- 10 DIMENSION LINES ARE SHOWN TO FINISH MATERIAL UNLESS NOTED OTHERWISE.
- 11 THE ARCHITECTURAL SHELTER DRAWINGS ARE MEANT TO PROVIDE VENDORS WITH THE PERTINENT ASPECTS OF THE DESIGN REQUIRED TO FIT SITE CONDITIONS, MEET TECHNICAL AND OPERATIONAL NEEDS, AND ACHIEVE A DESIRED AESTHETIC.
12. ALTERNATIVE DETAILS THAT MEET THE DESIGN INTENT INCLUDING EXTRUSIONS, SHAPES, AND/OR CONNECTIONS ARE ACCEPTABLE PENDING APPROVAL OF THE AUTHORITY AND THE ENGINEER. SEE 10 734 BUS SHELTERS.
13. TEXT TO SPEECH BUTTON TO BE MOUNTED AT AN ADA COMPLIANT HEIGHT ELEVATION.

APPLICABLE DESIGN STANDARDS

PORT AUTHORITY OF ALLEGHENY COUNTY BUS STOP AND STREET DESIGN GUIDELINES, PUBLISHED 07/18/19

PRT WAYFINDING GRAPHICS STANDARDS MANUAL, DRAFT DATED MAY 03, 2018.

PRT BRAND GUIDELINES 1.0



BUS DOOR PLANNING MODULE

BUS DOOR TEMPLATE IS BASED ON THE PAAC BUS STOP AND STREET DESIGN GUIDELINES V 2.0 ISSUED 6/12/19.

PROJECT STATIONS ARE DESIGNED TO ACCOMMODATE THE PAAC'S FULL BUS FLEET AS DEFINED IN THE PAAC BUS STOP GUIDELINES, AND THE REQUIRED 5-FT x 8-FT REQUIRED ADA BOARDING AREA IS ADJUSTED TO ACCOMMODATE ALL BUSES. PLANNING MODULE ASSUMES LEADING EDGE OF FRONT DOORS STOP AT SAME POINT ALONG CURB.

STATIONS ARE DESIGNED WITH THE ASSUMPTION THAT ONLY THE FRONT BUS DOOR REQUIRES AN 8-FT DEPTH BOARDING AREA.



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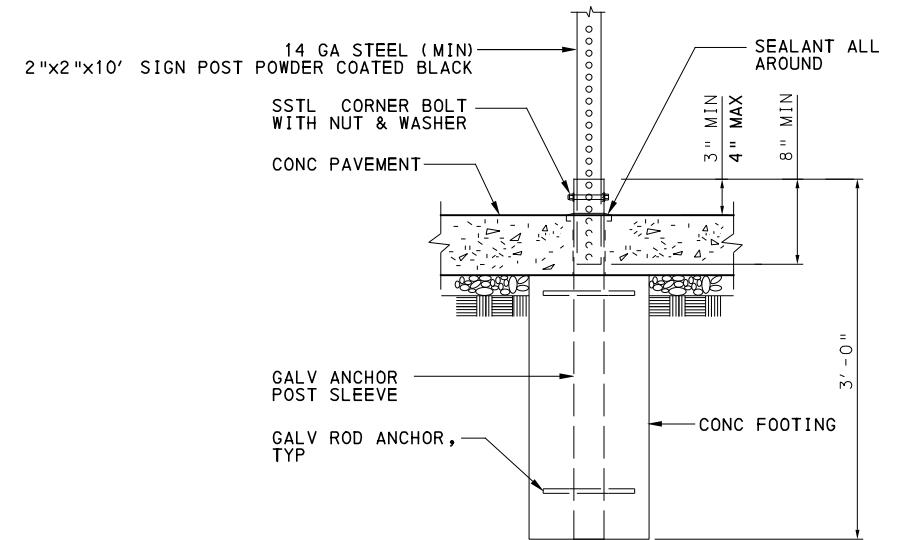
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(NOT FOR CONSTRUCTION)

DESIGNED	JS
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IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND ARCHITECTURAL PLANS-GENERAL NOTES, APPLICABLE CODES AND STANDARDS, AND CODE SUMMARY	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. AR002 SHT. 745

NO	STATION NAME	INBOUND/ OUTBOUND	NOMINAL ROOF SHELTER WIDTH	NOMINAL ROOF SHELTER LENGTH	STATION AMENITIES							
					BUS STOP SIGN POST	BIKE RACK QTY	BENCH SEATING CAPACITY	TRASH RECEPT- ACLE	TVM SHELTER QTY	AD PANEL CABINET QTY	WAYFINDING/ DIGITAL DISPLAY PANEL QTY	TACTILE BOARDING STRIP QTY
6	UPTOWN WEST STATION	INBOUND	7'	30'	Y	-	3	1	-	1	2	1
7	PRIDE ST STATION	INBOUND	5'	30'	Y	1	2	1	-	0	2	1
8	UPTOWN CENTRAL STATION	INBOUND	7'	30'	Y	-	3	1	-	2	2	1
9	JUMONVILLE ST STATION	INBOUND	7'	30'	Y	2	3	1	-	1	2	1
10	SOHO STATION	INBOUND	7'	30'	Y	1	3	1	-	1	2	1
11	WEST OAKLAND STATION	INBOUND	5'	30'	Y	-	2	1	-	1	2	1
12	CHESTERFIELD RD STATION	INBOUND	7'	60'	Y	-	9	2	-	2	3	1
13	ATWOOD STATION	INBOUND	NONE	NONE	Y	-	-	-	-	-	-	1
14	BIGELOW BLVD STATION	INBOUND	14'	30'	Y	2	3	1	-	1	2	1
15	TENNYSON AVE STATION	INBOUND	7'	60'	Y	2	9	2	-	2	3	1
16	NOT USED											
17	NOT USED											
18	UPTOWN WEST STATION	OUTBOUND	7'	60'	Y	2	9	2	-	2	3	1
19	PRIDE ST STATION	OUTBOUND	7'	60'	Y	2	9	2	-	2	3	1
20	UPTOWN CENTRAL STATION	OUTBOUND	7'	30'	Y	2	3	1	-	1	2	1
21	JUMONVILLE ST STATION	OUTBOUND	7'	30'	Y	2	3	1	-	1	2	1
22	SOHO STATION	OUTBOUND	7'	30'	Y	2	3	1	-	1	2	1
23	WEST OAKLAND STATION	OUTBOUND	5'	60'	Y	2	7	2	-	2	3	1
24	McKEE PL STATION	OUTBOUND	7'	60'	Y	2	8	2	-	2	3	1
25	CENTRAL OAKLAND STATION	OUTBOUND	5'	60' (QTY 2)	Y	-	14	3	-	4	4	1
26	BIGELOW BLVD STATION	OUTBOUND	7'	60'	Y	-	9	2	-	2	3	1



SIGN POST FOUNDATION
NTS

- NOTES:**
- SEE DWG AR002 FOR GENERAL AND SHEET NOTES.
 - FOR EQUIPMENT LAYOUTS, REFER TO SITE PLAN ON DWGS AR016 THROUGH AR025, & AR028 THROUGH AR038 AND DIMENSIONS SHOWN ON EQUIPMENT SHALL BE PROTOTYPICAL UNLESS NOTED OTHERWISE. REFER TO CONTROL SYSTEMS PLANS FOR EQUIPMENT REQUIREMENTS AND QUANTITIES.
 - USE PROTOTYPICAL LAYOUT OF AD PANEL CABINETS AS INDICATED IN SHELTER ELEVATIONS ON DWGS AR103, AR105, AND AR107. WINDSCREEN PANEL LAYOUT VARIES.
 - FOR LOCATION OF REAL-TIME INFORMATION DISPLAY BOX AND AD PANEL CABINET, SEE STATION SHELTER SITE PLAN ON DWGS AR016 THROUGH AR038.
 - CONTRACTOR SHALL INSTALL SIGN POSTS FOR BUS STOP SIGNS SUPPLIED AND INSTALL BY PAAC.



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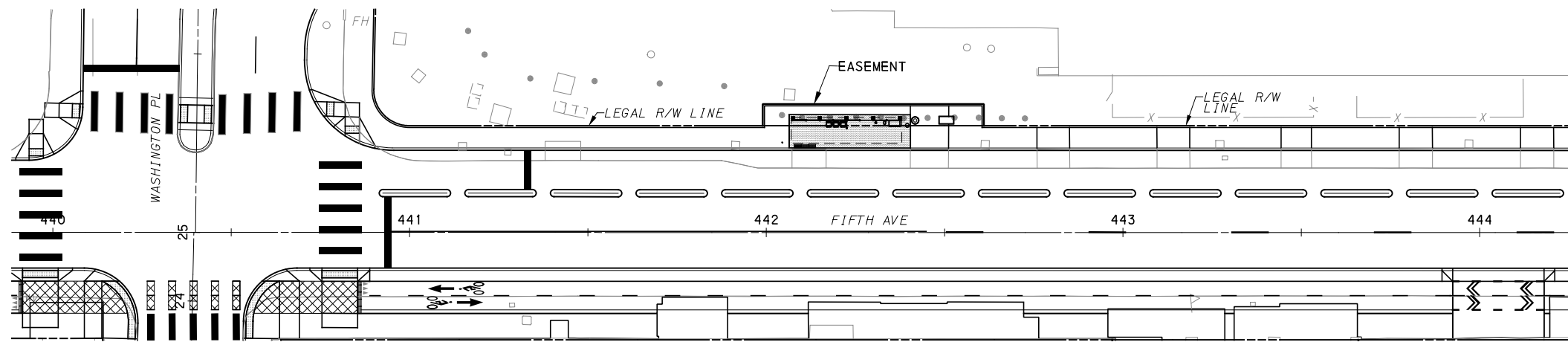
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

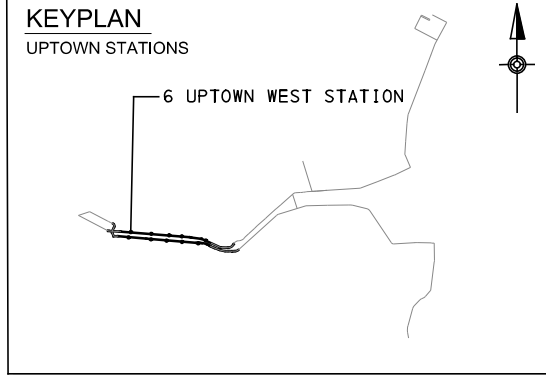
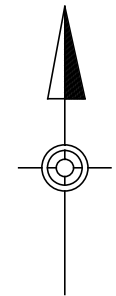
BUS RAPID TRANSIT UPTOWN TO OAKLAND ARCHITECTURAL PLANS
SHELTER SIZE AND AMENITIES SCHEDULE

Port Authority connecting people to life®

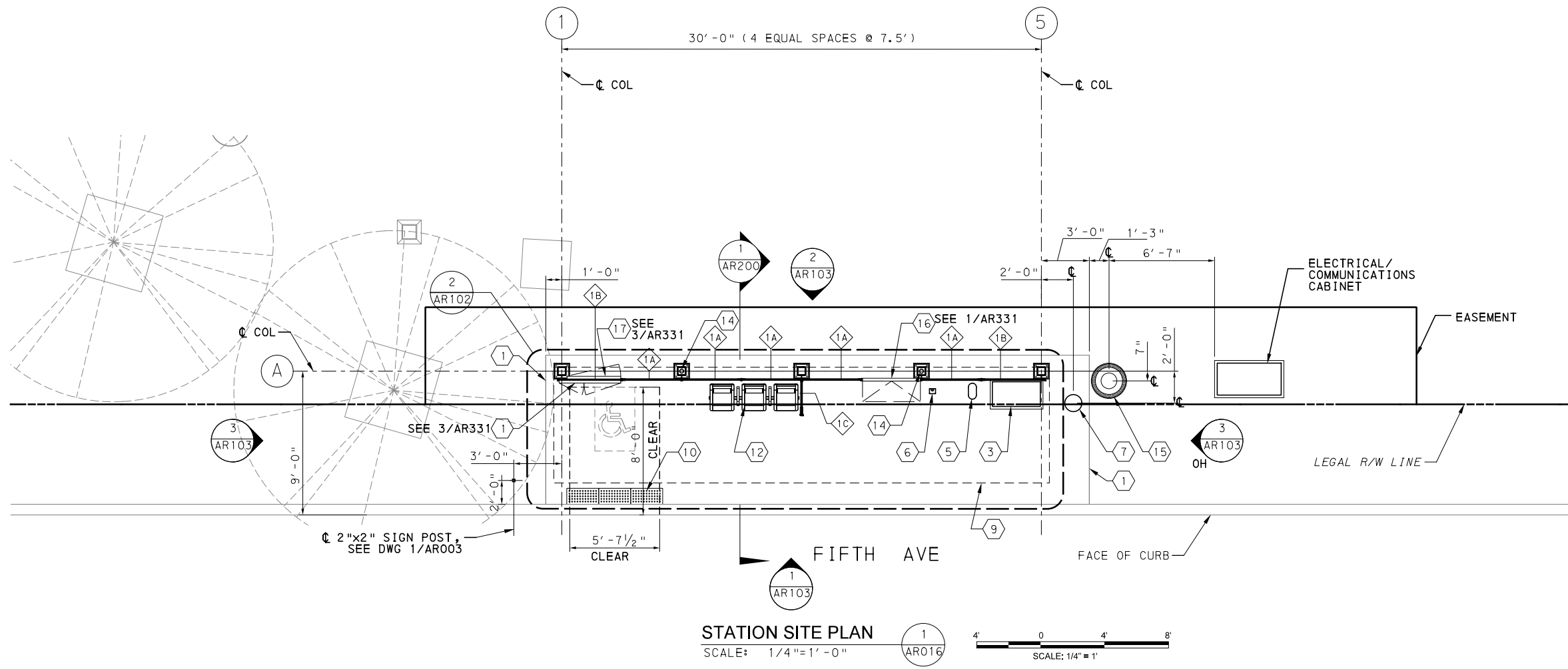
CONTRACT NO. BRT-001
DWG. NO. AR003 SHT. 746



STATION LOCATION PLAN
SCALE: 1" = 20'
2 ARO16



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4" = 1'-0"
1 ARO16

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET 358]

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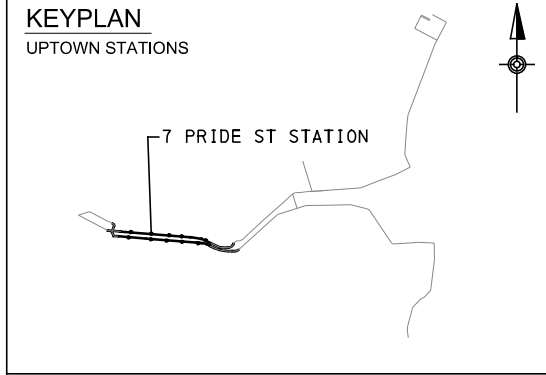
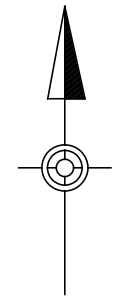
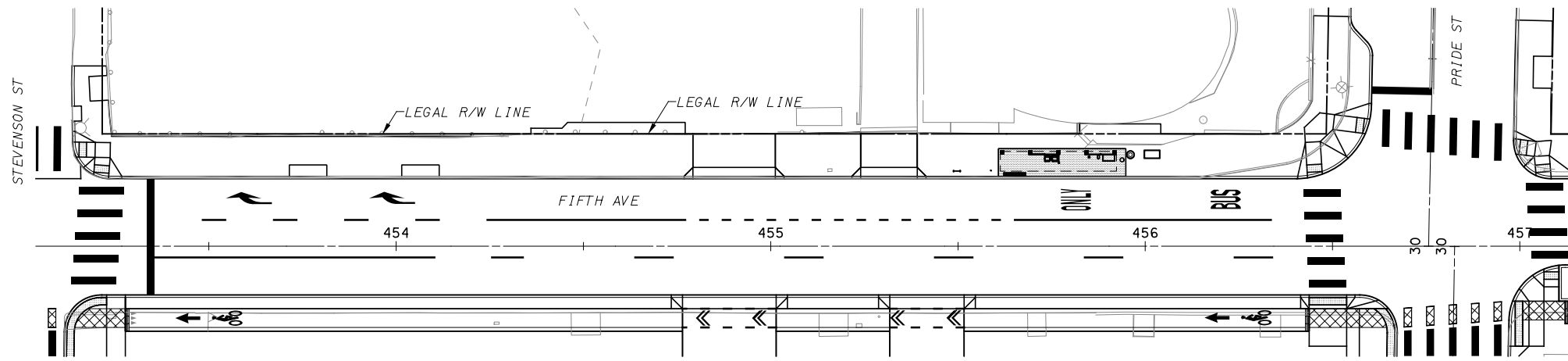
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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
6 UPTOWN WEST STATION-OVERALL SITE PLAN

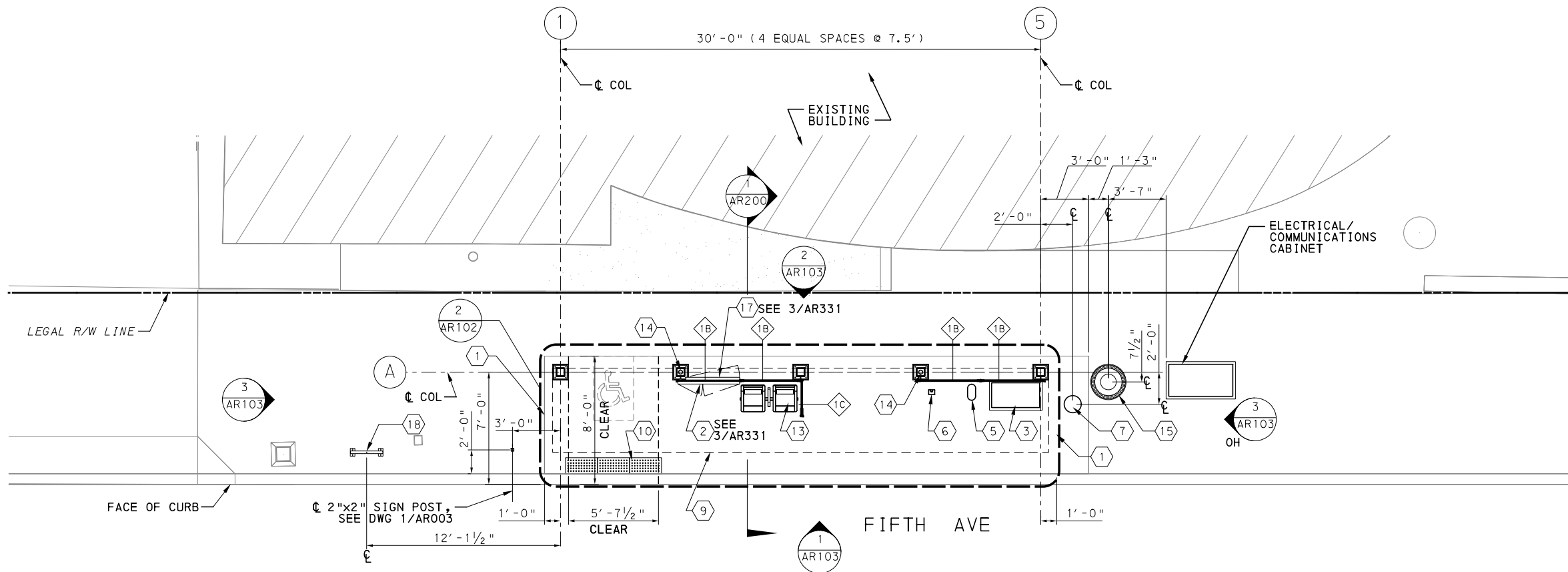
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CONTRACT NO. BRT-001	
DWG. NO. AR016	SHT. 747



- KEYNOTES:
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE

- NOTES:
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
 5. ALL SCREENED LINES INDICATE EXISTING.



[FOR ROADWAY PLAN SEE SHEET 361]

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PITTSBURGH PENNSYLVANIA

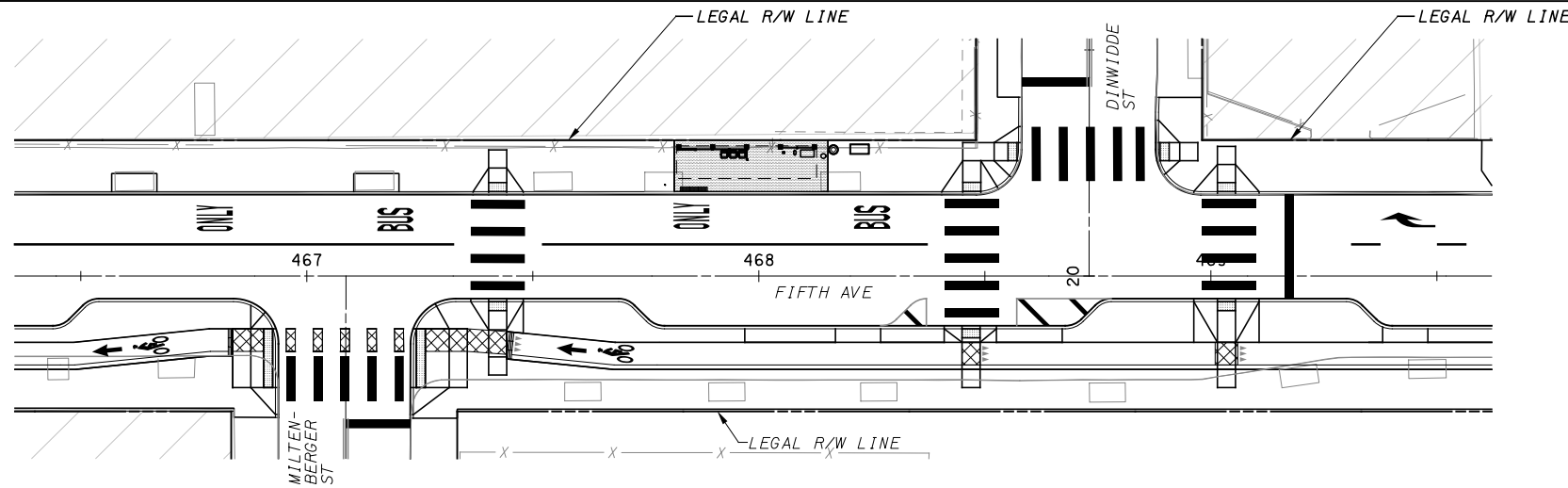
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
7 PRIDE ST STATION-OVERALL SITE PLAN

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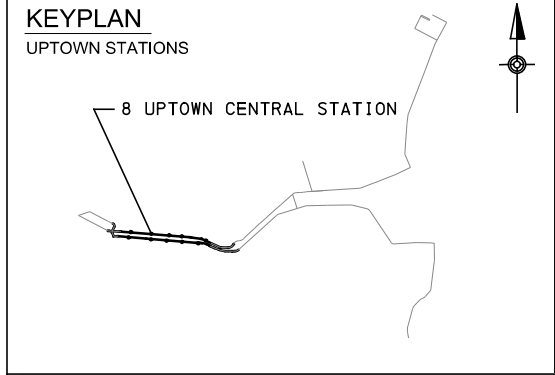
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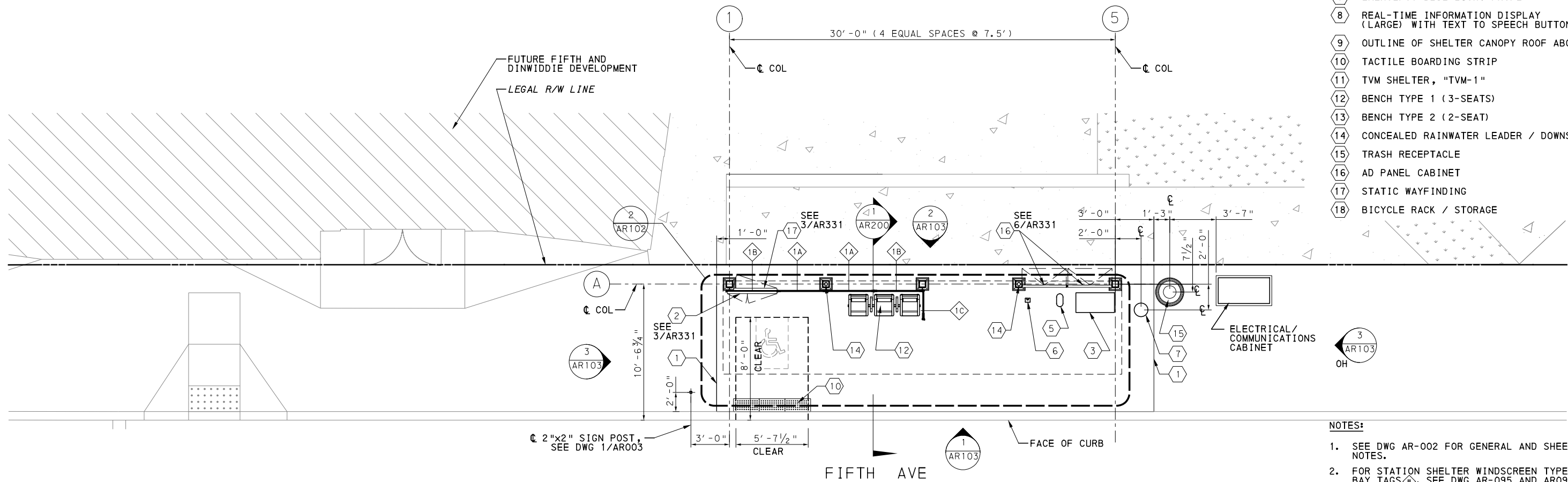
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STATION LOCATION PLAN
 SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
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 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
 SCALE: 1/4" = 1' - 0"

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE AR-096
 5. ALL SCREENED LINES INDICATE EXISTING.
 [FOR ROADWAY PLAN SEE SHEET 363]

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(NOT FOR CONSTRUCTION)

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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

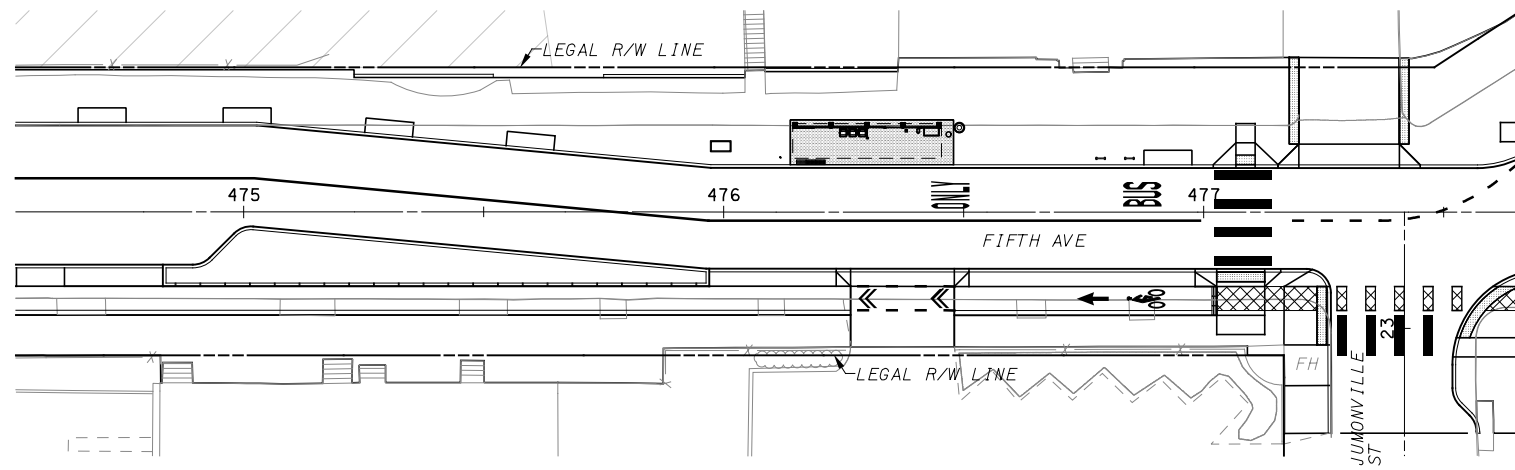
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 ARCHITECTURAL PLANS
 8 UPTOWN CENTRAL STATION-OVERALL SITE PLAN

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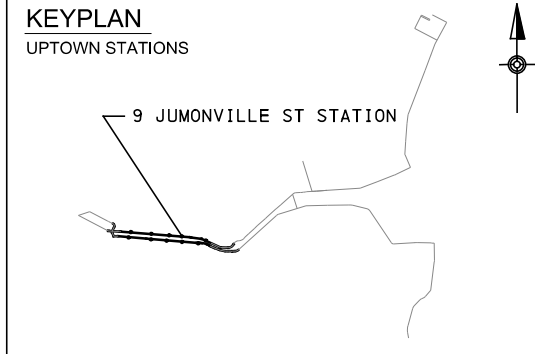
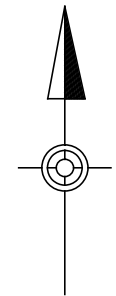
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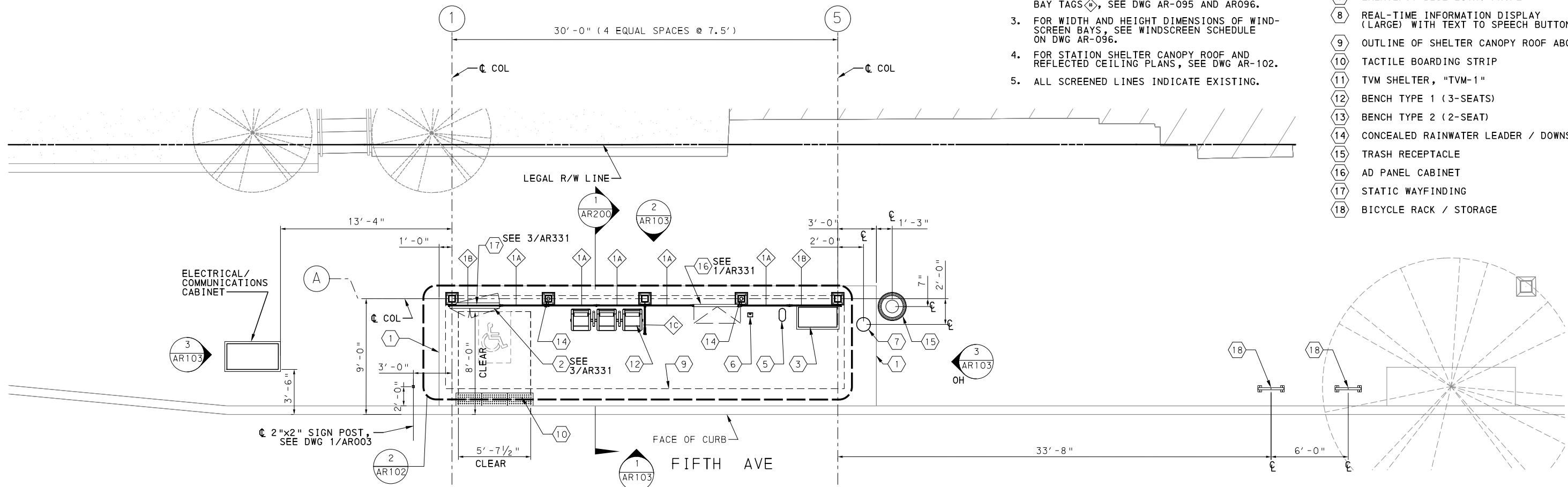


STATION LOCATION PLAN
 SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
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 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
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- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WIND-SCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
 5. ALL SCREENED LINES INDICATE EXISTING.



STATION SITE PLAN
 SCALE: 1/4" = 1' - 0"

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 5th Floor
 Pittsburgh, PA 15219

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REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	JS
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CHECKED	LG
IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

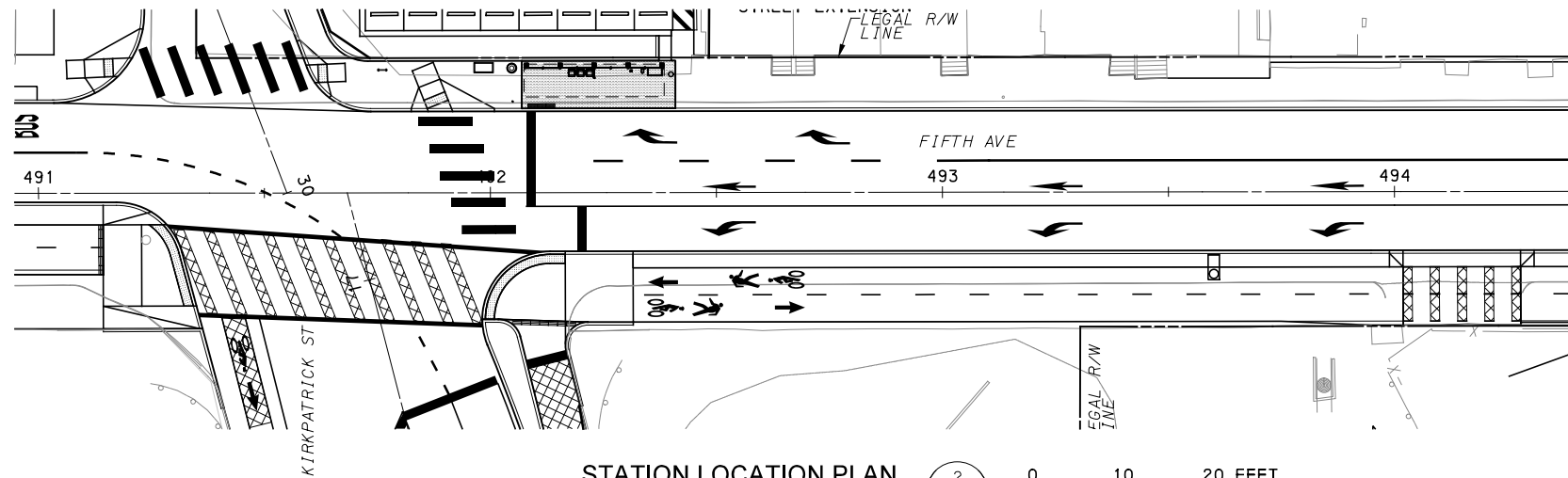
[FOR ROADWAY PLAN SEE SHEET 365]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

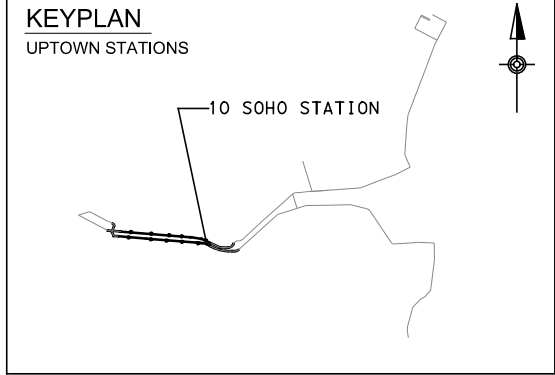
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 9 JUMONVILLE ST STATION-OVERALL SITE PLAN

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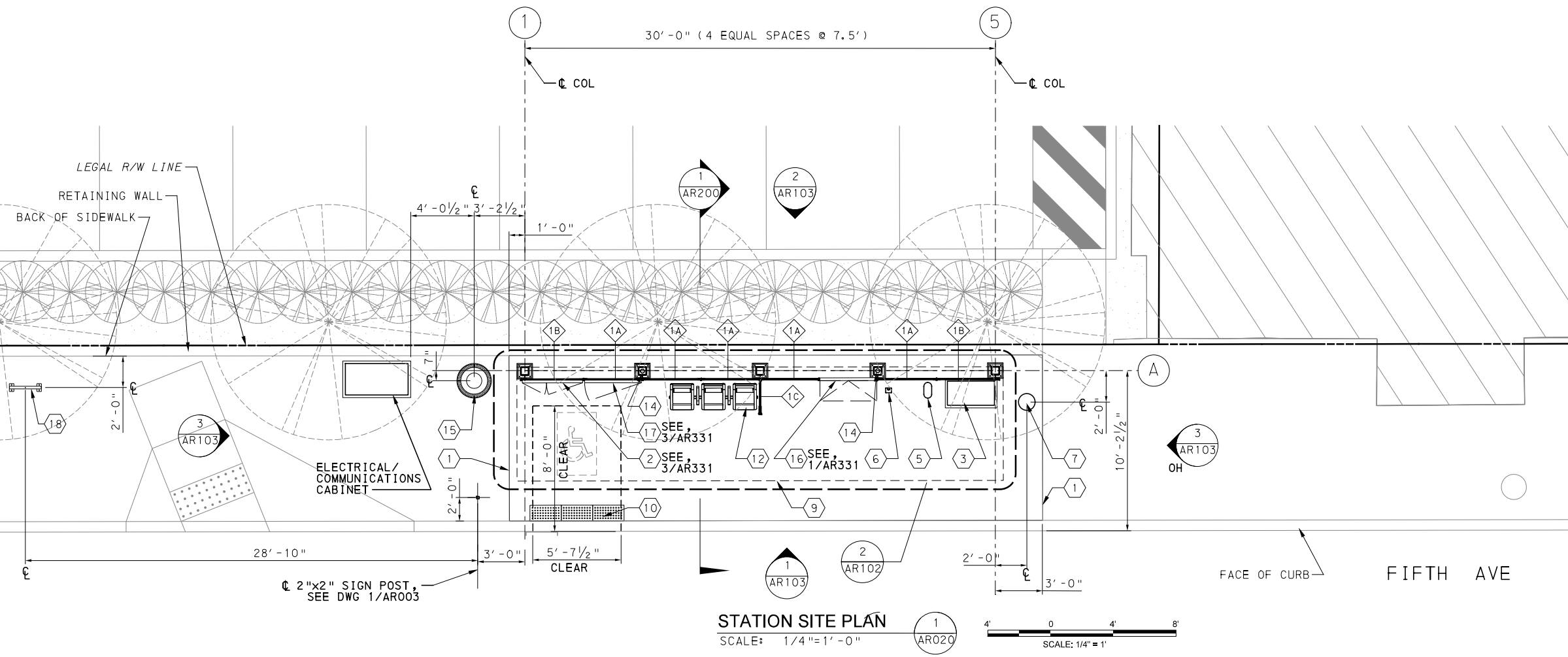
CONTRACT NO. BRT-001
 DWG. NO. AR019 SHT. 750



STATION LOCATION PLAN
 SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
 SCALE: 1/4"=1'-0"

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET 368]

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(NOT FOR CONSTRUCTION)

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IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

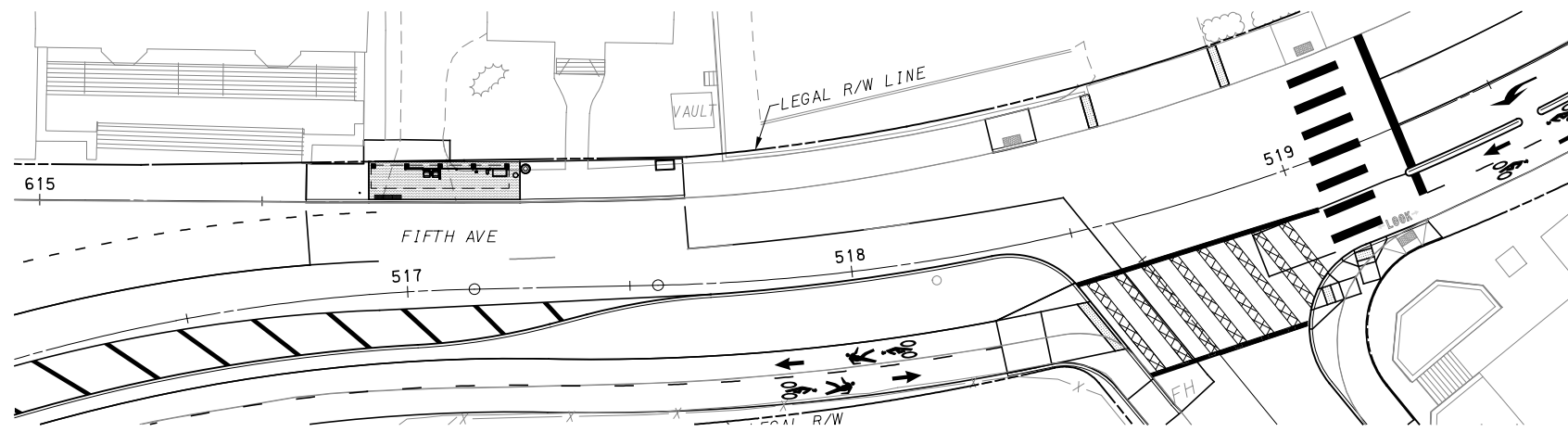
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 10 SOHO STATION-OVERALL SITE PLAN

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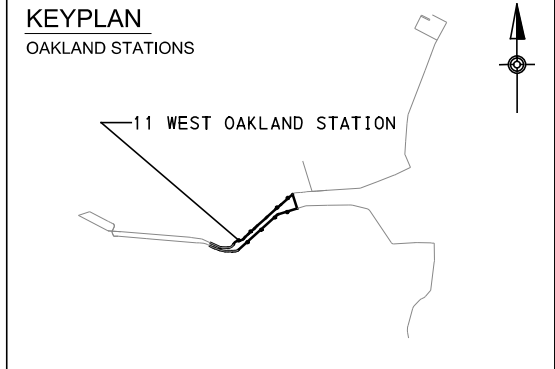
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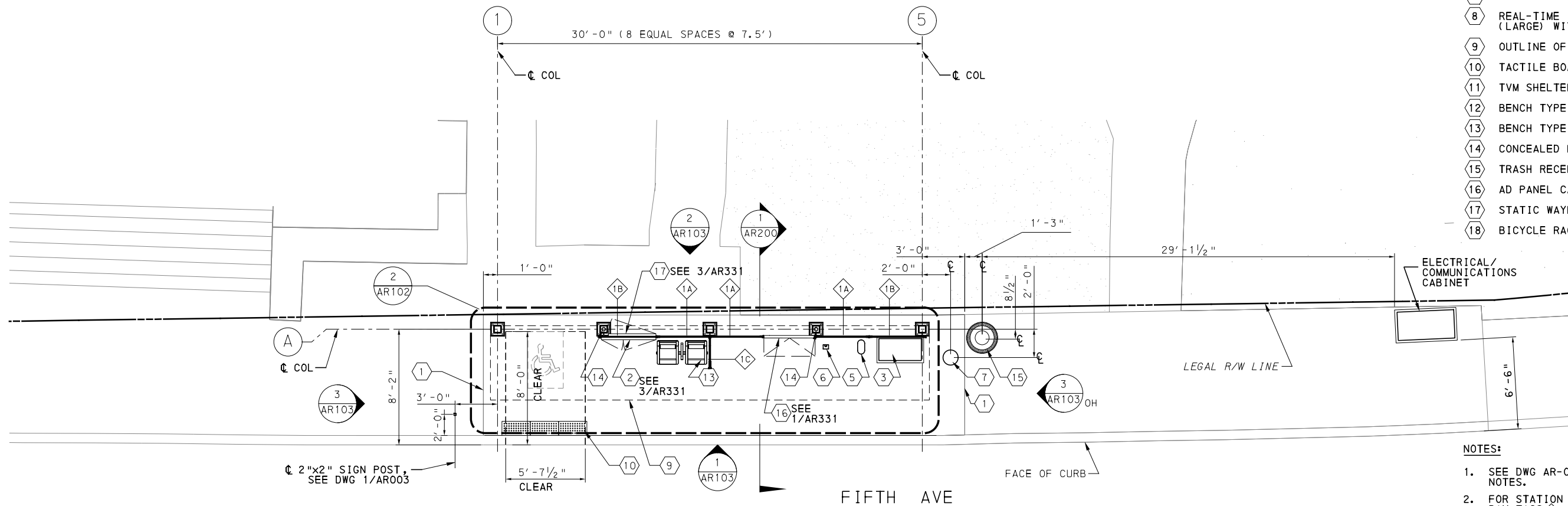
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STATION LOCATION PLAN
 SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
 SCALE: 1/4" = 1' - 0"

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET 372]



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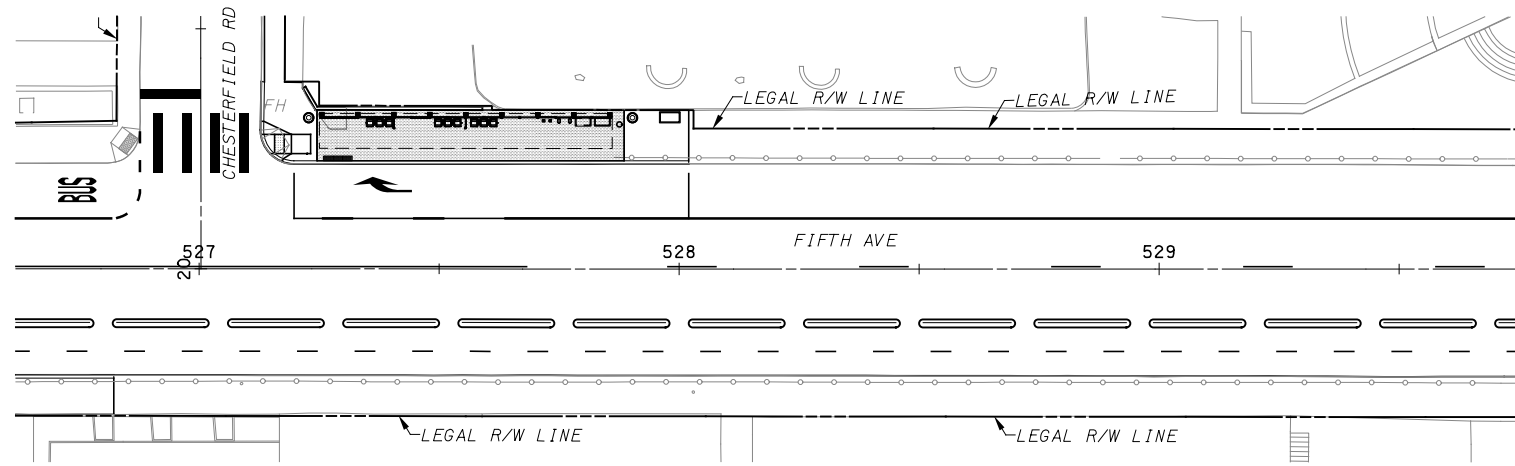
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IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

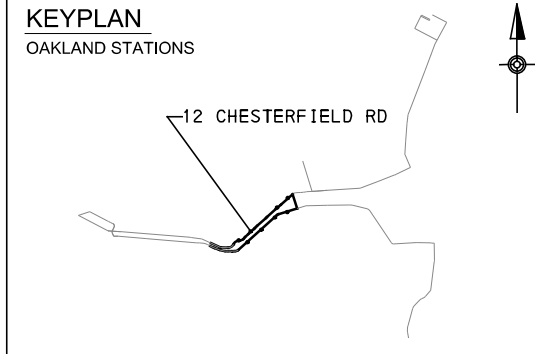
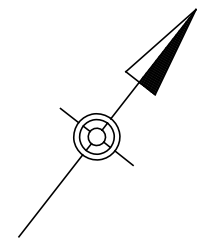
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 11 WEST OAKLAND STATION-OVERALL SITE PLAN

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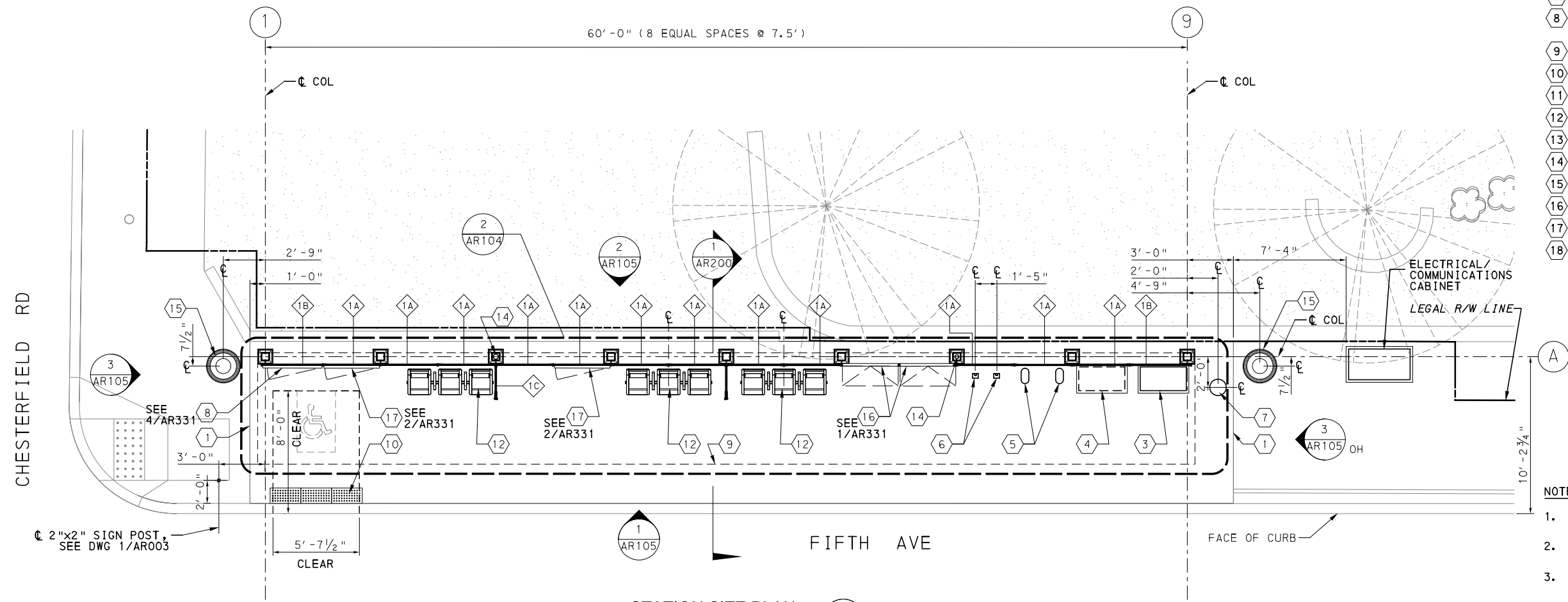
CONTRACT NO. BRT-001	
DWG. NO. AR021	SHT. 752



STATION LOCATION PLAN
SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET 374]

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DATE	05/01/24
SCALE	AS SHOWN

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PITTSBURGH PENNSYLVANIA

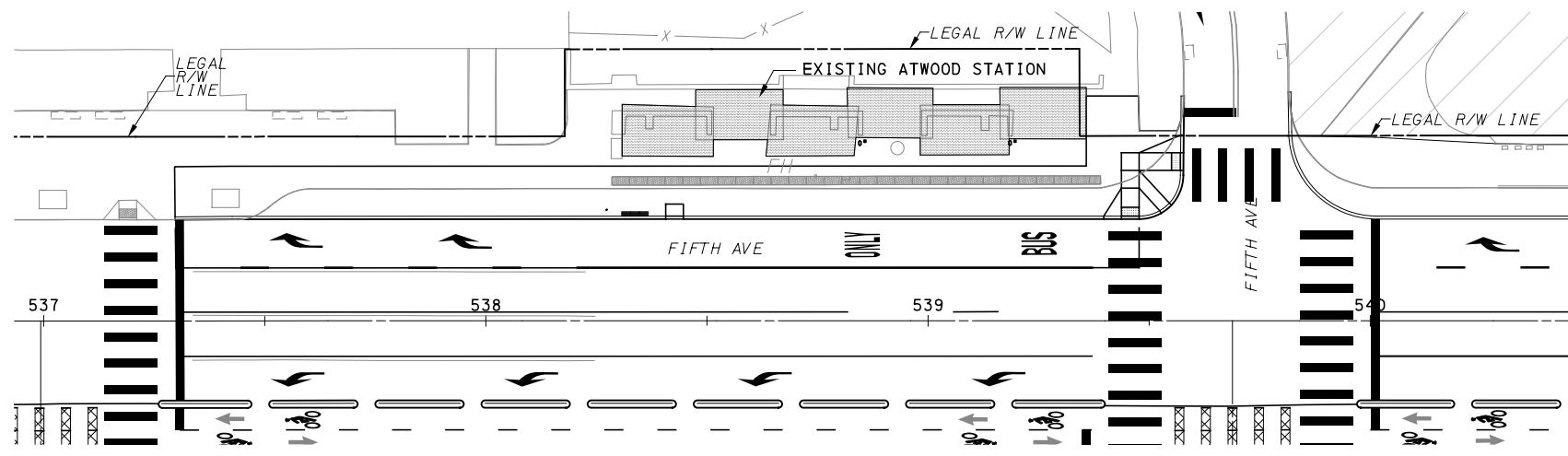
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
12 CHESTERFIELD RD STATION-OVERALL SITE PLAN

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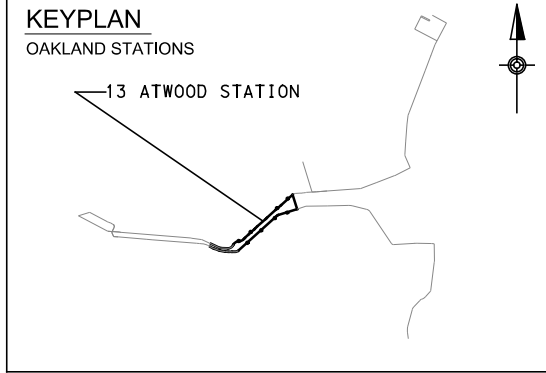
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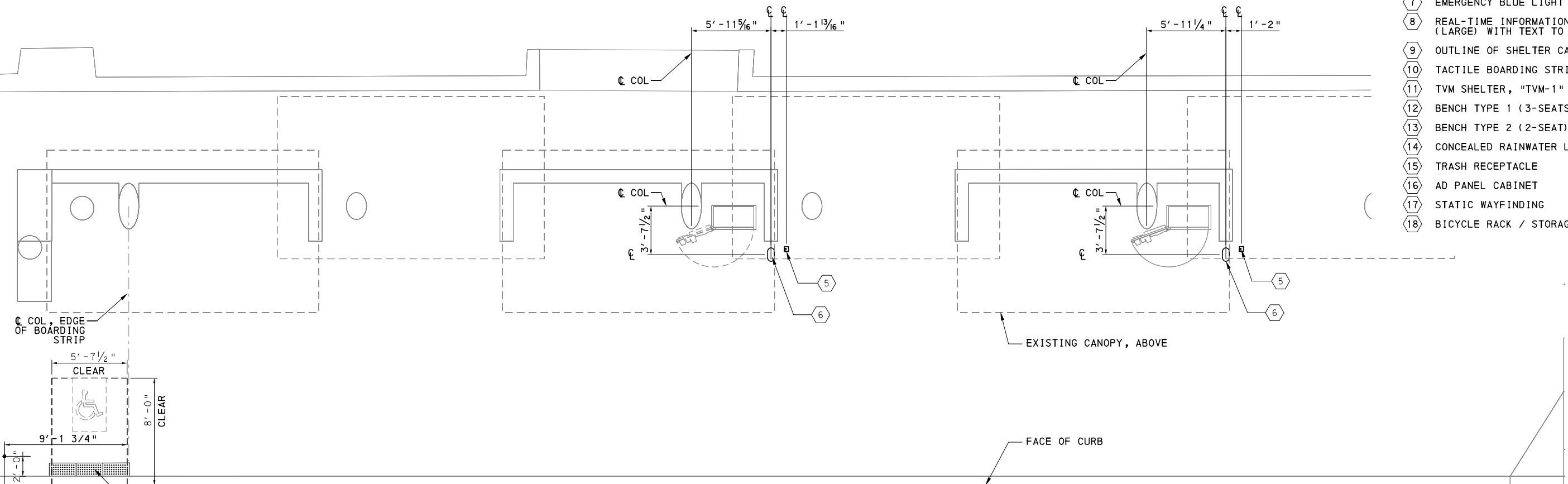
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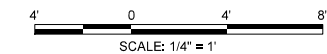
STATION LOCATION PLAN
 SCALE 1"=20'
 2 ARO23



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
 SCALE: 1/4"=1'-0"
 1 ARO23



[FOR ROADWAY PLAN SEE SHEET 376]

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(NOT FOR CONSTRUCTION)

DESIGNED	JS
DRAWN	RA
CHECKED	LG
IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

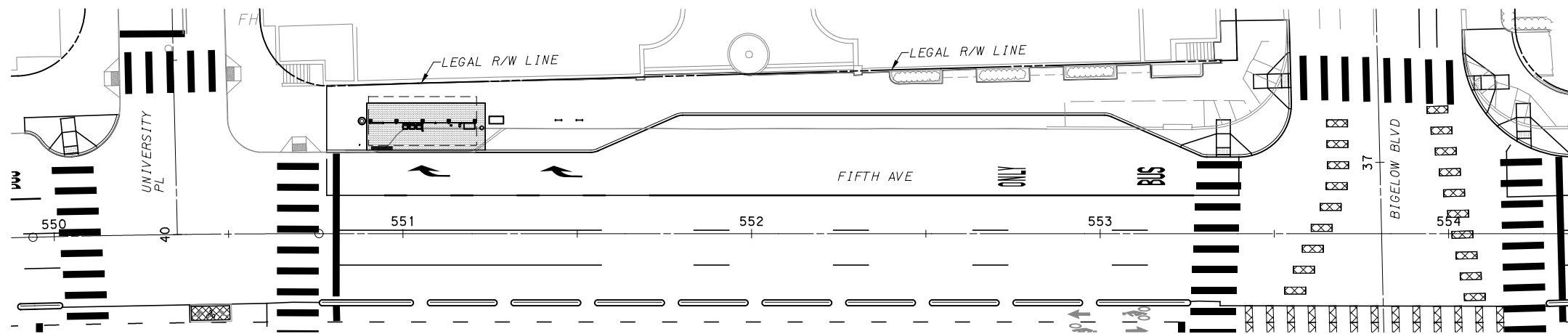
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 13 ATWOOD STATION-OVERALL SITE PLAN

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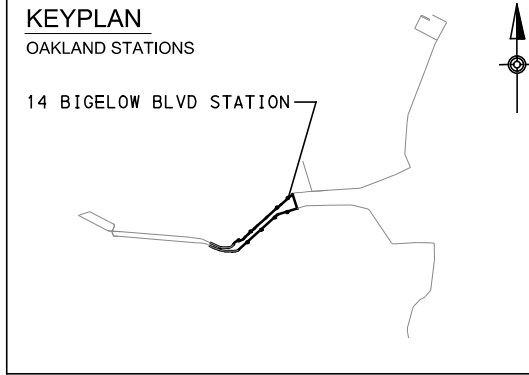
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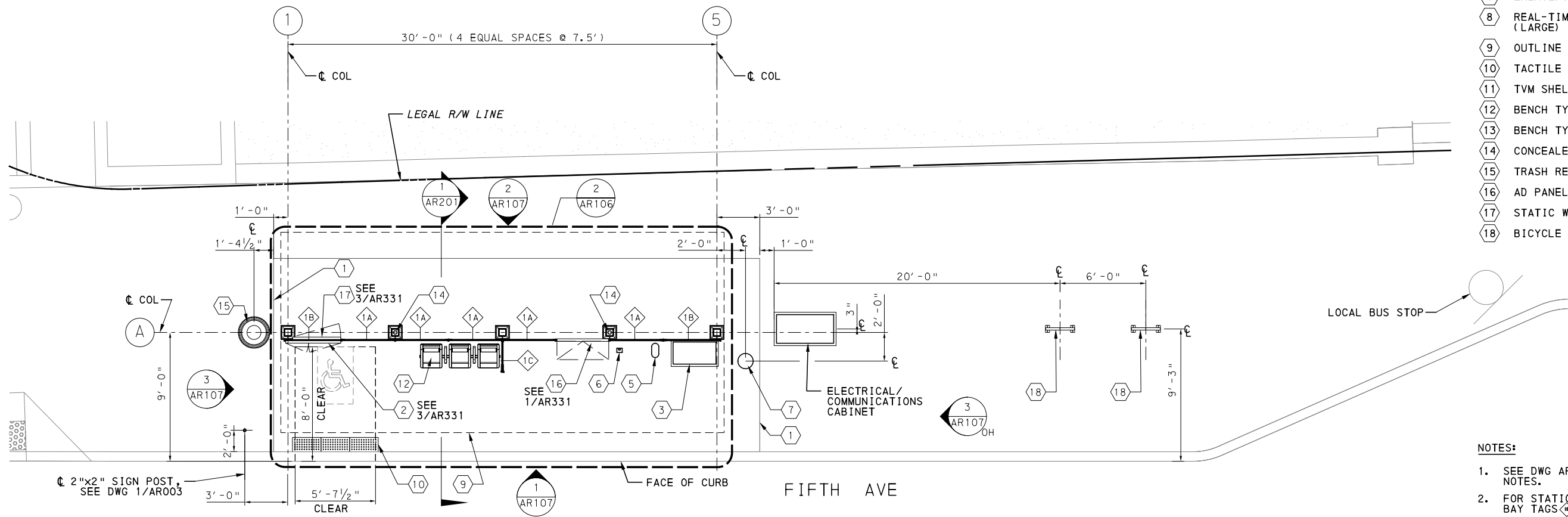
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STATION LOCATION PLAN
SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER GULLWING CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-106.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET XXX]

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Pittsburgh, PA 15219

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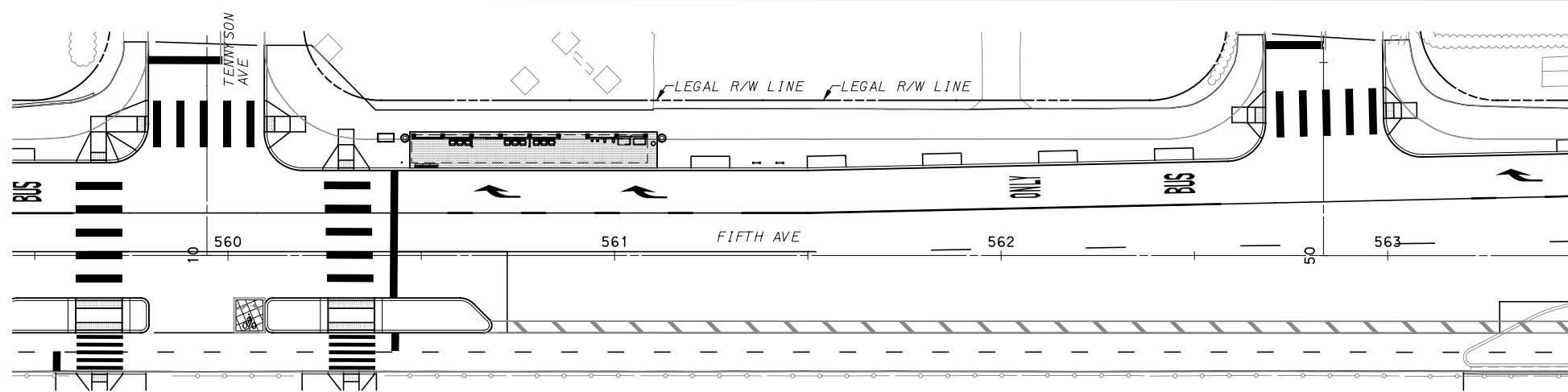
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DATE	05/01/24
SCALE	AS SHOWN

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BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
14 BIGELOW BLVD STATION-OVERALL SITE PLAN

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DWG. NO. AR024 SHT. 755



STATION LOCATION PLAN

SCALE 1:20

2
AR025

0 10 20 FEET

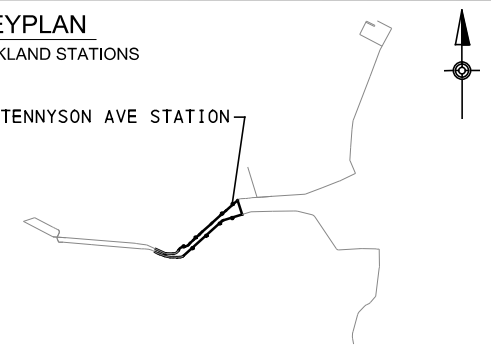
NOTES:

- SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
- FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
- FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
- FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
- ALL SCREENED LINES INDICATE EXISTING.

KEYPLAN

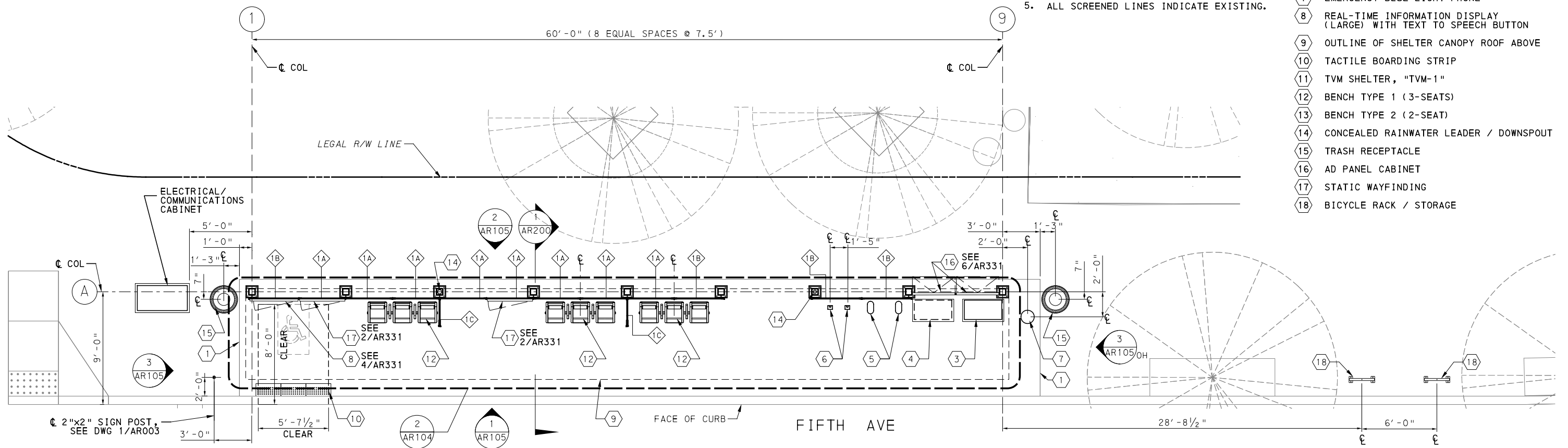
OAKLAND STATIONS

15 TENNYSON AVE STATION



KEYNOTES:

- OUTLINE OF STATION PAD
- REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
- TICKET VENDING MACHINE (TVM)
- FUTURE TVM
- S&B VALIDATOR
- MJR VALIDATOR
- EMERGENCY BLUE LIGHT PHONE
- REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
- OUTLINE OF SHELTER CANOPY ROOF ABOVE
- TACTILE BOARDING STRIP
- TVM SHELTER, "TVM-1"
- BENCH TYPE 1 (3-SEATS)
- BENCH TYPE 2 (2-SEAT)
- CONCEALED RAINWATER LEADER / DOWNSPOUT
- TRASH RECEPTACLE
- AD PANEL CABINET
- STATIC WAYFINDING
- BICYCLE RACK / STORAGE



STATION SITE PLAN

SCALE: 1/4" = 1' - 0"

1
AR025

0 4 8
SCALE: 1/4" = 1'

[FOR ROADWAY PLAN SEE SHEET 380]



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DATE	05/01/24
SCALE	AS SHOWN

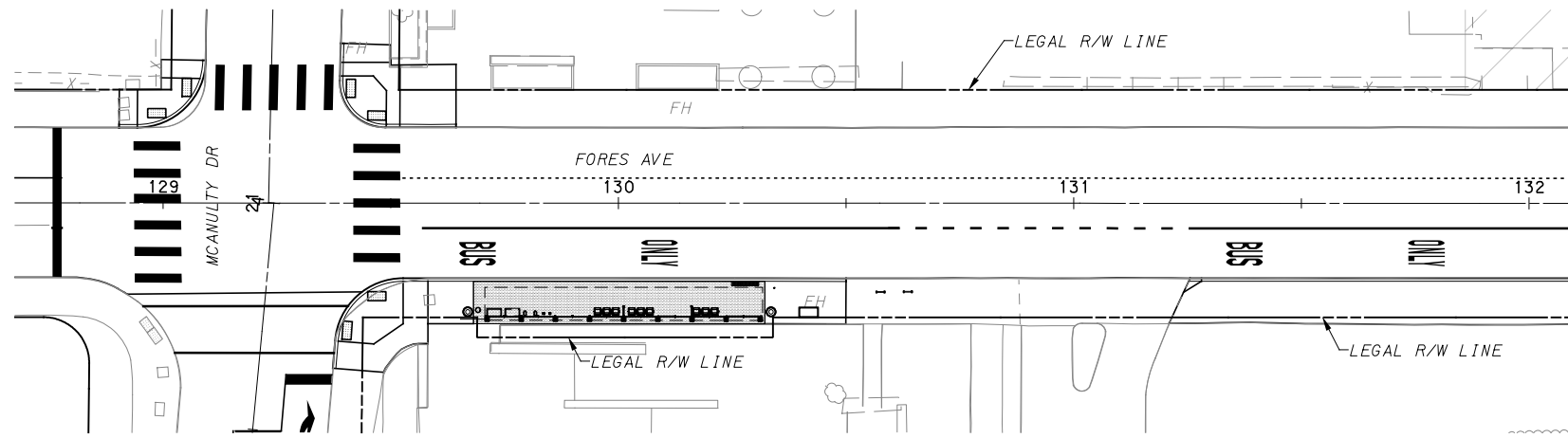
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
15 TENNYSON AVE STATION-OVERALL SITE PLAN

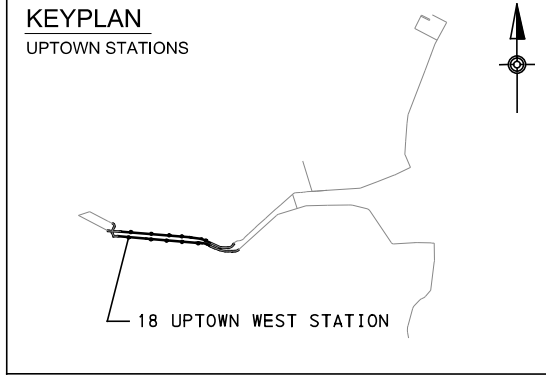


CONTRACT NO. BRT-001

DWG. NO. AR025 SHT. 756



STATION LOCATION PLAN
SCALE: 1"=20'
2 ARO28

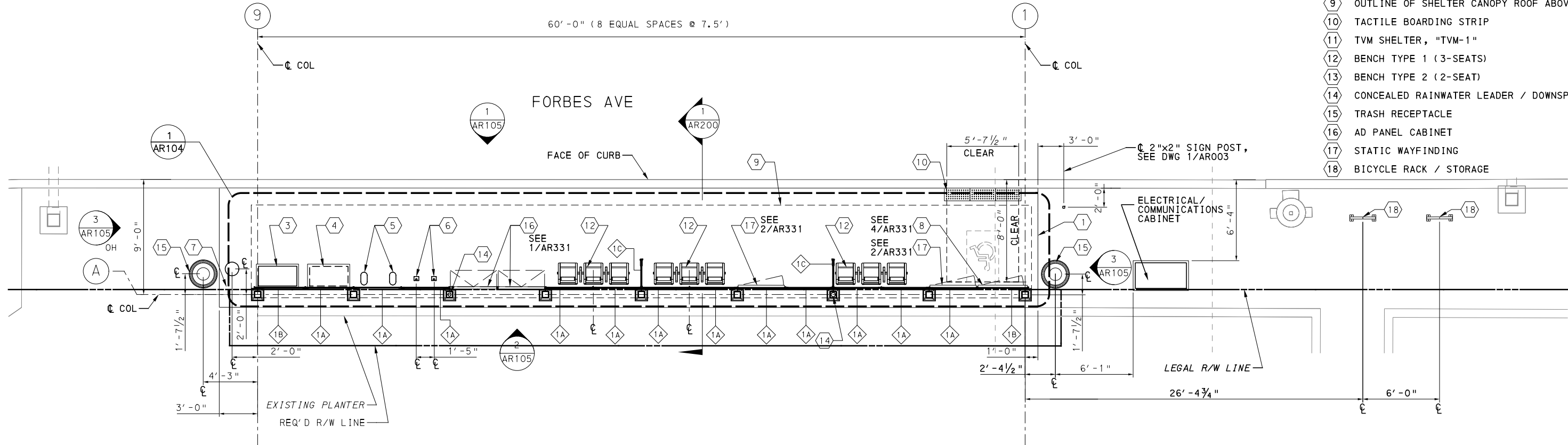


NOTES:

- SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
- FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND ARO96.
- FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
- FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
- ALL SCREENED LINES INDICATE EXISTING.

KEYNOTES:

- OUTLINE OF STATION PAD
- REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
- TICKET VENDING MACHINE (TVM)
- FUTURE TVM
- S&B VALIDATOR
- MJR VALIDATOR
- EMERGENCY BLUE LIGHT PHONE
- REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
- OUTLINE OF SHELTER CANOPY ROOF ABOVE
- TACTILE BOARDING STRIP
- TVM SHELTER, "TVM-1"
- BENCH TYPE 1 (3-SEATS)
- BENCH TYPE 2 (2-SEAT)
- CONCEALED RAINWATER LEADER / DOWNSPOUT
- TRASH RECEPTACLE
- AD PANEL CABINET
- STATIC WAYFINDING
- BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4"=1'-0"
1 ARO28

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Pittsburgh, PA 15219

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(NOT FOR CONSTRUCTION)

DESIGNED	JS
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CHECKED	LG
IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

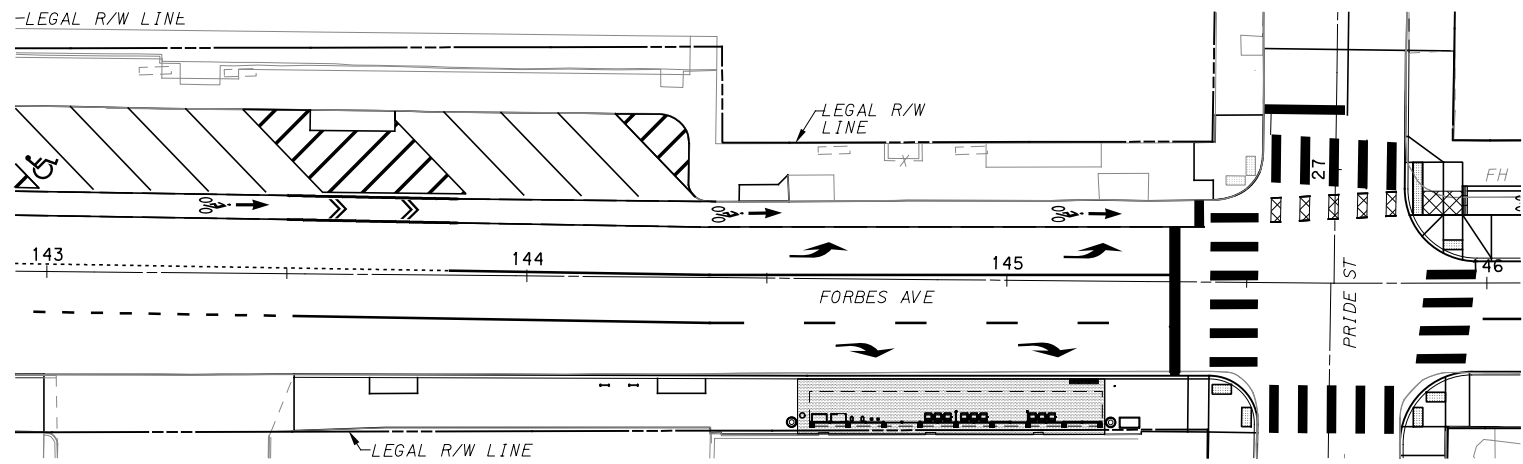
[FOR ROADWAY PLAN SEE SHEET 384]

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PITTSBURGH PENNSYLVANIA

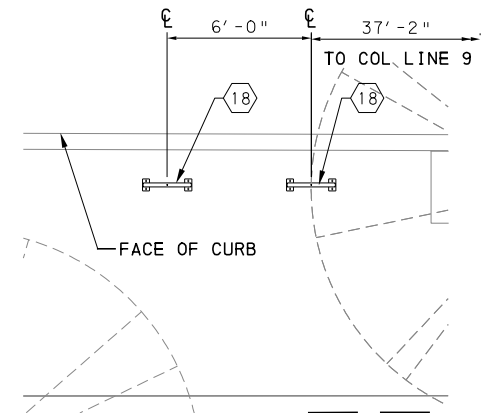
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
18 UPTOWN WEST STATION-OVERALL SITE PLAN

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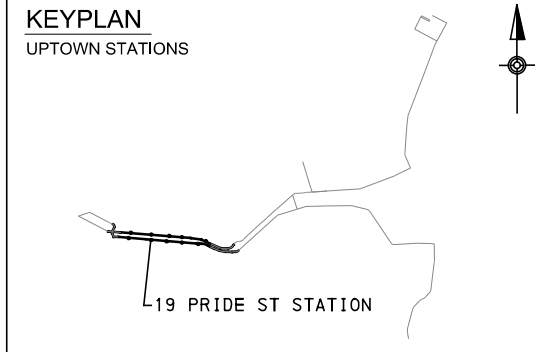
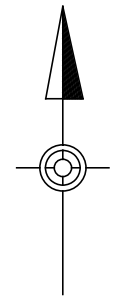
CONTRACT NO. BRT-001
DWG. NO. ARO28
SHT. 757



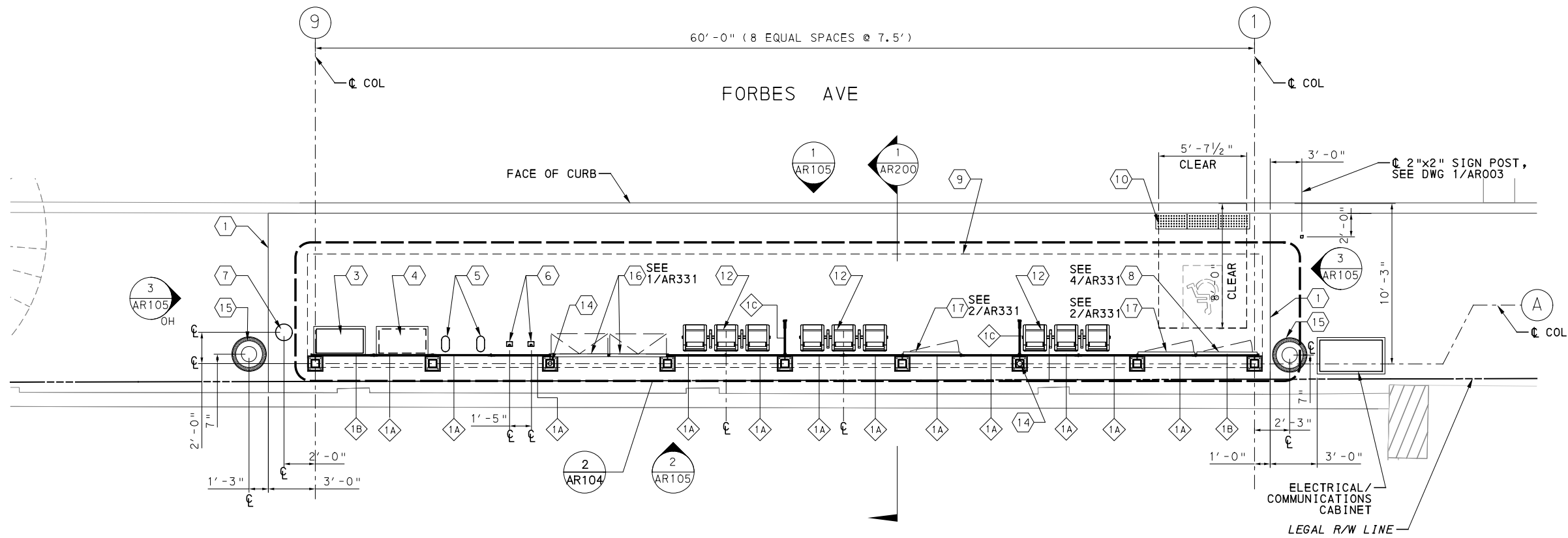
STATION LOCATION PLAN
SCALE: 1"=20'
2 ARO29



PART SITE PLAN
SCALE: 1/4"=1'-0"
3 ARO29



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4"=1'-0"
1 ARO29

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET 387]



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5th Floor
Pittsburgh, PA 15219

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(NOT FOR CONSTRUCTION)

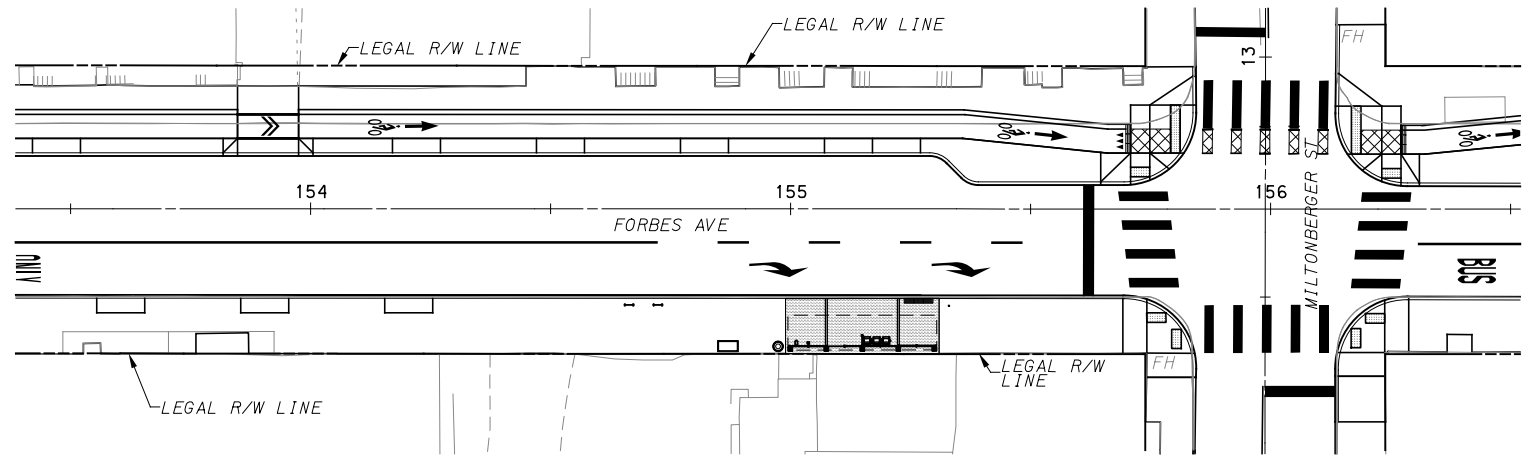
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IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

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PITTSBURGH PENNSYLVANIA

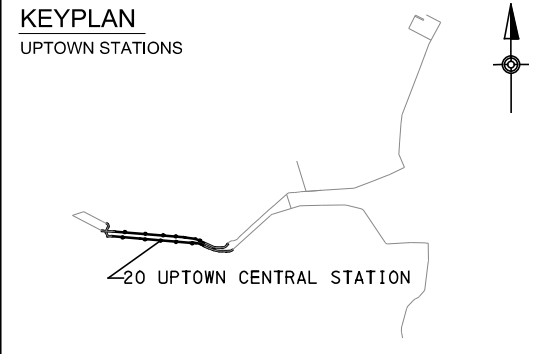
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
19 PRIDE ST STATION-OVERALL SITE PLAN

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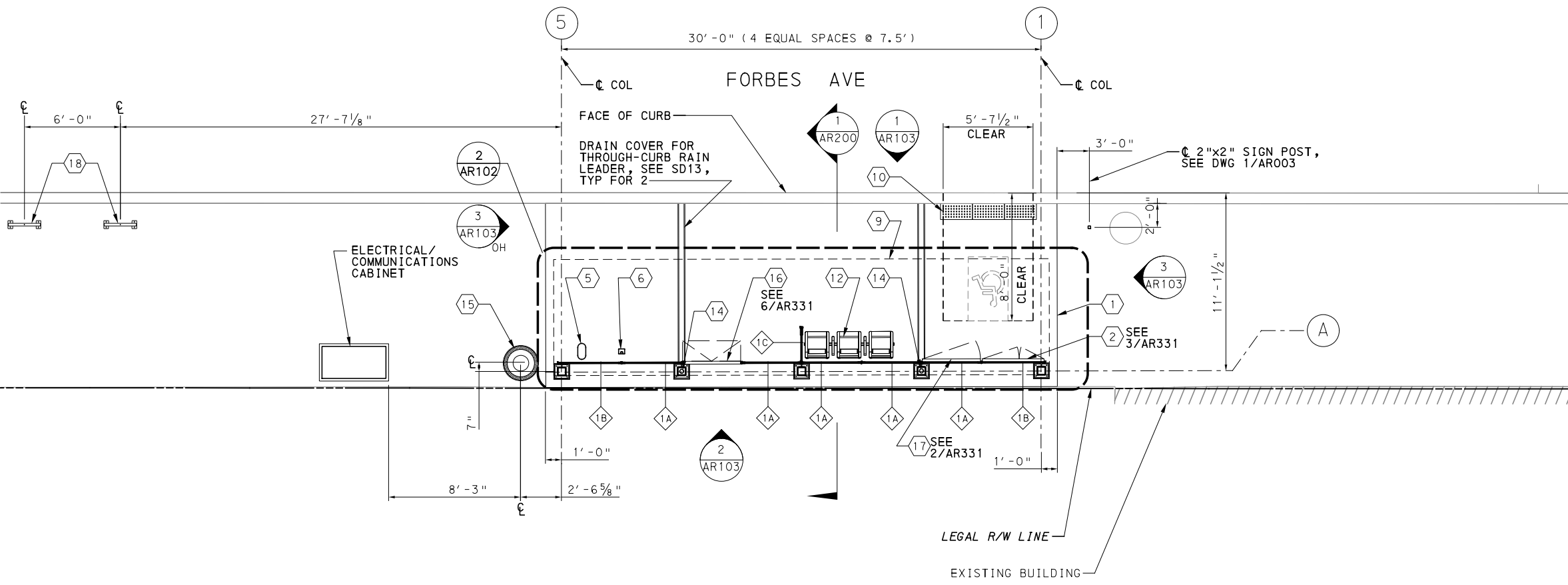
CONTRACT NO. BRT-001
DWG. NO. AR029 SHT. 758



STATION LOCATION PLAN
SCALE: 1" = 20'
2 ARO30



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4" = 1'-0"
1 ARO30

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET 389]



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IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

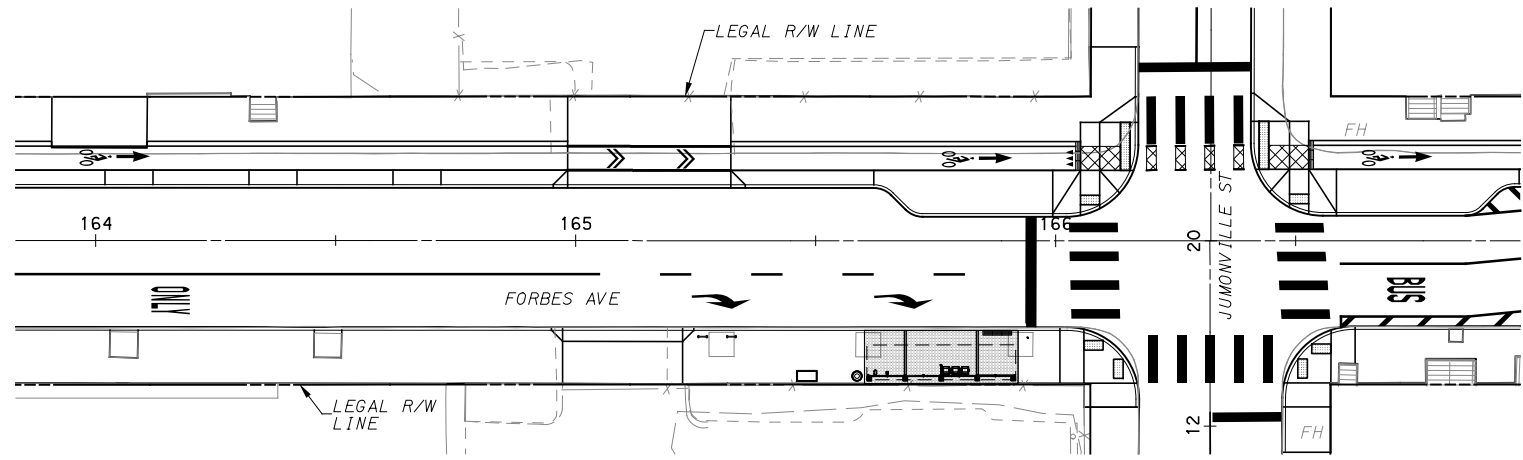
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
20 UPTOWN CENTRAL STATION-OVERALL SITE PLAN

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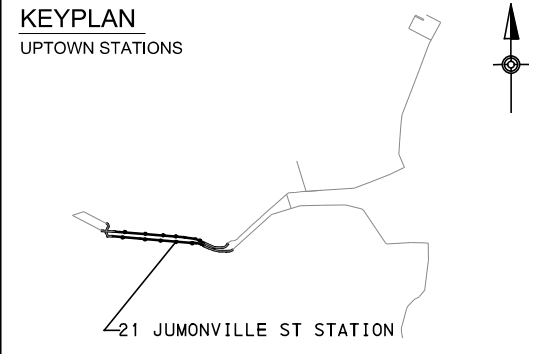
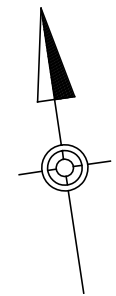
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DWG. NO. AR030 SHT. 759

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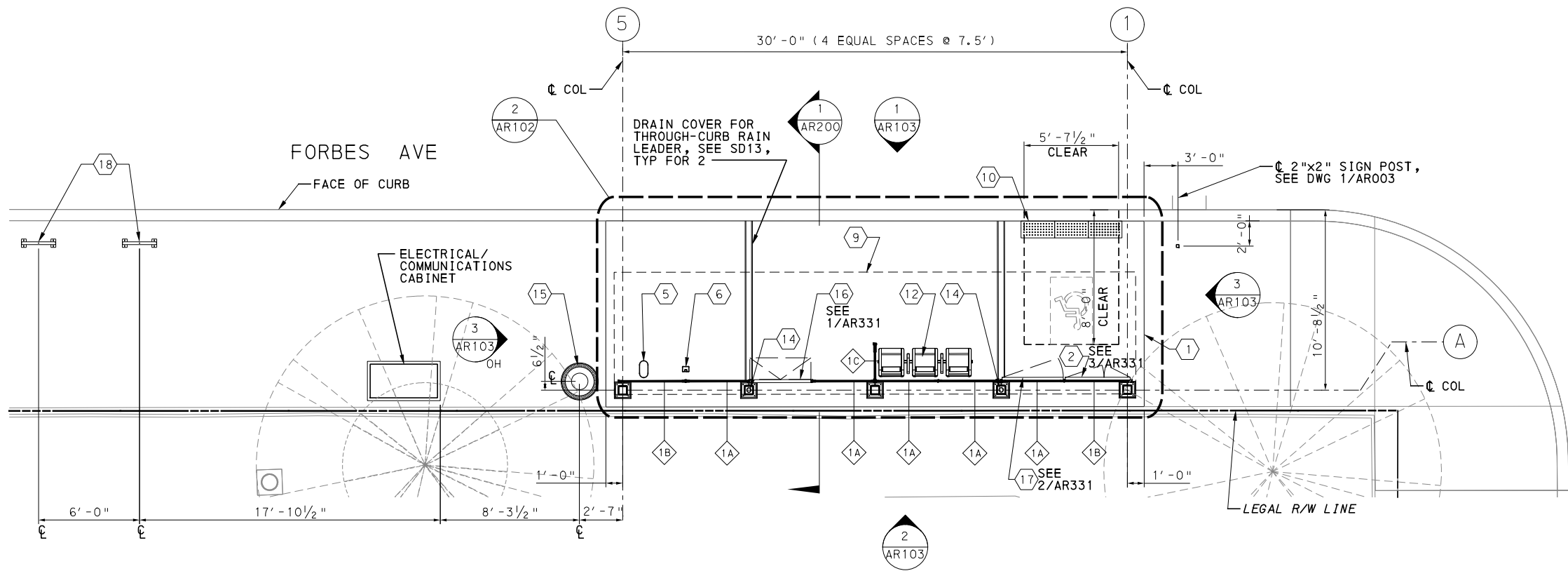


STATION LOCATION PLAN
SCALE: 1" = 20'
2 ARO31



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
 5. ALL SCREENED LINES INDICATE EXISTING.



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"
1 ARO31

[FOR ROADWAY PLAN SEE SHEET 391]

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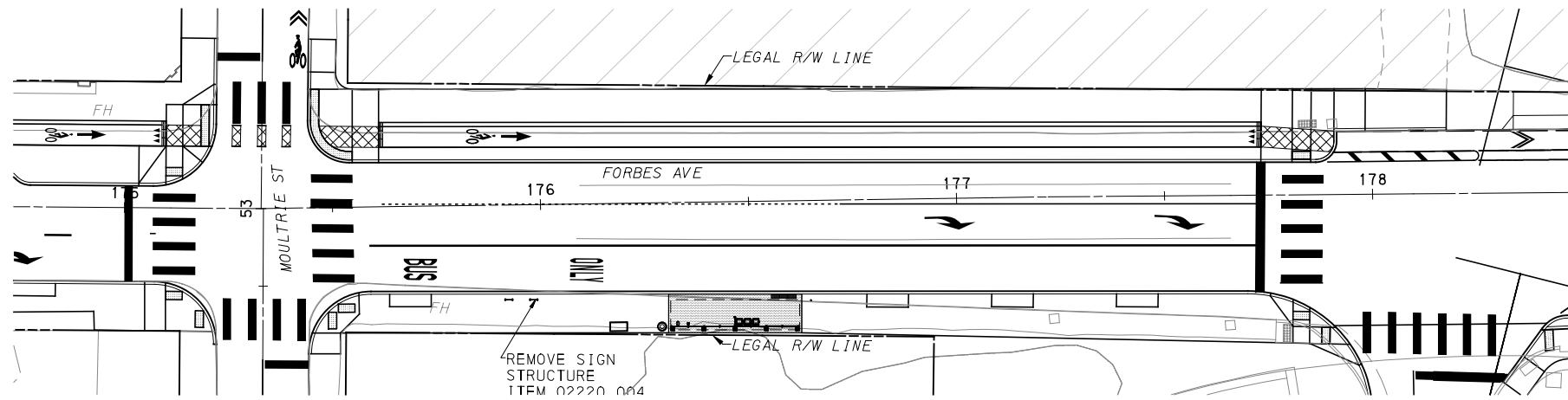
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DATE	05/01/24
SCALE	AS SHOWN

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PITTSBURGH PENNSYLVANIA

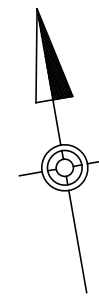
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
21 JUMONVILLE ST STATION-OVERALL SITE PLAN

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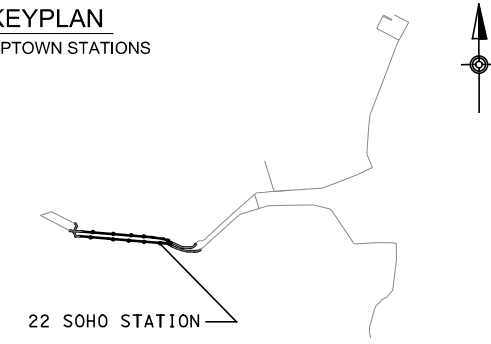
CONTRACT NO. BRT-001	
DWG. NO. AR031	SHT. 760



STATION LOCATION PLAN
SCALE 1:20



KEYPLAN
UPTOWN STATIONS

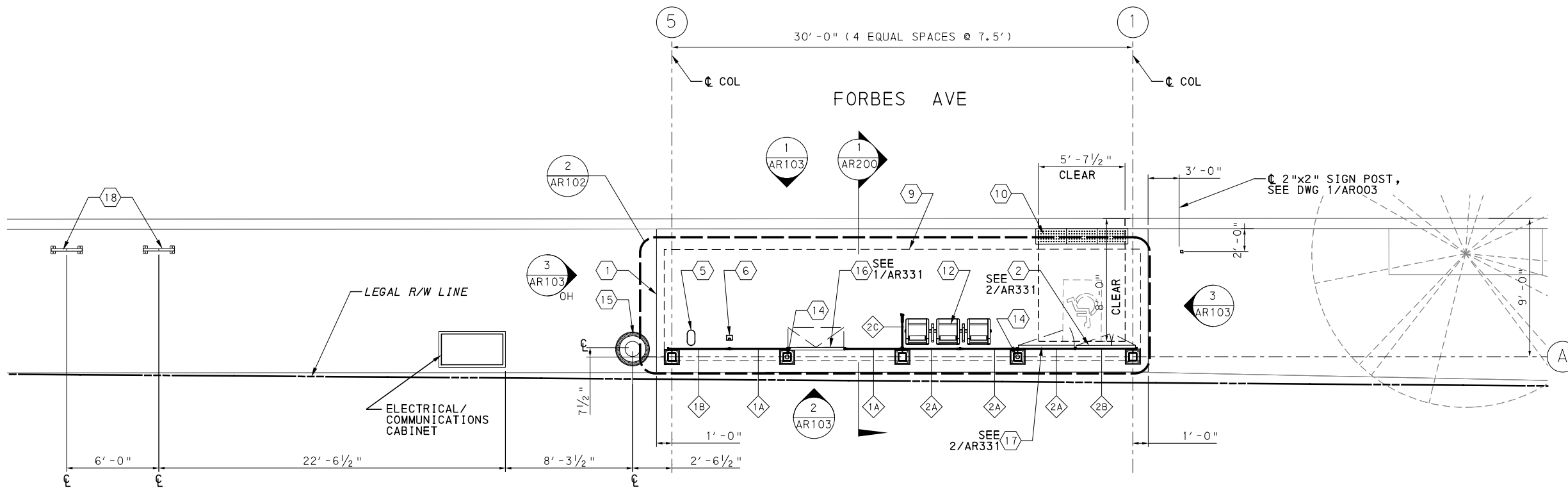


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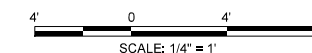
- 1 OUTLINE OF STATION PAD
- 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
- 3 TICKET VENDING MACHINE (TVM)
- 4 FUTURE TVM
- 5 S&B VALIDATOR
- 6 MJR VALIDATOR
- 7 EMERGENCY BLUE LIGHT PHONE
- 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
- 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
- 10 TACTILE BOARDING STRIP
- 11 TVM SHELTER, "TVM-1"
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- 13 BENCH TYPE 2 (2-SEAT)
- 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
- 15 TRASH RECEPTACLE
- 16 AD PANEL CABINET
- 17 STATIC WAYFINDING
- 18 BICYCLE RACK / STORAGE

NOTES:

- 1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
- 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
- 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
- 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-102.
- 5. ALL SCREENED LINES INDICATE EXISTING.



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"



[FOR ROADWAY PLAN SEE SHEET 393]



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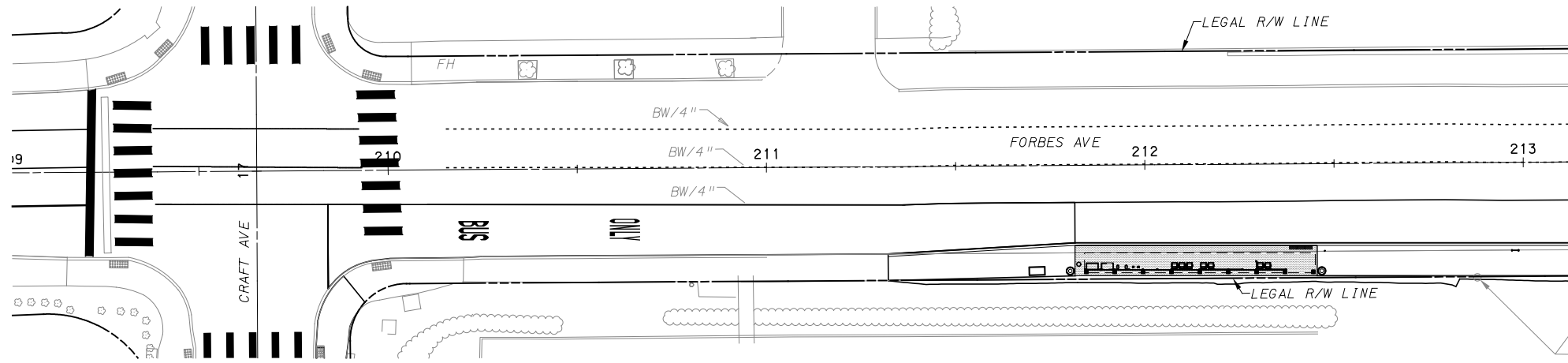
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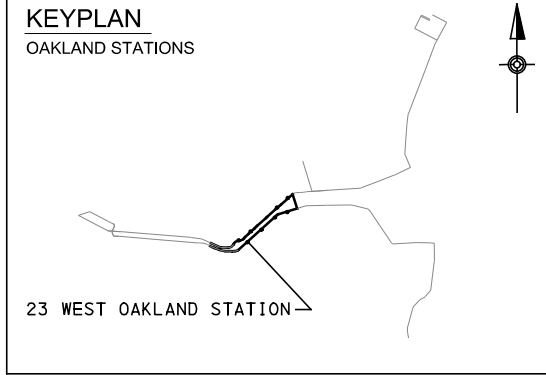
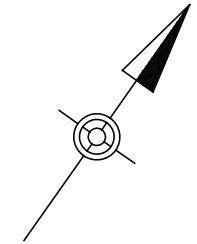
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
22 SOHO STATION-OVERALL SITE PLAN



CONTRACT NO. BRT-001
DWG. NO. AR032 SHT. 761

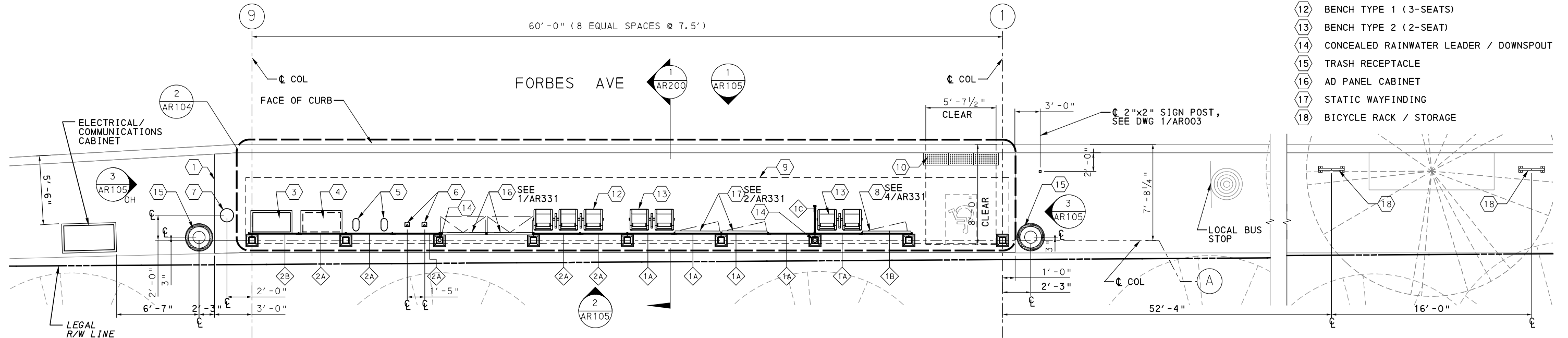


STATION LOCATION PLAN
SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
 5. ALL SCREENED LINES INDICATE EXISTING.



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"

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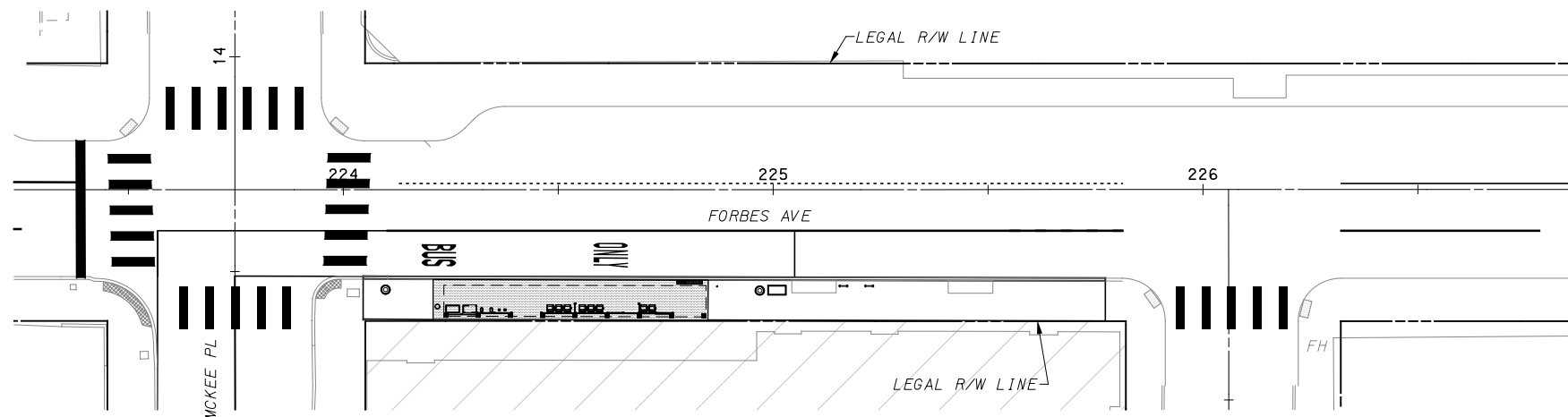
[FOR ROADWAY PLAN SEE SHEET 395]

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PITTSBURGH PENNSYLVANIA

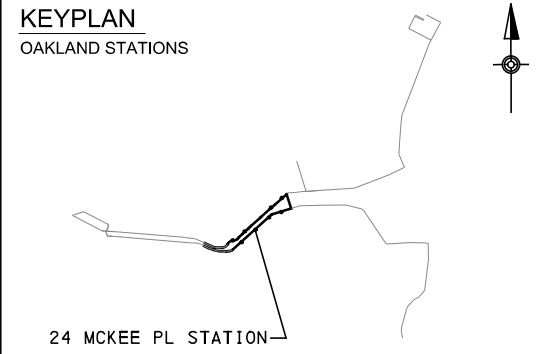
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
23 WEST OAKLAND STATION-OVERALL SITE PLAN

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DWG. NO. AR033	SHT. 762

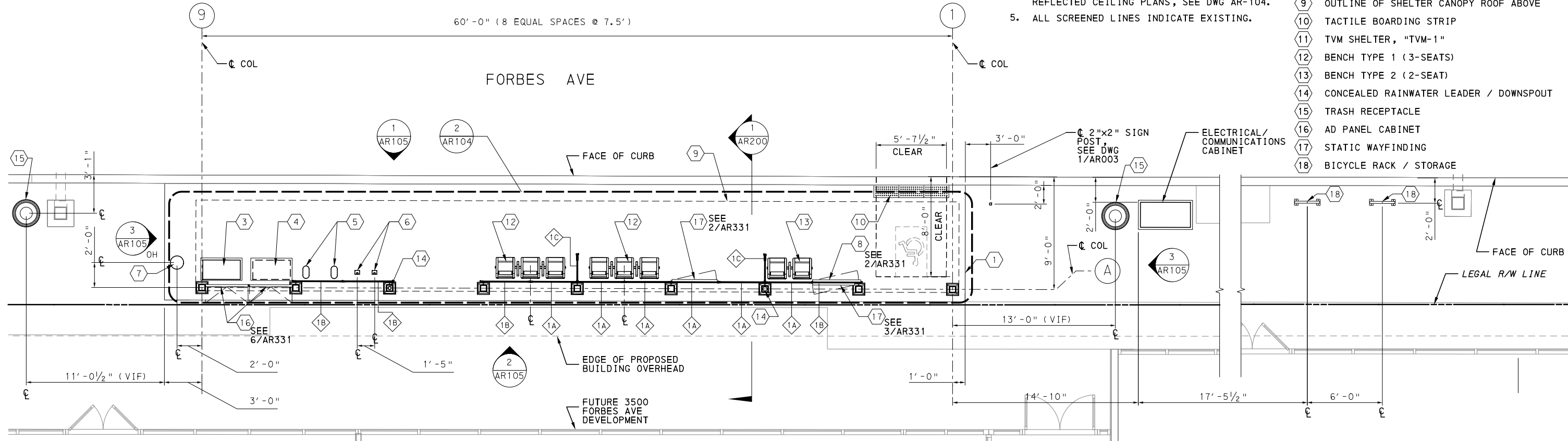


STATION LOCATION PLAN
 SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND AR096.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
 5. ALL SCREENED LINES INDICATE EXISTING.



STATION SITE PLAN
 SCALE: 1/4" = 1' - 0"

[FOR ROADWAY PLAN SEE SHEET 397]

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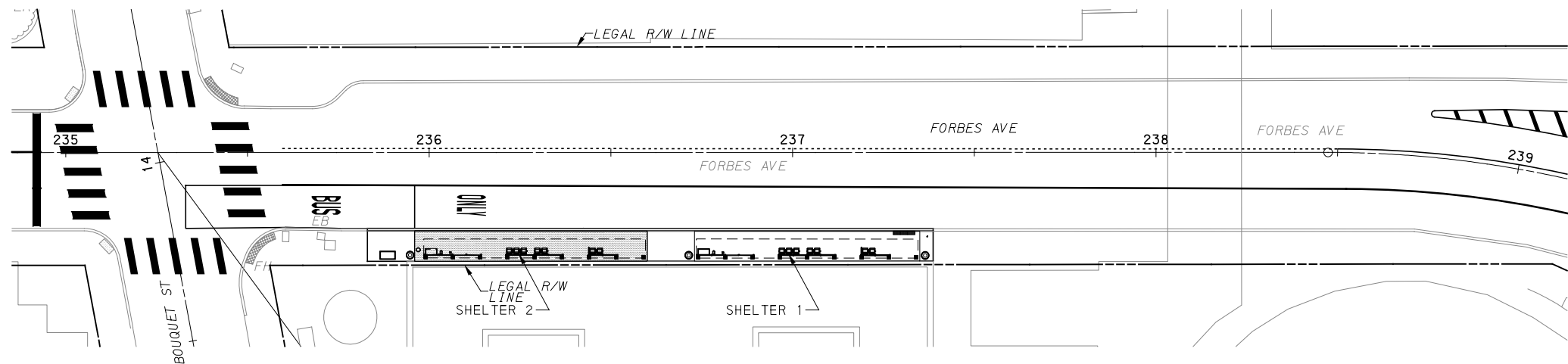
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SCALE	AS SHOWN

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 PITTSBURGH PENNSYLVANIA

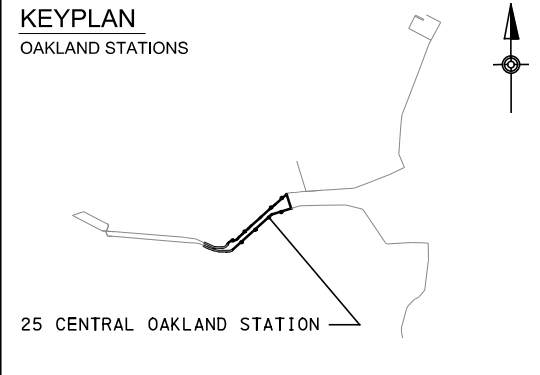
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 24 MCKEE PL STATION-OVERALL SITE PLAN

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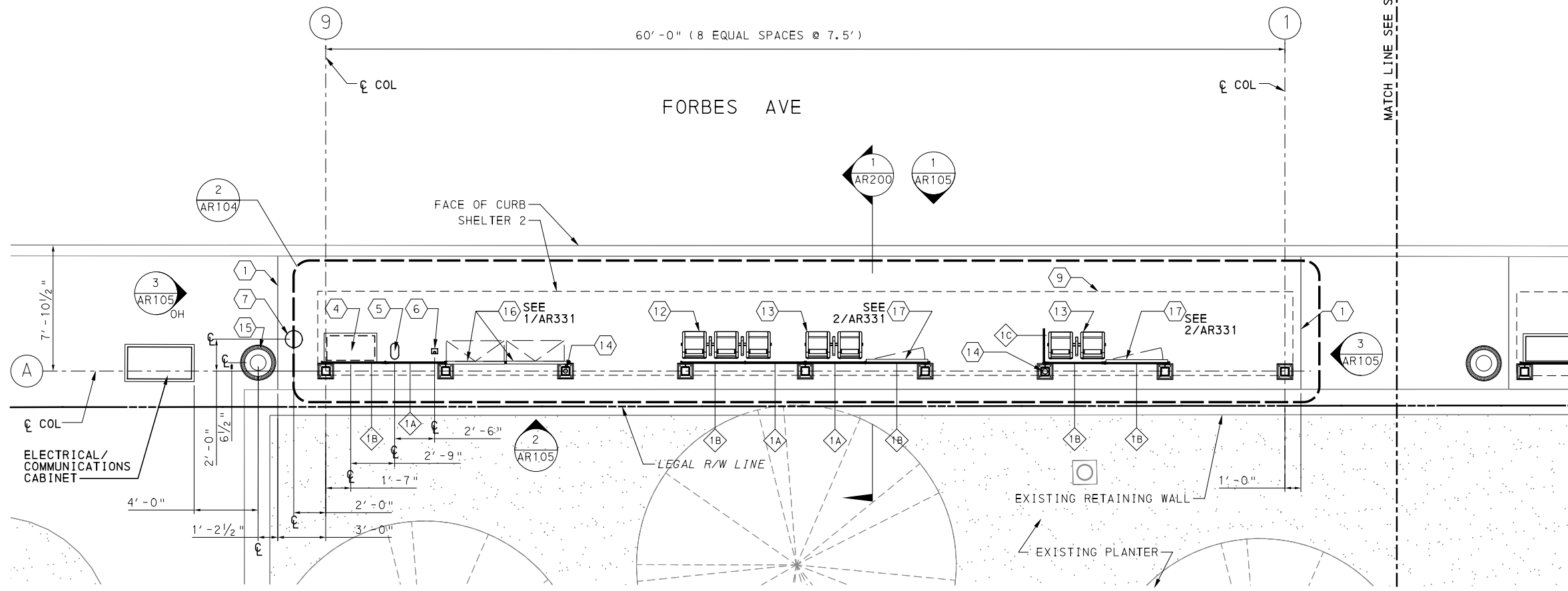
CONTRACT NO. BRT-001
 DWG. NO. AR034 SHT. 763



STATION LOCATION PLAN
SCALE 1:20



- KEYNOTES:**
- ① OUTLINE OF STATION PAD
 - ② REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - ③ TICKET VENDING MACHINE (TVM)
 - ④ FUTURE TVM
 - ⑤ S&B VALIDATOR
 - ⑥ MJR VALIDATOR
 - ⑦ EMERGENCY BLUE LIGHT PHONE
 - ⑧ REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - ⑨ OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - ⑩ TACTILE BOARDING STRIP
 - ⑪ TVM SHELTER, "TVM-1"
 - ⑫ BENCH TYPE 1 (3-SEATS)
 - ⑬ BENCH TYPE 2 (2-SEAT)
 - ⑭ CONCEALED RAINWATER LEADER / DOWNSPOUT
 - ⑮ TRASH RECEPTACLE
 - ⑯ AD PANEL CABINET
 - ⑰ STATIC WAYFINDING
 - ⑱ BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND ARO96.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
 5. ALL SCREENED LINES INDICATE EXISTING.



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REVISIONS		

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(NOT FOR CONSTRUCTION)

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CHECKED	LG
IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

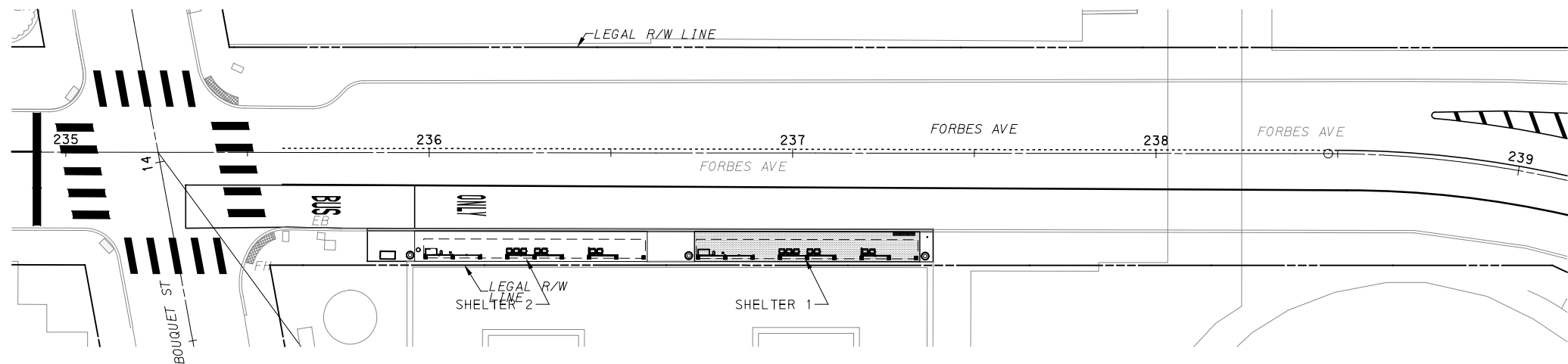
[FOR ROADWAY PLAN SEE SHEET 399]

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PITTSBURGH PENNSYLVANIA

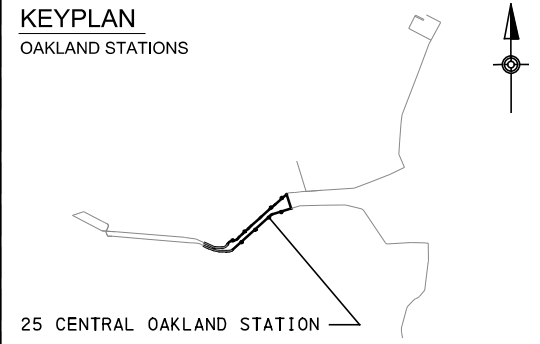
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
25 CENTRAL OAKLAND STATION-OVERALL SITE PLAN-PART 1

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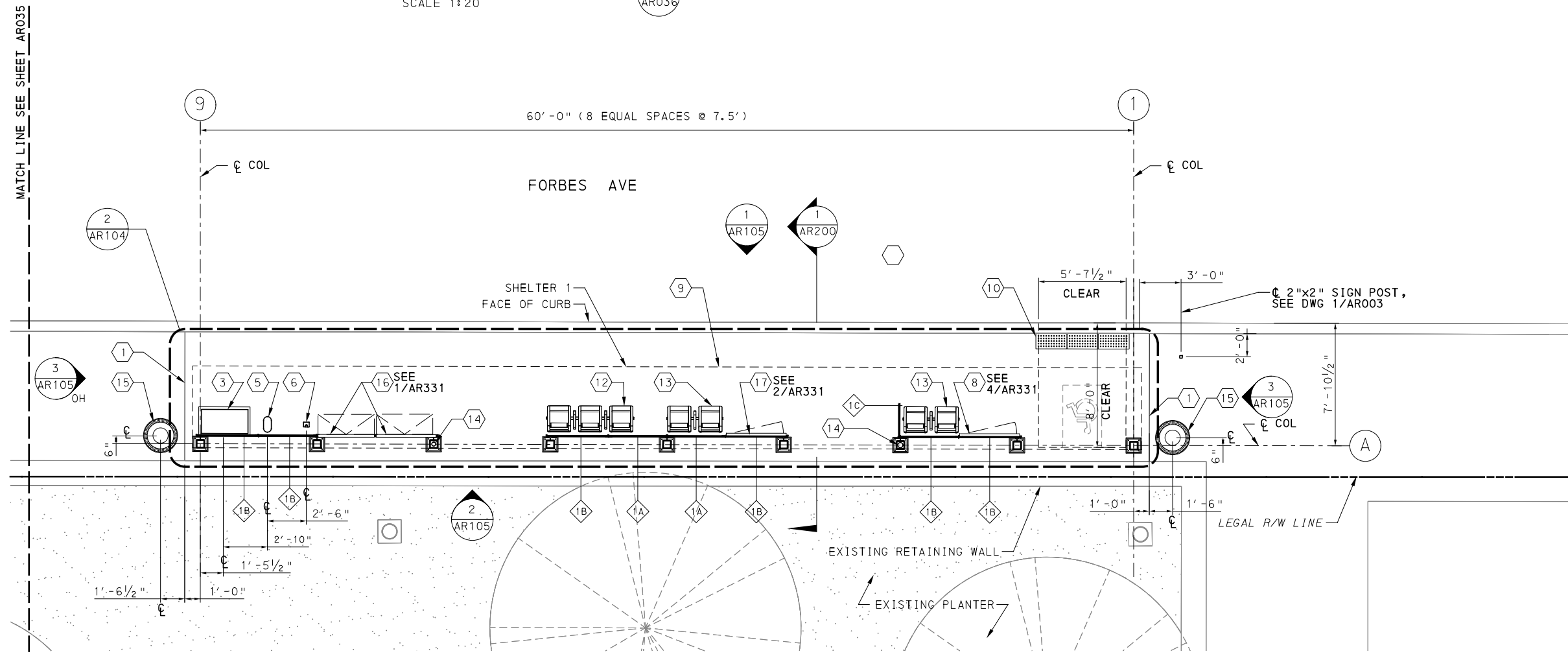
CONTRACT NO. BRT-001	
DWG. NO. AR035	SHT. 764



STATION LOCATION PLAN
SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
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 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND ARO96.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
 5. ALL SCREENED LINES INDICATE EXISTING.

[FOR ROADWAY PLAN SEE SHEET 399]

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Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
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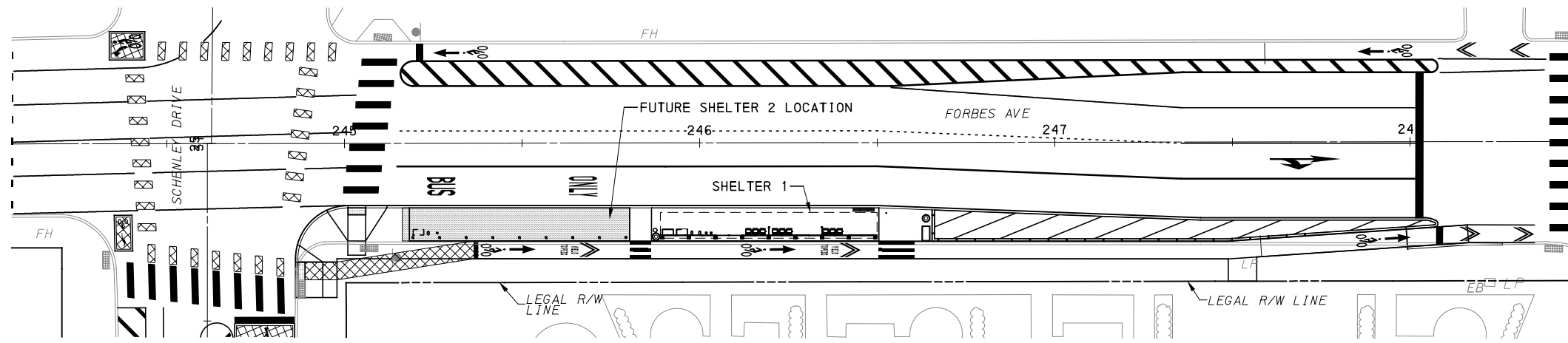
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IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

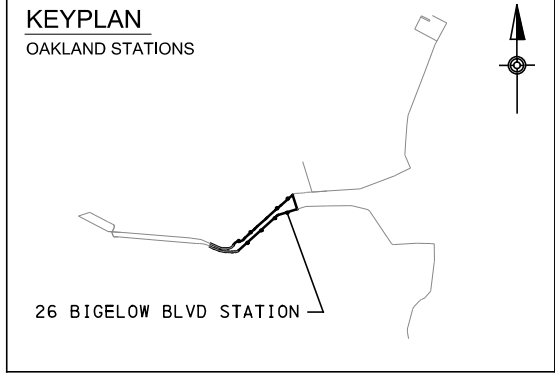
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
25 CENTRAL OAKLAND STATION-OVERALL SITE PLAN-PART 2

Port Authority connecting people to life™

CONTRACT NO. BRT-001	
DWG. NO. AR036	SHT. 765

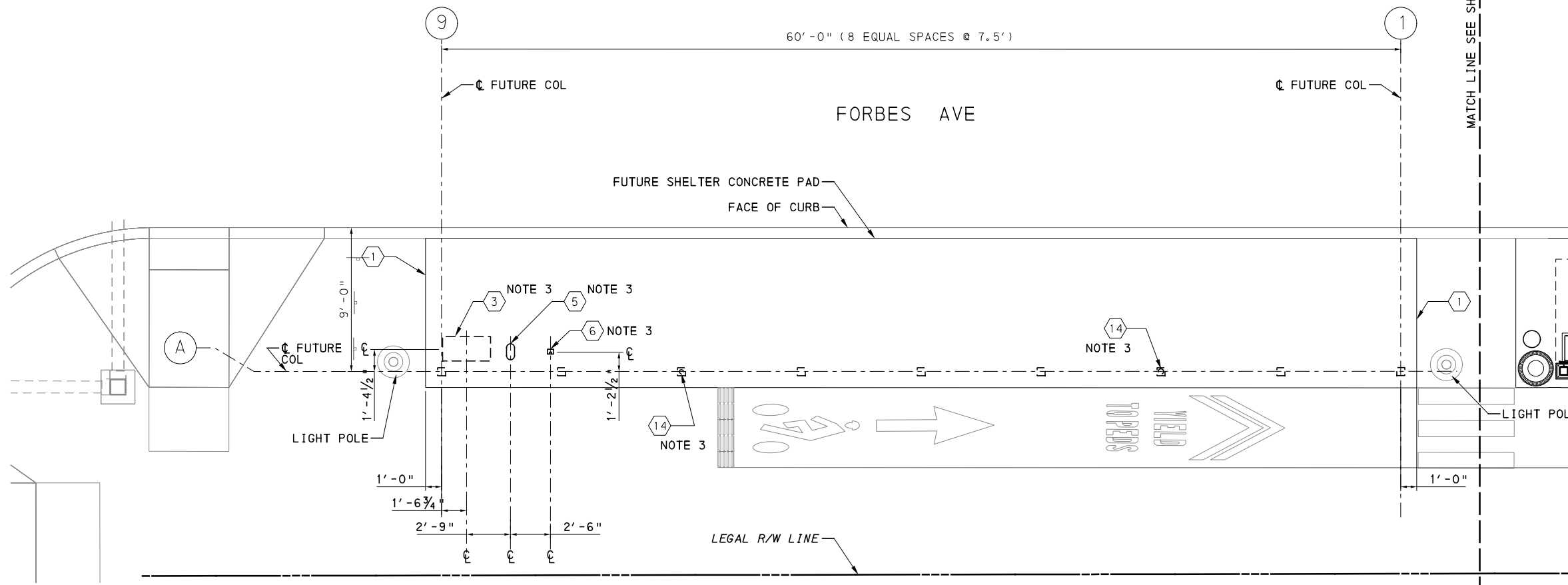


STATION LOCATION PLAN
SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. ALL SCREENED LINES INDICATE EXISTING.
 3. AMENITIES IDENTIFIED INDICATE PROVISIONS FOR FUTURE SHELTER INSTALLATION. PROVISIONS SHALL INCLUDE STRUCTURE, EMBEDDED CONDUIT, AND DRAINAGE. CONDUIT AND RAIN LEADERS SHALL TERMINATE AT TOP OF STRUCTURAL SLAB AND COVERED WITH CAP INSTALLED FLUSH WITH SIDEWALK TO PREVENT TRIPPING HAZARDS.



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"

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Pittsburgh, PA 15219

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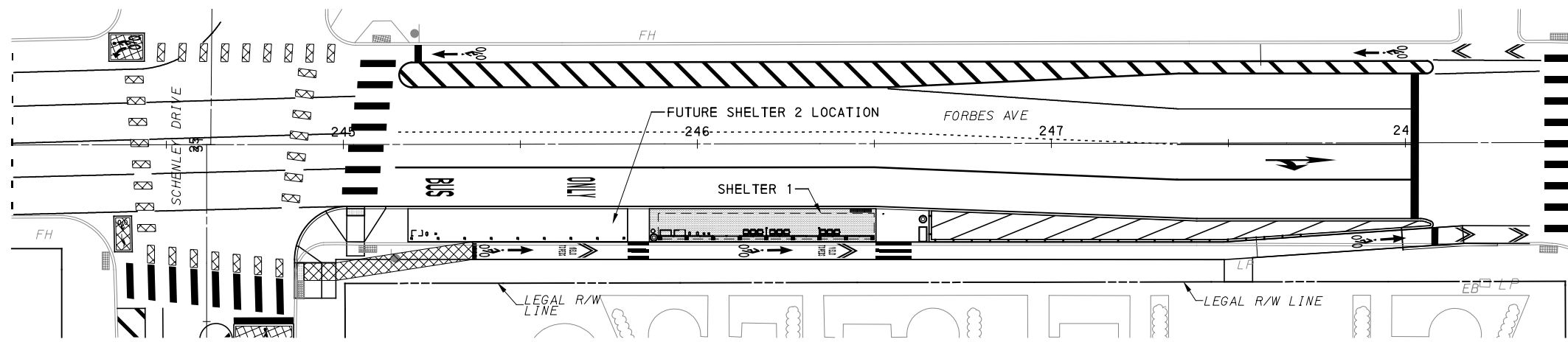
(FOR ROADWAY PLAN SEE SHEET 401)

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

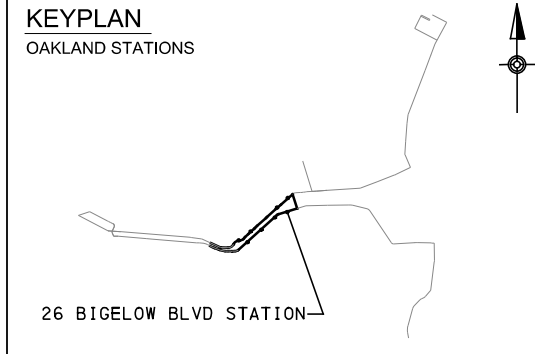
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
26 BIGELOW BLVD STATION-OVERALL SITE PLAN-PART 1

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CONTRACT NO. BRT-001
DWG. NO. AR037
SHT. 766

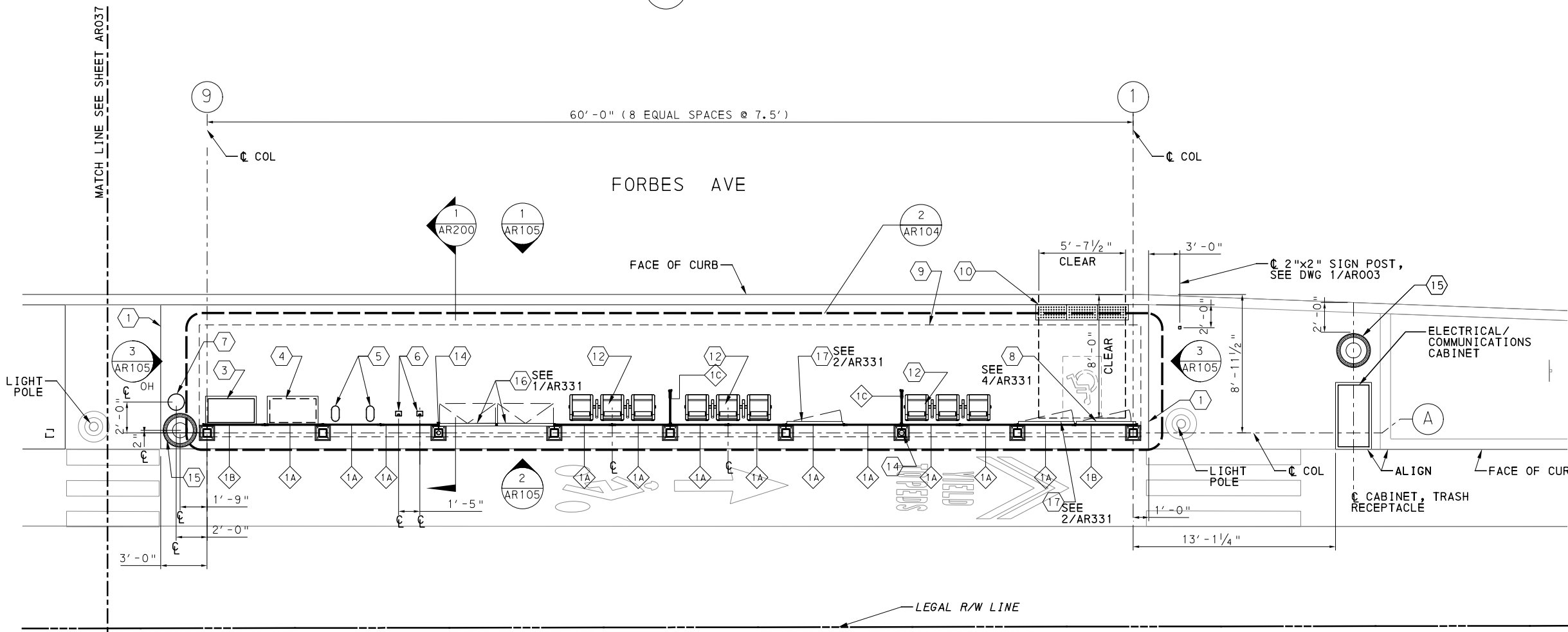


STATION LOCATION PLAN
SCALE 1:20



- KEYNOTES:**
- 1 OUTLINE OF STATION PAD
 - 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - 3 TICKET VENDING MACHINE (TVM)
 - 4 FUTURE TVM
 - 5 S&B VALIDATOR
 - 6 MJR VALIDATOR
 - 7 EMERGENCY BLUE LIGHT PHONE
 - 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - 10 TACTILE BOARDING STRIP
 - 11 TVM SHELTER, "TVM-1"
 - 12 BENCH TYPE 1 (3-SEATS)
 - 13 BENCH TYPE 2 (2-SEAT)
 - 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
 - 15 TRASH RECEPTACLE
 - 16 AD PANEL CABINET
 - 17 STATIC WAYFINDING
 - 18 BICYCLE RACK / STORAGE

- NOTES:**
1. SEE DWG AR-002 FOR GENERAL AND SHEET NOTES.
 2. FOR STATION SHELTER WINDSCREEN TYPES AND BAY TAGS, SEE DWG AR-095 AND ARO96.
 3. FOR WIDTH AND HEIGHT DIMENSIONS OF WINDSCREEN BAYS, SEE WINDSCREEN SCHEDULE ON DWG AR-096.
 4. FOR STATION SHELTER CANOPY ROOF AND REFLECTED CEILING PLANS, SEE DWG AR-104.
 5. ALL SCREENED LINES INDICATE EXISTING.



STATION SITE PLAN
SCALE: 1/4" = 1' - 0"

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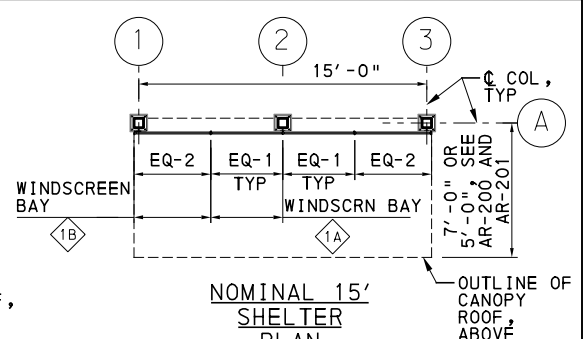
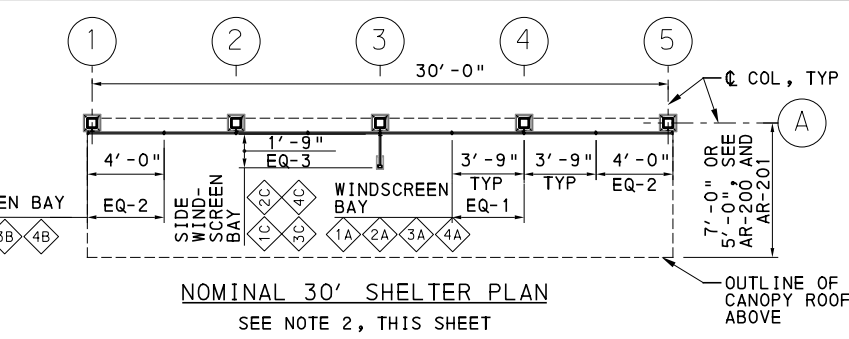
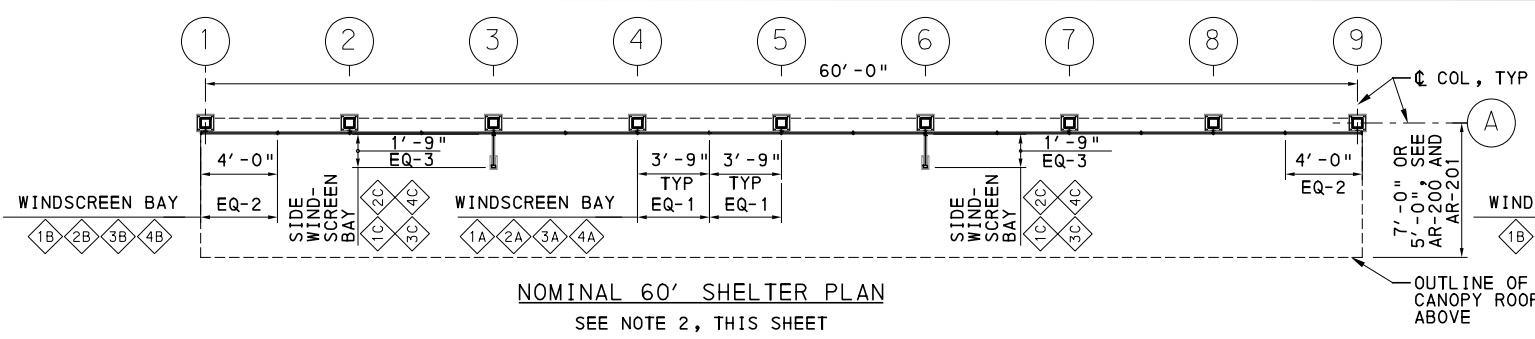
[FOR ROADWAY PLAN SEE SHEET 401]

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

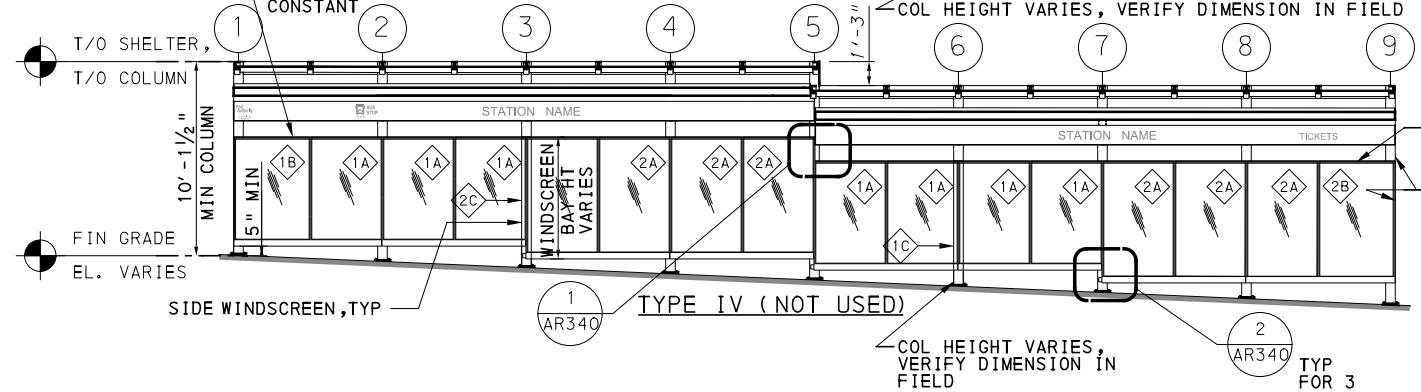
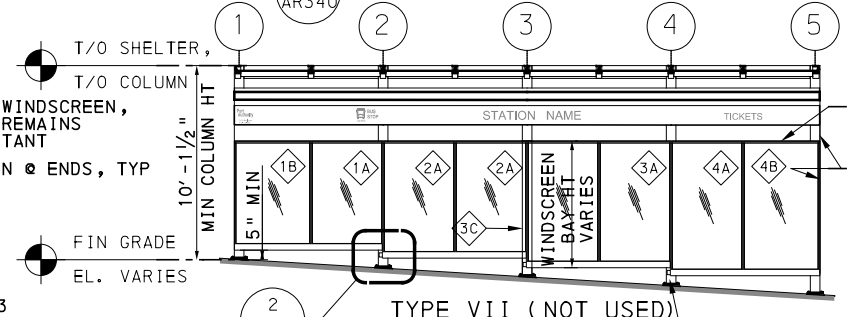
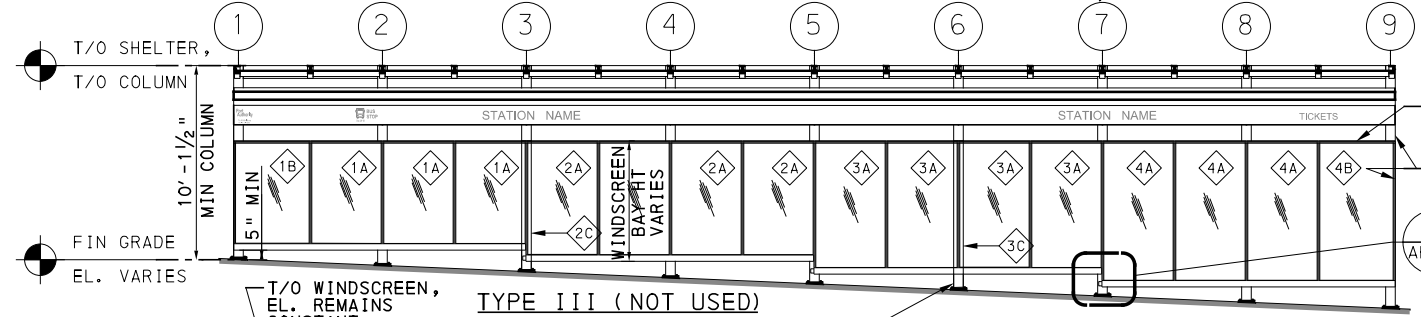
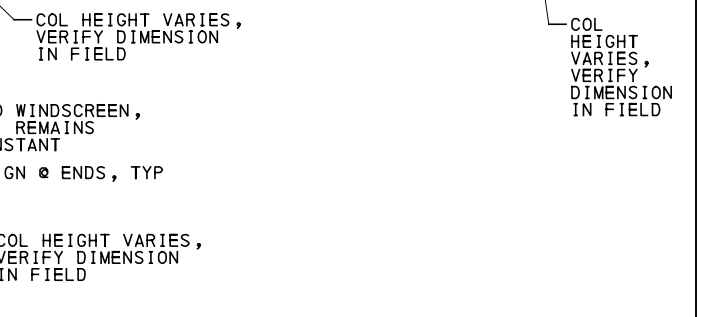
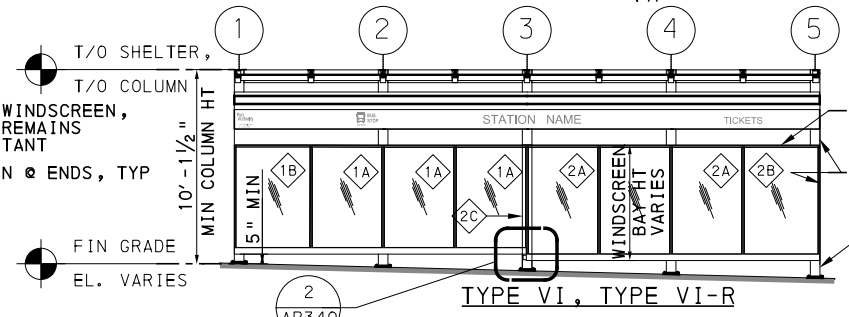
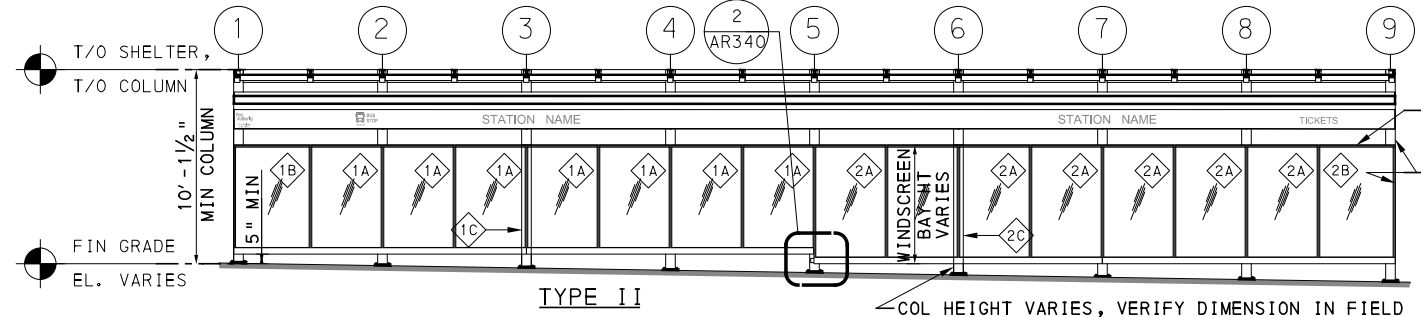
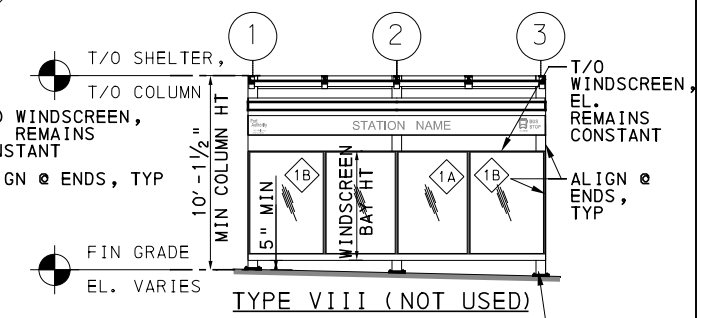
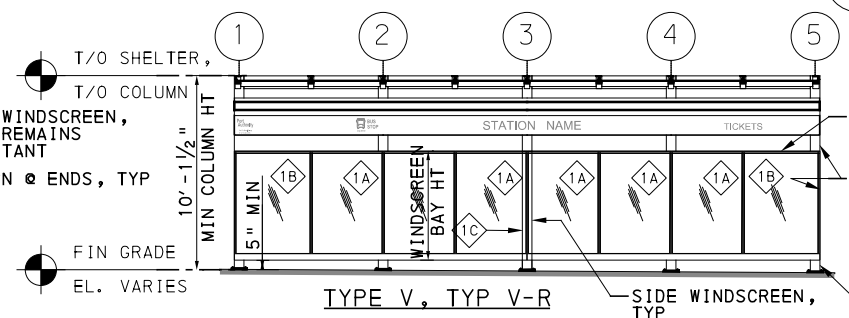
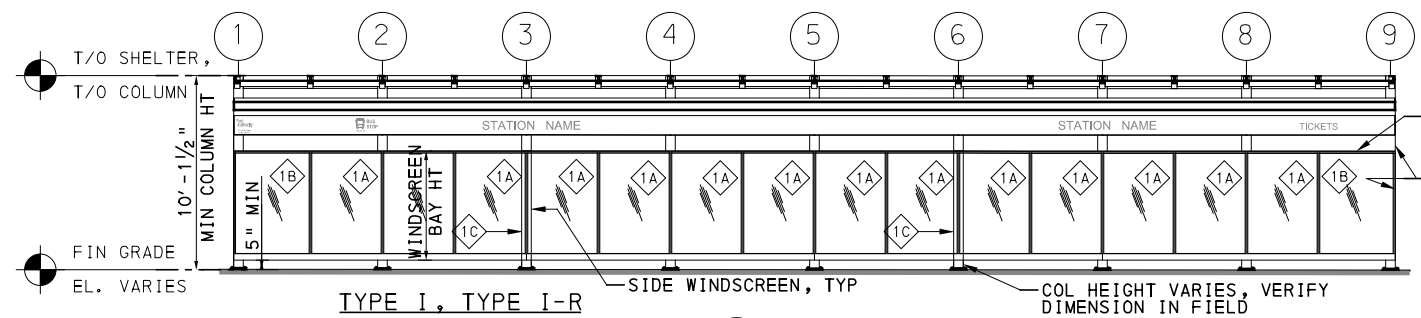
BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
26 BIGELOW BLVD STATION-OVERALL SITE PLAN-PART 2

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CONTRACT NO. BRT-001
DWG. NO. AR038 SHT. 767



SHELTER WINDSCREEN PLAN LAYOUTS
 SCALE: N. T. S.



SHELTER WINDSCREEN TYPE ELEVATIONS
 SCALE: N. T. S.

- NOTES:**
- SEE DWG ARO02 FOR GENERAL AND SHEET NOTES.
 - WINDSCREEN SHOWN FULLY GLAZED GRAPHICALLY. REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38 FOR WINDSCREEN LAYOUT PER BAY TAGS. FOR WINDSCREEN HEIGHT AND WIDTH DIMENSIONS, SEE DWG ARO96.
 - REFER TO 1/AR096 FOR WINDSCREEN FRIT PATTERNS.

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 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH, PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 WINDSCREEN TYPES

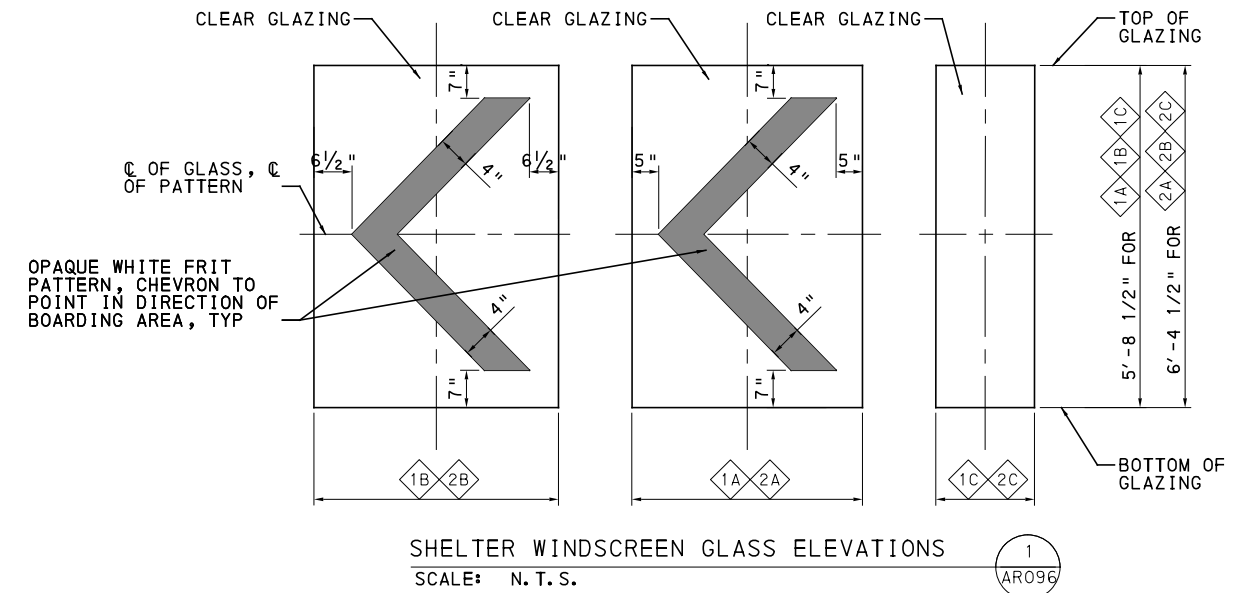
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CONTRACT NO. BRT-001
 DWG. NO. AR095 SHT. 768

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		STATION SHELTER WINDSCREEN							
NO	STATION NAME	WINDSCREEN TYPE (SEE NOTE 3)	WINDSCREEN BAY WIDTH			WINDSCREEN BAY HEIGHT			
			3'-9"	4'-0"	1'-9"	5'-8 1/2"	6'-4 1/2"		
6	UPTOWN WEST STATION	V-R	1A	1B	1C	1A 1B 1C	--	--	--
7	PRIDE ST STATION	V-R	--	1B	1C	1B 1C	--	--	--
8	UPTOWN CENTRAL STATION	V-R	1A	1B	1C	1A 1B 1C	--	--	--
9	JUMONVILLE ST STATION	V	1A	1B	1C	1A 1B 1C	--	--	--
10	SOHO STATION	V-R	1A	1B	1C	1A 1B 1C	--	--	--
11	WEST OAKLAND STATION	V-R	1A	1B	1C	1A 1B 1C	--	--	--
12	CHESTERFIELD RD STATION	I-R	1A	1B	1C	1A 1B 1C	--	--	--
13	ATWOOD STATION	--	--	--	--	--	--	--	--
14	BIGELOW BLVD STATION	V	1A	1B	1C	1A 1B 1C	--	--	--
15	TENNYSON AVE STATION	I-R	1A	1B	1C	1A 1B 1C	--	--	--
16	NOT USED								
17	NOT USED								
18	UPTOWN WEST STATION	I	1A	1B	1C	1A 1B 1C	--	--	--
19	PRIDE ST STATION	I	1A	1B	1C	1A 1B 1C	--	--	--
20	UPTOWN CENTRAL STATION	V	1A	1B	1C	1A 1B 1C	--	--	--
21	JUMONVILLE ST STATION	V-R	1A	1B	1C	1A 1B 1C	--	--	--
22	SOHO STATION	VI-R	1A 2A	1B 2B	2C	1A 1B	2A 2B 2C	--	--
23	WEST OAKLAND STATION	II	1A 2A	1B 2B	1C	1A 1B 1C	2A 2B	--	--
24	McKEE PL STATION	I	1A	1B	1C	1A 1B 1C	--	--	--
25	CENTRAL OAKLAND STATION - SHELTER 2, SEE AR-036	I-R	1A	1B	1C	1A 1B 1C	--	--	--
	CENTRAL OAKLAND STATION - SHELTER 1, SEE AR-035	I-R	1A	1B	1C	1A 1B 1C	--	--	--
26	BIGELOW BLVD STATION - SEE AR-038	I-R	1A	1B	1C	1A 1B 1C	--	--	--



- NOTES:**
- SEE DWG AR002 FOR GENERAL AND SHEET NOTES.
 - REFER TO SITE PLAN ON DWGS AR016 THROUGH AR025, & AR028 THROUGH AR038 FOR WINDSCREEN LAYOUT PER BAY TAGS FOR WINDSCREEN TYPES, SEE DWG AR095.
 - "R" ON WINDSCREEN TYPES AND SHELTERS INDICATES FINISHED GRADE SLOPED IN THE OPPOSITE DIRECTION.

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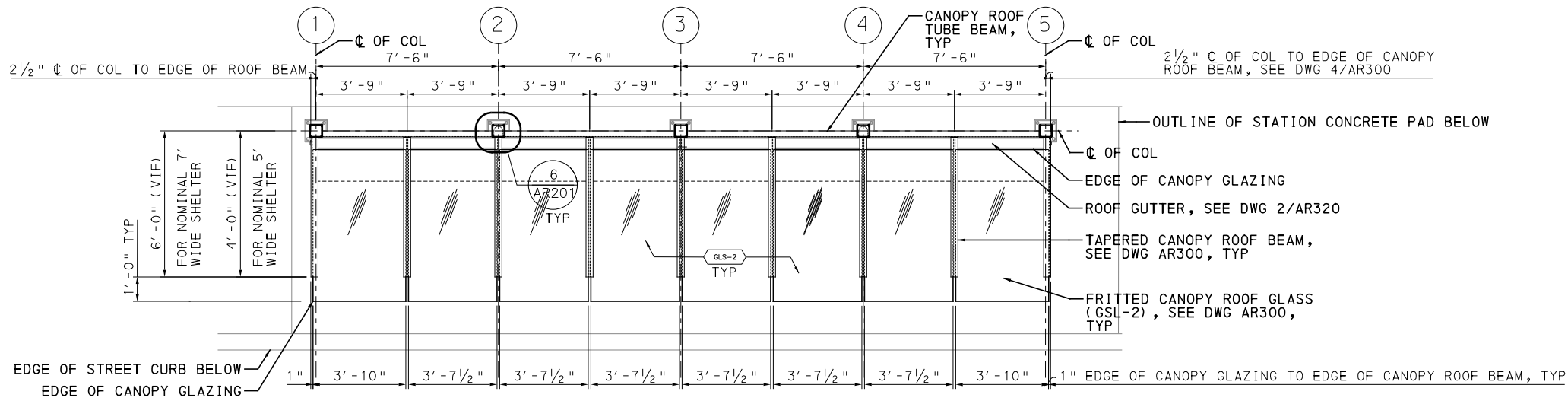
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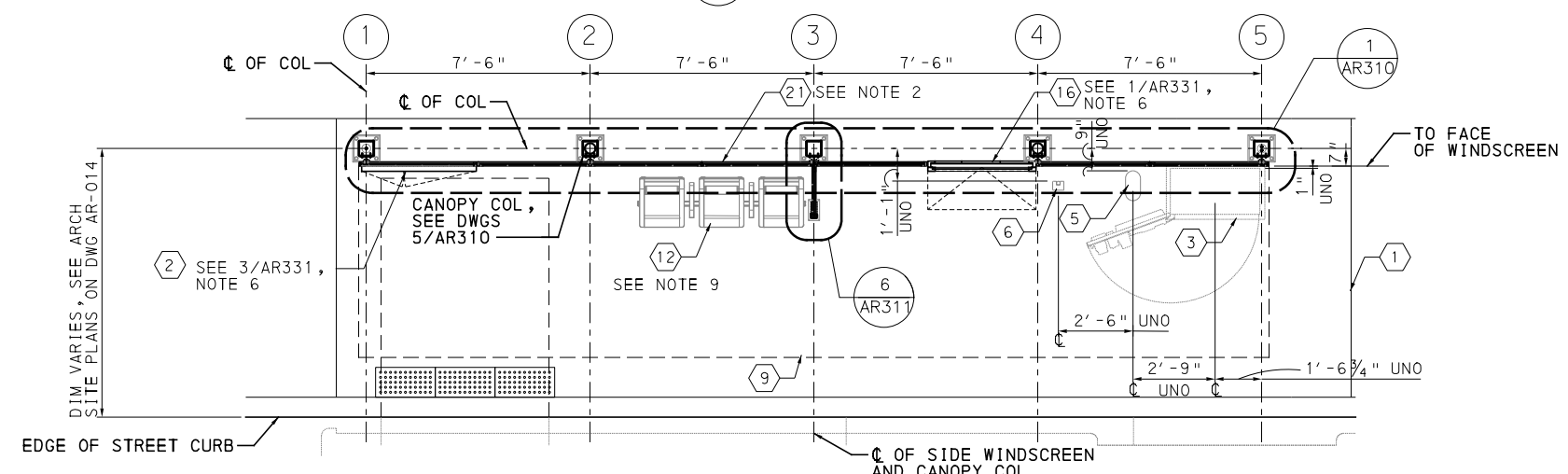
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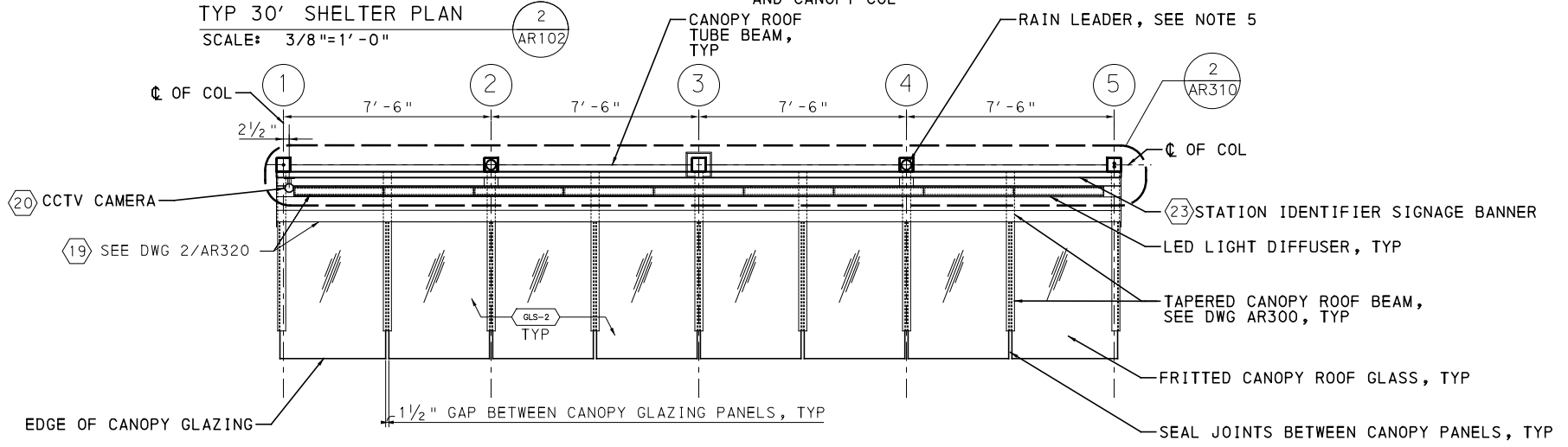
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND ARCHITECTURAL PLANS WINDSCREEN SCHEDULES		
Port Authority <small>connecting people to life</small>		CONTRACT NO. BRT-001
DWG. NO. AR096	SHT. 769	



TYP 30' SHELTER ROOF PLAN
SCALE: 3/8"=1'-0"



TYP 30' SHELTER PLAN
SCALE: 3/8"=1'-0"



TYP 30' SHELTER REFLECTED CEILING PLAN
SCALE: 3/8"=1'-0"

- KEYNOTES:**
- ① OUTLINE OF STATION CONCRETE PAD
 - ② REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - ③ TICKET VENDING MACHINE (TVM)
 - ④ FUTURE TVM
 - ⑤ S&B VALIDATOR
 - ⑥ MJR VALIDATOR
 - ⑦ EMERGENCY BLUE LIGHT PHONE
 - ⑧ REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - ⑨ OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - ⑩ TACTILE BOARDING WARNING STRIPS
 - ⑪ TVM SHELTER
 - ⑫ BENCH TYPE 1 (3-SEATS)
 - ⑬ BENCH TYPE 2 (2-SEAT)
 - ⑭ CONCEALED RAINWATER LEADER / DOWNSPOUT
 - ⑮ TRASH RECEPTACLE
 - ⑯ AD PANEL CABINET
 - ⑰ STATIC WAYFINDING
 - ⑱ BICYCLE RACK / STORAGE
 - ⑲ SHELTER SERVICE CARRIER
 - ⑳ CCTV CAMERA
 - ㉑ WINDSCREEN CLEAR GLASS, TYP
 - ㉒ CANOPY FRITTED GLASS, TYP
 - ㉓ STATION IDENTIFIER SIGNAGE BANNER

- NOTES:**
1. SEE DWG ARO02 FOR GENERAL AND SHEET NOTES.
 2. SHELTERS ARE SHOWN GRAPHICALLY. REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. UNO, DIMENSIONS SHOWN ON THIS SHEET FOR EQUIPMENT SHALL BE PROTOTYPICAL UNLESS NOTED OTHERWISE. REFER TO CONTROL SYSTEMS PLANS FOR EQUIPMENT REQUIREMENTS AND QUANTITIES.
 3. FOR EQUIPMENT LAYOUTS AND AMENITIES, REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. UNO, DIMENSIONS SHOWN ON THIS SHEET FOR EQUIPMENT SHALL BE PROTOTYPICAL UNLESS NOTED OTHERWISE. REFER TO CONTROL SYSTEMS PLANS FOR EQUIPMENT REQUIREMENTS AND QUANTITIES.
 4. FOR AD PANEL AND WAYFINDING BOX FRAME QUANTITIES, SEE DWG ARO03. FOR LOCATIONS, SEE STATION SHELTER SITE PLAN DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. FOR PLAN DETAILS, SEE DWG AR331.
 5. FOR LOCATION OF RAIN LEADER AT CANOPY COLUMN, SEE STATION SHELTER SITE PLAN AND ROADWAY PLANS.
 6. FOR LOCATION OF REAL-TIME INFORMATION DISPLAY BOX, SEE STATION SHELTER SITE PLAN DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. FOR PLAN DETAILS, SEE DWG AR331.
 7. FOR SHELTER FRONT AND REAR ELEVATIONS, SEE DWG AR103.
 8. EMERGENCY PHONE/CALL BUTTON POLE NOT SHOWN.
 9. FOR BENCH DETAIL, SEE DWGS 3/AR340 AND 4/AR340.



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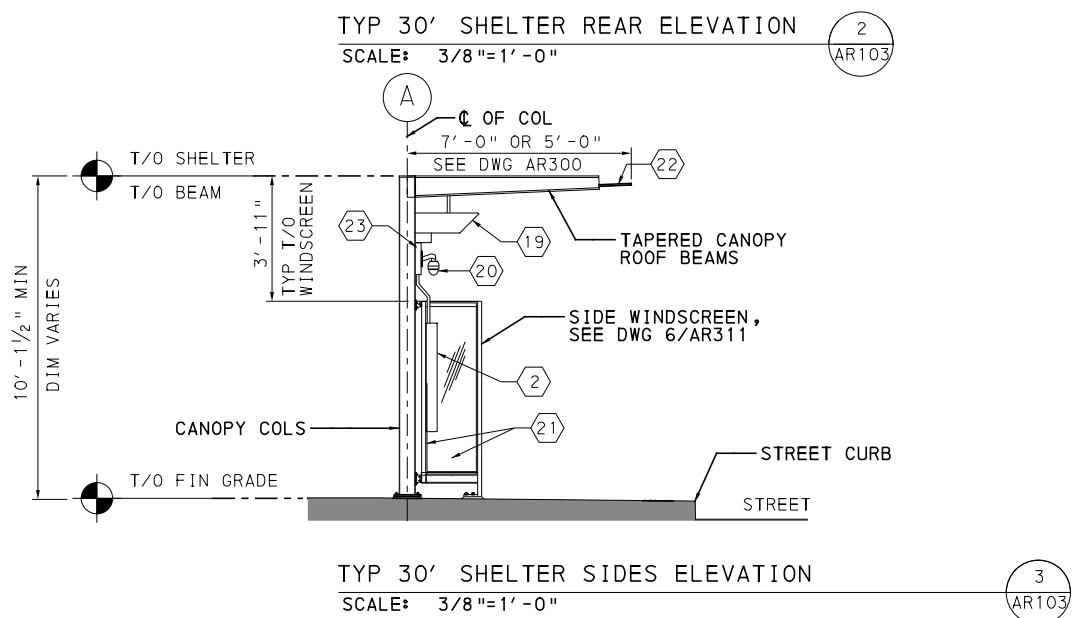
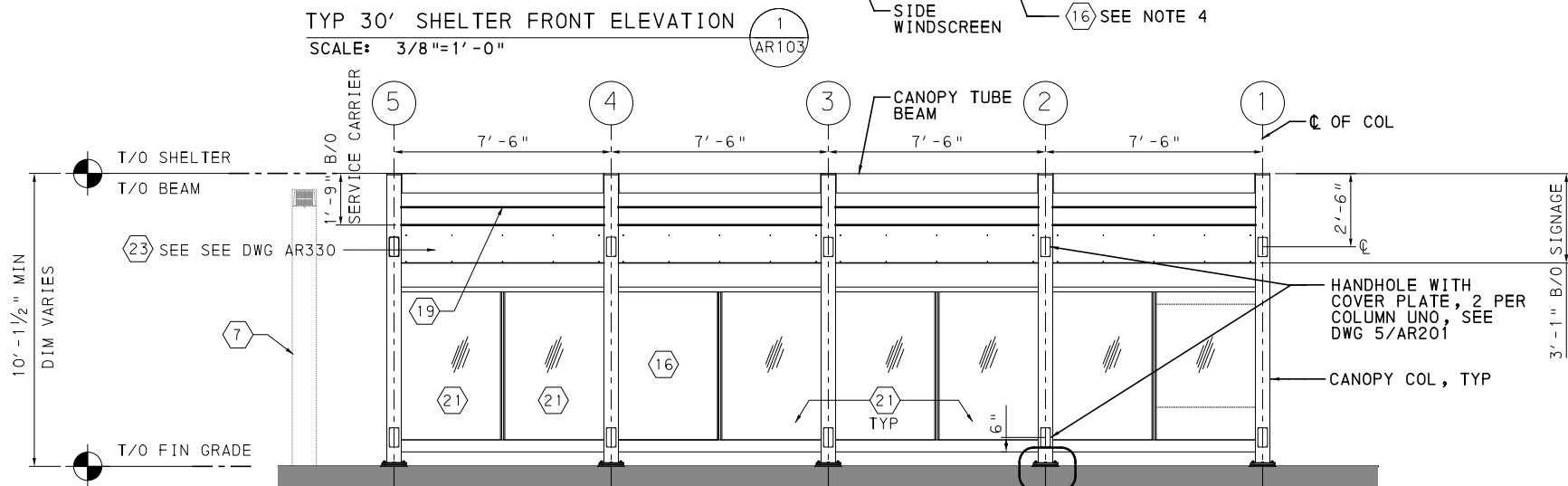
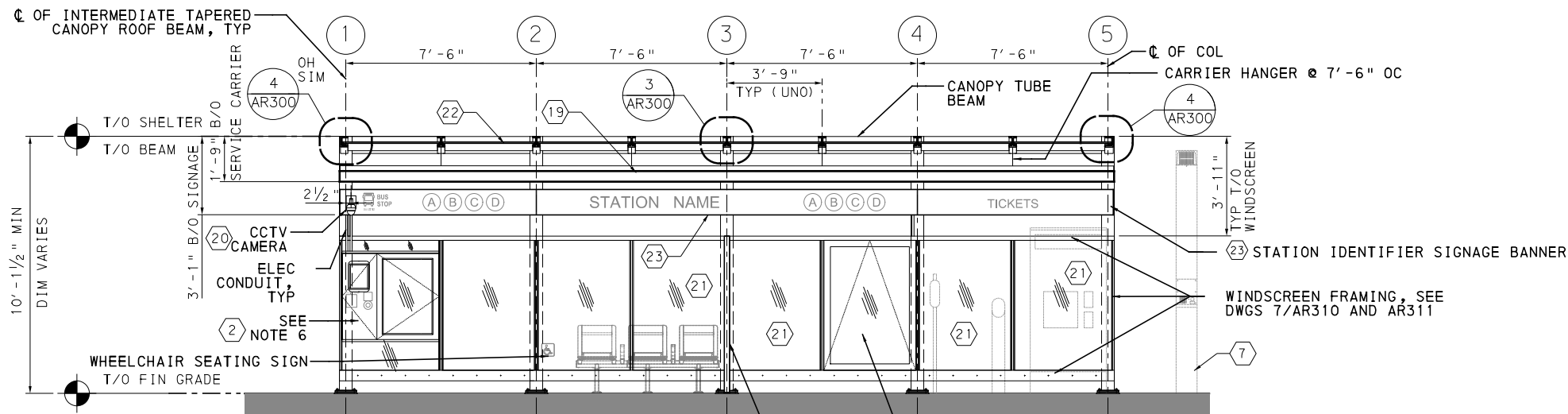
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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
30' SHELTER ENLARGED PLAN, ROOF PLAN, AND RCP

Port Authority connecting people to life®

CONTRACT NO. BRT-001
DWG. NO. AR102 SHT. 770



KEYNOTES:

- 1 OUTLINE OF STATION CONCRETE PAD
- 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
- 3 TICKET VENDING MACHINE (TVM)
- 4 FUTURE TVM
- 5 S&B VALIDATOR
- 6 MJR VALIDATOR
- 7 EMERGENCY BLUE LIGHT PHONE
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- 16 AD PANEL CABINET
- 17 STATIC WAYFINDING
- 18 BICYCLE RACK / STORAGE
- 19 SHELTER SERVICE CARRIER
- 20 CCTV CAMERA
- 21 WINDSCREEN CLEAR GLASS, TYP
- 22 CANOPY FRITTED GLASS, TYP
- 23 STATION IDENTIFIER SIGNAGE BANNER

NOTES:

1. SEE DWG ARO02 FOR GENERAL AND SHEET NOTES.
2. SHELTERS ARE SHOWN GRAPHICALLY. REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38 FOR WINDSCREEN LAYOUT PER BAY TAGS. FOR WINDSCREEN TYPES AND BAY SIZE SCHEDULE, SEE DWGS ARO95 AND ARO96.
3. FOR EQUIPMENT LAYOUTS, REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. UNO, DIMENSIONS FOR EQUIPMENT SHALL BE PROTOTYPICAL. REFER TO CONTROL SYSTEMS PLANS FOR EQUIPMENT REQUIREMENTS AND QUANTITIES.
4. FOR AD PANEL AND WAYFINDING BOX FRAME QUANTITIES, SEE TO DWG ARO03. FOR LOCATIONS, SEE STATION SHELTER SITE PLAN DRAWINGS.
5. FOR LOCATION OF RAIN LEADER AT CANOPY COLUMN, SEE STATION SHELTER SITE PLAN AND ROADWAY PLANS.
6. FOR LOCATION OF REAL-TIME INFORMATION DISPLAY BOX, SEE STATION SHELTER SITE PLAN DRAWINGS. TEXT TO SPEECH BUTTON TO BE A MODULAR, FLUSH ASSEMBLY WITH SEPARATE BUTTON, CONTROL BOX, ANTENNA, AND SPEAKER. LOCATE BUTTON PER ADA MOUNTING HEIGHT REQUIREMENTS. PROVIDE PERFORATED HOLES FOR SPEAKER AND MOUNT INSIDE CABINET WITH CONTROL BOX. LOCATE ANTENNA ON TOP OF CABINET.

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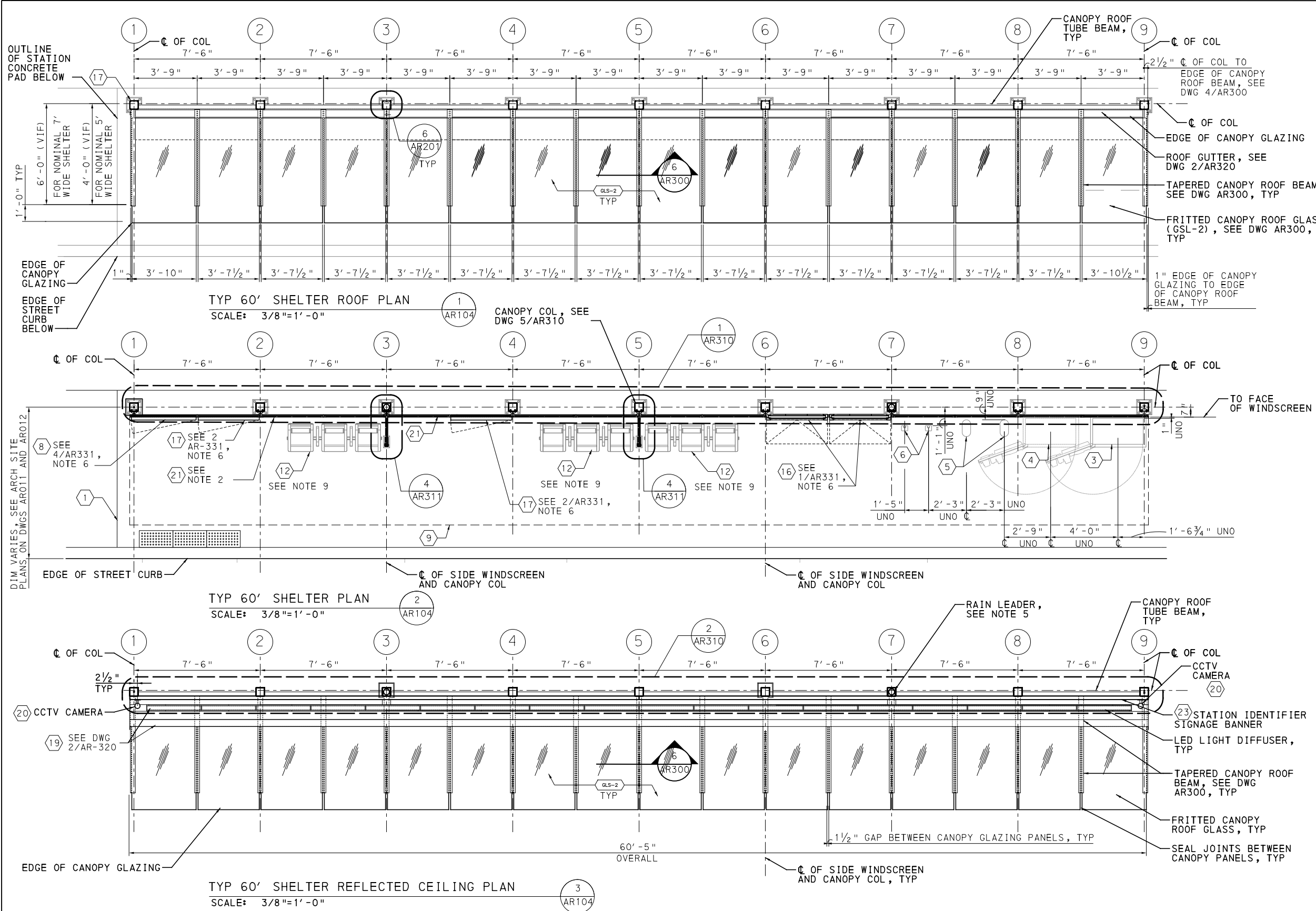
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND ARCHITECTURAL PLANS 30' SHELTER ELEVATIONS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. AR103 SHT. 771

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- KEYNOTES:**
- ① OUTLINE OF STATION CONCRETE PAD
 - ② REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - ③ TICKET VENDING MACHINE (TVM)
 - ④ FUTURE TVM
 - ⑤ S&B VALIDATOR
 - ⑥ MJR VALIDATOR
 - ⑦ EMERGENCY BLUE LIGHT PHONE
 - ⑧ REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - ⑨ OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - ⑩ TACTILE BOARDING WARNING STRIPS
 - ⑪ TVM SHELTER
 - ⑫ BENCH TYPE 1 (3-SEATS)
 - ⑬ BENCH TYPE 2 (2-SEAT)
 - ⑭ CONCEALED RAINWATER LEADER / DOWNSPOUT
 - ⑮ TRASH RECEPTACLE
 - ⑯ AD PANEL CABINET
 - ⑰ STATIC WAYFINDING
 - ⑱ BICYCLE RACK / STORAGE
 - ⑲ SHELTER SERVICE CARRIER
 - ⑳ CCTV CAMERA
 - ㉑ WINDSCREEN CLEAR GLASS, TYP
 - ㉒ CANOPY FRITTED GLASS, TYP
 - ㉓ STATION IDENTIFIER SIGNAGE BANNER
- NOTES:**
1. SEE DWG ARO02 FOR GENERAL AND SHEET NOTES.
 2. SHELTERS ARE SHOWN GRAPHICALLY. REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38 FOR WINDSCREEN LAYOUT PER BAY TAGS. FOR WINDSCREEN TYPES AND BAY SIZE SCHEDULE, SEE DWGS ARO95 AND ARO96.
 3. FOR EQUIPMENT LAYOUTS AND AMENITIES, REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. UNO, DIMENSIONS SHOWN ON THIS SHEET FOR EQUIPMENT SHALL BE PROTOTYPICAL UNLESS NOTED OTHERWISE. REFER TO CONTROL SYSTEMS PLANS FOR EQUIPMENT REQUIREMENTS AND QUANTITIES.
 4. FOR AD PANEL AND WAYFINDING BOX FRAME QUANTITIES, SEE DWG ARO03. FOR LOCATIONS, SEE STATION SHELTER SITE PLAN DWGS ARO16 THROUGH ARO25, AND ARO28 THROUGH ARO38. FOR PLAN DETAILS, SEE DWG AR331.
 5. FOR LOCATION OF RAIN LEADER AT CANOPY COLUMN, SEE STATION SHELTER SITE PLAN AND ROADWAY PLANS.
 6. FOR LOCATION OF REAL-TIME INFORMATION DISPLAY BOX, SEE STATION SHELTER SITE PLAN DWGS ARO16 THROUGH ARO25, AND ARO28 THROUGH ARO38. FOR PLAN DETAILS, SEE DWG AR331.
 7. FOR SHELTER FRONT AND REAR ELEVATIONS, SEE DWG AR110.
 8. EMERGENCY PHONE/CALL BUTTON POLE NOT SHOWN.
 9. FOR BENCH DETAIL, SEE DWGS 3/AR340 AND 4/AR340.



NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

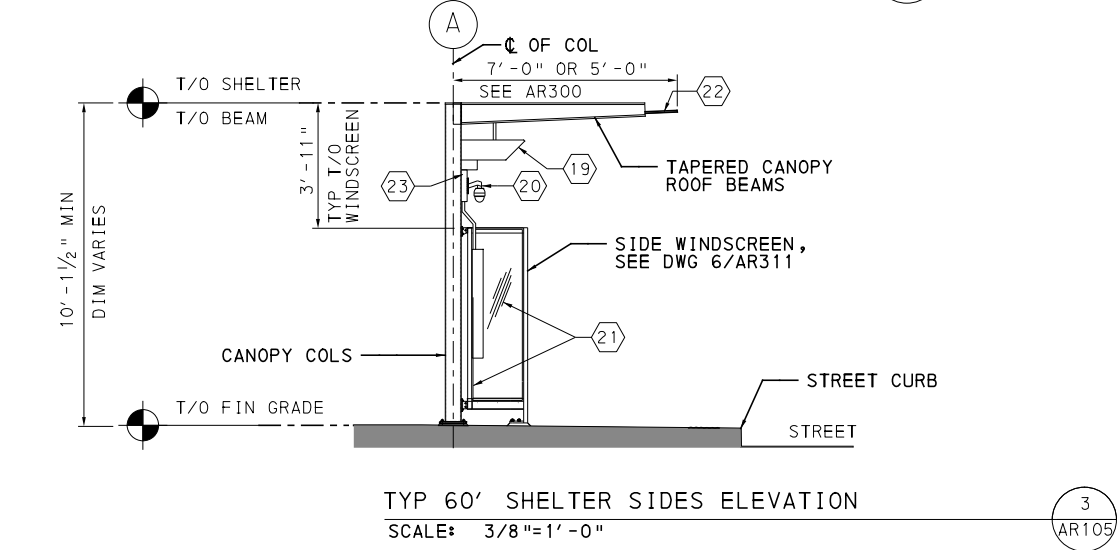
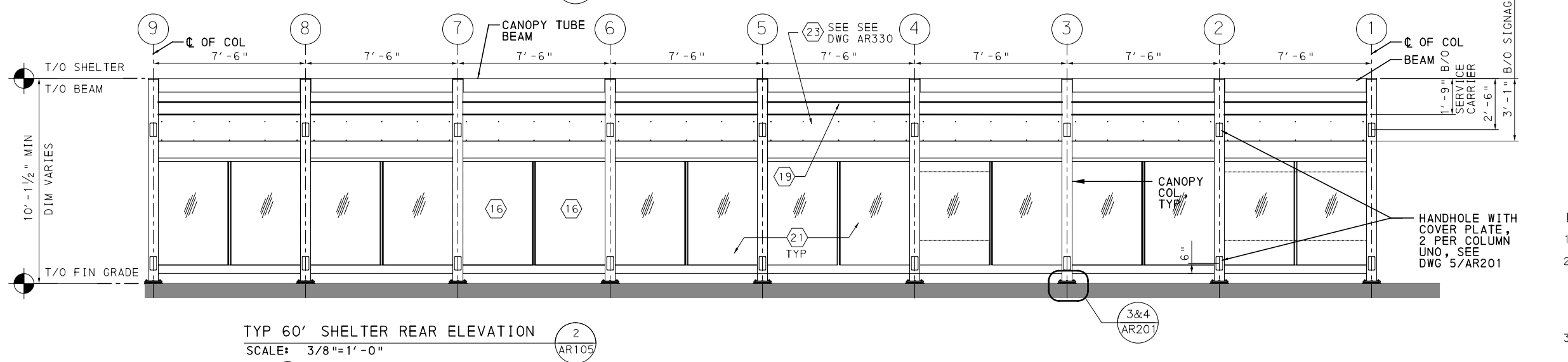
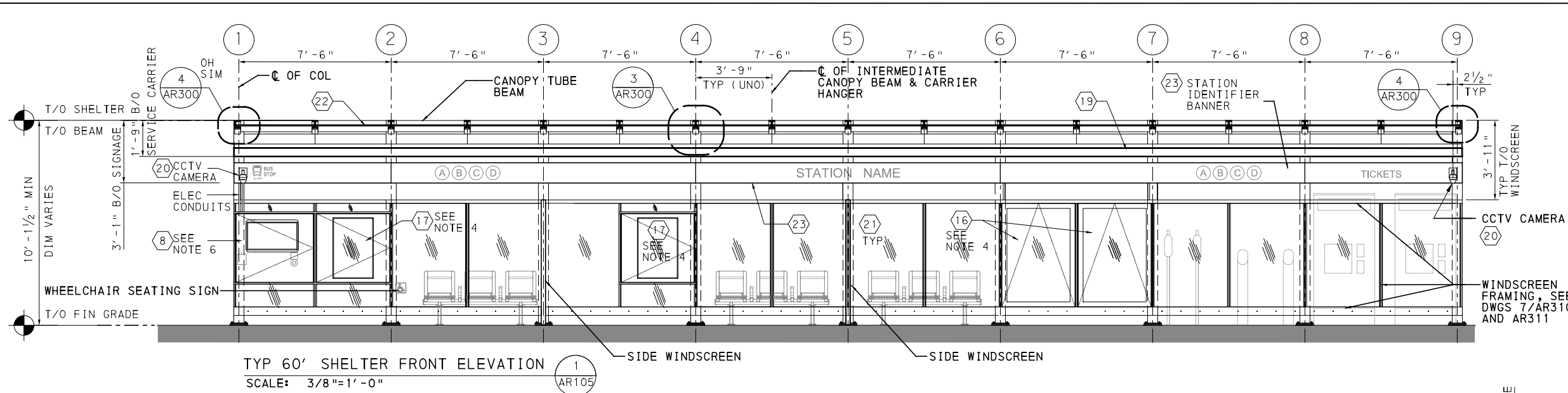
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH, PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
60' SHELTER ENLARGED PLAN, ROOF PLAN, AND RCP

Port Authority
connecting people to life

CONTRACT NO. BRT-001
DWG. NO. AR104 SHT. 772



- KEYNOTES:**
- ① OUTLINE OF STATION CONCRETE PAD
 - ② REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - ③ TICKET VENDING MACHINE (TVM)
 - ④ FUTURE TVM
 - ⑤ S&B VALIDATOR
 - ⑥ MJR VALIDATOR
 - ⑦ EMERGENCY BLUE LIGHT PHONE
 - ⑧ REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
 - ⑨ OUTLINE OF SHELTER CANOPY ROOF ABOVE
 - ⑩ TACTILE BOARDING WARNING STRIPS
 - ⑪ TVM SHELTER
 - ⑫ BENCH TYPE 1 (3-SEATS)
 - ⑬ BENCH TYPE 2 (2-SEAT)
 - ⑭ CONCEALED RAINWATER LEADER / DOWNSPOUT
 - ⑮ TRASH RECEPTACLE
 - ⑯ AD PANEL CABINET
 - ⑰ STATIC WAYFINDING
 - ⑱ BICYCLE RACK / STORAGE
 - ⑲ SHELTER SERVICE CARRIER
 - ⑳ CCTV CAMERA
 - ㉑ WINDSCREEN CLEAR GLASS, TYP
 - ㉒ CANOPY FRITTED GLASS, TYP
 - ㉓ STATION IDENTIFIER SIGNAGE BANNER

- NOTES:**
1. SEE DWG ARO02 FOR GENERAL AND SHEET NOTES.
 2. SHELTERS ARE SHOWN GRAPHICALLY. REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38 FOR WINDSCREEN LAYOUT PER BAY TAGS. FOR WINDSCREEN TYPES AND BAY SIZE SCHEDULE, SEE DWGS ARO95 AND ARO96.
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 4. FOR AD PANEL AND WAYFINDING BOX FRAME QUANTITIES, SEE DWG ARO03. FOR LOCATIONS, SEE STATION SHELTER SITE PLAN DRAWINGS.
 5. FOR LOCATION OF RAIN LEADER AT CANOPY COLUMN, SEE STATION SHELTER SITE PLAN DRAWINGS AND ROADWAY PLANS.
 6. FOR LOCATION OF REAL-TIME INFORMATION DISPLAY BOX, SEE STATION SHELTER SITE PLAN DRAWINGS. TEXT TO SPEECH BUTTON TO BE A MODULAR, FLUSH ASSEMBLY WITH SEPARATE BUTTON, CONTROL BOX, ANTENNA, AND SPEAKER. LOCATE BUTTON PER ADA MOUNTING HEIGHT REQUIREMENTS. PROVIDE PERFORATED HOLES FOR SPEAKER AND MOUNT INSIDE CABINET WITH CONTROL BOX. LOCATE ANTENNA ON TOP OF CABINET.



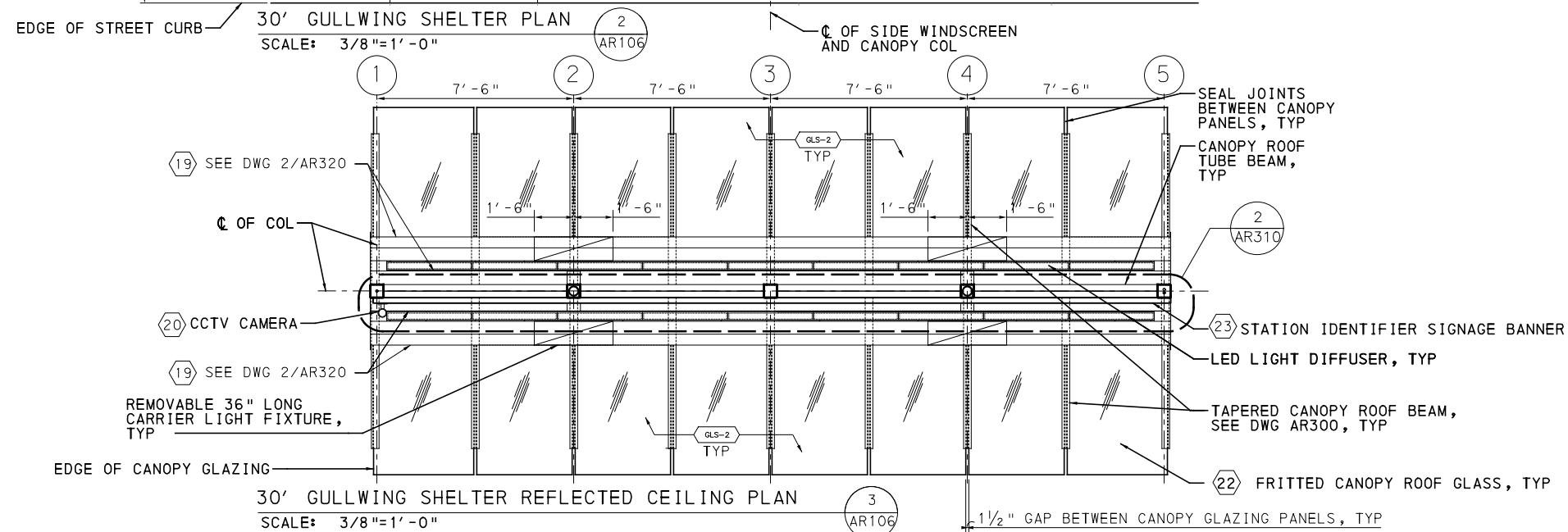
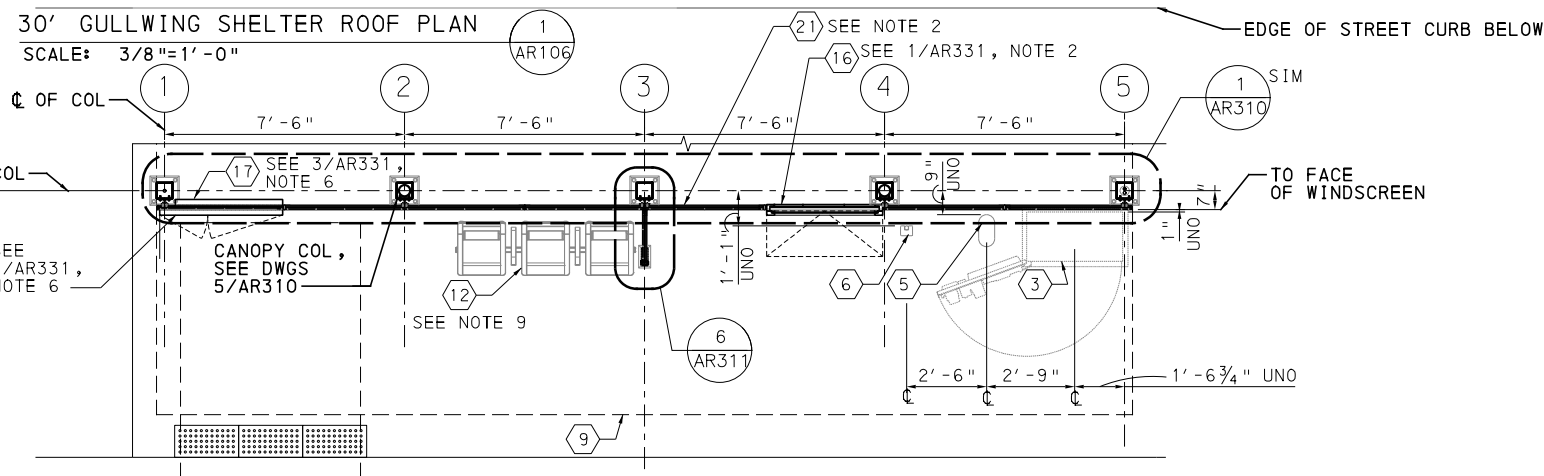
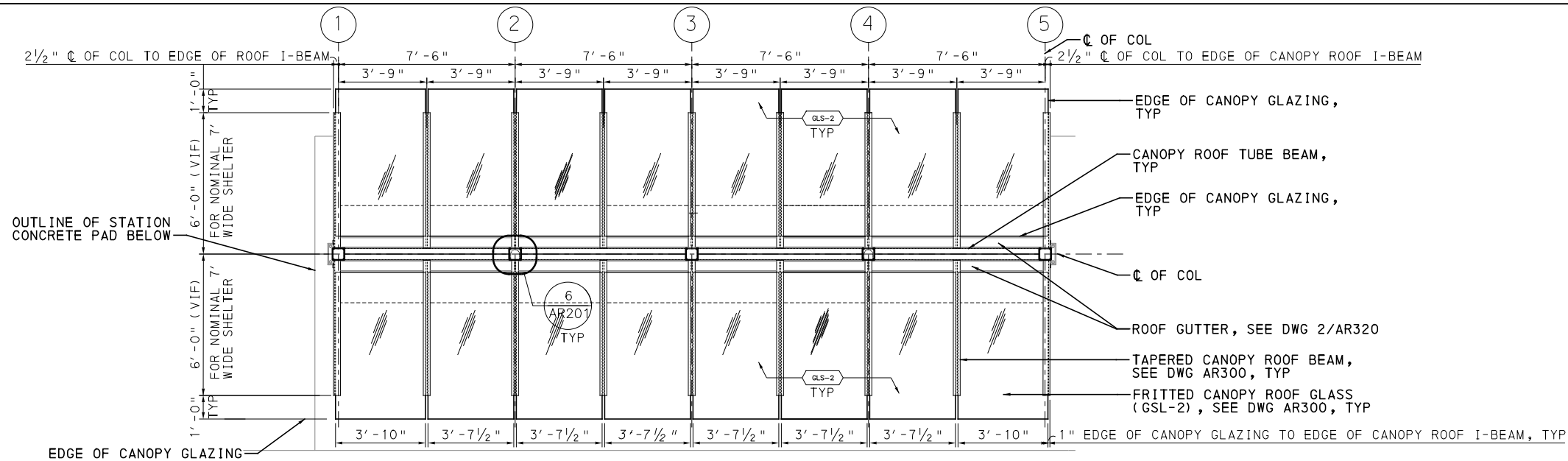
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(NOT FOR CONSTRUCTION)

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CHECKED	LG
IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND ARCHITECTURAL PLANS 60' SHELTER ELEVATIONS	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001 DWG. NO. AR105 SHT. 773



KEYNOTES:

- 1 OUTLINE OF STATION CONCRETE PAD
- 2 REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
- 3 TICKET VENDING MACHINE (TVM)
- 4 FUTURE TVM
- 5 S&B VALIDATOR
- 6 MJR VALIDATOR
- 7 EMERGENCY BLUE LIGHT PHONE
- 8 REAL-TIME INFORMATION DISPLAY (LARGE) WITH TEXT TO SPEECH BUTTON
- 9 OUTLINE OF SHELTER CANOPY ROOF ABOVE
- 10 TACTILE BOARDING WARNING STRIPS
- 11 TVM SHELTER
- 12 BENCH TYPE 1 (3-SEATS)
- 13 BENCH TYPE 2 (2-SEAT)
- 14 CONCEALED RAINWATER LEADER / DOWNSPOUT
- 15 TRASH RECEPTACLE
- 16 AD PANEL CABINET
- 17 STATIC WAYFINDING
- 18 BICYCLE RACK / STORAGE
- 19 SHELTER SERVICE CARRIER
- 20 CCTV CAMERA
- 21 WINDSCREEN CLEAR GLASS, TYP
- 22 CANOPY FRITTED GLASS, TYP
- 23 STATION IDENTIFIER SIGNAGE BANNER

NOTES:

1. SEE DWG ARO02 FOR GENERAL AND SHEET NOTES.
2. REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38 FOR WINDSCREEN LAYOUT PER BAY TAGS. FOR WINDSCREEN TYPES AND BAY SIZE SCHEDULE, SEE DWGS ARO95 AND ARO96.
3. FOR EQUIPMENT LAYOUTS AND AMENITIES, REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. UNO, DIMENSIONS SHOWN ON THIS SHEET FOR EQUIPMENT SHALL BE PROTOTYPICAL UNLESS NOTED OTHERWISE. REFER TO CONTROL SYSTEMS PLANS FOR EQUIPMENT REQUIREMENTS AND QUANTITIES.
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5. FOR LOCATION OF RAIN LEADER AT CANOPY COLUMN, SEE STATION SHELTER SITE PLAN DRAWINGS AND ROADWAY PLANS.
6. FOR LOCATION OF REAL-TIME INFORMATION DISPLAY SEE STATION SHELTER SITE PLAN DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38. FOR PLAN DETAILS, SEE DWG AR331.
7. FOR SHELTER FRONT AND REAR ELEVATIONS, SEE DWG AR107.
8. EMERGENCY PHONE/CALL BUTTON POLE NOT SHOWN.
9. FOR BENCH DETAIL, SEE DWGS 3/AR340 AND 4/AR340.

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

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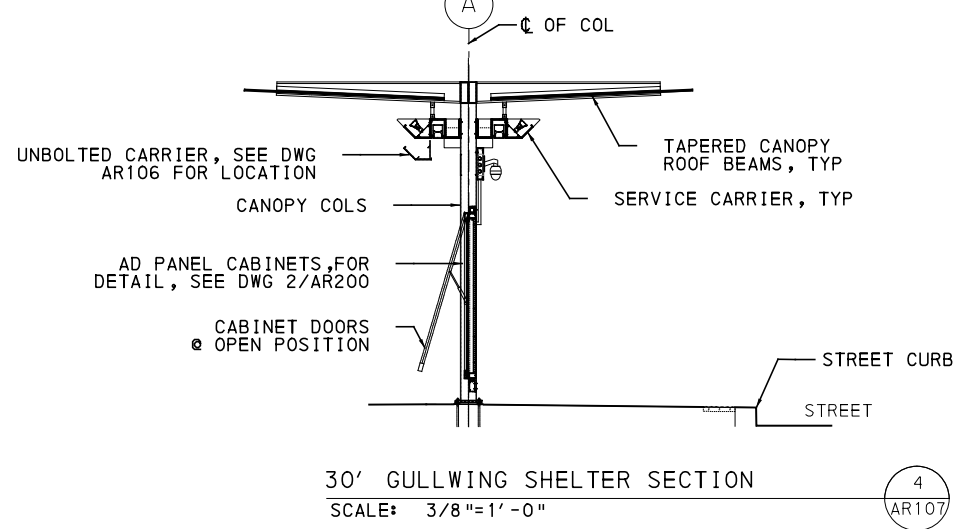
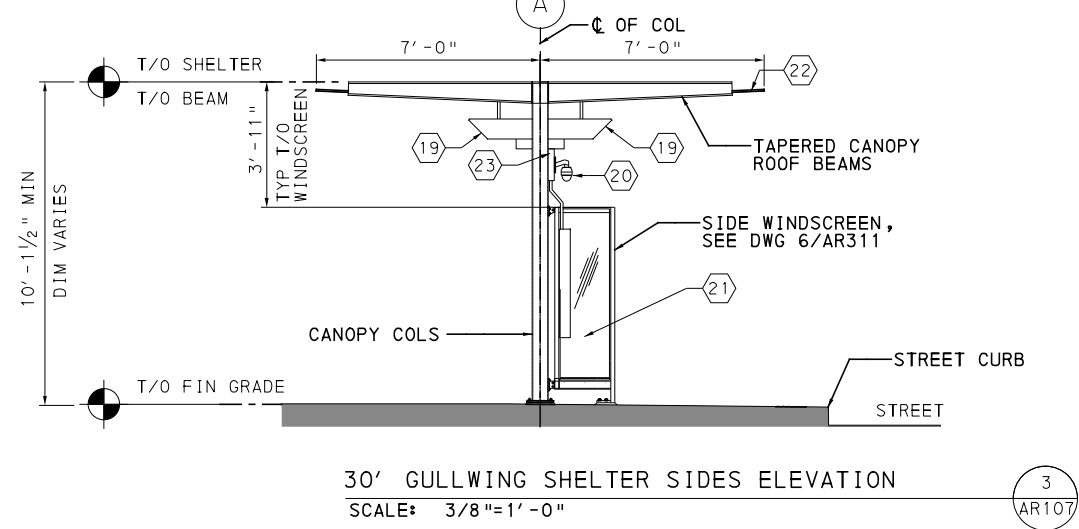
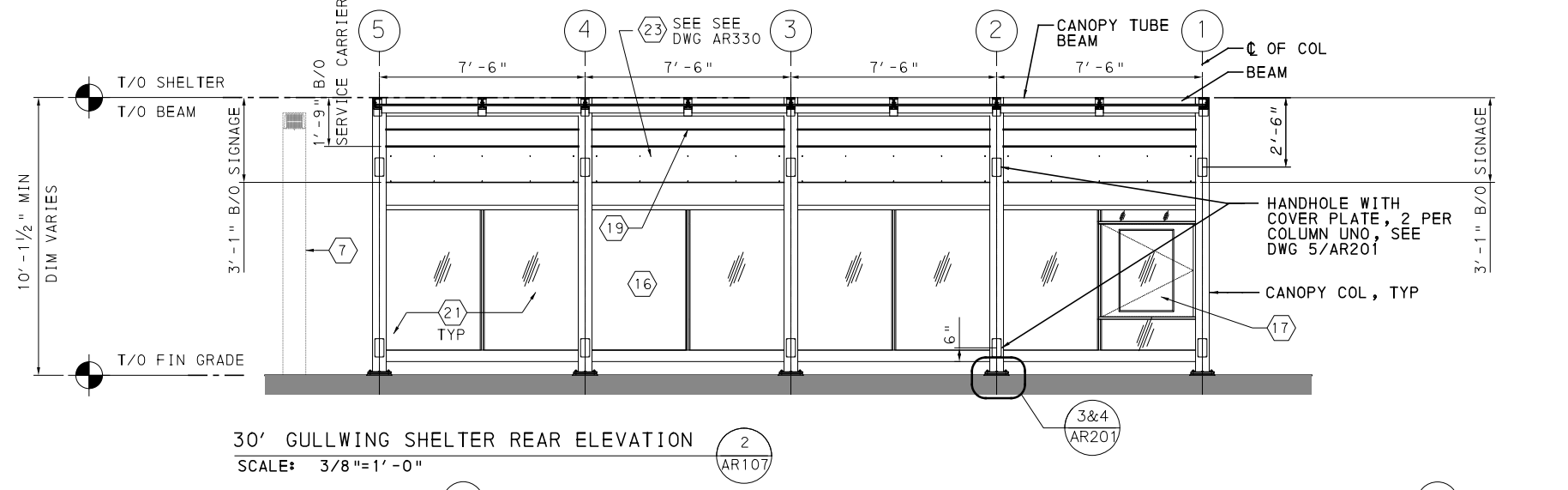
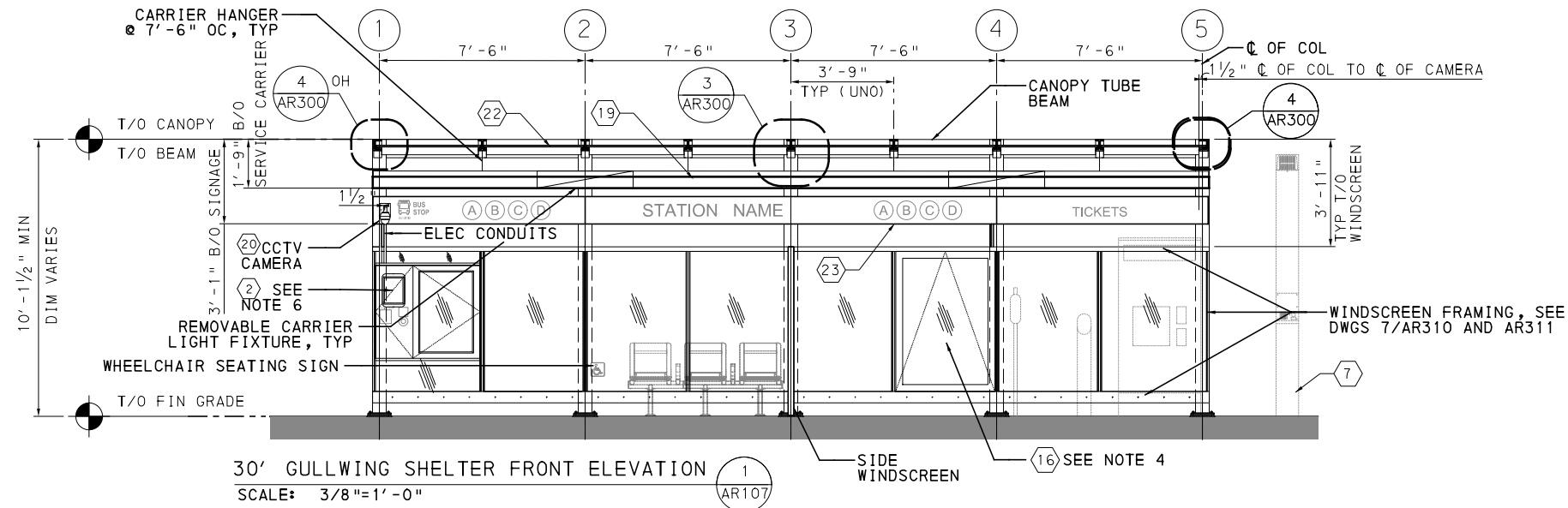
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS-30' GULLWING SHELTER
 ENLARGED PLAN, ROOF PLAN AND RCP

Port Authority
 connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. AR106 SHT. 774



- KEYNOTES:**
- ① OUTLINE OF STATION CONCRETE PAD
 - ② REAL-TIME INFORMATION DISPLAY (SMALL) WITH STATIC WAYFINDING AND TEXT TO SPEECH BUTTON
 - ③ TICKET VENDING MACHINE (TVM)
 - ④ FUTURE TVM
 - ⑤ S&B VALIDATOR
 - ⑥ MJR VALIDATOR
 - ⑦ EMERGENCY BLUE LIGHT PHONE
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 - ⑱ BICYCLE RACK / STORAGE
 - ⑲ SHELTER SERVICE CARRIER
 - ⑳ CCTV CAMERA
 - ㉑ WINDSCREEN CLEAR GLASS, TYP
 - ㉒ CANOPY FRITTED GLASS, TYP
 - ㉓ STATION IDENTIFIER SIGNAGE BANNER

- NOTES:**
1. SEE DWG ARO02 FOR GENERAL AND SHEET NOTES.
 2. REFER TO SITE PLAN ON DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38 FOR WINDSCREEN LAYOUT PER BAY TAGS. FOR WINDSCREEN TYPES AND BAY SIZE SCHEDULE, SEE DWGS ARO95 AND ARO96.
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 5. FOR LOCATION OF RAIN LEADER AT CANOPY COLUMN, SEE STATION SHELTER SITE PLAN DRAWINGS AND ROADWAY PLANS.
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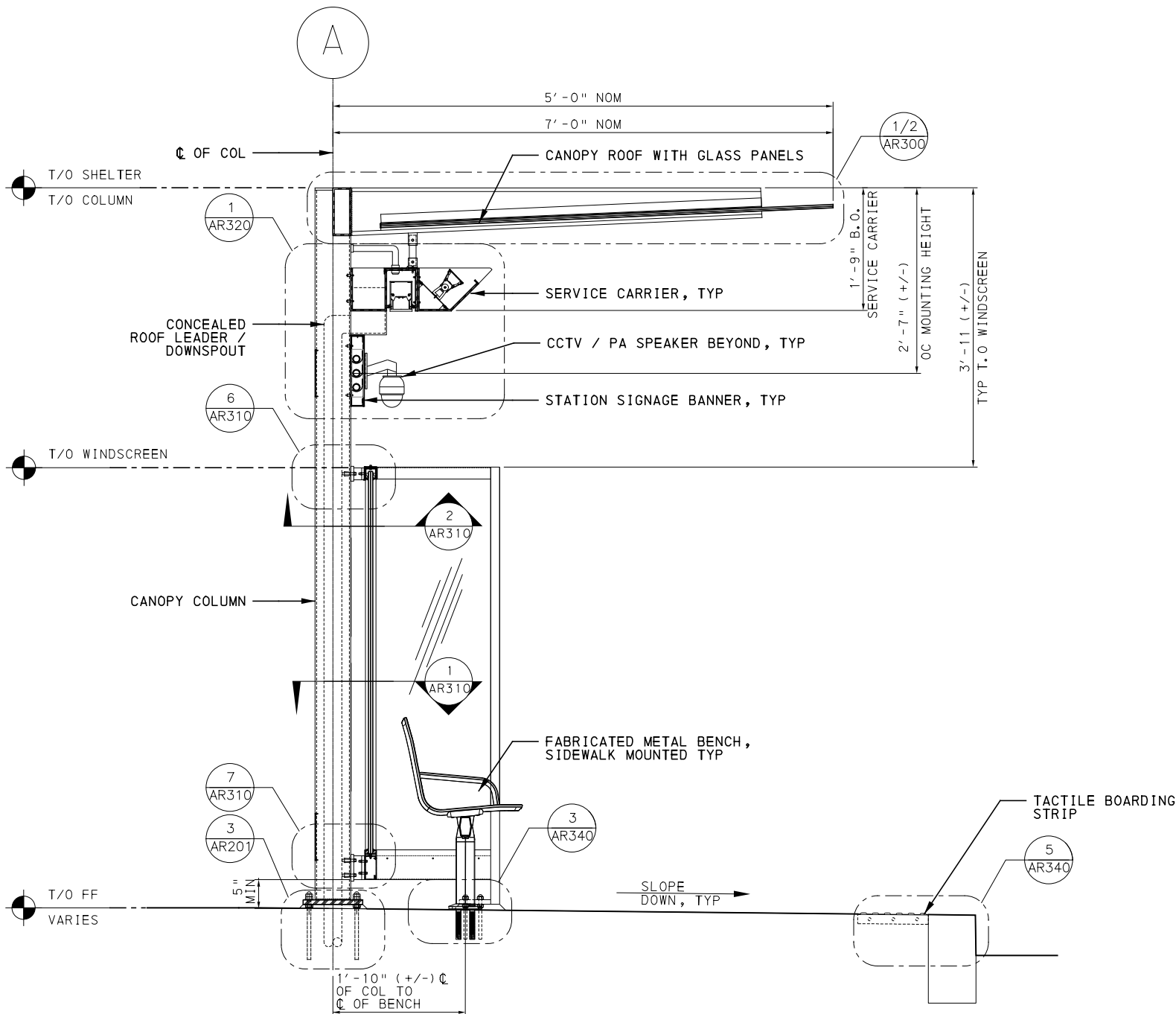
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
30' GULLWING SHELTER ELEVATIONS

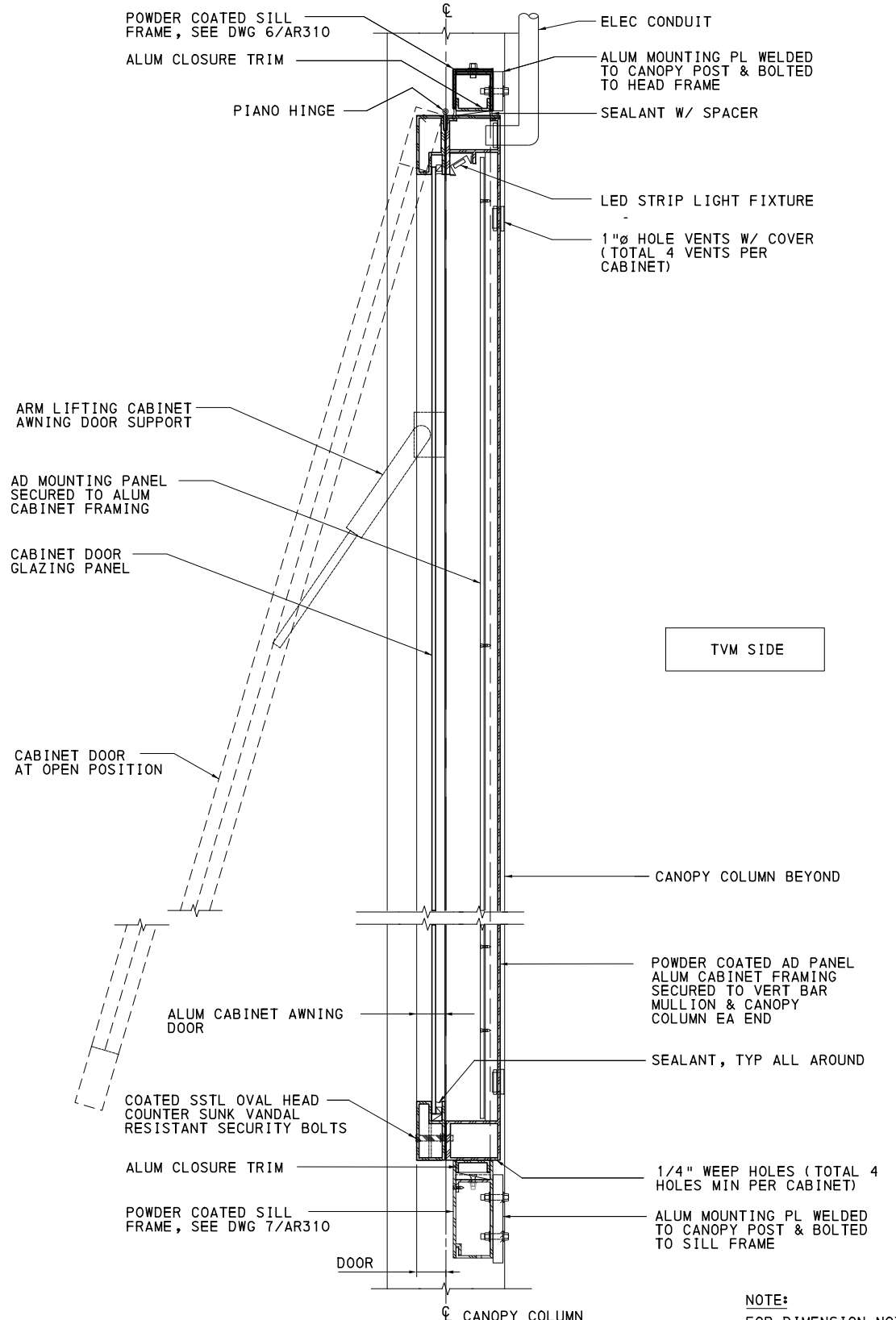
Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. AR107 SHT. 775



SHELTER SECTION - NOM 5' WIDTH
 SHELTER SECTION - NOM 7' WIDTH
 SCALE: 1"=1'-0" (1 AR200)

NOTE:
 ALTERNATIVE DETAILS THAT MEET THE DESIGN INTENT INCLUDING EXTRUSIONS, SHAPES, AND /OR CONNECTIONS ARE ACCEPTABLE PENDING APPROVAL OF THE AUTHORITY AND THE ENGINEER, SEE 10 734 BUS SHELTER.



SECTION DETAIL - AD PANEL CABINET (2 AR200)
 SCALE: 3"=1'-0"
NOTE:
 FOR DIMENSION NOT SHOWN, SEE DWG 4/AR330.



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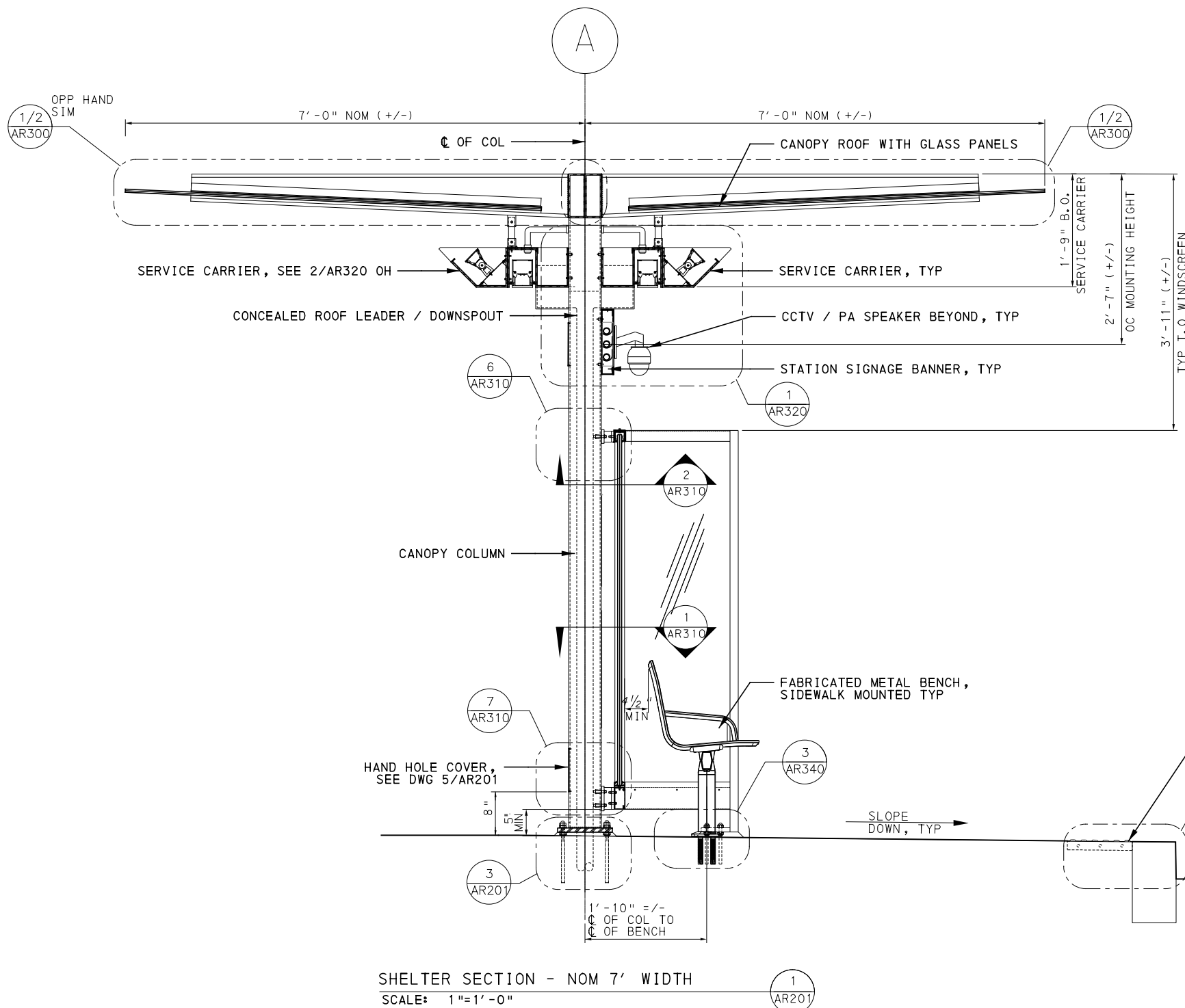
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 TYPICAL SHELTER SECTIONS

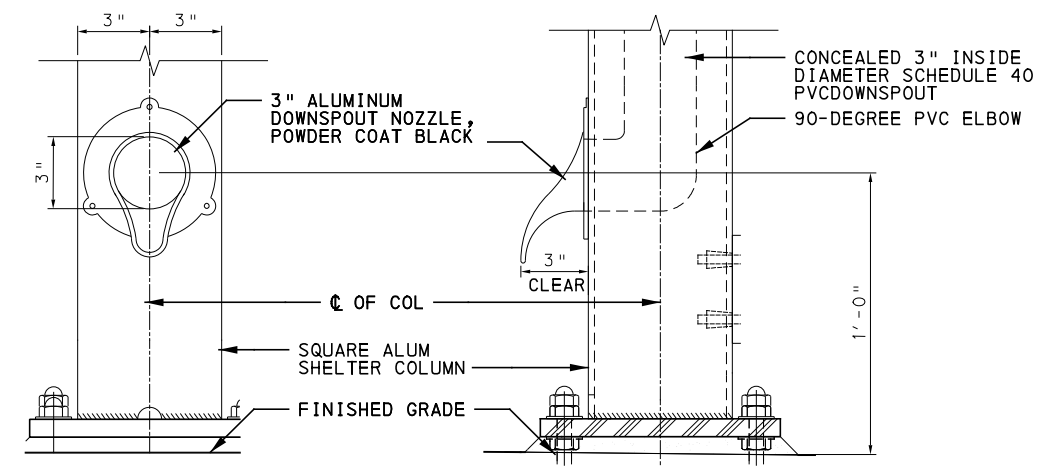
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CONTRACT NO. BRT-001
 DWG. NO. AR200 SHT. 776

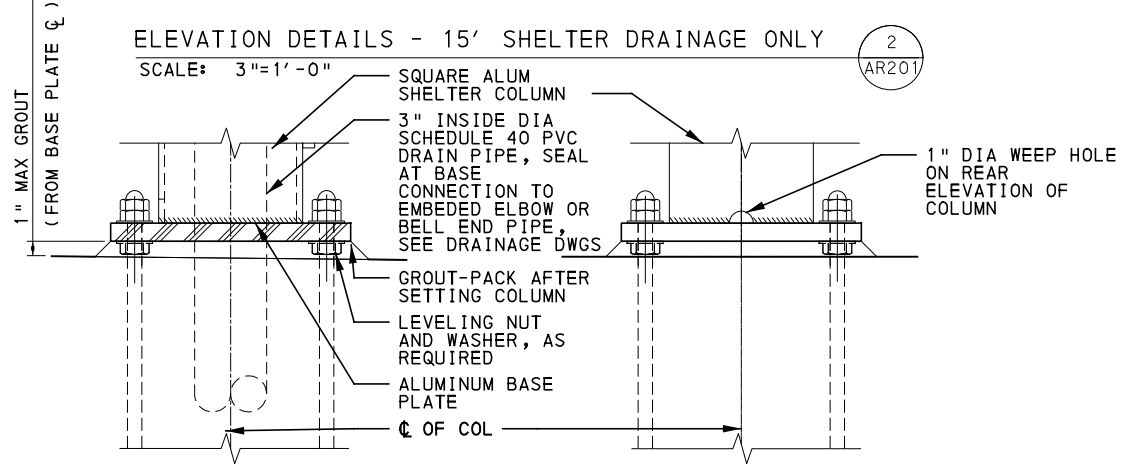


SHELTER SECTION - NOM 7' WIDTH
 SCALE: 1"=1'-0" (1 AR201)

NOTE:
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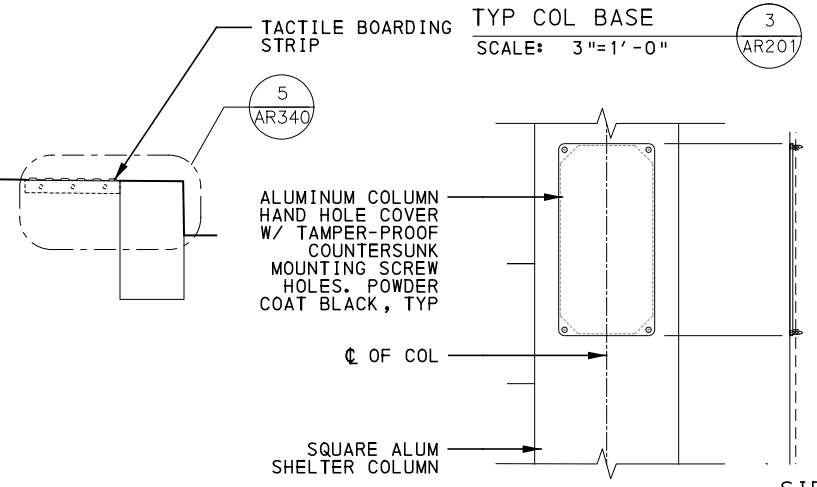


REAR ELEVATION SIDE ELEVATION



ELEVATION DETAILS - 15' SHELTER DRAINAGE ONLY
 SCALE: 3"=1'-0" (2 AR201)

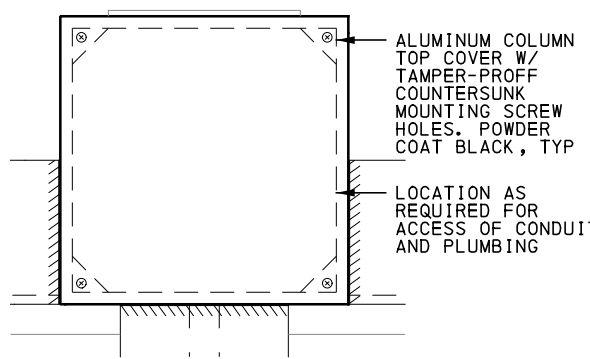
SECTION DETAIL - TYP COL BASE
 SCALE: 3"=1'-0" (3 AR201)



REAR ELEVATION SIDE ELEVATION

COL HAND HOLE DETAILS
 SCALE: 3"=1'-0" (5 AR201)

ELEVATION DETAIL - TYP COL BASE WEEP HOLE
 SCALE: 3"=1'-0" (4 AR201)



NOTE: LOCATION AS REQUIRED FOR ACCESS OF CONDUIT AND PLUMBING
 PLAN DETAIL - COL COVER
 SCALE: 6"=1'-0" (6 AR201)

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 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

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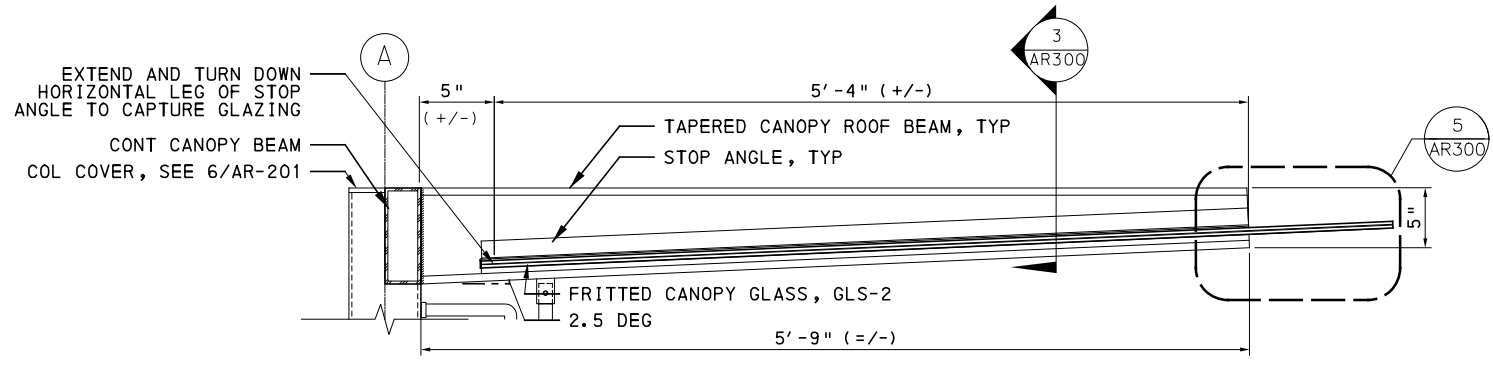
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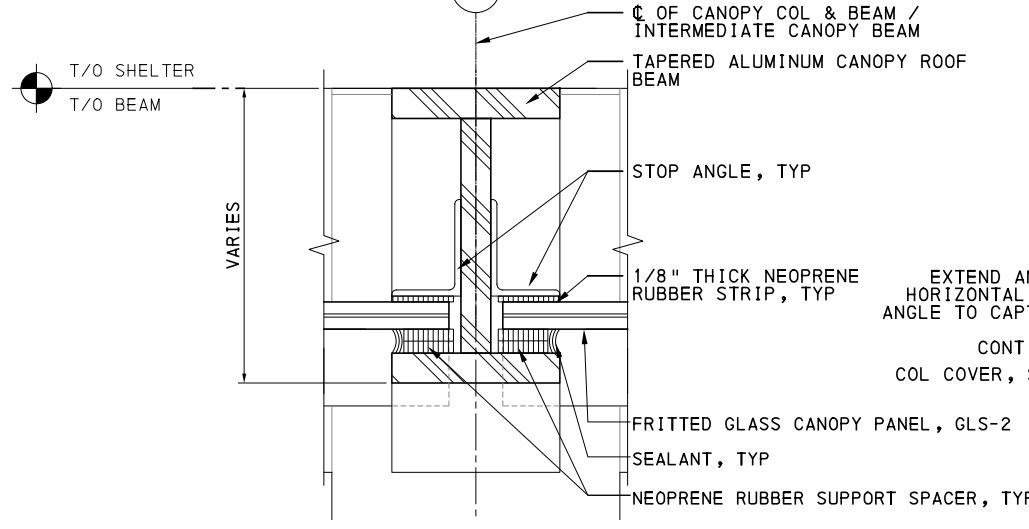
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 ARCHITECTURAL PLANS
 TYPICAL SHELTER SECTIONS

Port Authority connecting people to life™

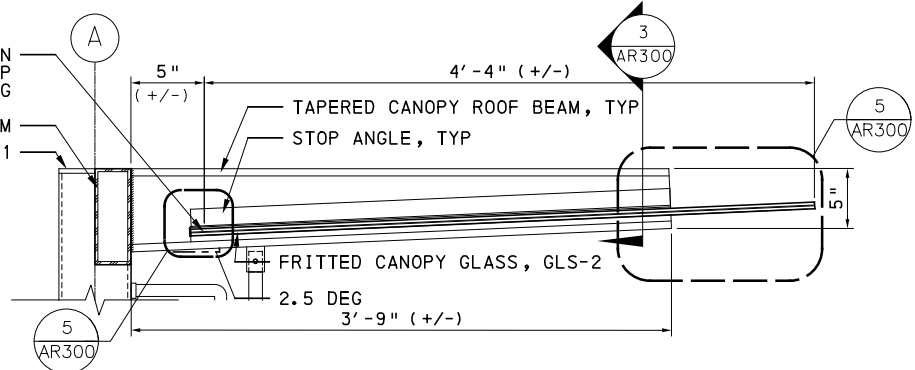
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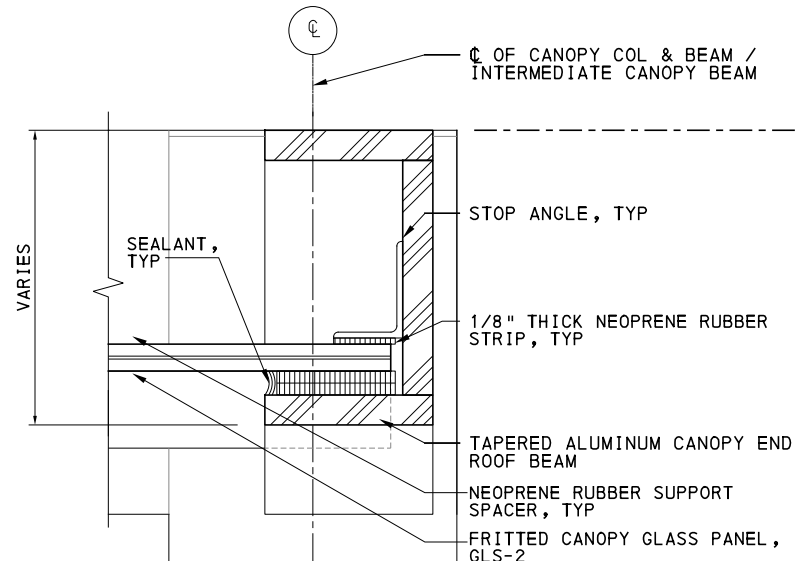
TYPICAL CANOPY BAY SECTION - NOM 7' WIDTH
SCALE: 1 1/2"=1'-0"



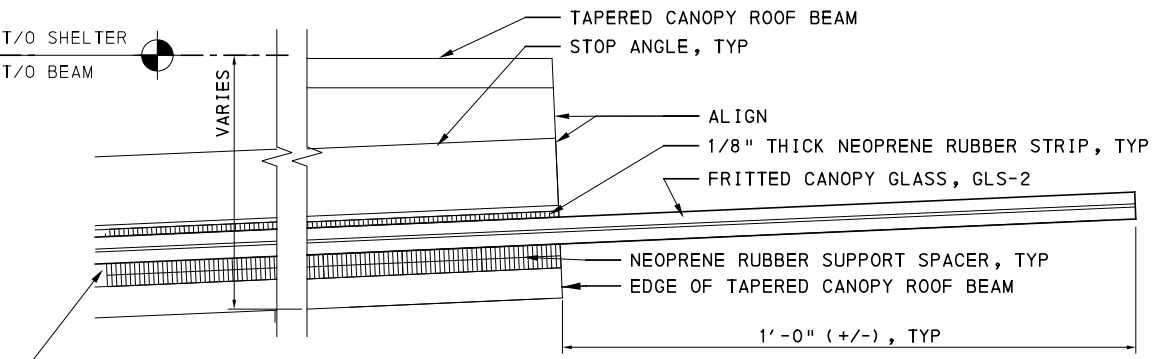
SECTION DETAIL
SCALE: 6"=1'-0"



TYPICAL CANOPY BAY SECTION - NOM 5' WIDTH
SCALE: 1 1/2"=1'-0"



SECTION DETAIL
SCALE: 6"=1'-0"



SECTION DETAIL
SCALE: 6"=1'-0"

NOTE:
ALTERNATIVE DETAILS THAT MEET THE DESIGN INTENT INCLUDING EXTRUSIONS, SHAPES, AND /OR CONNECTIONS ARE ACCEPTABLE PENDING APPROVAL OF THE AUTHORITY AND THE ENGINEER, SEE 10 734 BUS SHELTER.

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707 Grant Street
5th Floor
Pittsburgh, PA 15219

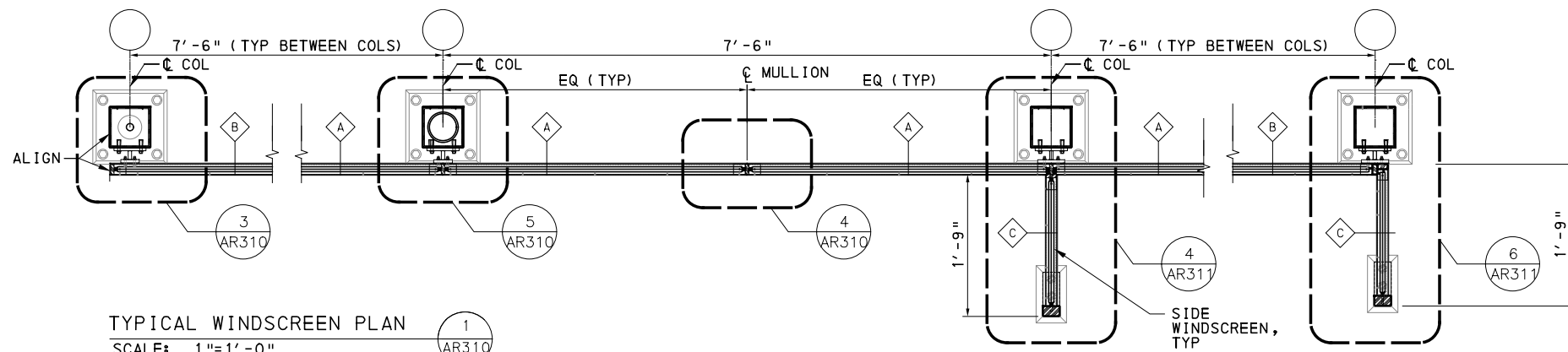
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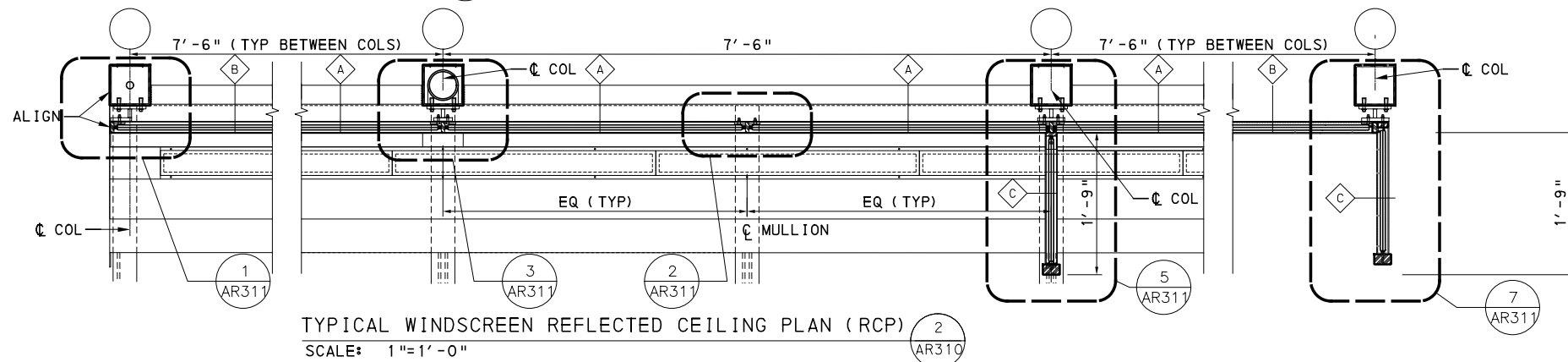
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND ARCHITECTURAL PLANS SHELTER CANOPY DETAILS	
Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. AR300	SHT. 778



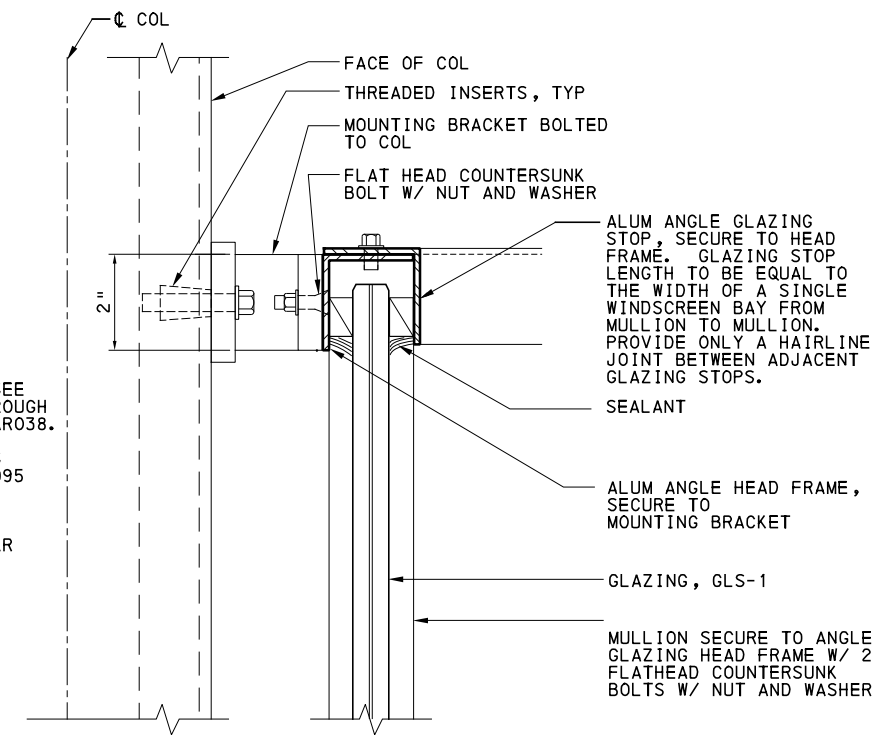
TYPICAL WINDSCREEN PLAN
SCALE: 1"=1'-0"



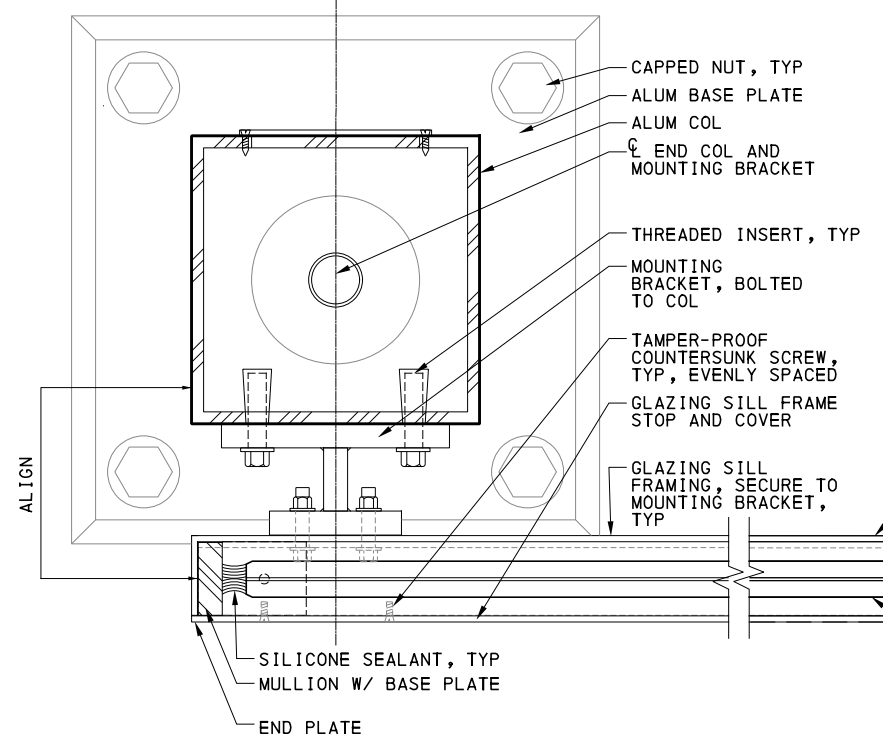
TYPICAL WINDSCREEN REFLECTED CEILING PLAN (RCP)
SCALE: 1"=1'-0"

NOTES:

1. FOR WINDSCREEN LAYOUT, SEE SITE PLAN DWGS ARO16 THROUGH ARO25, & ARO28 THROUGH ARO38.
2. FOR WINDSCREEN BAY TYPES AND DIMENSIONS, SEE AR-095 AND AR-096.
3. CCTV CAMERA AND STATION IDENTIFIER SIGNAGE BANNER NOT SHOWN FOR CLARITY.

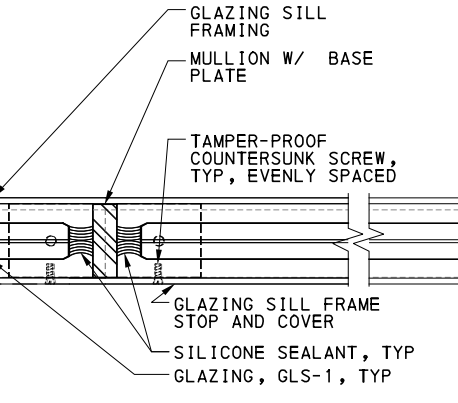


SECTION DETAIL
SCALE: 6"=1'-0"

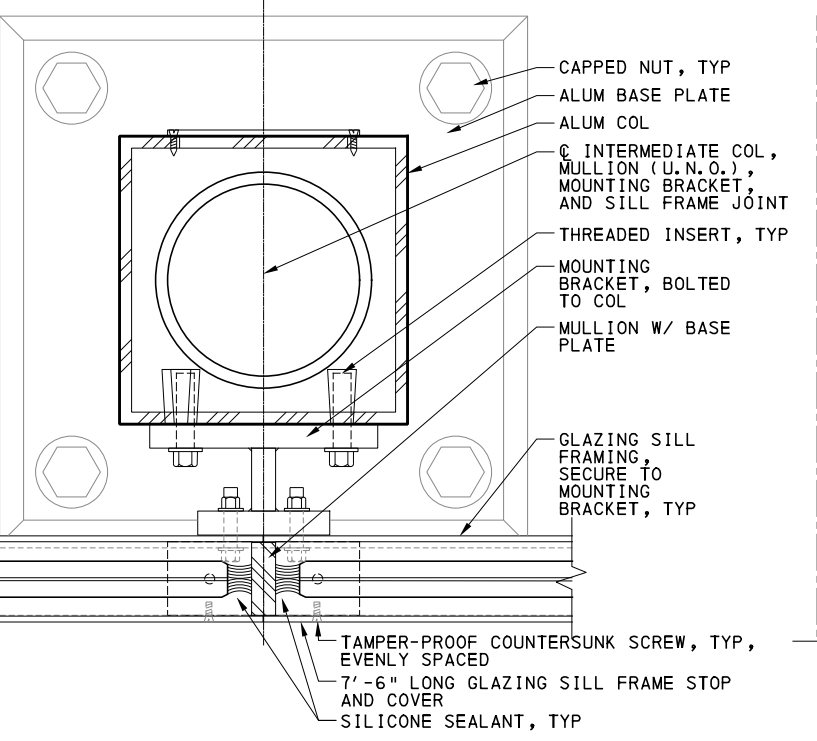


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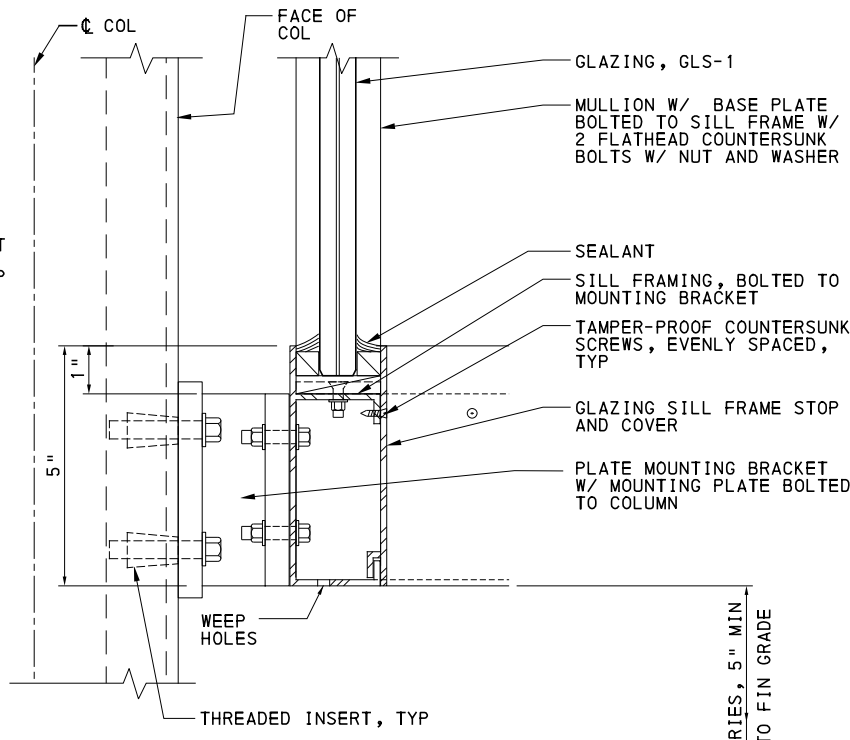
NOTE:
ALTERNATIVE DETAILS THAT MEET THE DESIGN INTENT INCLUDING EXTRUSIONS, SHAPES, AND/OR CONNECTIONS ARE ACCEPTABLE PENDING APPROVAL OF THE AUTHORITY AND THE ENGINEER, SEE 10 734 BUS SHELTER.



PLAN DETAIL
SCALE: 6"=1'-0"



PLAN DETAIL
SCALE: 6"=1'-0"



SECTION DETAIL
SCALE: 6"=1'-0"

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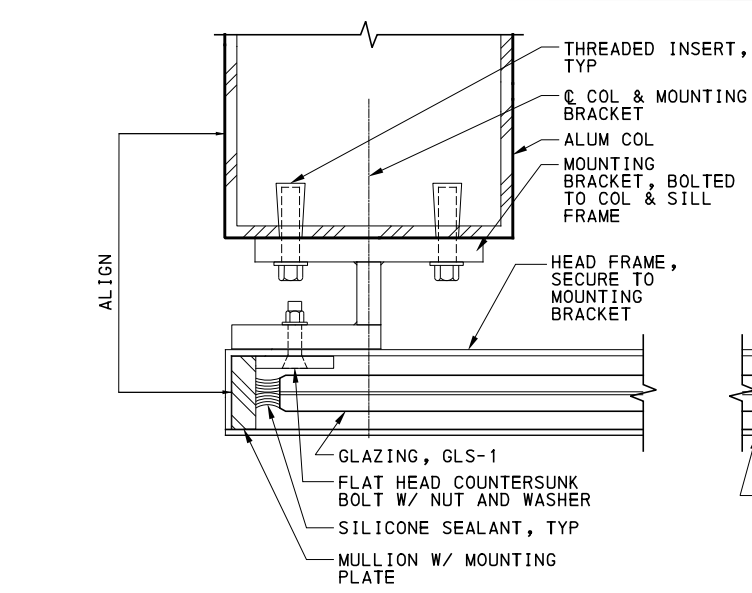
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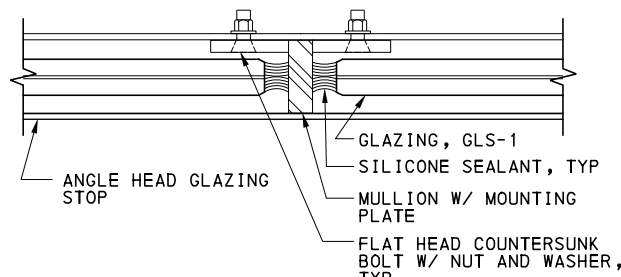
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IN CHARGE	OA
DATE	05/01/24
SCALE	AS SHOWN

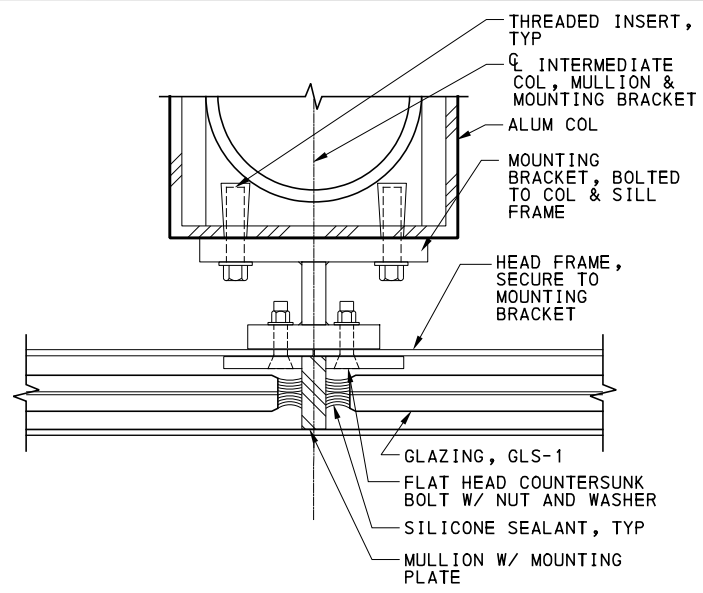
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND ARCHITECTURAL PLANS SHELTER WINDSCREEN DETAILS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. AR310 SHT. 779



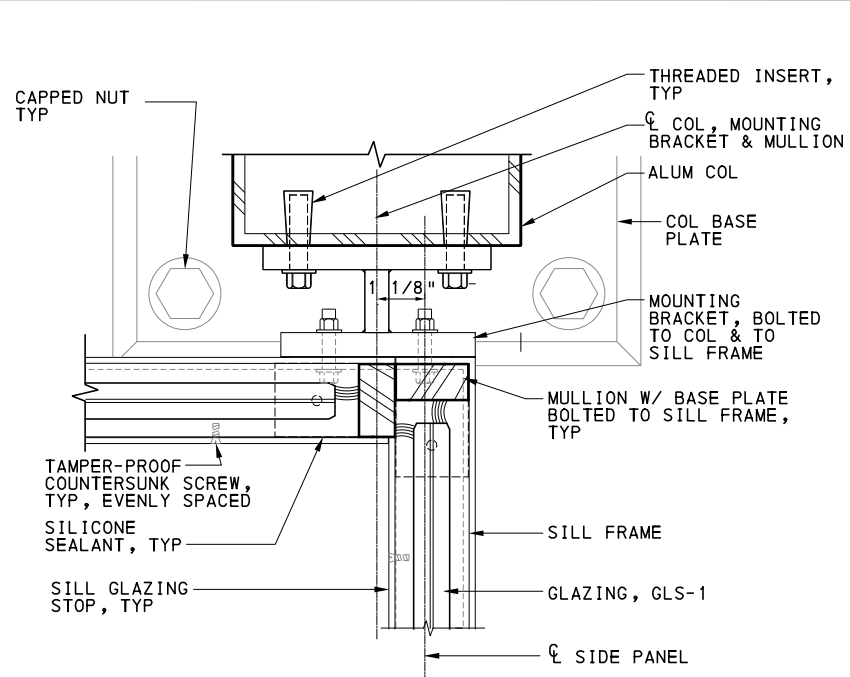
RCP DETAIL 1
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RCP DETAIL 2
SCALE: 6"=1'-0" AR311

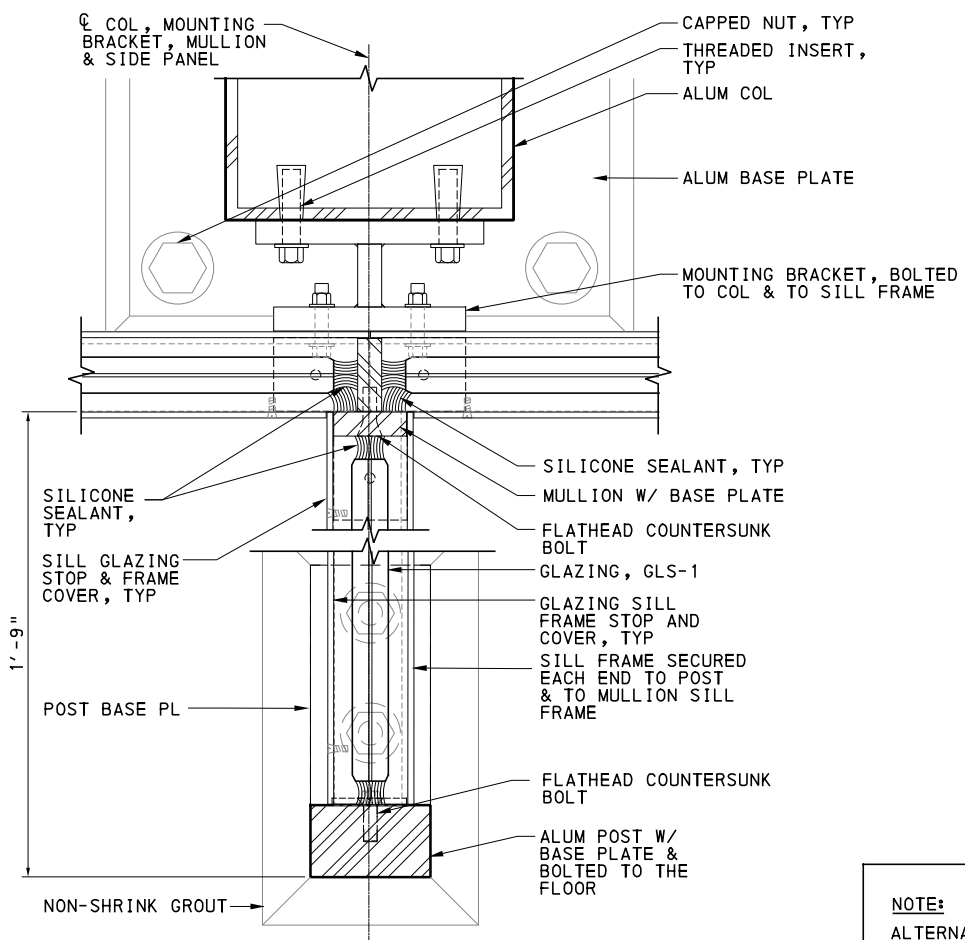


RCP DETAIL 3
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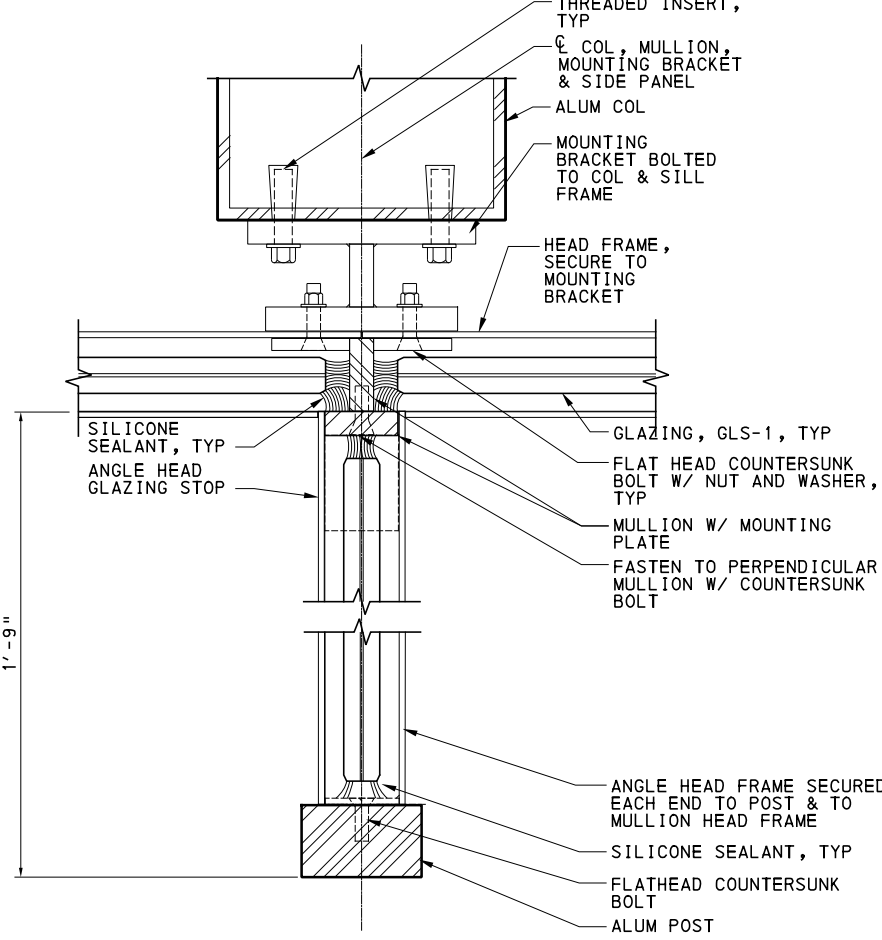


PLAN DETAIL 6
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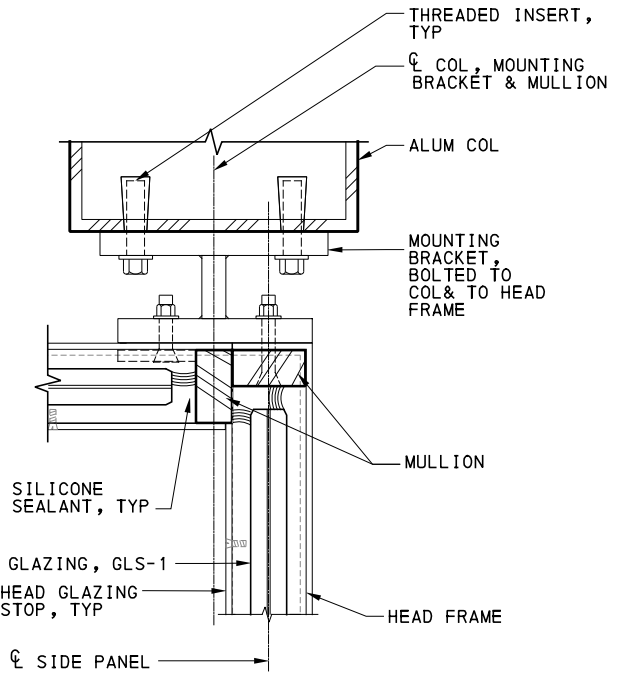
NOTE:
FOR END POST, SEE
DWG 4/AR-311



PLAN DETAIL 4
SCALE: 6"=1'-0" AR311



RCP DETAIL 5
SCALE: 6"=1'-0" AR311



RCP DETAIL 7
SCALE: 6"=1'-0" AR311

NOTE:
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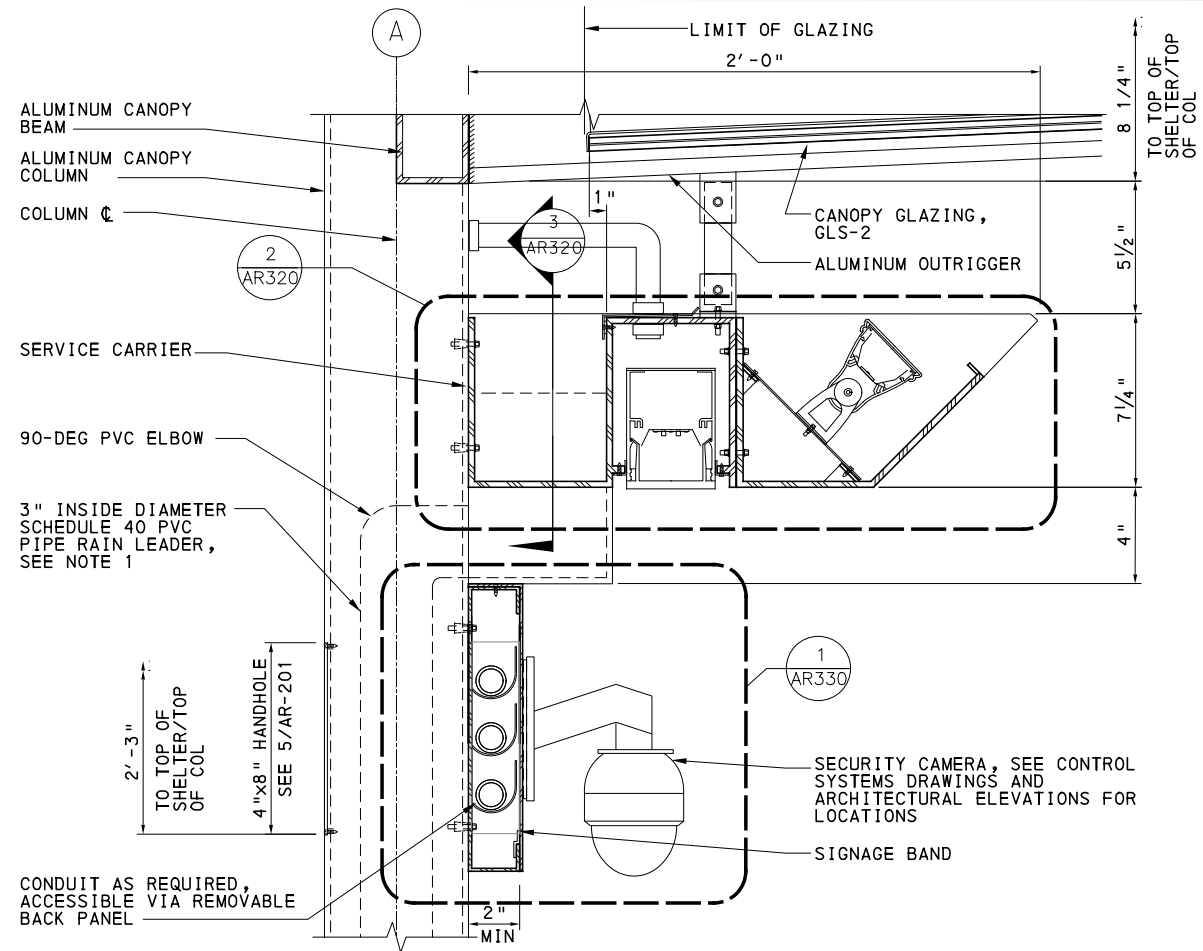
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
SHELTER WINDSCREEN DETAILS

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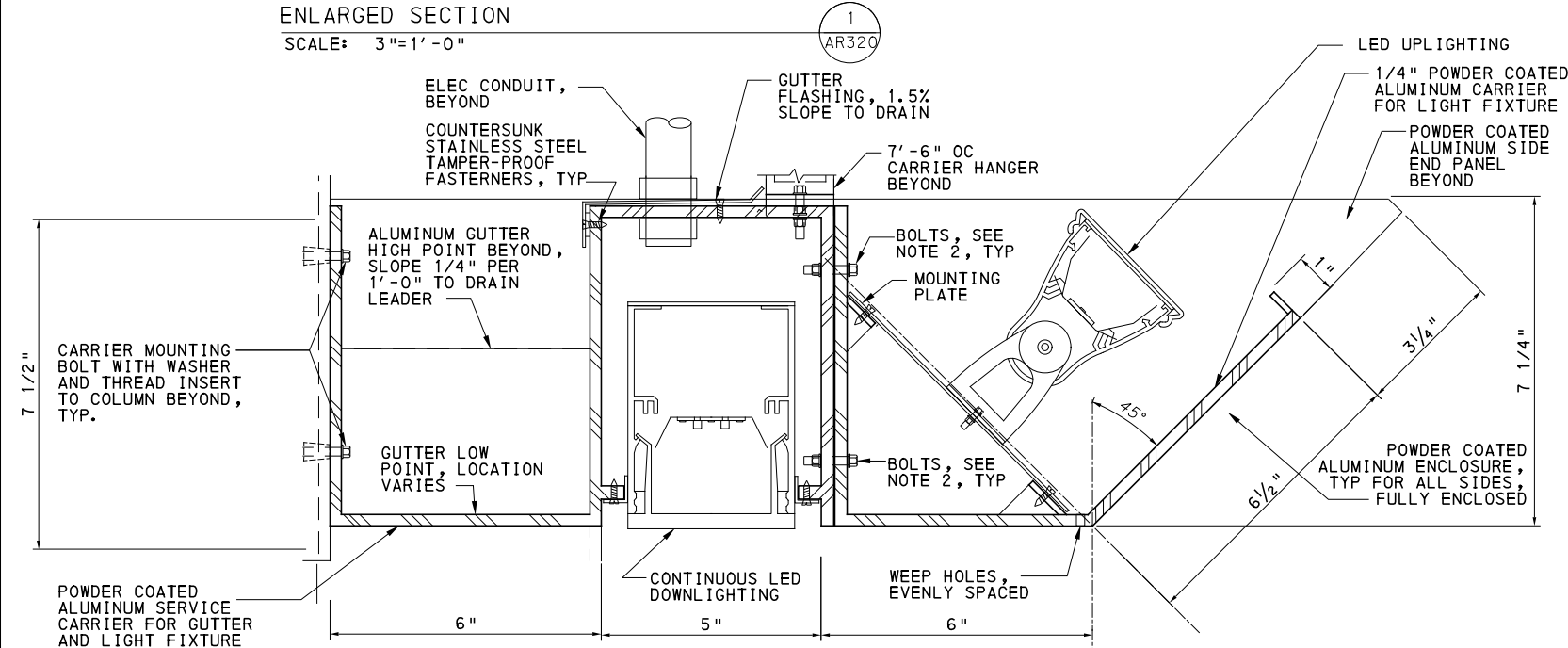
CONTRACT NO. BRT-001
DWG. NO. AR311 SHT. 780



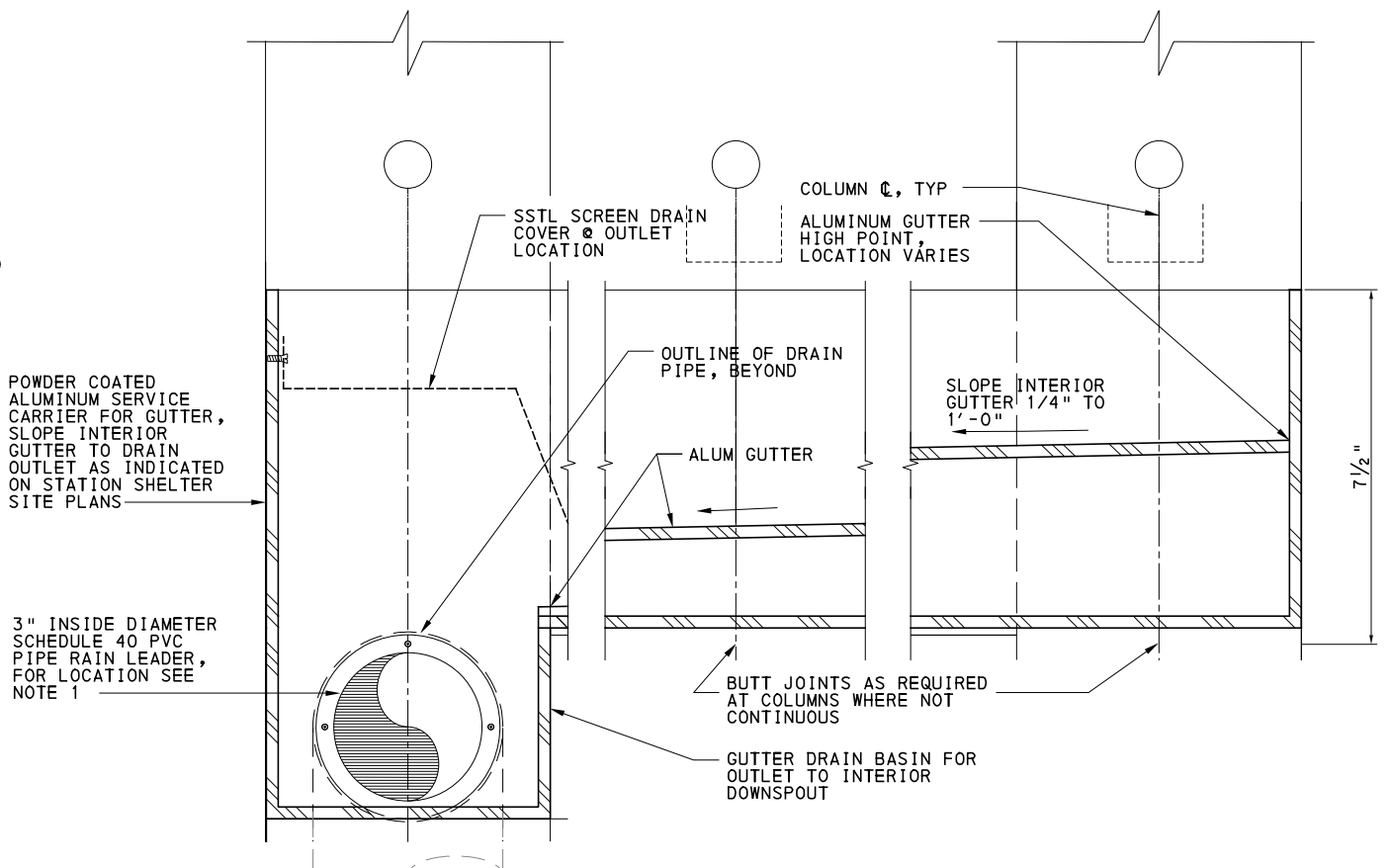
ENLARGED SECTION
SCALE: 3"=1'-0"

- NOTES:
- REFER TO SITE PLAN DRAWINGS AR-016 THROUGH AR-025, & AR028 THROUGH AR038 FOR LOCATION OF RAIN LEADERS. COLUMNS NOT PERMITTED TO SHARE ELECTRICAL/COMMS CONDUIT WITH DRAINAGE PIPING.
 - MOUNTING BOLTS FOR REMOVABLE CARRIER LIGHT FIXTURE LOCATED AT GULLWING SHELTER ONLY SHALL PROVIDE THREADED INSERT INSTEAD OF BOLT AND NUTS. BOLT SPACING IS 12" OC, MAX.

NOTE:
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SERVICE CARRIER CROSS SECTION DETAIL
SCALE: 6"=1'-0"



SERVICE CARRIER LONGITUDINAL SECTION DETAIL
SCALE: 6"=1'-0"



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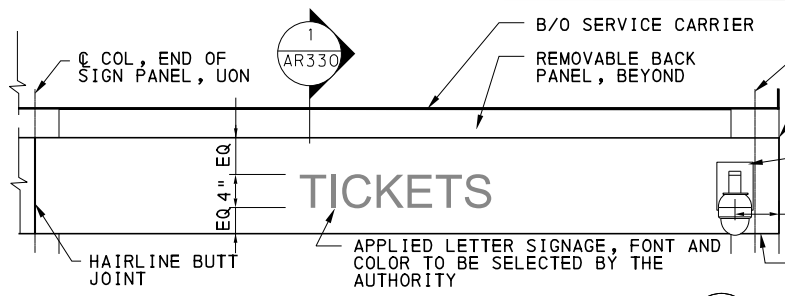
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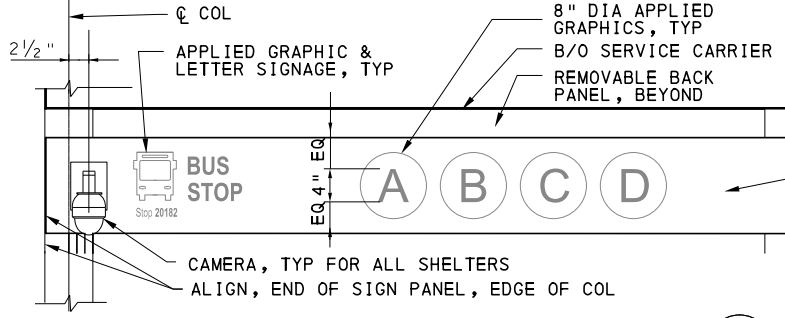
BUS RAPID TRANSIT UPTOWN TO OAKLAND
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SHELTER SERVICE CARRIER DETAILS

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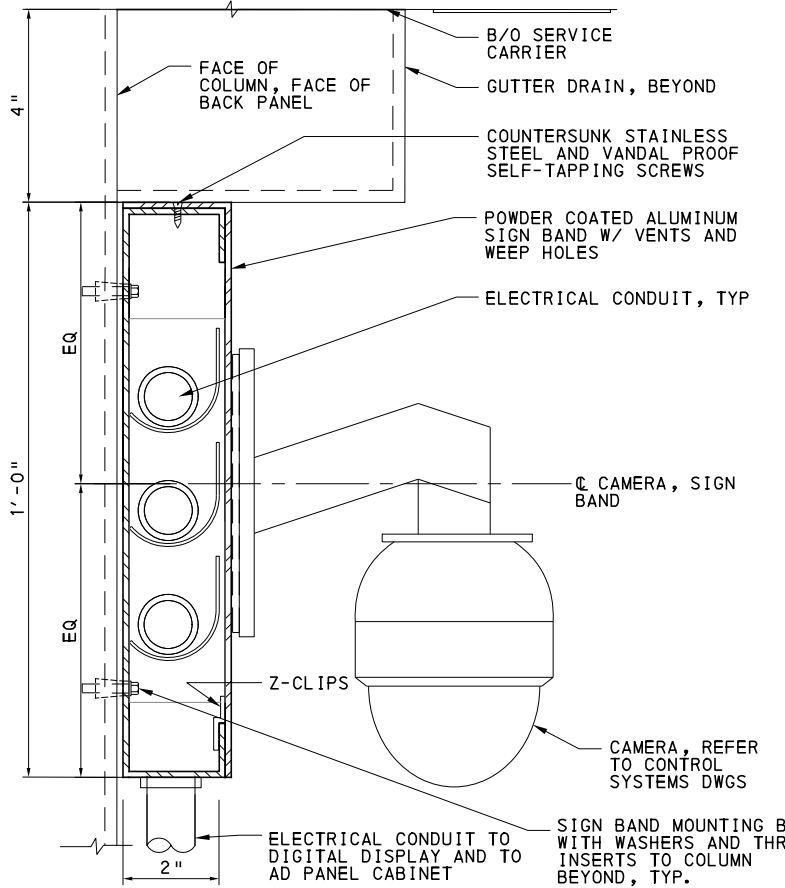
CONTRACT NO. BRT-001
DWG. NO. AR320 SHT. 781



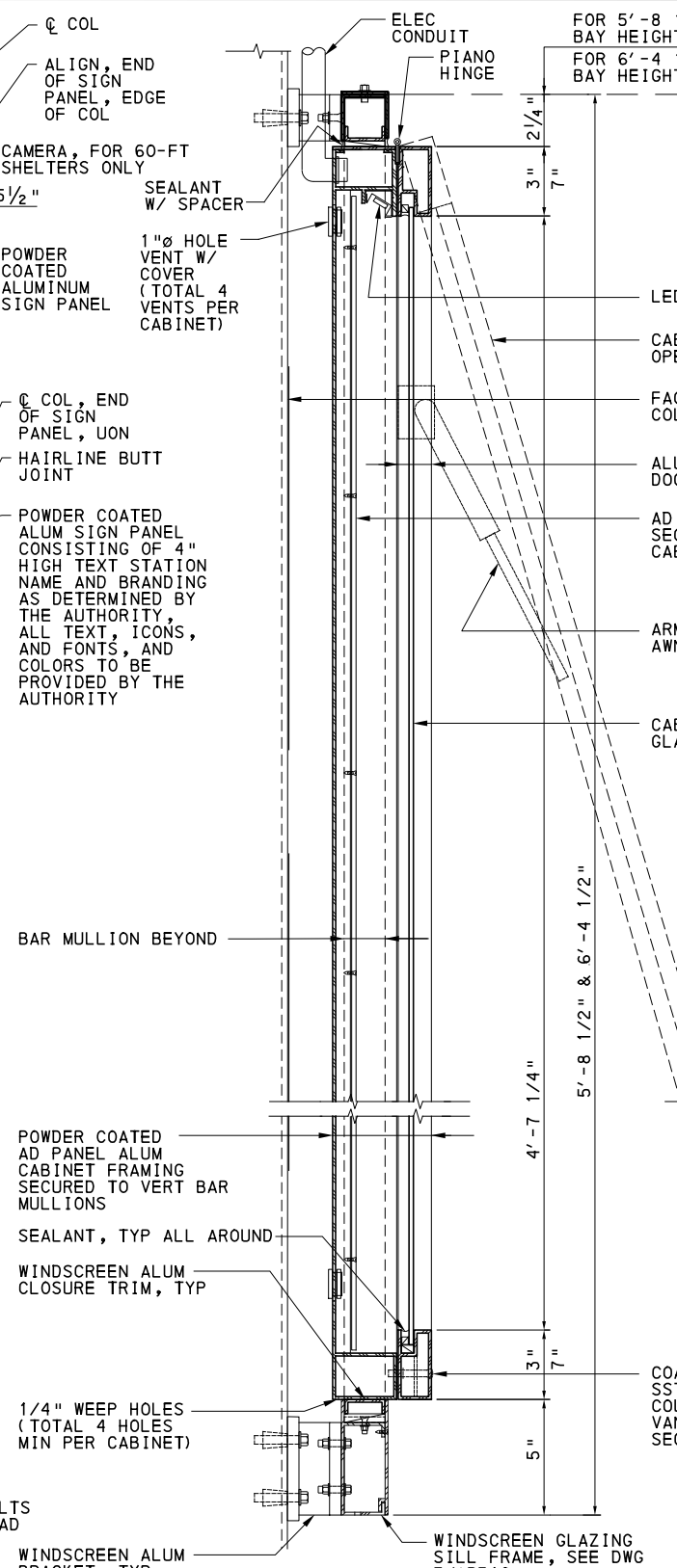
ELEVATION - SIGN BAND END PANEL
SCALE: 1"=1'-0"



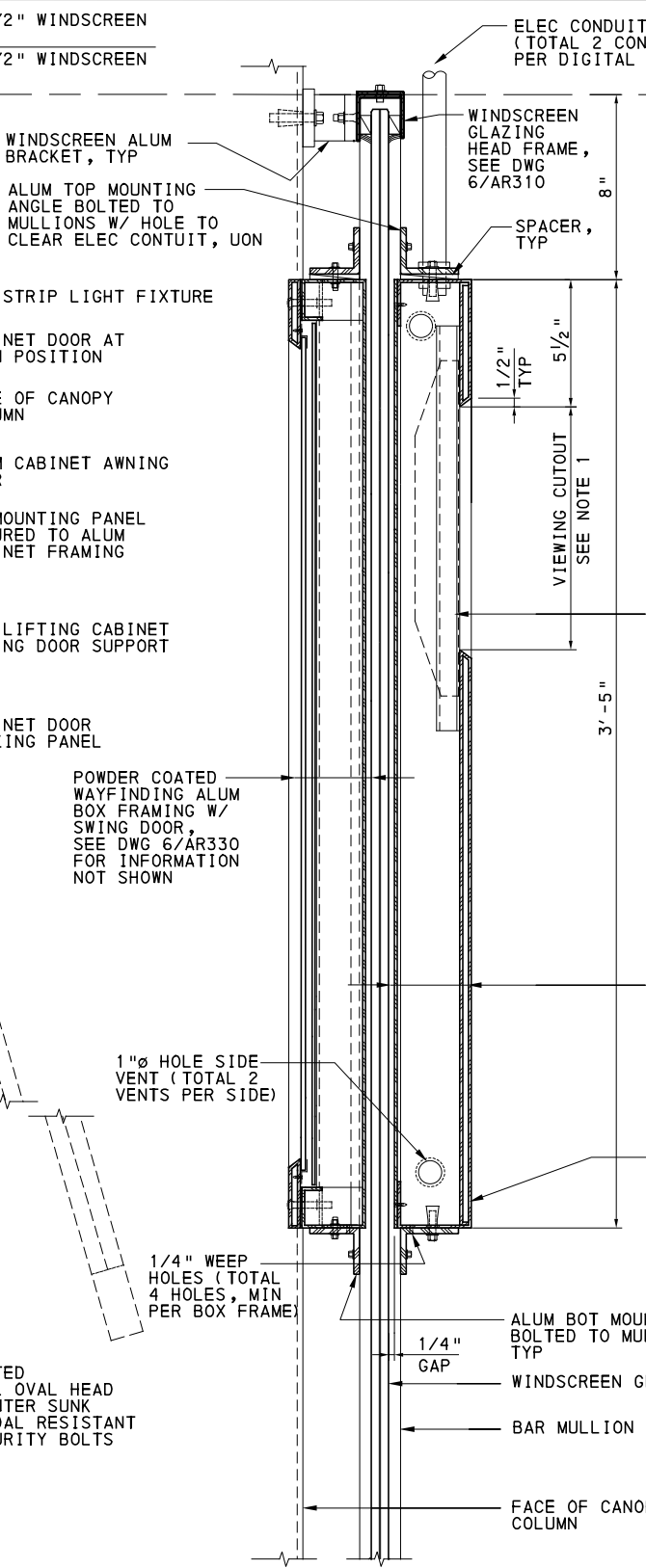
ELEVATION - SIGN BAND STARTING PANEL
SCALE: 1"=1'-0"



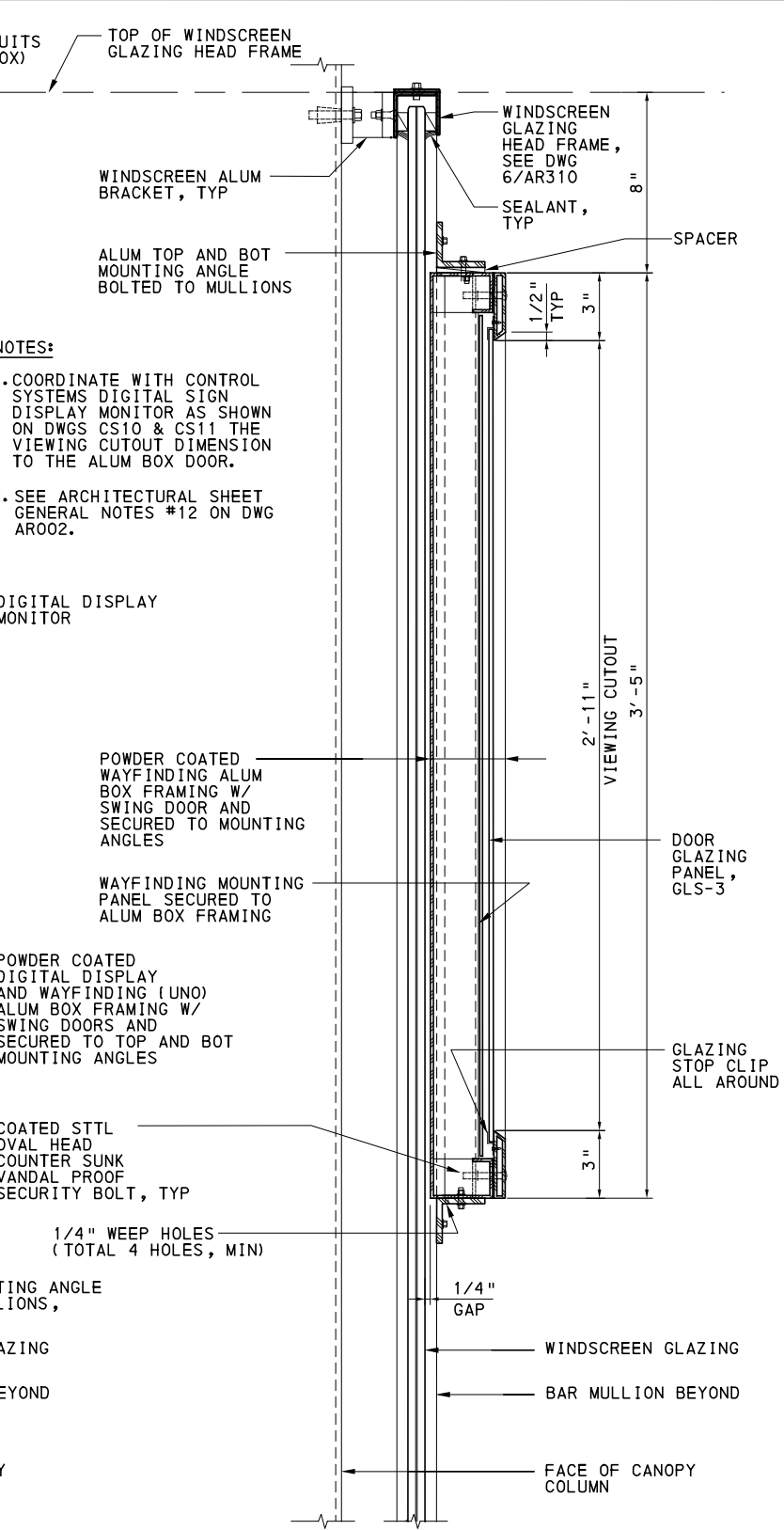
SECTION DETAIL - SIGN BAND
SCALE: 6"=1'-0"



SECTION DETAIL - AD PANEL CABINET
SCALE: 3"=1'-0"



SECTION DETAIL - DIGITAL DISPLAY
SCALE: 3"=1'-0"



SECTION DETAIL - WAYFINDING
SCALE: 3"=1'-0"

- NOTES:
- COORDINATE WITH CONTROL SYSTEMS DIGITAL SIGN DISPLAY MONITOR AS SHOWN ON DWGS CS10 & CS11 THE VIEWING CUTOFF DIMENSION TO THE ALUM BOX DOOR.
 - SEE ARCHITECTURAL SHEET GENERAL NOTES #12 ON DWG ARO02.



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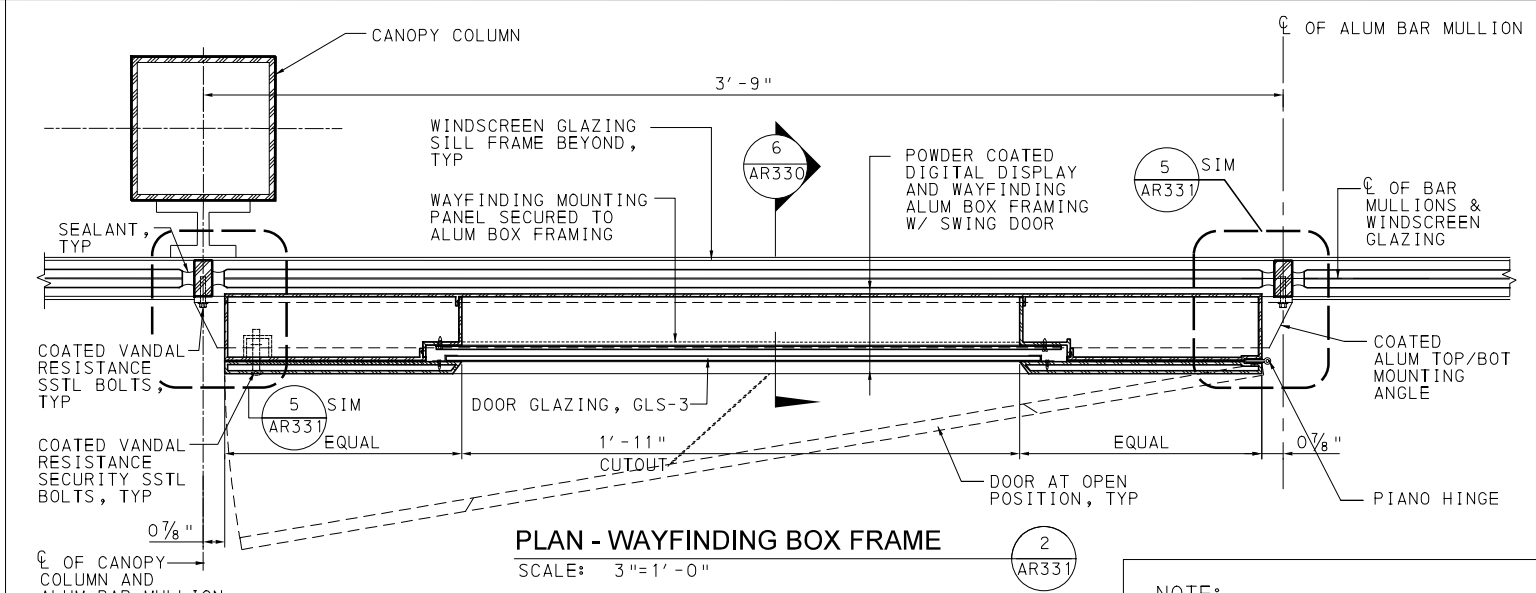
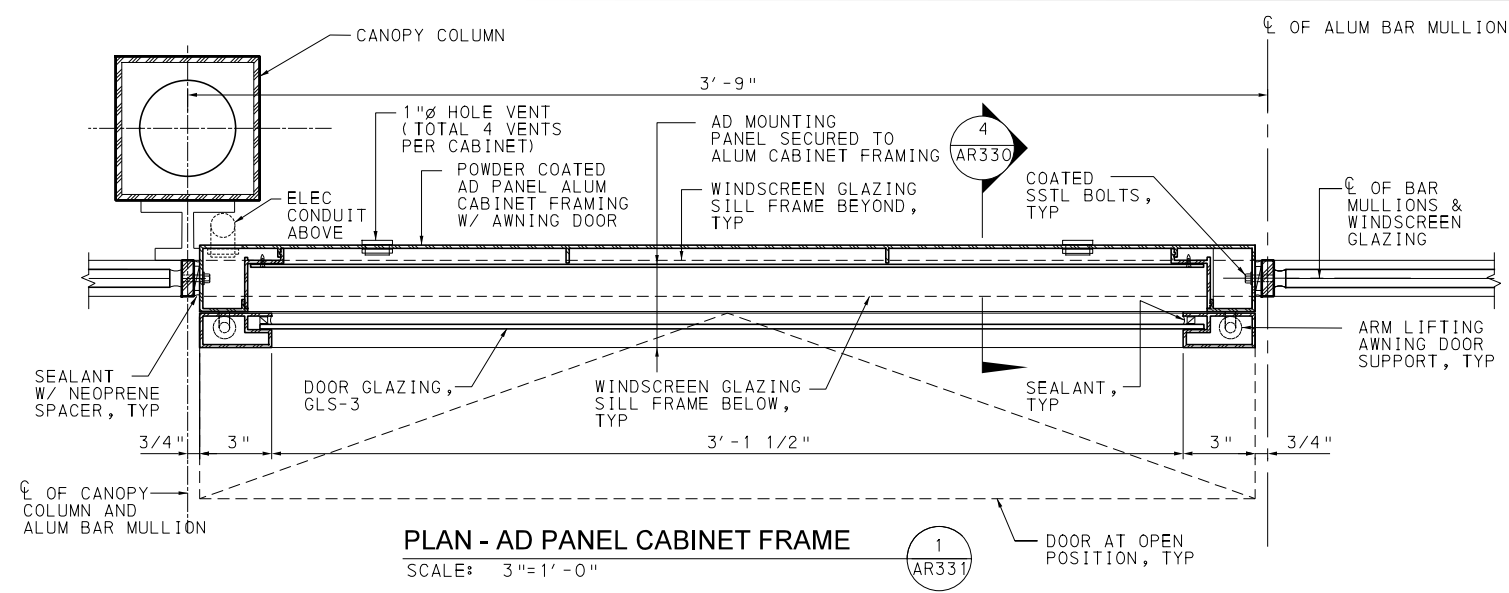
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ARCHITECTURAL PLANS
SIGNAGE & WAYFINDING

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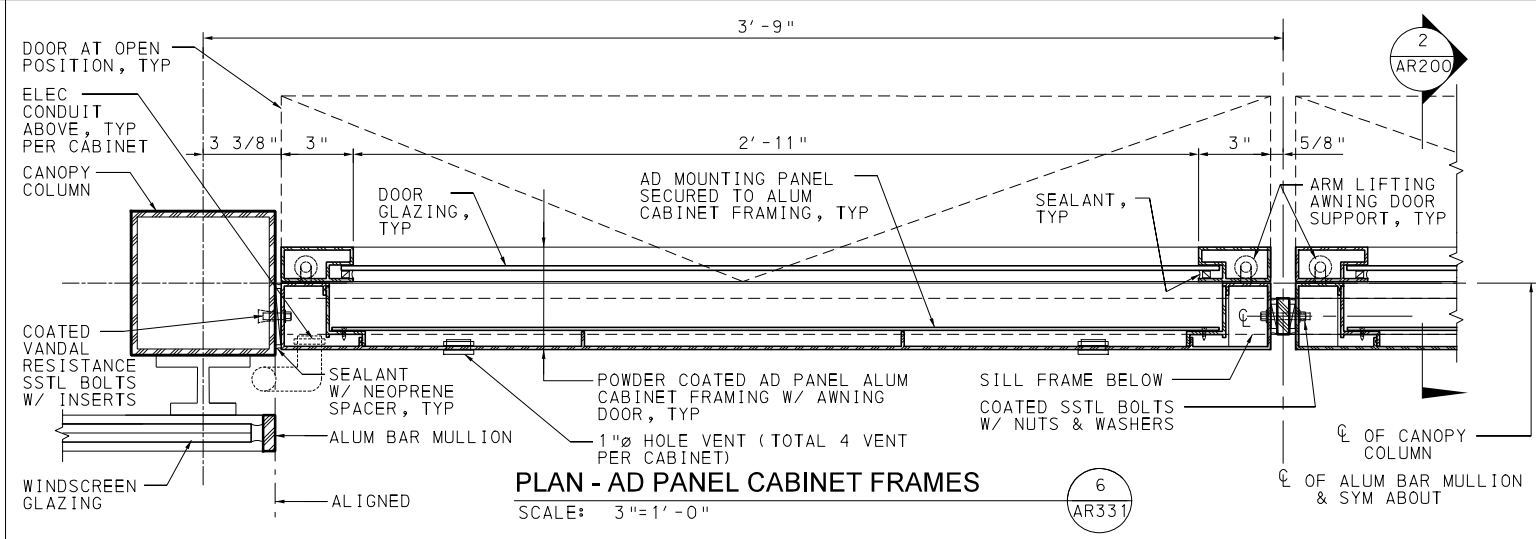
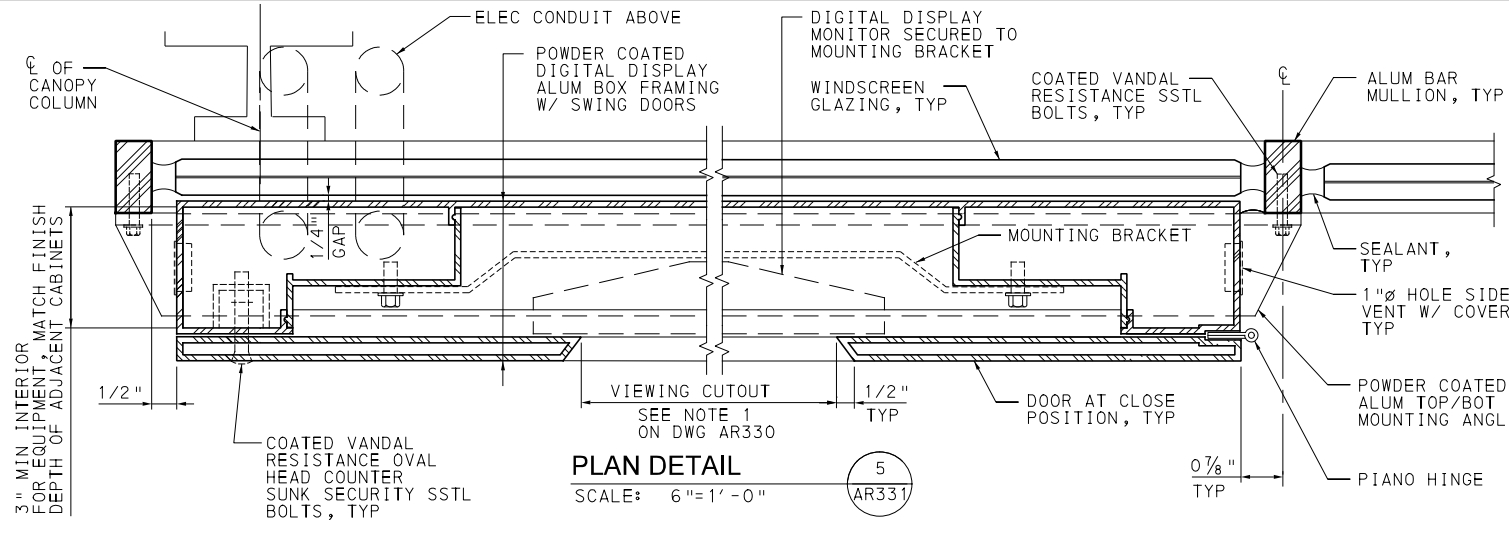
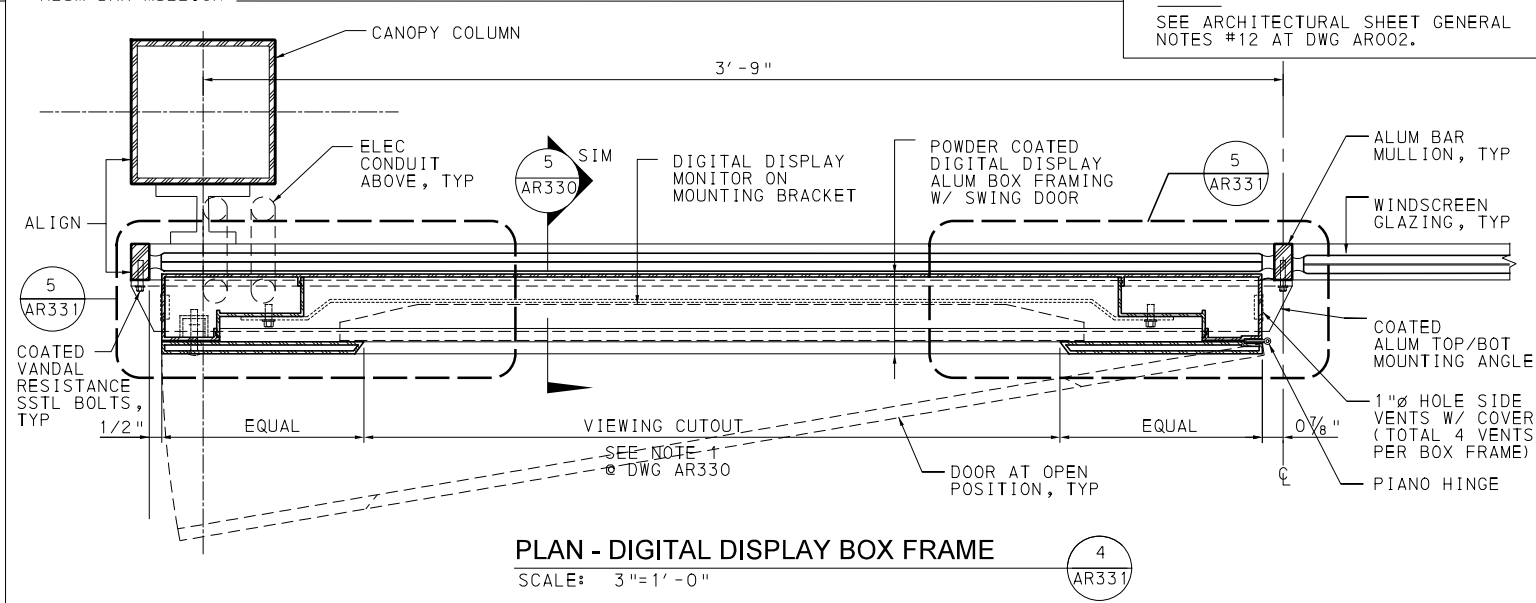
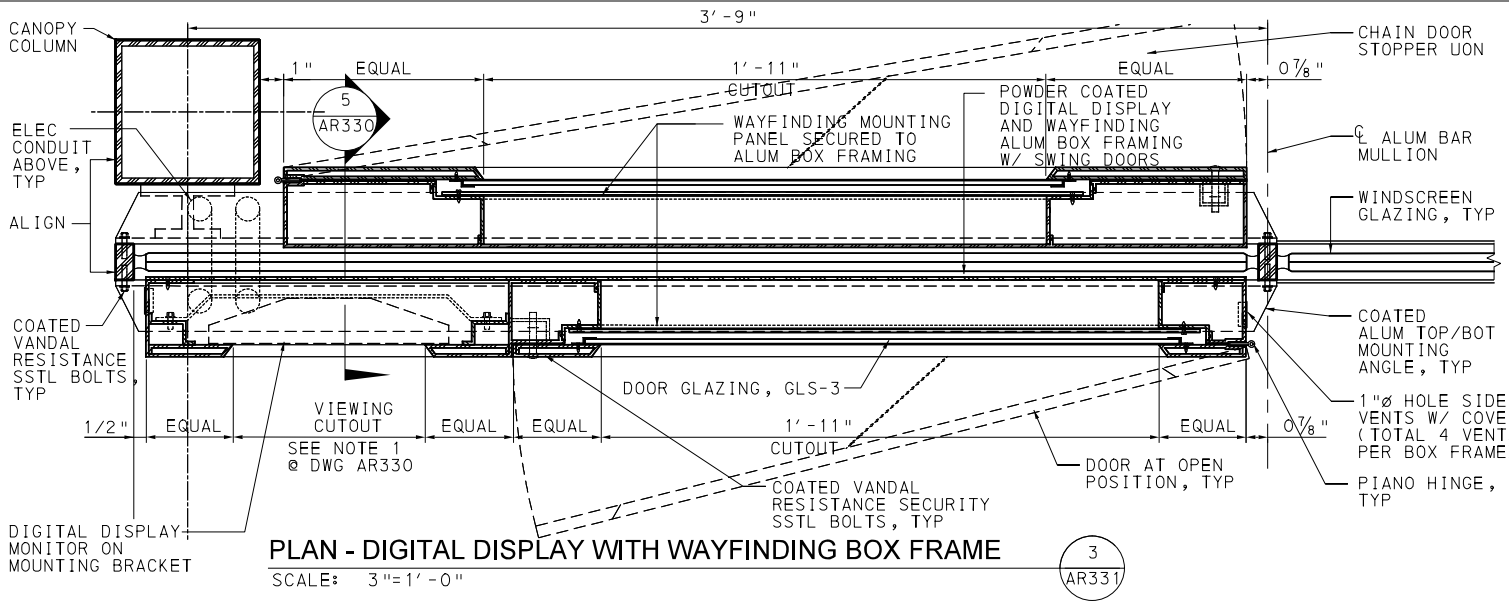
CONTRACT NO. BRT-001
DWG. NO. AR330 SHT. 782

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NOTE:
 SEE ARCHITECTURAL SHEET GENERAL NOTES #12 AT DWG ARO02.



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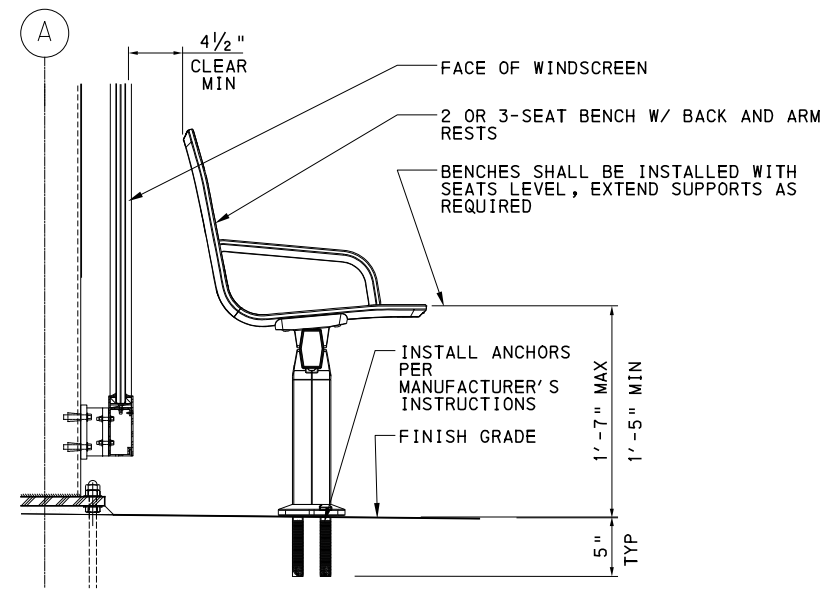
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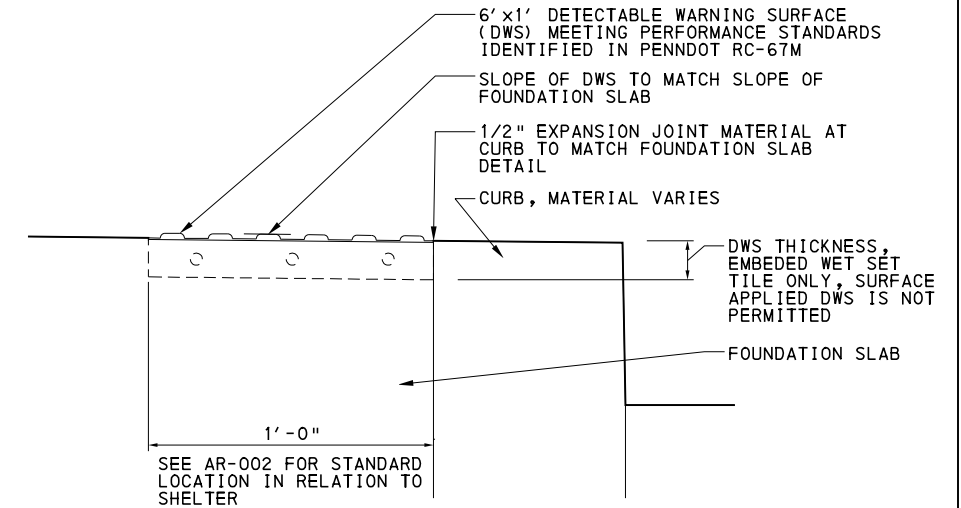
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 SHELTER SIGNAGE DETAILS

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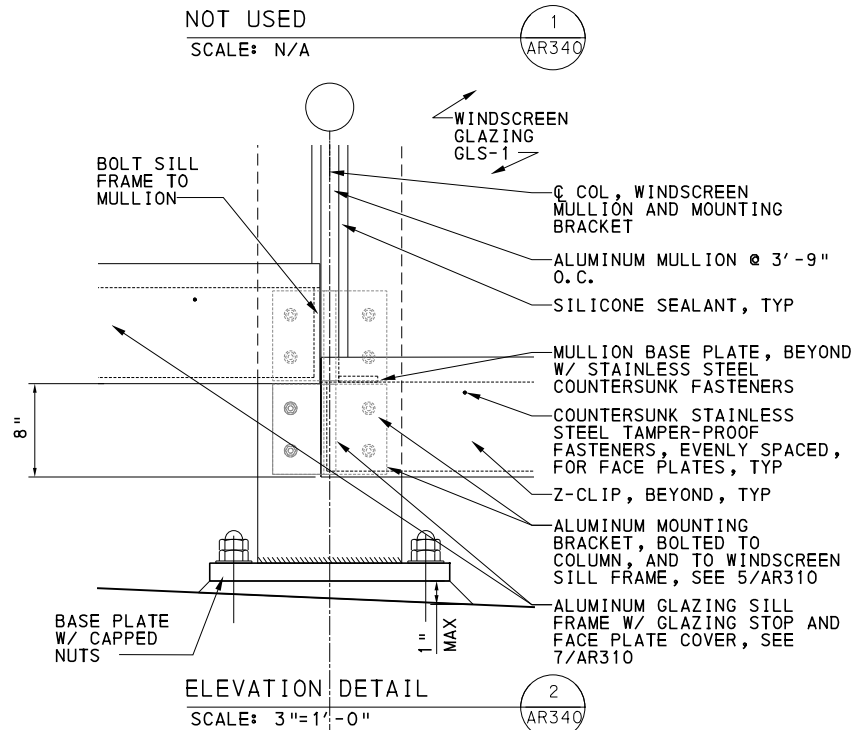
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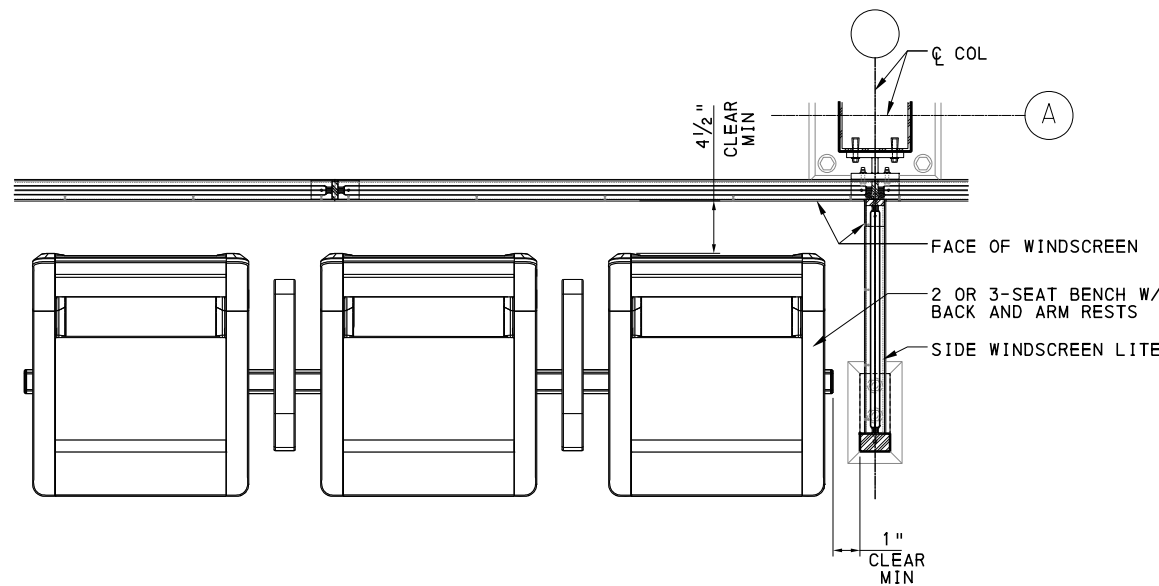
BENCH SECTION DETAIL
SCALE: N.T.S.



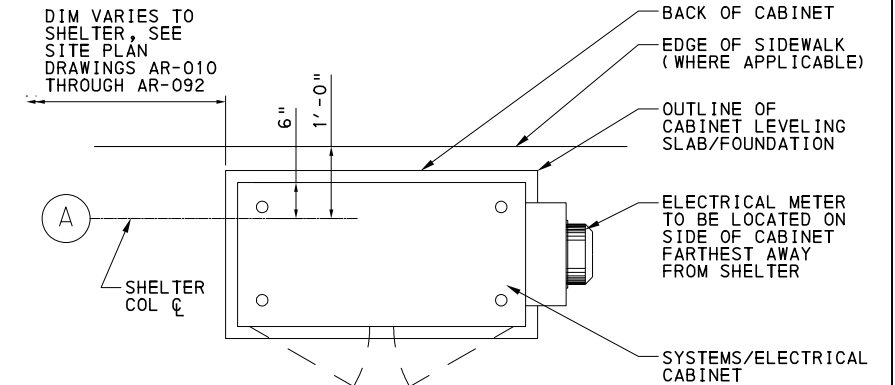
TACTILE BOARDING STRIP SECTION DETAIL
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ELEVATION DETAIL
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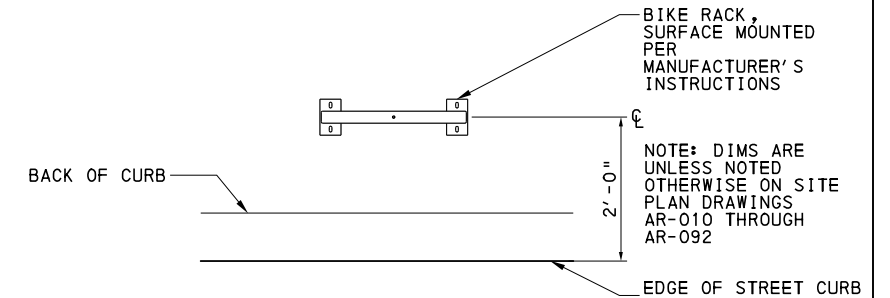


BENCH PLAN DETAIL
SCALE: N.T.S.



NOTE: DIMS TO COL CENTERLINE ARE UNLESS NOTED OTHERWISE ON SITE PLAN DRAWINGS AR-010 THROUGH AR-092

TYP CABINET LOCATION DETAIL
SCALE: N.T.S.



BIKE RACK PLAN DETAIL
SCALE: N.T.S.

NOTE:

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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
ARCHITECTURAL PLANS
MISC SHELTER & WINDSCREEN DETAILS



CONTRACT NO. BRT-001

DWG. NO. AR340 SHT. 784

ESTIMATE OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
02030.001	HAZARDOUS MATERIAL INVESTIGATION, SAMPLING AND REPORTING	LS	1
02030.002	ASBESTOS BULK SAMPLE ANALYSIS	EA	278
02030.003	LEAD PAINT CHIP SAMPLE ANALYSIS	EA	93
02030.004	MISCELLANEOUS UNFORESEEN HAZARDOUS MATERIALS SURVEY, SAMPLING, AND ANALYSIS	PDA	
02030.005	MISCELLANEOUS UNFORESEEN HAZARDOUS MATERIALS ABATEMENT	PDA	
02212.001	UNFORESEEN EXPLORATORY INVESTIGATIONS, AS-DIRECTED	PDA	
02212.003	VAULT EXPLORATION	EA	3
02212.008	VAULT SLAB THICKNESS EXPLORATORY DRILLING	EA	10
02216.001	UNFORESEEN WALL RESTORATION, AS DIRECTED	PDA	
02320.001	AASHTO NO. 57 COARSE AGGREGATE	CY	353
02320.006	PENNDOT TYPE D FLOWABLE BACKFILL	CY	67
02353.003	GEOTEXTILE, CLASS 4, TYPE C	SY	1261
02786.004	EXPOSED AGGREGATE CONCRETE, BROWN	CY	113
03305.001	CLASS A CONCRETE, STATION SLABS	CY	263
03305.002	CLASS AA CONCRETE MODIFIED, VAULT ROOF AND WALL	CY	52
03305.003	MISCELLANEOUS UNFORESEEN VAULT MODIFICATIONS, CLASS AA CONCRETE LIGHTWEIGHT, AS DIRECTED	PDA	
03305.004	CLASS AA CONCRETE LIGHTWEIGHT, VAULT HYDRODEMOLITION AND OVERLAY	SY	74
03305.005	CLASS AA CONCRETE LIGHTWEIGHT, VAULT SIDEWALK	CY	52
03305.006	CLASS A CONCRETE, RETAINING WALL	CY	97
05511.001	DLC LADDER	EA	1
08305.001	SIDEWALK HATCH	EA	15
08305.002	5 X 9 DLC HATCH	EA	2
08305.003	6 X 12 DLC HATCH	EA	1
08305.004	2' - 11" X 3' - 4" DLC HATCH	EA	1
08305.005	3 X 3 VAULT GRATE	EA	1

INCIDENTAL ITEMS (QUANTITY PROVIDED FOR INFORMATION ONLY)

ITEM NO.	EXCAVATION (1) CY	REINFORCEMENT BARS , EPOXY COATED LB	PROTECTIVE COATING (2) SY	UNIT
02786.004	228	13098	316	QUANTITY
03305.001	587	30025	732	

ITEM NO.	WATERPROOFING MEMBRANE SY	HYDRODEMOLITION SY	TEMPORARY SHORING (NUMBER OF LOCATIONS) NO	REINFORCEMENT BARS , EPOXY COATED LB	PROTECTIVE COATING (2) SY	REINFORCED CONCRETE CY	FABRICATED STEEL LB	DOWEL LB	UNIT
03305.002	0	0	0	9021	215	0	4415	0	QUANTITY
03305.004	0	74	2	986	74	0	0	0	
03305.005	302	0	0	3672	292	0	0	0	
08305.001	0	0	0	0	0	9	842	84	

NOTES:

1. QUANTITIES INCLUDE EXCAVATION OF CONCRETE SIDEWALK AND SUBBASE.
2. APPLY PROTECTIVE COATING TO TOP OF STATION SLAB. DO NOT APPLY PROTECTIVE COATING TO DETECTABLE WARNING SURFACES.



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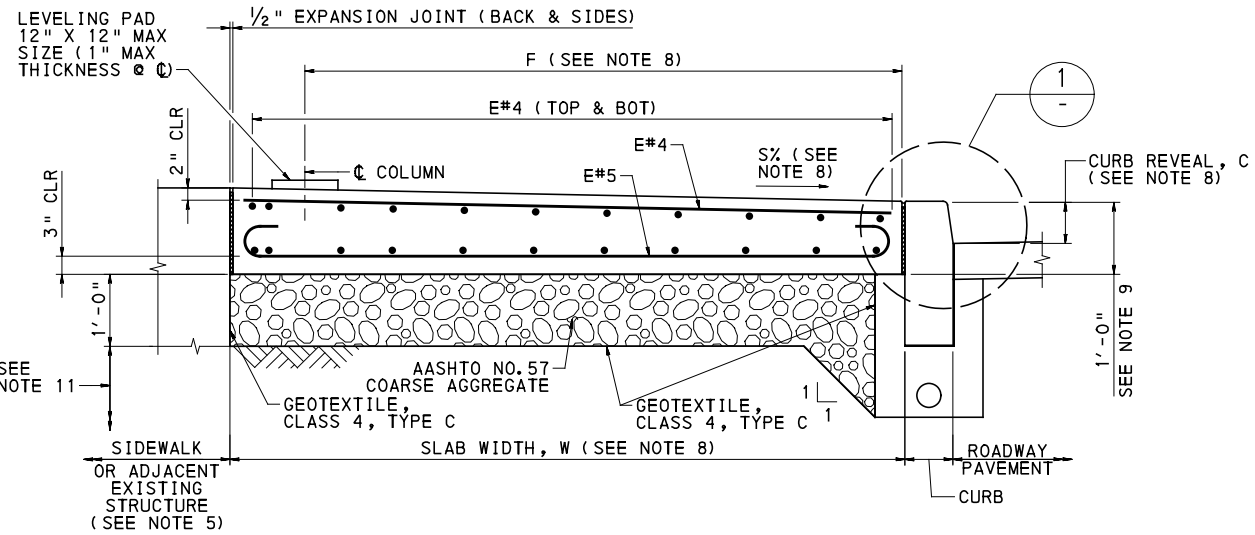
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PITTSBURGH PENNSYLVANIA

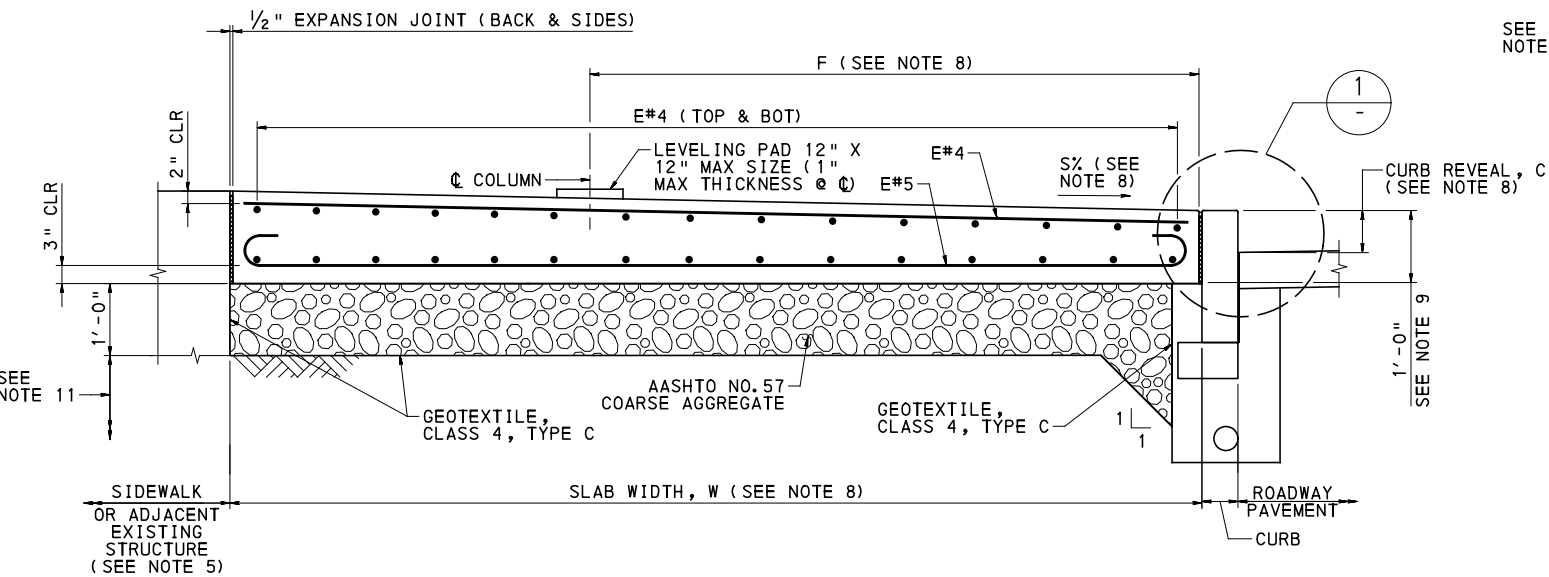
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STRUCTURAL PLANS
QUANTITIES

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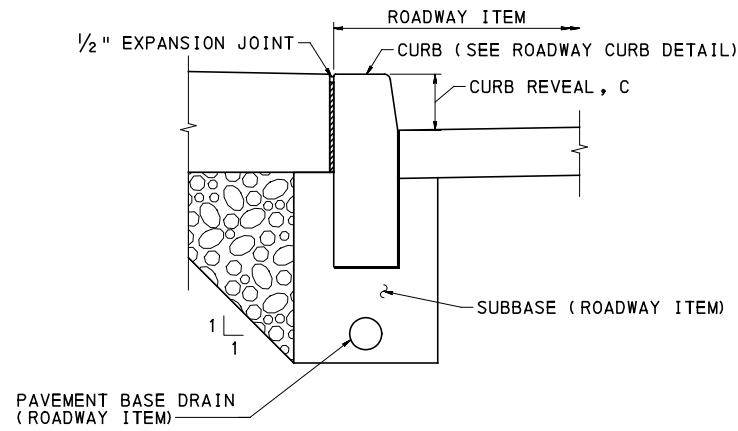
CONTRACT NO. BRT-001
DWG. NO. ST2 SHT. 786



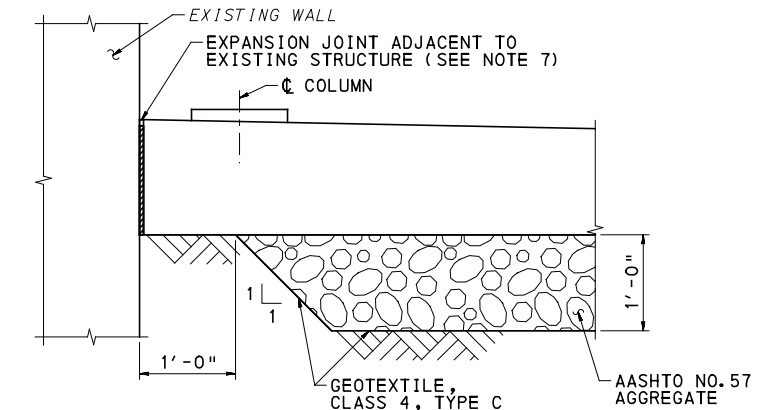
TYPICAL SECTION: CANTILEVER STATION SLAB



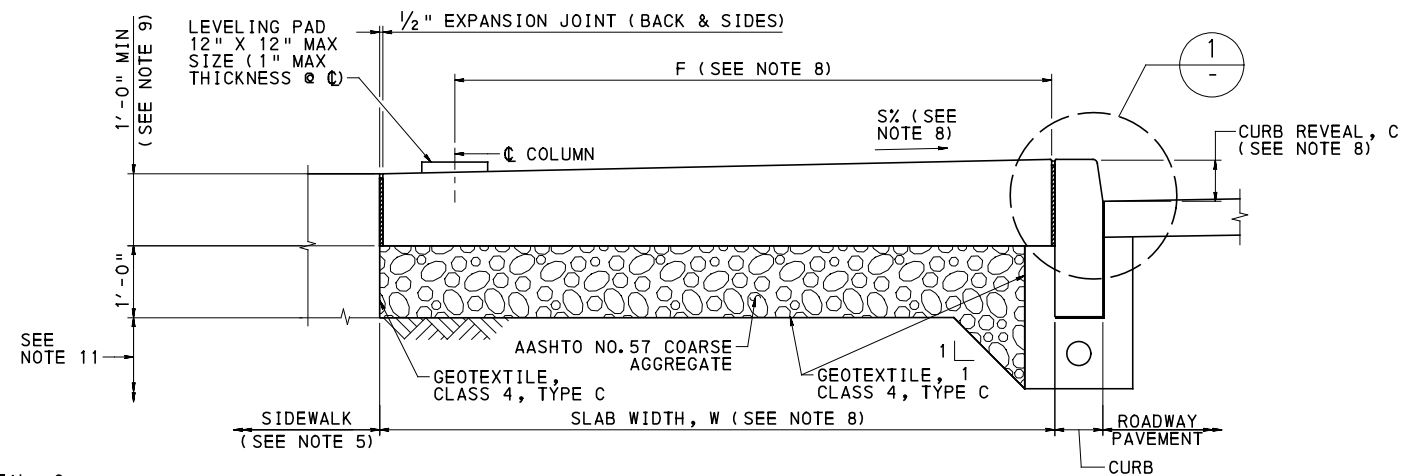
TYPICAL SECTION: GULL-WING STATION SLAB



DETAIL 1
REINFORCEMENT DETAILS ARE NOT REPEATED TO MAINTAIN CLARITY



DETAIL 2
(FOR EXCAVATION AND BACKFILL ADJACENT TO EXISTING WALLS)



TYPICAL SECTION: STATION SLAB SLOPING AWAY FROM CURB

(REINFORCEMENT DETAILS ARE NOT SHOWN FOR CLARITY)

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
- CURB TYPES SHOWN IN THE TYPICAL SECTIONS ARE FOR INFORMATION ONLY. SEE ROADWAY PLANS FOR ACTUAL CURB TYPE AT EACH STATION.
- OMIT EXPANSION JOINTS IN STATION SLABS PLACED ADJACENT TO SOIL.
- FOR STATION SLABS CONSTRUCTED ADJACENT TO RETAINING WALLS, EXCAVATE AND BACKFILL IN ACCORDANCE WITH DETAIL 2.
- FOR EXPANSION JOINT DETAIL SEE SHEET 796
- FOR DIMENSIONS SEE SHEET 793
- SLAB THICKNESS IS 1'-0" AT THE THINNER EDGE OF THE SLAB, EXCEPT AT TYPE 3 DRAINAGE LOCATIONS, WHERE THE SLAB THICKNESS IS 1'-1" AT THE THINNER EDGE.
- BOTTOM OF AASHTO NO. 57 COARSE AGGREGATE BEDDING AND BOTTOM OF THE SLAB SHALL BE HORIZONTAL.
- REFER TO ELECTRICAL PLANS AND CONTROL SYSTEMS PLANS FOR LAYOUT OF CONDUITS LOCATED BELOW AASHTO NO. 57 COARSE AGGREGATE BEDDING.



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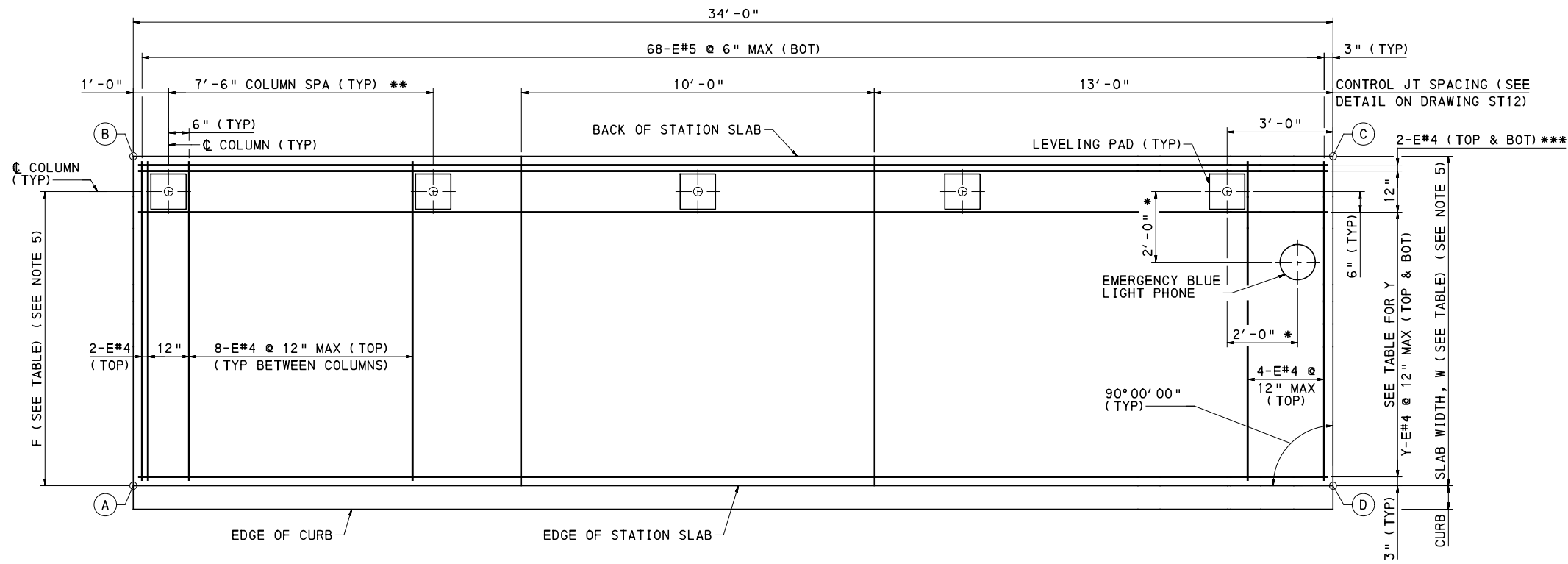
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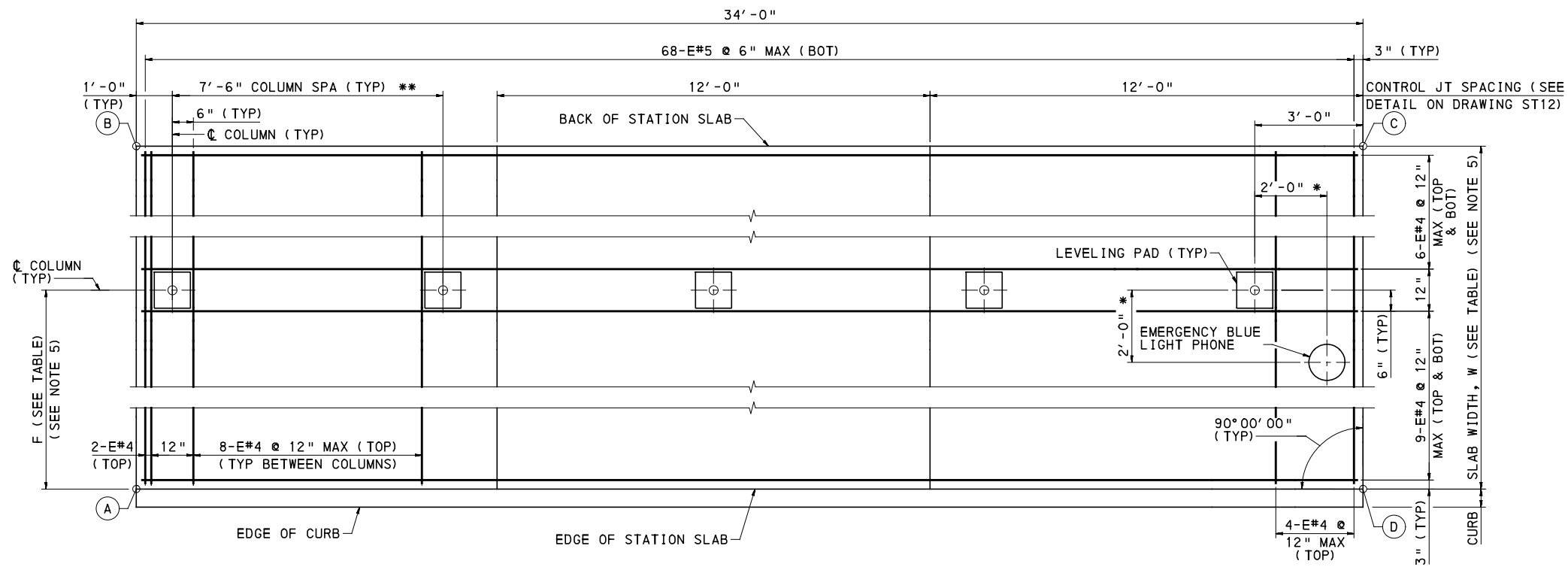
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BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS TYPICAL SLAB SECTIONS	
Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. ST3	SHT. 787



PLAN VIEW: 30' CANTILEVER STATION SLAB - TYPE 30-1

(DRAINAGE DETAILS ARE NOT SHOWN FOR CLARITY)



PLAN VIEW: 30' GULL-WING STATION SLAB - TYPE 30-2

(DRAINAGE DETAILS ARE NOT SHOWN FOR CLARITY)

* SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND EMERGENCY BLUE LIGHT PHONE ANCHOR BOLT DETAIL ON DRAWING ST12.

***3-E#4 FOR UPTOWN CENTRAL INBOUND STATION ONLY.

** COORDINATE ALL COLUMN LOCATIONS AND ANCHOR SPACINGS WITH SHELTER MANUFACTURER'S DRAWINGS.

NOTES:

1. FOR GENERAL NOTES SEE SHEET 785
2. FOR INDEX OF DRAWINGS SEE SHEETS 3-16
3. FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
4. FOR TYPICAL SECTION SEE SHEET 787
5. FOR STATION TABLES SEE SHEET 793
6. FOR DRAINAGE TYPES AND DETAILS SEE SHEETS 794 & 795



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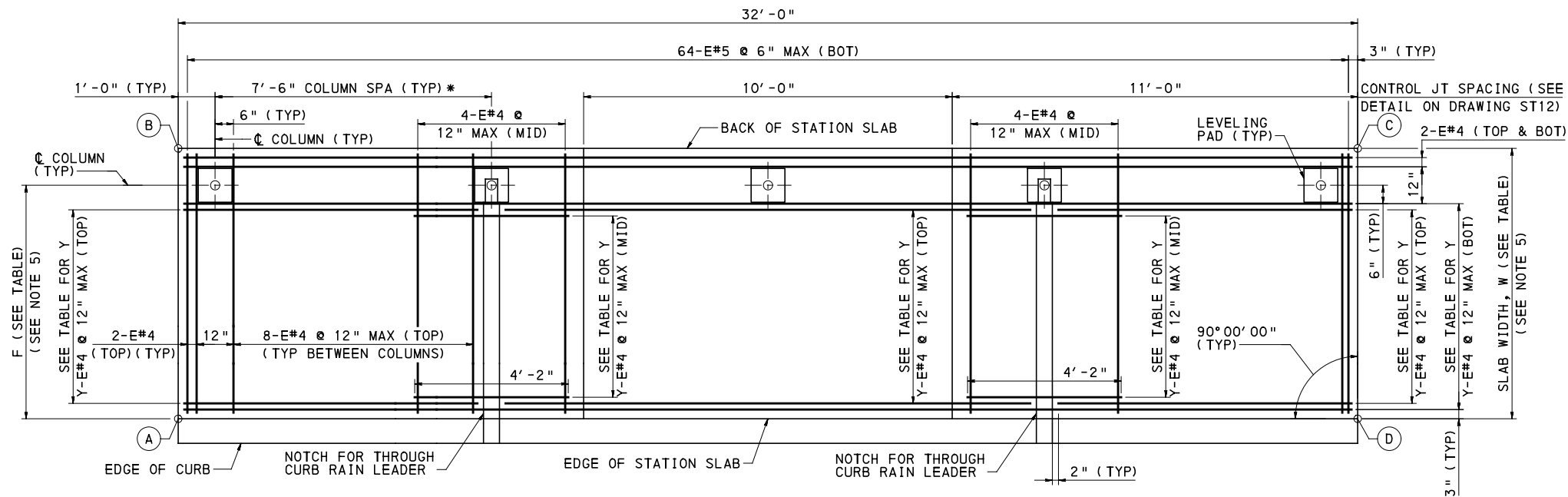
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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
BUS STATION 30' - PART 1

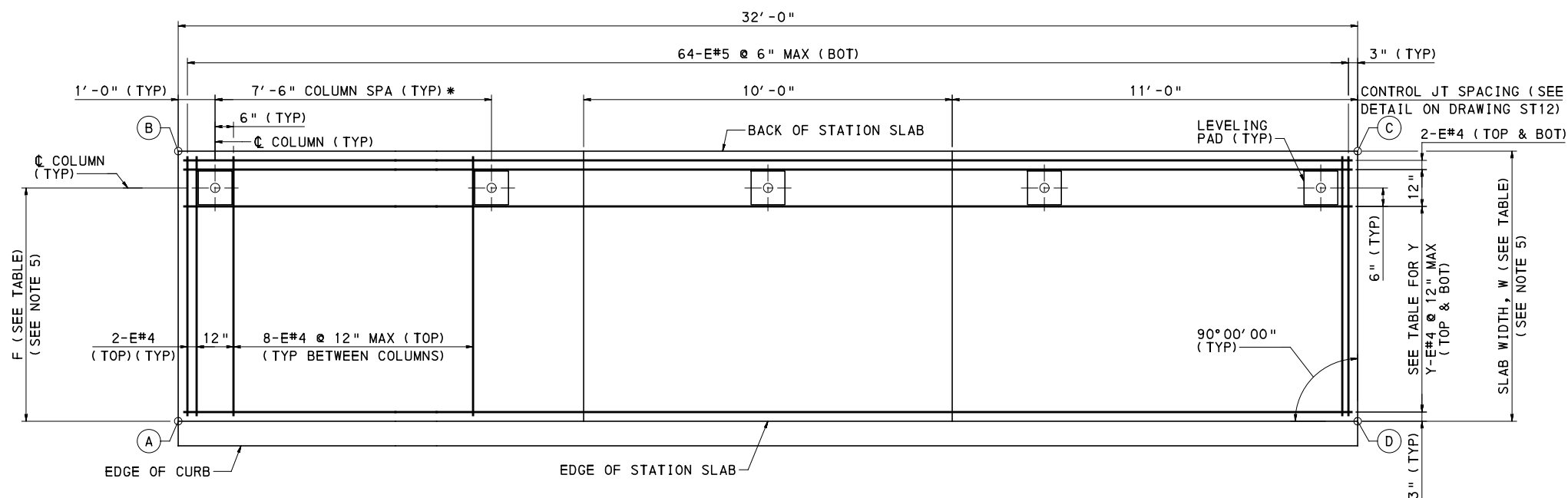
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PLAN VIEW: 30' CANTILEVER STATION SLAB - TYPE 30-3



PLAN VIEW: 30' CANTILEVER STATION SLAB - TYPE 30-4

(DRAINAGE DETAILS ARE NOT SHOWN FOR CLARITY)

* COORDINATE ALL COLUMN LOCATIONS AND ANCHOR SPACINGS WITH SHELTER MANUFACTURER'S DRAWINGS.

NOTES:

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2. FOR INDEX OF DRAWINGS SEE SHEETS 3-16
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4. FOR TYPICAL SECTION SEE SHEET 787
5. FOR STATION TABLES SEE SHEET 793
6. FOR DRAINAGE TYPES AND DETAILS SEE SHEETS 794 & 795



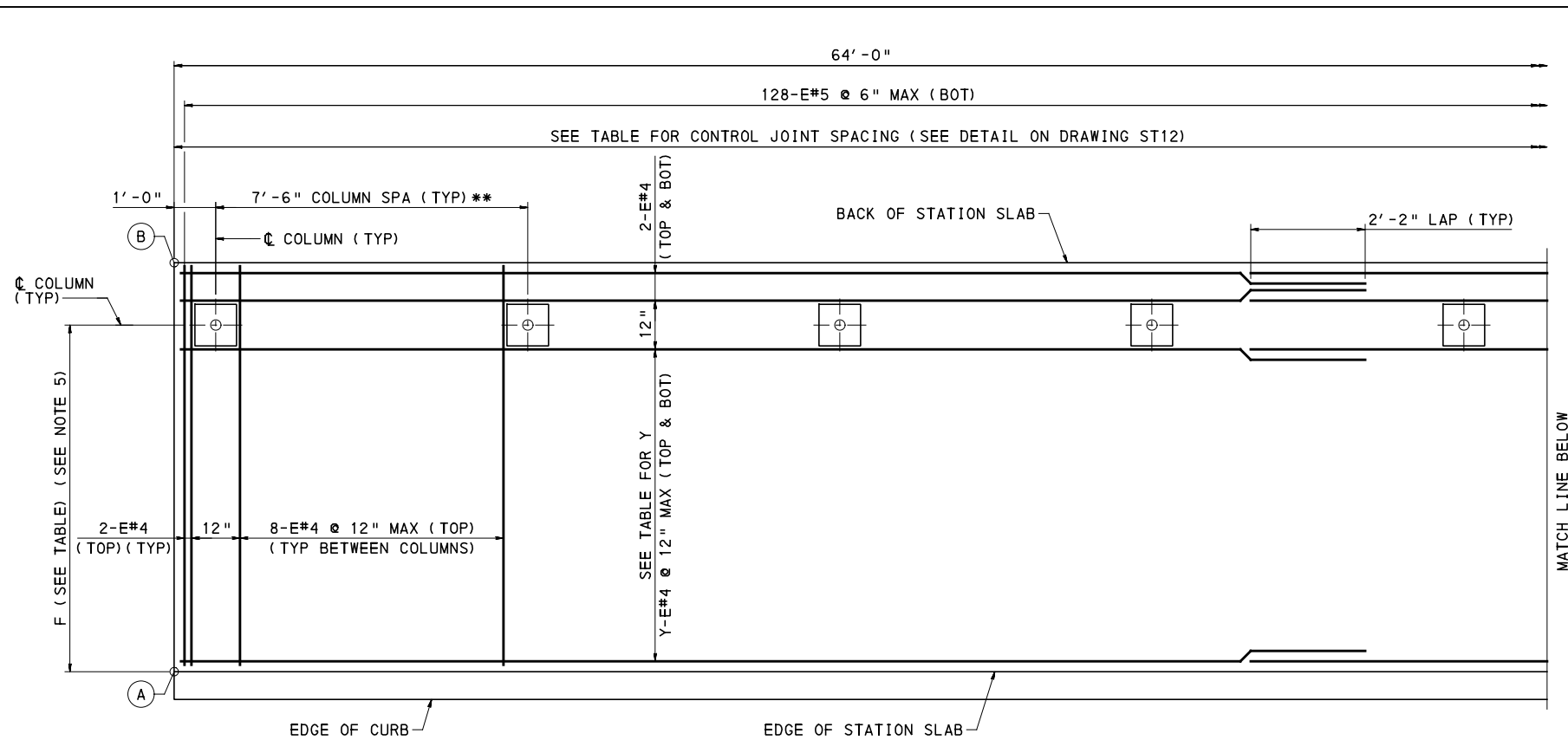
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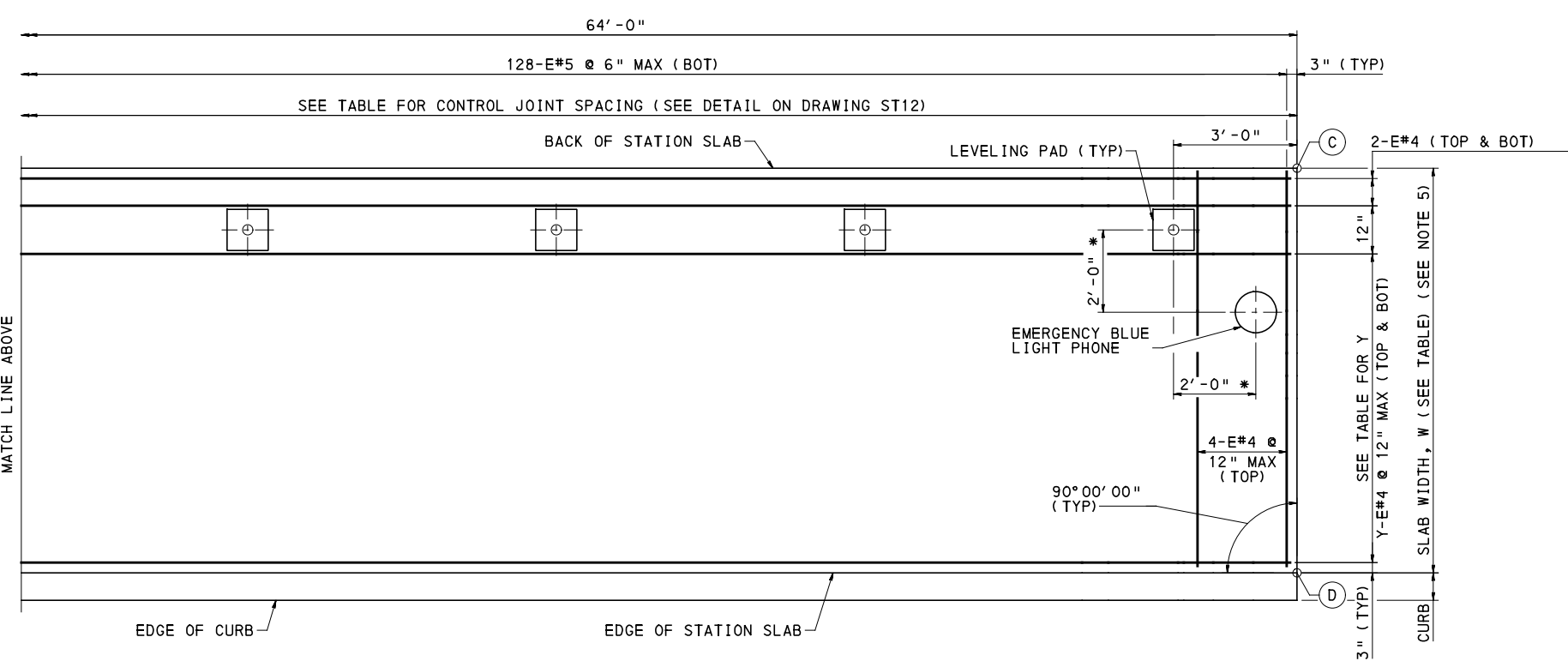
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. ST5 SHT. 789



CONTROL JT SPACING (FT-IN)							
1	2	3	4	5	6	7	8
9'-6"	7'-6"	7'-6"	7'-6"	7'-6"	7'-6"	7'-6"	9'-6"



PLAN VIEW: 60' CANTILEVER STATION SLAB - TYPE 60-1
 (DRAINAGE DETAILS ARE NOT SHOWN FOR CLARITY)

* SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND EMERGENCY BLUE LIGHT PHONE ANCHOR BOLT DETAIL ON DRAWING ST12.

** COORDINATE ALL COLUMN LOCATIONS AND ANCHOR SPACINGS WITH SHELTER MANUFACTURER'S DRAWINGS.

- NOTES:**
- FOR GENERAL NOTES SEE SHEET 785
 - FOR INDEX OF DRAWINGS SEE SHEETS 3-16
 - FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
 - FOR TYPICAL SECTION SEE SHEET 787
 - FOR STATION SLAB TABLES SEE SHEET 793
 - FOR DRAINAGE TYPES AND DETAILS SEE SHEETS 794 & 795



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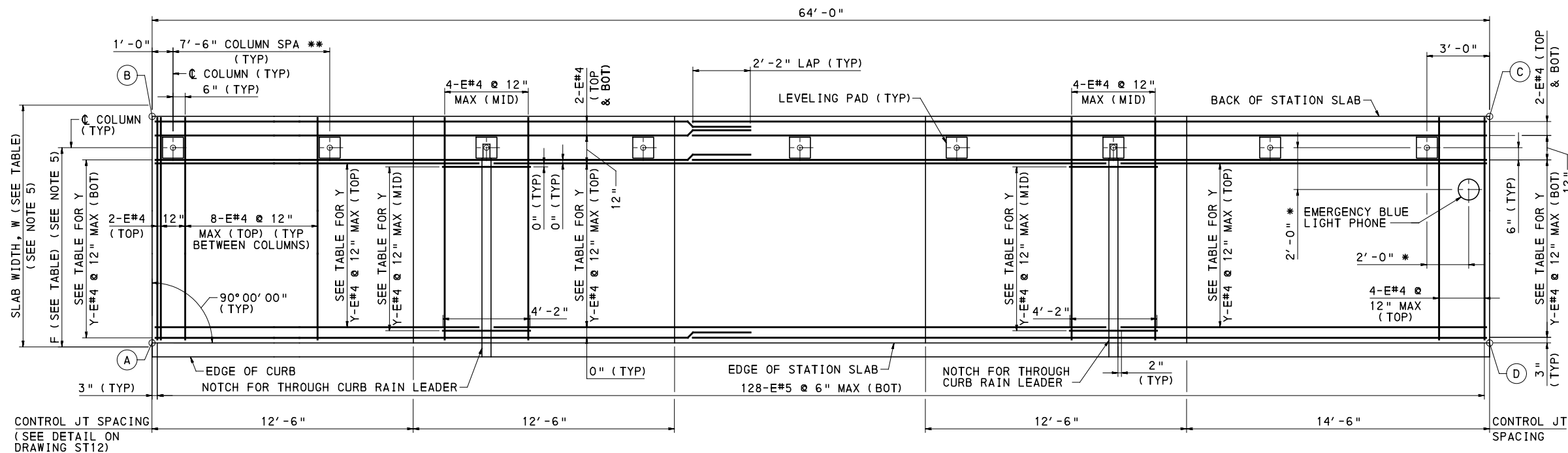
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 STRUCTURAL PLANS
 BUS STATION 60' - PART 1

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. ST6 SHT. 790

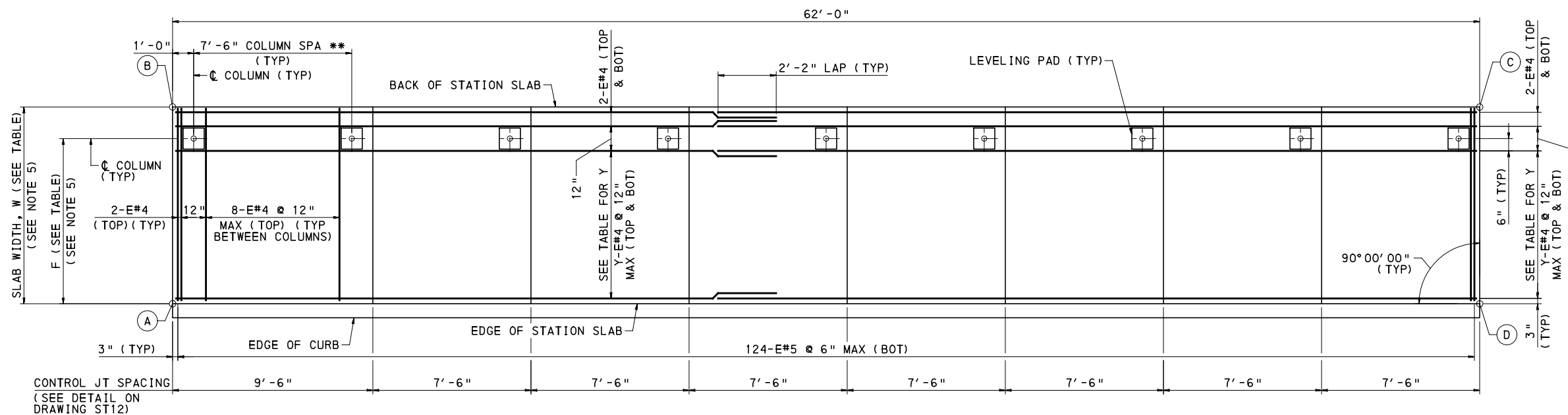


PLAN VIEW: 60' CANTILEVER STATION SLAB - TYPE 60-2

* SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND EMERGENCY BLUE LIGHT PHONE ANCHOR BOLT DETAIL ON DRAWING ST12.

NTS

** COORDINATE ALL COLUMN LOCATIONS AND ANCHOR SPACINGS WITH SHELTER MANUFACTURER'S DRAWINGS.



PLAN VIEW: 60' CANTILEVER STATION SLAB - TYPE 60-3

(DRAINAGE DETAILS ARE NOT SHOWN FOR CLARITY)

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
- FOR TYPICAL SECTION SEE SHEET 787
- FOR STATION SLAB TABLES SEE SHEET 793
- FOR DRAINAGE TYPES AND DETAILS SEE SHEETS 794 & 795



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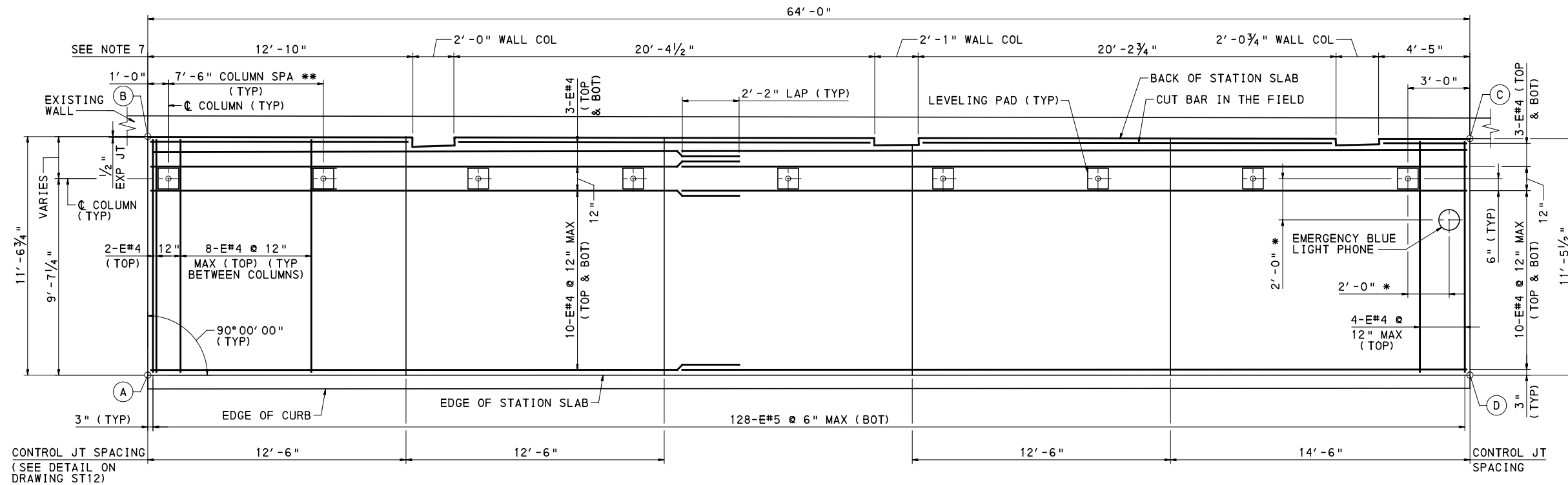
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
BUS STATION 60' - PART 2

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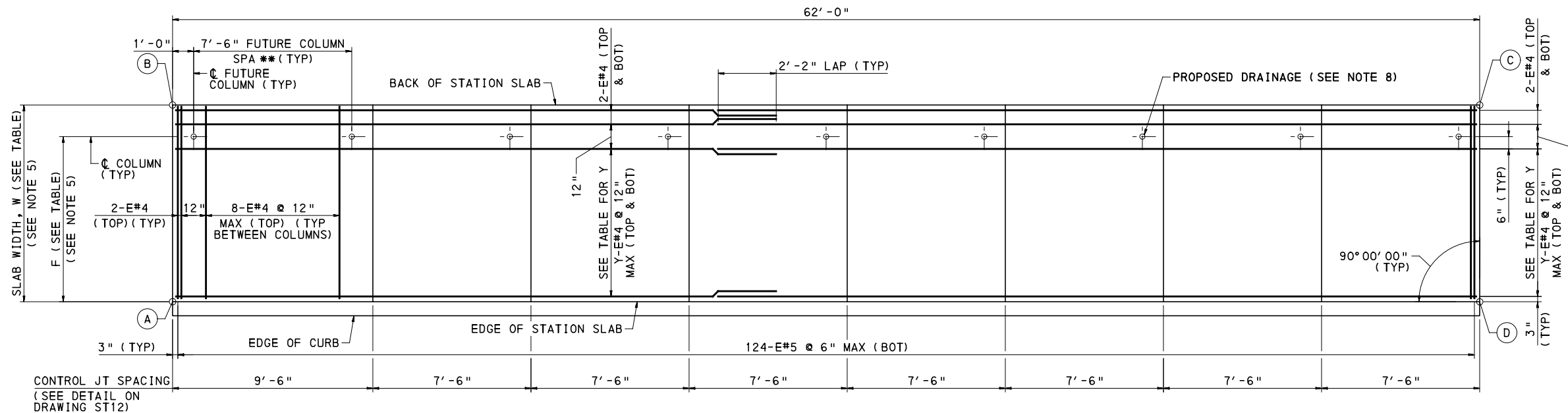


PLAN VIEW: 60' CANTILEVER STATION SLAB - TYPE 60-4
(DRAINAGE DETAILS ARE NOT SHOWN FOR CLARITY)

* SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND EMERGENCY BLUE LIGHT PHONE ANCHOR BOLT DETAIL ON DRAWING ST12.

** COORDINATE ALL COLUMN LOCATIONS AND ANCHOR SPACINGS WITH SHELTER MANUFACTURER'S DRAWINGS.

*** INSTALLATION OF ANCHOR BOLTS, LEVELING PAD OR BUS SHELTER AT THIS LOCATION IS NOT PART OF THIS CONTRACT.



PLAN VIEW: 60' CANTILEVER STATION SLAB - TYPE 60-5***
NTS

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
- FOR TYPICAL SECTION SEE SHEET 787
- FOR STATION SLAB TABLES SEE SHEET 793
- FOR DRAINAGE TYPES AND DETAILS SEE SHEETS 794 & 795
- FIELD VERIFY AND ADJUST DIMENSIONS AS NECESSARY.
- CONDUIT AND RAIN LEADERS SHALL TERMINATE AT TOP OF STRUCTURAL SLAB AND BE COVERED WITH CAP INSTALLED FLUSH WITH SIDEWALK TO PREVENT TRIPPING HAZARDS.



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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 STRUCTURAL PLANS
 BUS STATION 60' - PART 3

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. ST8 SHT. 792

30' STATION SLAB TABLE

STATION NAME	BASELINE	LOC (A)		LOC (D)		ELEVATION (SEE NOTE 6)				W	Y	F	S	C	SLAB TYPE	DRAINAGE TYPE	FINISH	RDWY SHT
		STA	OFF	STA	OFF	AT (A)	AT (B)	AT (C)	AT (D)									
UPTOWN WEST STATION INBOUND	FIFTH AVE CONSTR	442+06.41	23.67 LT	442+40.41	23.67 LT	776.35	776.17	777.17	777.26	9'-4"	9	8'-4"	-1.45%	7"	30-1	TYPE 4	CONCRETE	366
PRIDE ST STATION INBOUND	FIFTH AVE CONSTR	455+60.81	18.67 LT	455+94.81	18.67 LT	811.43	811.50	812.38	812.30	7'-4"	7	6'-4"	1.02%	7"	30-1	TYPE 2	CONCRETE	369
UPTOWN CENTRAL STATION INBOUND	FIFTH AVE CONSTR	467+81.29	18.67 LT	468+15.29	18.67 LT	841.01	841.18	842.05	841.89	11'-4 3/8"	11	9'-10 3/4"	1.45%	7"	30-1	TYPE 2	CONCRETE	371
JUMONVILLE ST STATION INBOUND	FIFTH AVE CONSTR	476+13.84	9.84 LT	476+47.84	9.84 LT	850.62	850.43	849.64	849.83	9'-4"	9	8'-4"	-2.04%	4"	30-1	TYPE 1	CONCRETE	373
SOHO STATION INBOUND	FIFTH AVE CONSTR	492+06.95	18.67 LT	492+40.95	18.67 LT	821.97	822.18	823.53	823.32	10'-6 1/2"	10	9'-6 1/2"	1.91%	7"	30-1	TYPE 1	CONCRETE	376
WEST OAKLAND STATION INBOUND	FIFTH AVE CONSTR	516+92.85	21.28 LT	517+25.69	19.95 LT	921.21	921.30	922.38	922.29	8'-6"	8	7'-6"	1.06%	7"	30-1	TYPE 1	CONCRETE	380
BIGELOW BLVD STATION INBOUND	FIFTH AVE CONSTR	550+89.63	24.00 LT	551+23.63	24.00 LT	916.68	916.96	916.13	915.94	13'-6"	SEE DWG ST4	8'-4"	1.74%	7"	30-2	TYPE 1	CONCRETE	386
UPTOWN CENTRAL STATION OUTBOUND	FORBES AVE CONSTR	155+30.92	18.67 RT	154+98.92	18.67 RT	828.07	828.19	827.38	827.26	11'-6"	11	10'-6"	1.04%	4"	30-3	TYPE 3	CONCRETE	397
JUMONVILLE ST STATION OUTBOUND	FORBES AVE CONSTR	165+92.17	18.67 RT	165+60.17	18.67 RT	829.41	829.53	830.15	830.04	11'-0 1/2"	11	10'-0 1/2"	1.04%	4"	30-3	TYPE 3	CONCRETE	399
SOHO STATION OUTBOUND	FORBES AVE CONSTR	176+62.45	22.48 RT	176+30.46	22.03 RT	780.77	780.87	782.61	782.51	9'-4"	9	8'-4"	1.07%	7"	30-4	TYPE 2	CONCRETE	401

60' STATION SLAB TABLE

STATION NAME	BASELINE	LOC (A)		LOC (D)		ELEVATION (SEE NOTE 6)				W	Y	F	S	C	SLAB TYPE	DRAINAGE TYPE	FINISH	RDWY SHT
		STA	OFF	STA	OFF	AT (A)	AT (B)	AT (C)	AT (D)									
CHESTERFIELD RD STATION INBOUND	FIFTH AVE CONSTR	527+24.56	22.55 LT	527+88.56	22.55 LT	932.74	932.95	933.43	933.30	10'-6 3/4"	11	9'-6 3/4"	1.61%	7"	60-1	TYPE 1	CONCRETE	382
TENNYSON AVE STATION INBOUND	FIFTH AVE CONSTR	560+47.01	22.67 LT	561+11.01	22.67 LT	917.23	917.35	918.00	917.96	9'-4"	9	8'-4"	0.86%	7"	60-1	TYPE 1	CONCRETE	388
UPTOWN WEST STATION OUTBOUND	FORBES AVE CONSTR	130+32.19	17.17 RT	129+68.19	17.17 RT	801.49	801.58	800.90	800.81	9'-4"	9	8'-4"	0.96%	4"	60-2	TYPE 3	BROWN EXPOSED AGGREGATE	392
PRIDE ST STATION OUTBOUND	FORBES AVE CONSTR	145+20.58	20.37 RT	144+56.58	20.94 RT	804.28	804.39	803.49	803.37	VARIES SEE DWG ST9	-	9'-7 1/4"	1.00%	7"	60-4	TYPE 2	CONCRETE	395
WEST OAKLAND STATION OUTBOUND	SR 2108 FORBES AVE CONSTR	212+45.37	21.54 RT	211+81.37	21.09 RT	914.10	914.22	912.23	912.11	8'-0"	8	7'-0"	1.50%	7"	60-1	TYPE 2	CONCRETE	405
MCKEE PL STATION OUTBOUND	SR 2108 FORBES AVE CONSTR	224+84.88	21.03 RT	224+20.88	20.86 RT	907.27	907.41	906.60	906.46	9'-4"	9	8'-4"	1.50%	7"	60-1	TYPE 2	CONCRETE	408
CENTRAL OAKLAND STATION 1 OUTBOUND	SR 2108 FORBES AVE CONSTR	236+59.99	21.59 RT	235+95.99	21.55 RT	911.87	911.99	912.78	912.68	VARIES 8'-4 1/2" TO 8'-3 3/4"	8	7'-2 1/2"	1.32%	7"	60-1	TYPE 2	BROWN EXPOSED AGGREGATE	410
CENTRAL OAKLAND STATION 2 OUTBOUND	SR 2108 FORBES AVE CONSTR	237+34.99	21.65 RT	236+72.99	21.60 RT	910.68	910.81	911.80	911.68	VARIES 8'-3 5/8" TO 8'-2 3/4"	8	7'-2 1/2"	1.51%	7"	60-3	TYPE 2	BROWN EXPOSED AGGREGATE	410
BIGELOW BLVD STATION 1 OUTBOUND	SR 2108 FORBES AVE CONSTR	245+80.25	18.29 RT	245+18.25	18.19 RT	898.45	898.34	899.29	899.35	9'-4"	9	8'-4"	-0.91%	5 1/2"	60-5	TYPE 1	BROWN EXPOSED AGGREGATE	412
BIGELOW BLVD STATION 2 OUTBOUND	SR 2108 FORBES AVE CONSTR	246+50.44	18.39 RT	245+86.44	18.30 RT	897.50	897.36	898.22	898.36	9'-4"	9	8'-4"	-1.50%	5 1/2"	60-1	TYPE 1	BROWN EXPOSED AGGREGATE	412

C = CURB REVEAL
 W = SLAB WIDTH, VARYING DIMENSIONS VARY FROM STA BACK TO STA AHEAD
 Y = NUMBER OF LONGITUDINAL BARS AS DEFINED IN PLAN VIEW
 F = OFFSET FROM EDGE OF STATION SLAB TO CENTERLINE OF COLUMN
 S = AVERAGE TRANSVERSE SLOPE

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- FOR 30' STATION PLAN SEE SHEETS 788-789
- FOR 60' STATION PLAN SEE SHEETS 790-792
- FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
- FOR DRAINAGE TYPES AND DETAILS SEE SHEETS 794 & 795
- VARY ELEVATIONS LINEARLY BETWEEN CORNERS, UNLESS THE STATION SLAB TIES IN TO EXISTING SIDEWALK, IN WHICH CASE MATCH ELEVATIONS OF EXISTING SIDEWALK.



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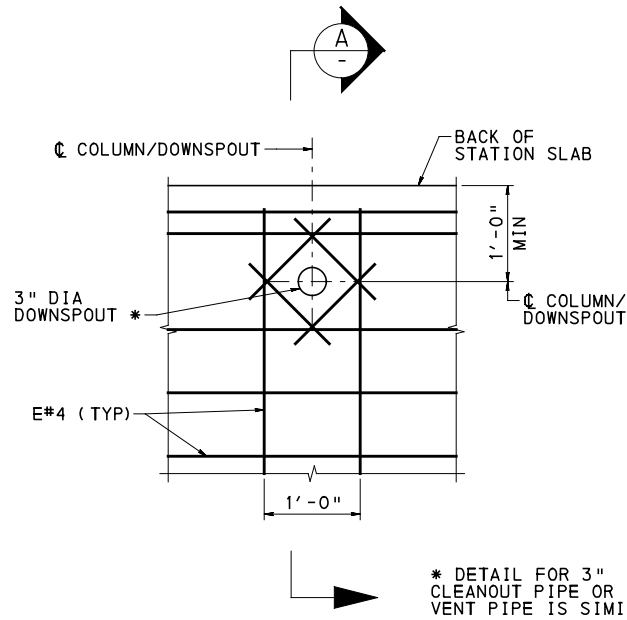
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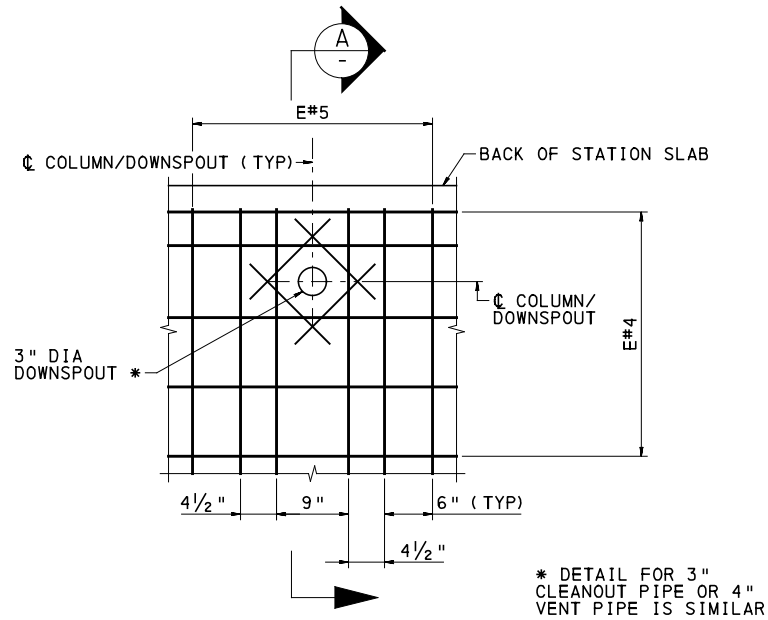
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 BUS STATION TABLES

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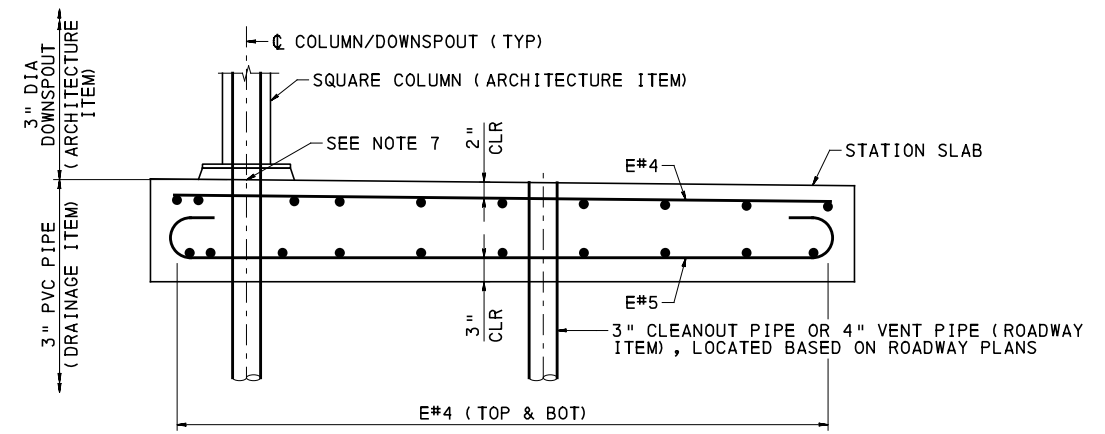
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PLAN VIEW: TOP MAT
 0 1 2 FEET

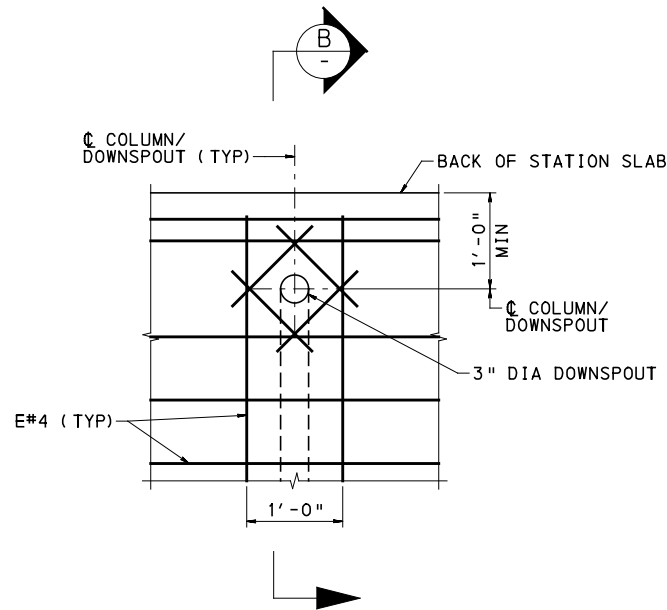


PLAN VIEW: BOTTOM MAT
 0 1 2 FEET

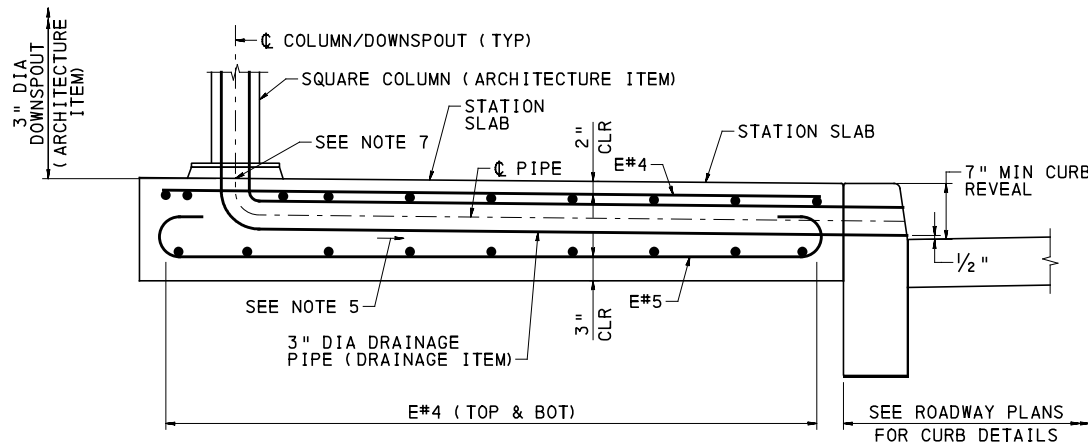


SECTION A
 0 1 2 FEET

DRAINAGE TYPE 1 - 3" DIA DRAINAGE PIPE

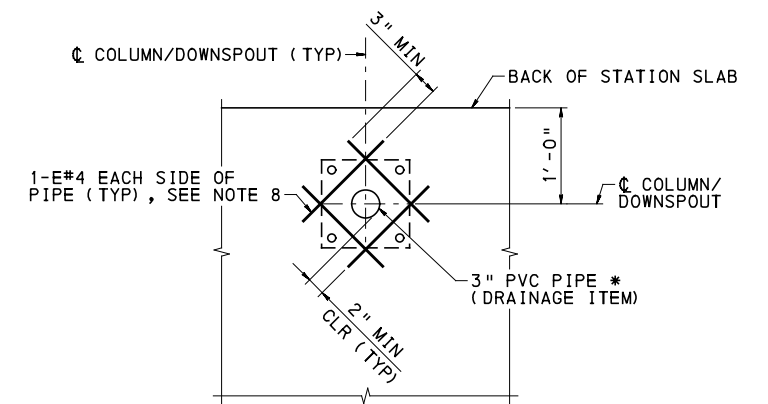


PLAN VIEW: TOP MAT
 0 1 2 FEET



SECTION B
 0 1 2 FEET

DRAINAGE TYPE 2 - 3" DIA DRAINAGE PIPE



TYPICAL REINFORCEMENT AROUND 3" PVC PIPE
 (APPLICABLE TO DRAINAGE TYPES 1 AND 2)

0 1 2 FEET

* DETAIL FOR 3" CLEANOUT PIPE OR 4" VENT PIPE IS SIMILAR

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR TYPICAL SECTION SEE SHEET 787
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
- THE 3" DIA DRAINAGE PIPE IN THE SLAB SHALL HAVE A MINIMUM PIPE SLOPE OF 1.0%.
- LOCATE THE 3" DIA DRAINAGE PIPE ELBOW SUCH THAT CONNECTING DOWNSPOUT IS LOCATED IN THE CENTER OF THE STATION COLUMN.
- PROVIDE A JOINT IN THE EMBEDDED PIPE AND CAP THE OPEN END. CAP IS TO BE FLUSH WITH FINISHED TOP OF SLAB. CAP IS TO REMAIN IN PLACE UNTIL DOWNSPOUTS AND COLUMNS ARE READY TO BE INSTALLED.
- FOR TYPE 1 DRAINAGE, PLACE 1 SET OF DIAGONAL BARS EACH INSIDE TOP AND BOTTOM MATS OF REINFORCEMENT. FOR TYPE 2 DRAINAGE, PLACE 1 SET OF DIAGONAL BARS ABOVE TOP MAT OF REINFORCEMENT.



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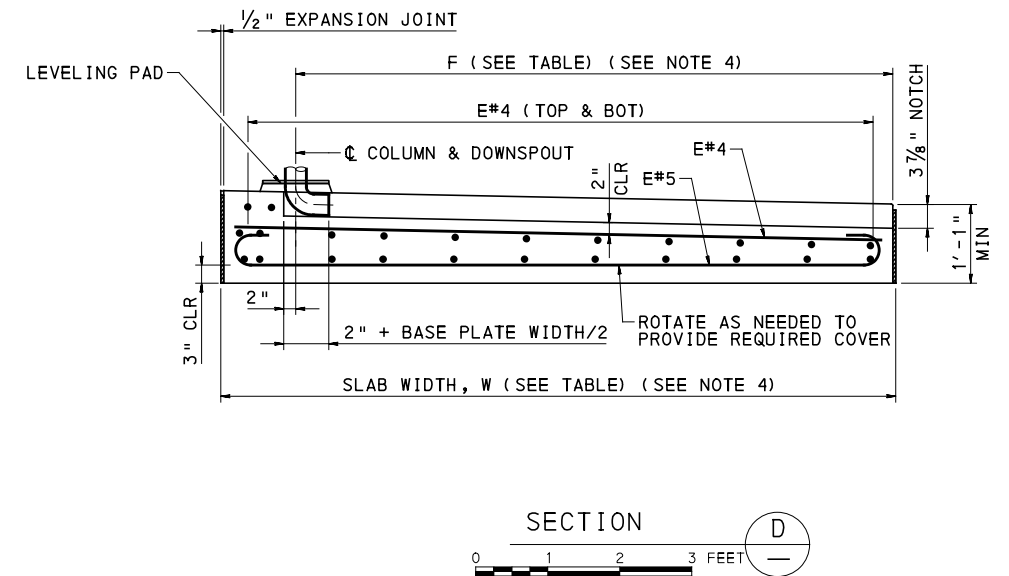
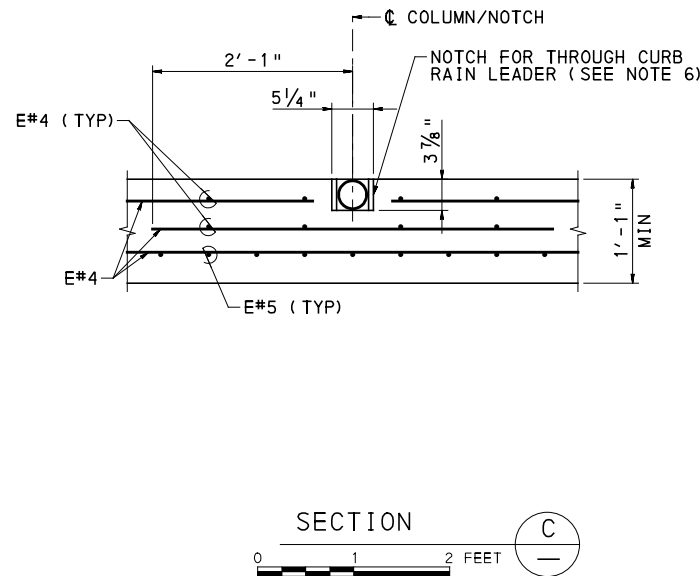
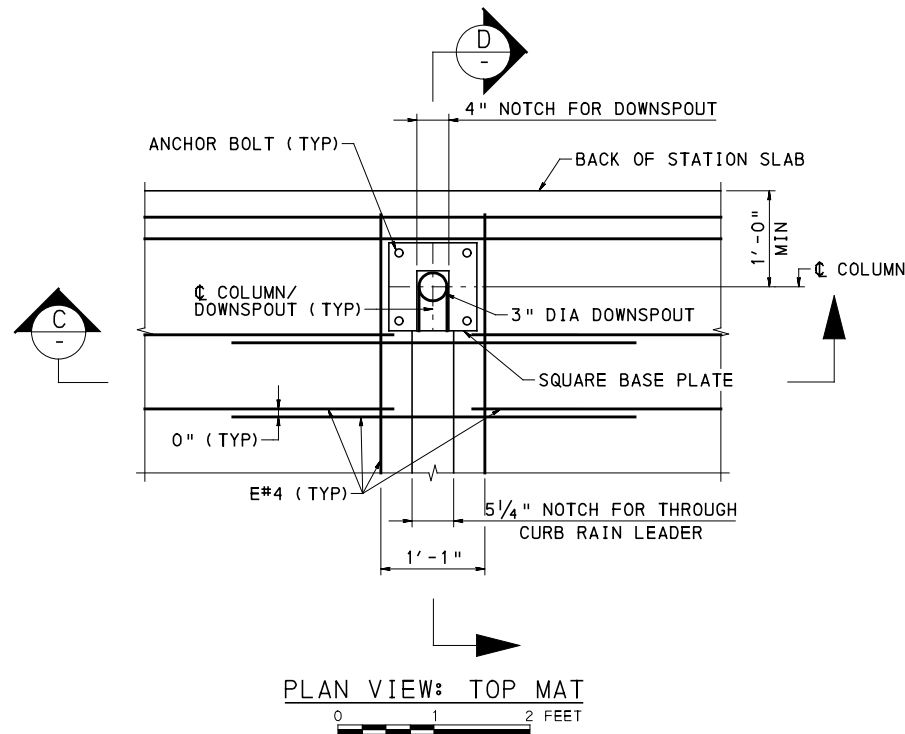
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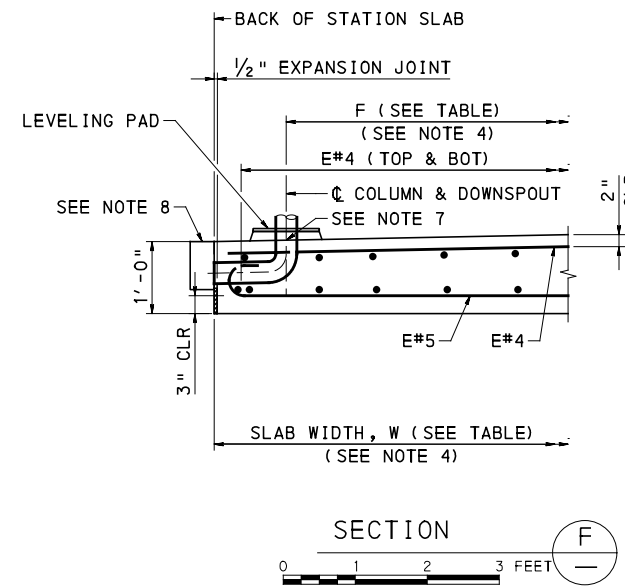
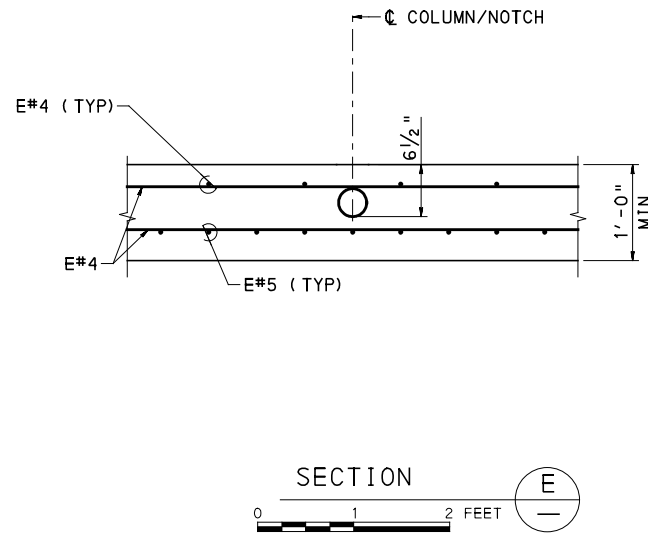
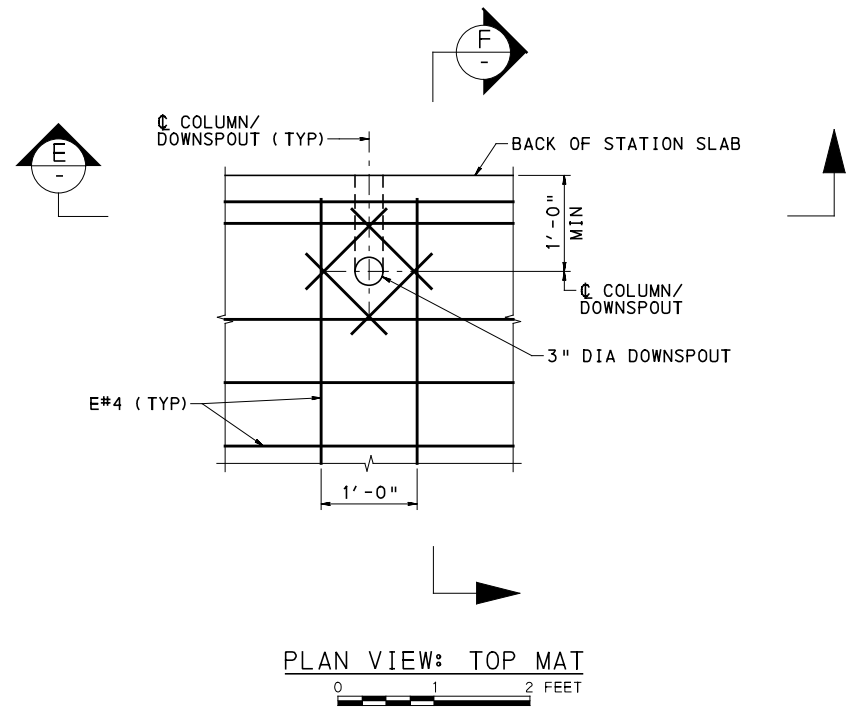
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BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS DRAINAGE DETAILS - PART 1		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST10	SHT. 794



DRAINAGE TYPE 3 - THROUGH CURB RAIN LEADER



DRAINAGE TYPE 4 - THROUGH CURB RAIN LEADER

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR TYPICAL SECTION SEE SHEET 787
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- FOR STATION SLAB TABLES SEE SHEET 793
- FOR CURB RAIN LEADER DETAILS, SEE VOL 1 - SPECIAL DETAILS, SHEET 142. MAKE ± 1/2" ADJUSTMENTS TO NOTCH DIMENSIONS IF THE ACTUAL LEADER DIMENSIONS VARY FROM THE DETAIL SHOWN.
- CLEAR THE NOTCH OF ANY DEBRIS, TEMPORARILY BLOCK OFF 4" WIDE NOTCH, AND INSTALL THE RAIN LEADER, INCLUDING THE SOLID COVER PLATE, BEFORE SIDEWALK IS OPEN TO PEDESTRIANS. DO NOT INSTALL 3" DIA DRAINAGE PIPE ELBOW UNTIL DOWNSPOUTS AND SHELTER COLUMNS ARE READY TO BE INSTALLED.
- PROVIDE A JOINT IN THE EMBEDDED PIPE AND CAP THE OPEN END. CAP IS TO BE FLUSH WITH FINISHED TOP OF SLAB. CAP IS TO REMAIN IN PLACE UNTIL DOWNSPOUTS AND COLUMNS ARE READY TO BE INSTALLED.
- CONNECT DOWNSPOUT TO TRENCH DRAIN AS INDICATED.



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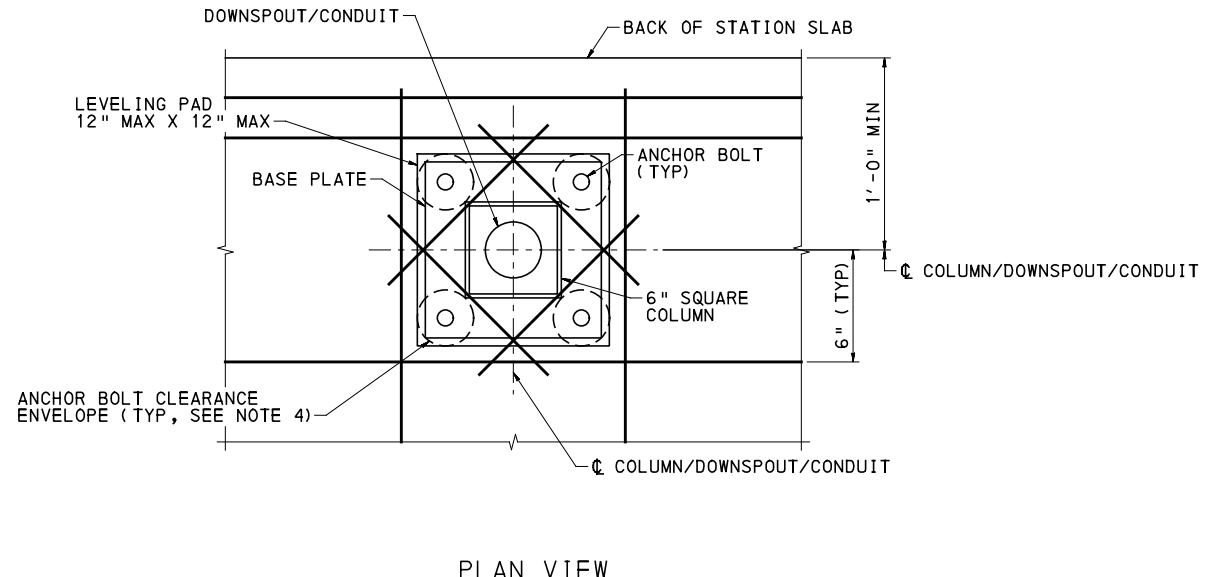
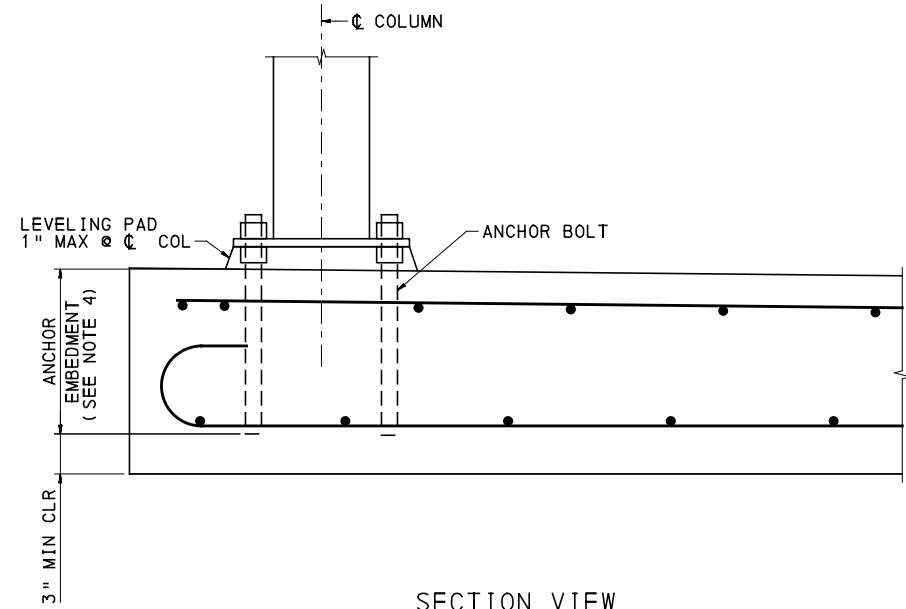
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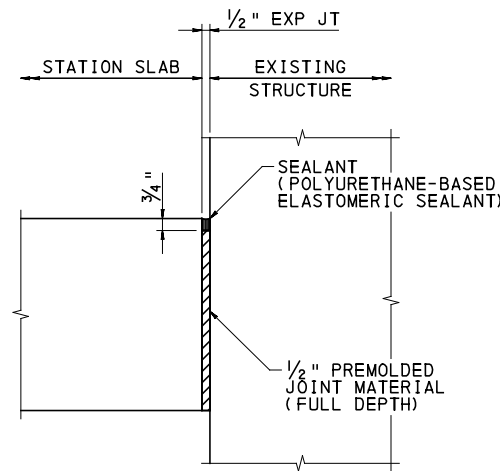
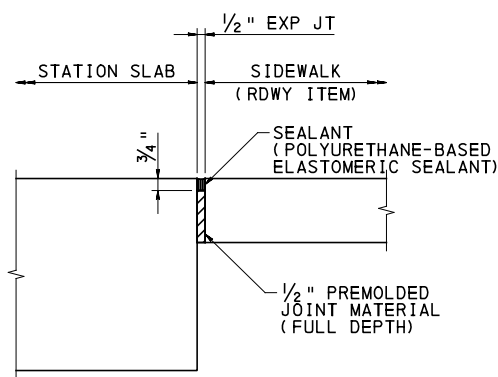
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CHECKED	RK
IN CHARGE	RK
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS DRAINAGE DETAILS - PART 2		
Port Authority connecting people to life		CONTRACT NO. BRT-001
DWG. NO.	ST11	SHT. 795



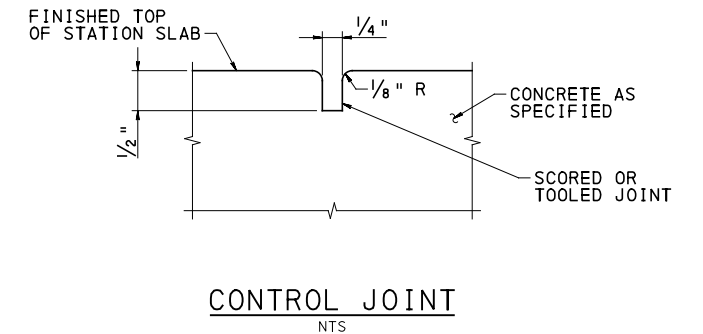
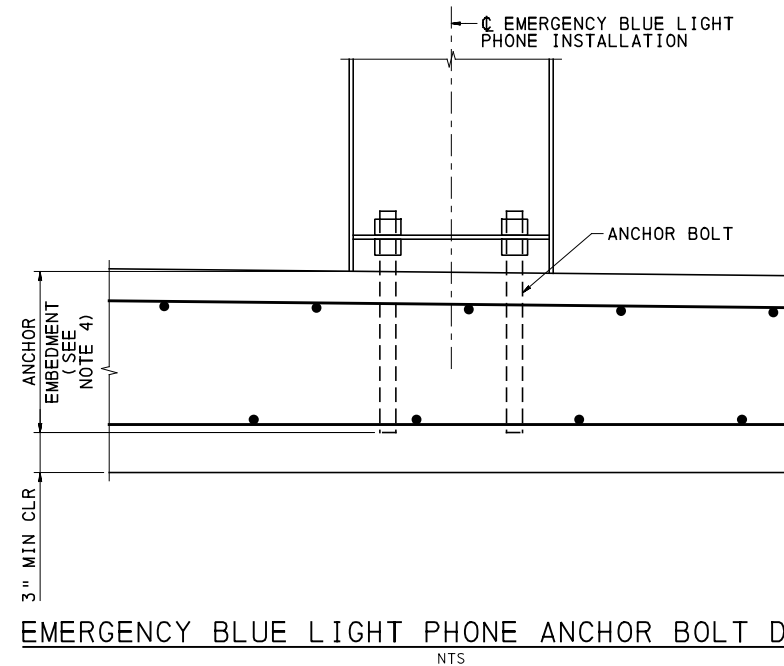
COLUMN ANCHOR BOLT DETAIL



STATION SLAB ADJACENT TO SIDEWALK

STATION SLAB ADJACENT TO EXISTING STRUCTURE

EXPANSION JOINT DETAIL



NOTES:

1. FOR GENERAL NOTES SEE SHEET 785
2. FOR INDEX OF DRAWINGS SEE SHEETS 3-16
3. FOR ARCHITECTURAL DRAWINGS SEE SHEETS 744-784
4. ANCHOR BOLT NOTES
 - a. LOCATE REINFORCEMENT BARS 1" MIN CLEAR FROM ANTICIPATED LOCATION OF ANCHOR BOLTS.
 - b. DESIGN, DRILL AND INSTALL POST-INSTALLED ANCHOR SYSTEM, BASED ON MANUFACTURER'S RECOMMENDATIONS.



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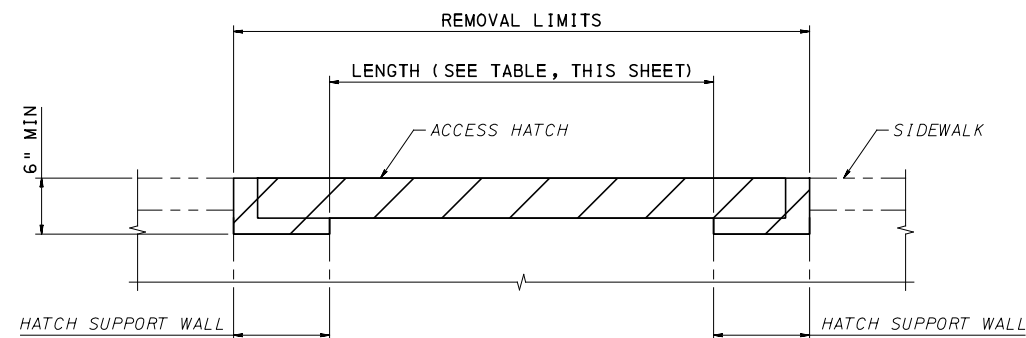
PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 STRUCTURAL PLANS
 MISC DETAILS



CONTRACT NO. BRT-001

DWG. NO. ST12 SHT. 796



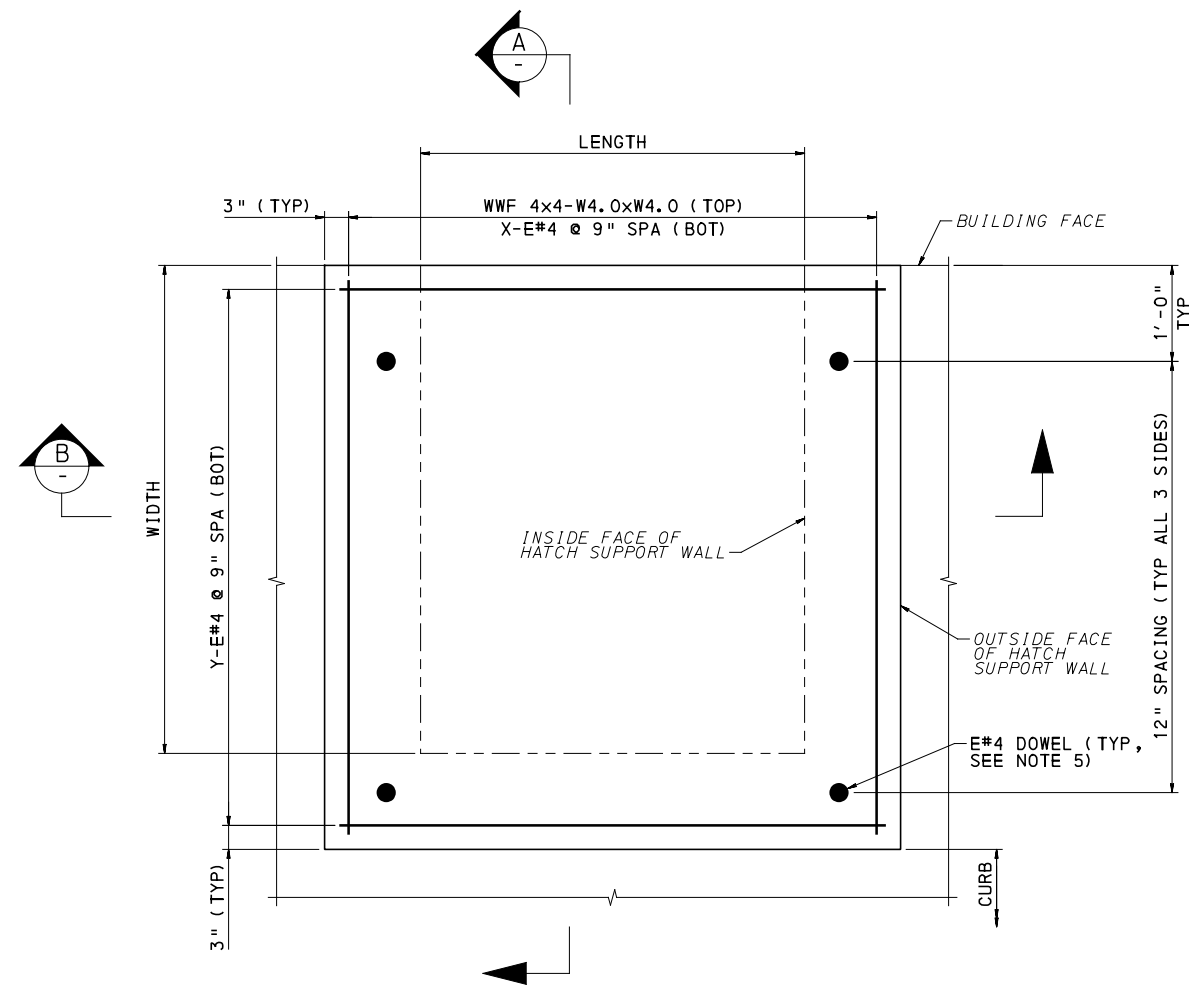
TYPICAL SECTION: VAULT HATCH REMOVAL
NTS

LEGEND

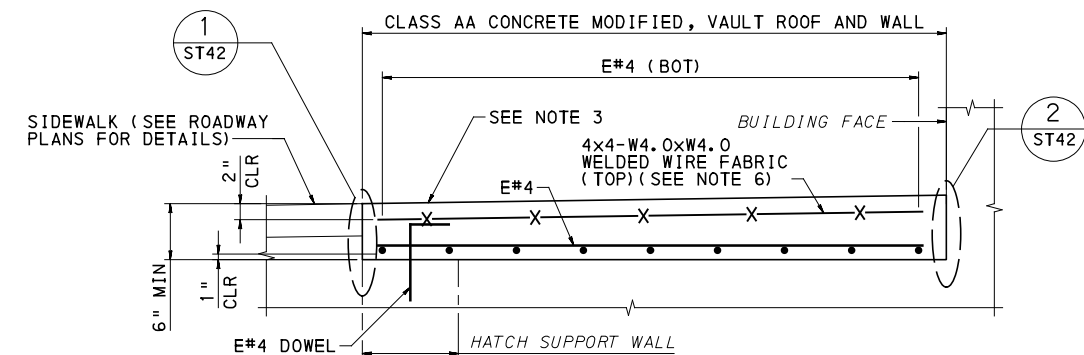


ACCESS HATCH CLOSURE LOCATIONS					
LOCATION		HATCH DIMENSIONS		REINFORCEMENT BARS	
BASELINE	REFERENCE STA (1)	LENGTH (2) (FT-IN)	WIDTH (2) (FT-IN)	NUMBER OF X (3)	NUMBER OF Y (3)
FORBES	156+39 RT	5'-2"	3'-8"	8	6
FIFTH	441+42 RT	5'-0"	5'-0"	7	8
FIFTH	442+74 RT	4'-3"	6'-0"	6	9
FIFTH	446+34 RT	3'-6"	4'-0"	5	7
FIFTH	446+54 RT	3'-6"	5'-6"	5	15
FIFTH	458+59 RT	6'-8"	6'-1"	10	9

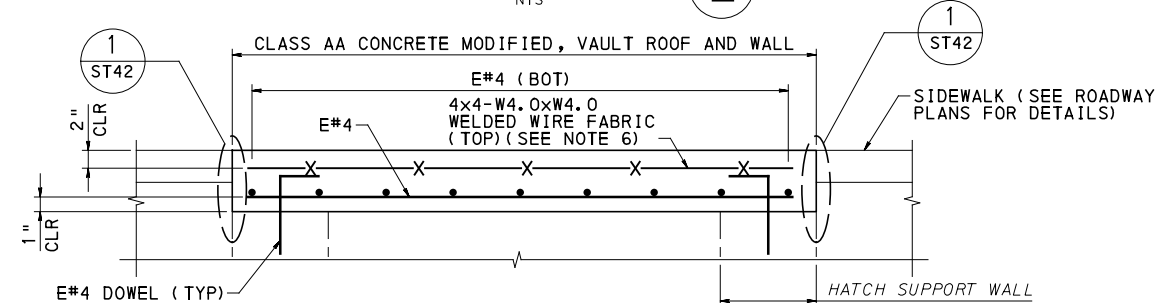
NOTE: (1) STATION REFERENCE CORRESPOND TO APPROXIMATE LOCATION OF INSIDE FACE OF HATCH SUPPORT VAULT WALL.
 (2) DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 (3) NUMBER AND LENGTH OF BARS BASED ON THE ASSUMPTION THAT THE ACCESS HATCH WALLS ARE 1'-6" THICK. ADJUST NUMBER AND LENGTH OF BARS BASED ON THE FIELD VERIFIED DIMENSIONS. APPLY AN APPROVED EPOXY PAINT TO THE ENDS OF ANY BARS THAT ARE CUT IN THE FIELD.



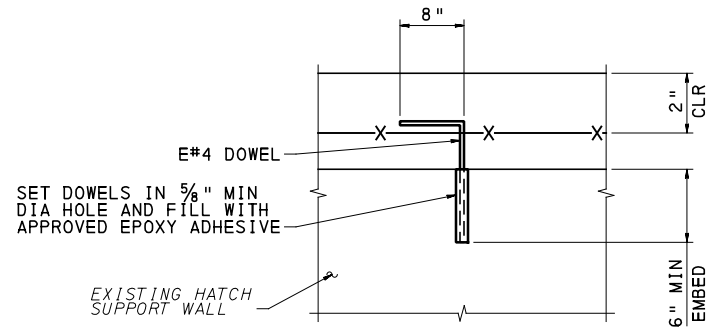
PLAN: VAULT HATCH CLOSURE SLAB
NTS



SECTION A-A
NTS



SECTION B-B
NTS



DOWEL DETAIL
NTS

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
- LENGTH IS MEASURED ALONG BASELINE, WIDTH IS MEASURED PERPENDICULAR TO THE BASELINE.
- LOCATE AND DRILL DOWELS AT MID-THICKNESS OF WALLS. TIE DOWELS TO WWF 4x4 - W4.0xW4.0. SEE DOWEL DETAIL.
- USE EPOXY COATED FLAT WELDED WIRE FABRIC SHEETS.



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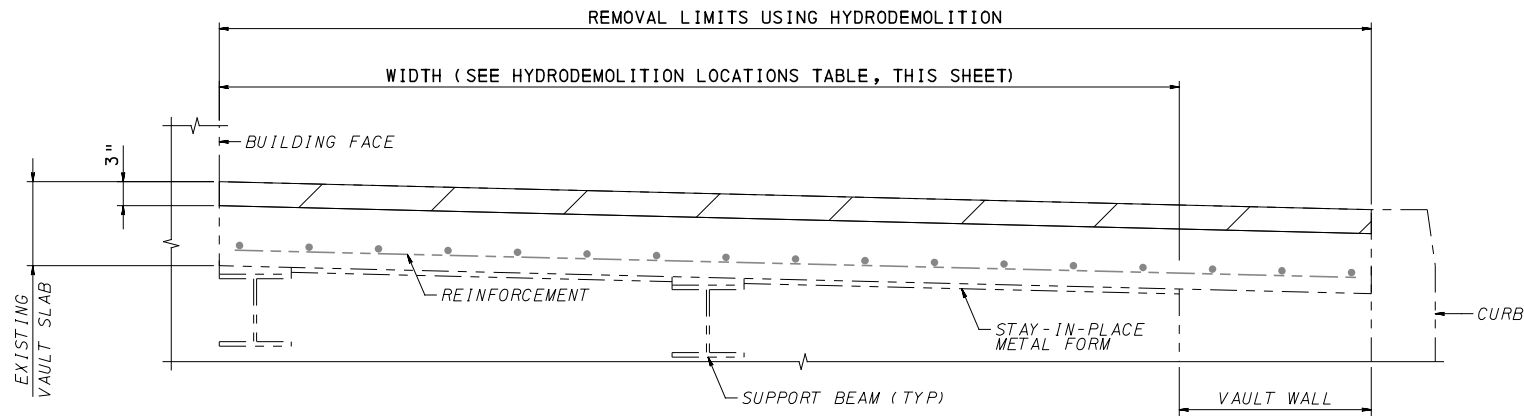
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
VAULT HATCH CLOSURE SLAB

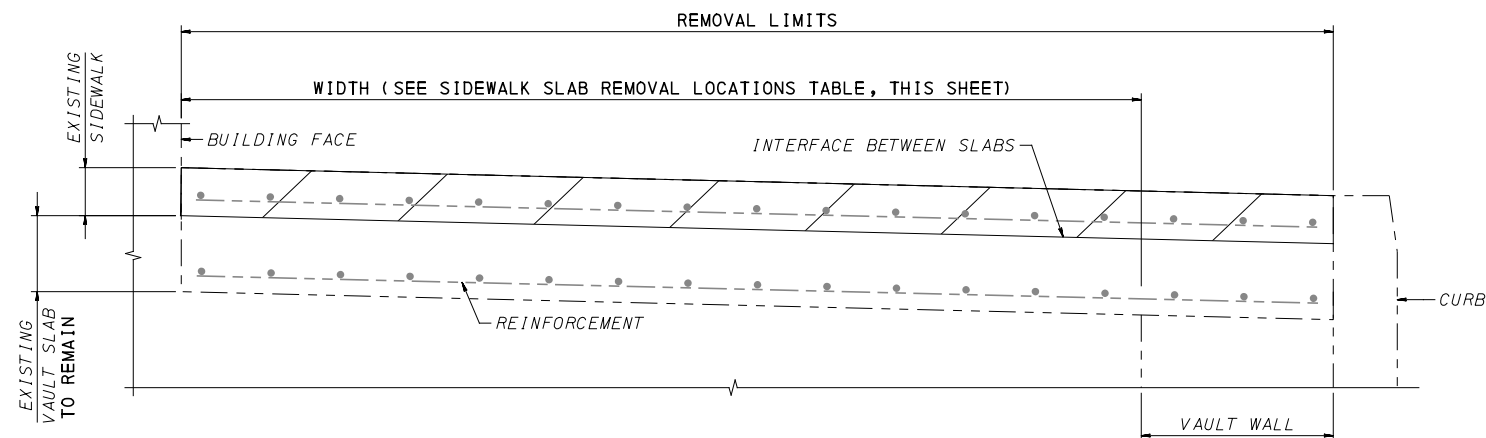
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CONTRACT NO. BRT-001
DWG. NO. ST13 SHT. 797



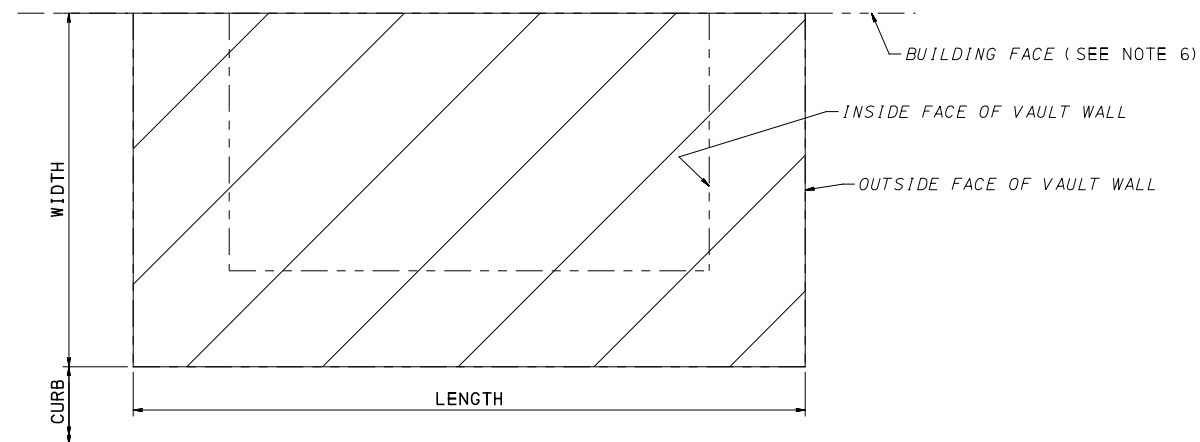
TYPICAL SECTION: PARTIAL VAULT SLAB REMOVAL
(SEE TABLE FOR LOCATIONS)
NTS

HYDRODEMOLITION LOCATIONS				
LOCATION		LENGTH (FT-IN)	WIDTH (FT-IN)	APPROXIMATE EXISTING STRUCTURAL SLAB THICKNESS (IN)
BASELINE	REFERENCE STA (SEE NOTE 3)			
FIFTH	437+52.55 RT	16'-3"	11'-10"	6
FIFTH	444+19.65 RT	24'-6"	11'-3"	6



TYPICAL SECTION: SIDEWALK SLAB REMOVAL
(SEE TABLE FOR LOCATIONS)
NTS

SIDEWALK SLAB REMOVAL LOCATIONS					
LOCATION		LENGTH (FT-IN)	WIDTH (FT-IN)	APPROXIMATE EXISTING SIDEWALK THICKNESS (IN)	APPROXIMATE EXISTING STRUCTURAL SLAB THICKNESS (IN)
BASELINE	REFERENCE STA (SEE NOTE 3)				
FORBES	163+90.86 LT	19'-10"	10'-7"	6	6
FIFTH	437+69.39 RT	17'-5"	12'-0"	3	6
FIFTH	437+90.58 RT	17'-0"	12'-0"	4	12
FIFTH	438+28.46 RT	33'-11"	10'-9"	4	12
FIFTH	439+93.61 RT	19'-6"	10'-0"	4	8
FIFTH	442+11.81 RT	17'-10"	10'-3"	6	6
FIFTH	442+32.06 RT	18'-8"	9'-10"	6	6
FIFTH	443+45.06 RT	31'-4"	VARIABLES 9'-4" TO 12'-4" MAX	6	6



PLAN: PARTIAL VAULT SLAB OR SIDEWALK SLAB REMOVAL
(SEE TABLE FOR LOCATIONS)
NTS

LEGEND



NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- STATION REFERENCE CORRESPOND TO APPROXIMATE LOCATION OF INSIDE FACE OF NEAR VAULT WALL.
- VAULT LOCATIONS, DIMENSIONS AND REMOVAL LIMITS ARE APPROXIMATE. FIELD VERIFY LOCATIONS AND REMOVAL LIMITS PRIOR TO COMMENCING REMOVAL WORK.
- DO NOT DAMAGE ANY PORTION OF THE VAULT SLAB TO REMAIN OR THE BUILDING COMPONENTS.
- BUILDING FACE SHOWN AS A STRAIGHT LINE FOR REPRESENTATION ONLY. ADJUST REMOVAL LIMITS TO AN EXISTING JOINT AT OR NEXT TO ACTUAL BUILDING FACE IN THE FIELD.



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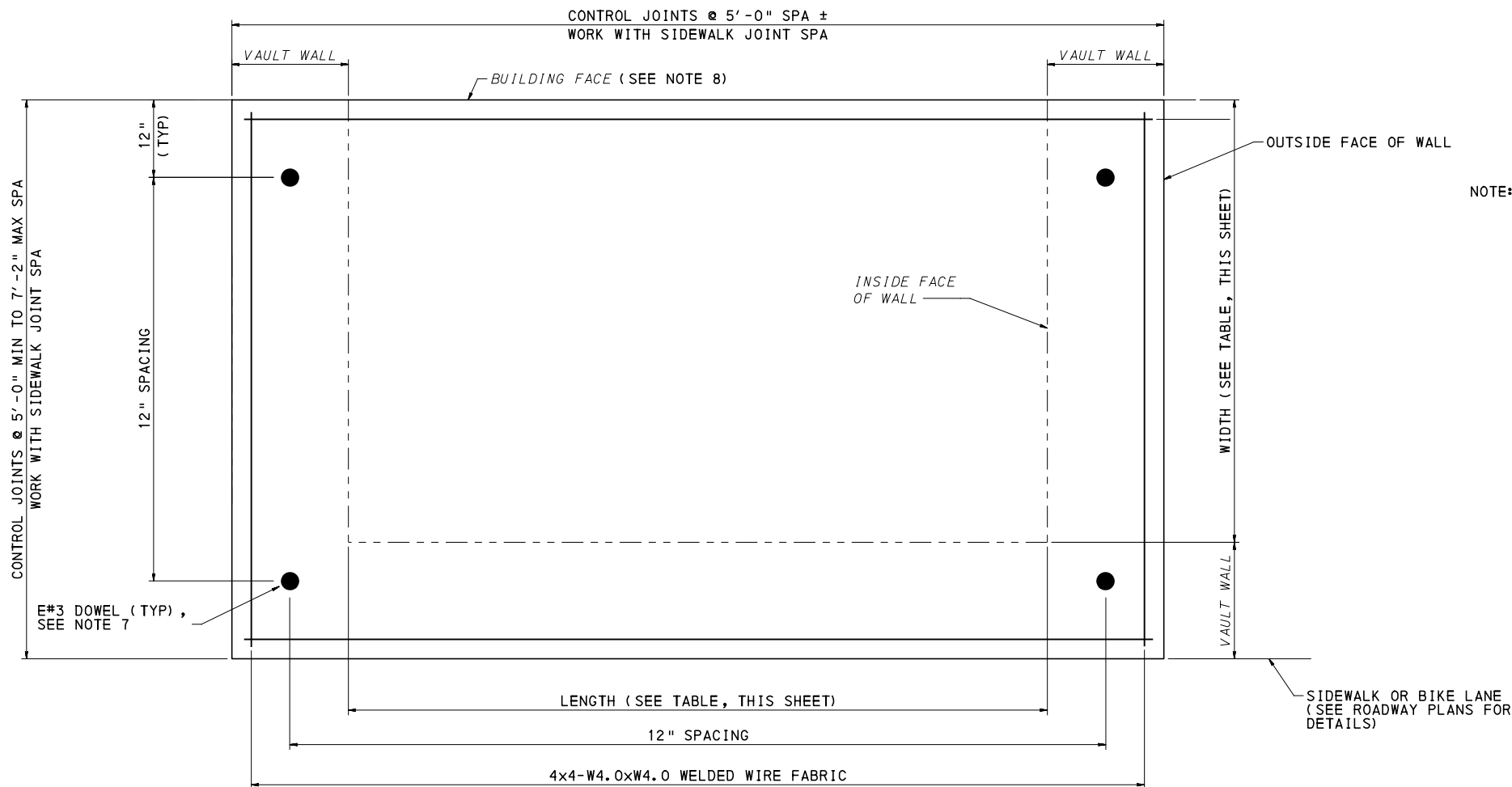
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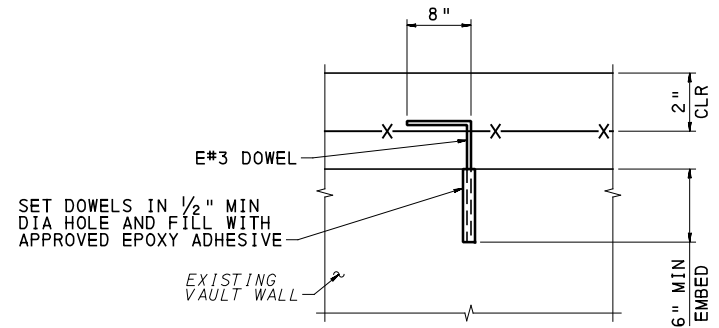
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS VAULT SLAB PARTIAL REMOVAL		
	CONTRACT NO. BRT-001 DWG. NO. ST14 SHT. 798	



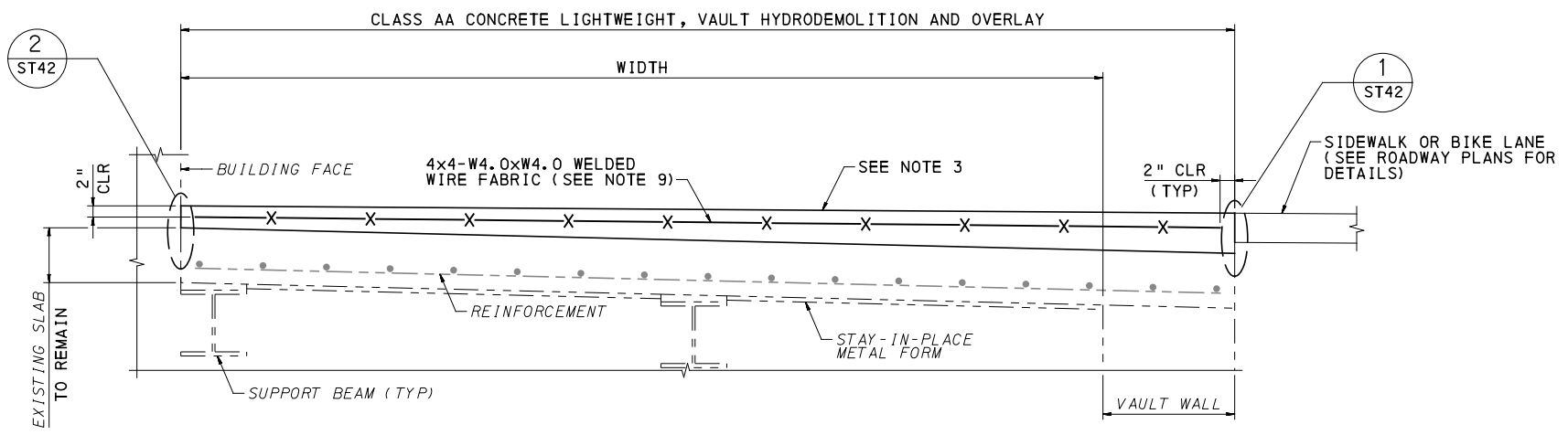
TYPICAL PLAN: OVERLAY
NTS

HYDRODEMOLITION AND OVERLAY LOCATIONS				
BASELINE	REFERENCE STA (1)	LENGTH (FT-IN) (2)	WIDTH (FT-IN) (2)	APPROXIMATE EXISTING STRUCTURAL SLAB THICKNESS (IN)
FIFTH	444+19.65 RT	24'-6"	11'-3"	6

NOTE: (1) STATION REFERENCE CORRESPOND TO APPROXIMATE LOCATION OF INSIDE FACE OF NEAR VAULT WALL.
(2) DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.



DOWEL DETAIL
NTS



TYPICAL SECTION: OVERLAY
NTS

- NOTES:**
- FOR GENERAL NOTES SEE SHEET 785
 - FOR INDEX OF DRAWINGS SEE SHEETS 3-16
 - MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
 - LENGTH IS MEASURED ALONG BASELINE, WIDTH IS MEASURED PERPENDICULAR TO THE BASELINE.
 - FOR REMOVAL DETAILS SEE SHEET 798
 - COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
 - LOCATE AND DRILL DOWELS AT MID-THICKNESS OF WALLS. TIE DOWELS TO WWF 4x4.0 W4xW4. SEE DOWEL DETAIL.
 - BUILDING FACE SHOWN AS A STRAIGHT LINE FOR REPRESENTATION ONLY. ADJUST OVERLAY AND REINFORCEMENT LIMITS TO THE ACTUAL REMOVAL LIMITS.
 - USE EPOXY COATED FLAT WELDED WIRE FABRIC SHEETS.

AECOM
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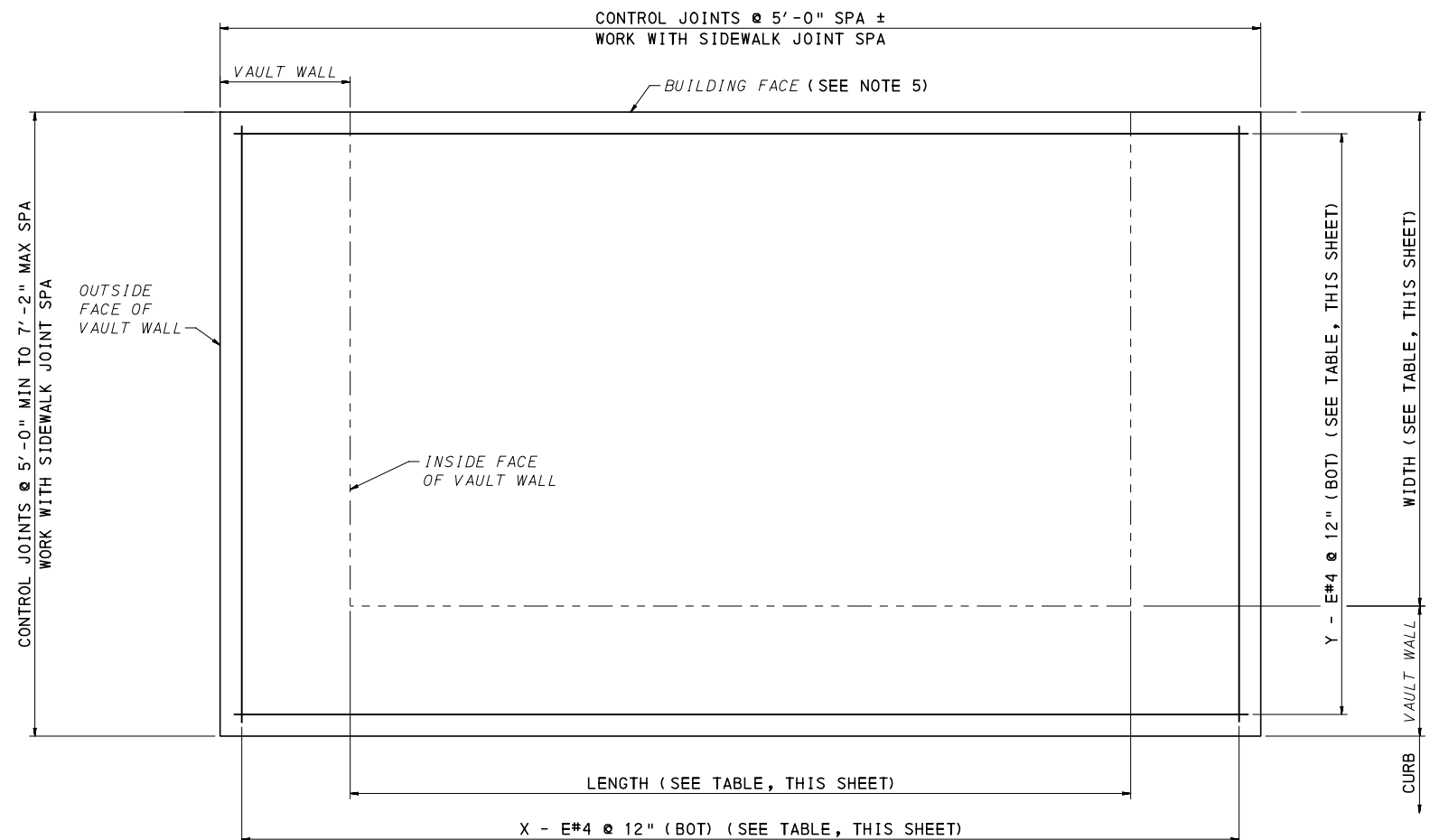
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PITTSBURGH PENNSYLVANIA

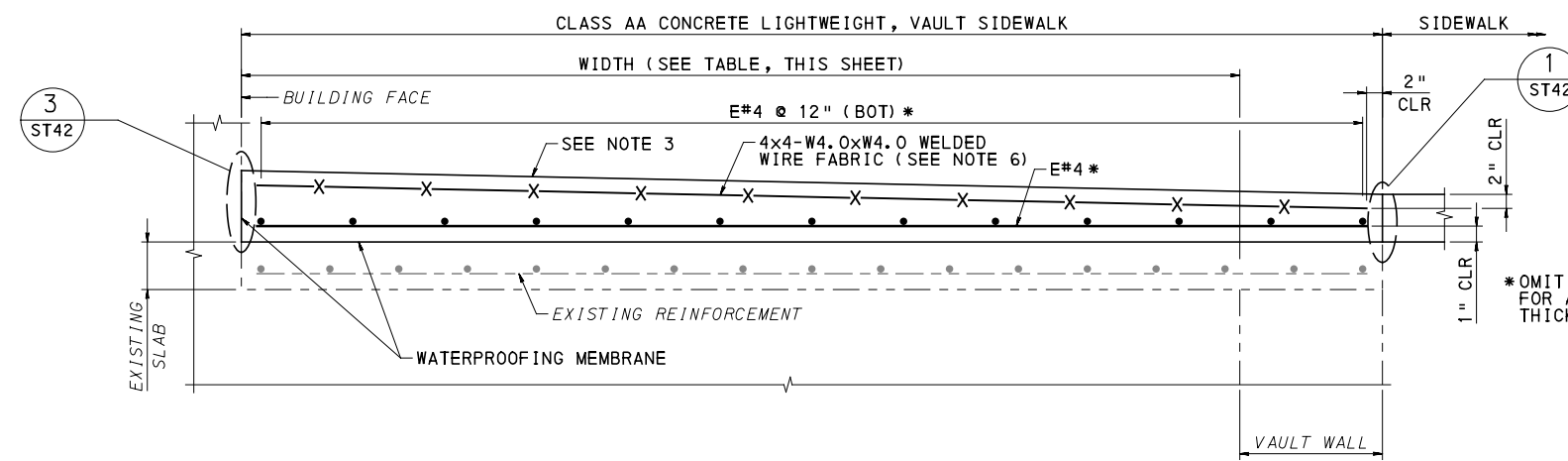
BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
SLAB MODIFICATIONS - OVERLAY

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. ST15 SHT. 799



TYPICAL PLAN: SIDEWALK SLAB REPLACEMENT
NTS



TYPICAL SECTION: SIDEWALK SLAB REPLACEMENT
NTS

SIDEWALK SLAB REPLACEMENT LOCATIONS							
LOCATION		LENGTH (2) (FT-IN)	WIDTH (2) (FT-IN)	APPROXIMATE EXISTING SIDEWALK THICKNESS (IN)	APPROXIMATE EXISTING STRUCTURAL SLAB THICKNESS (IN)	NUMBER OF X (3)	NUMBER OF Y (3)
BASELINE	REFERENCE STA (1)						
FIFTH	437+69.39 RT	17'-5"	12'-0"	3	6	26	15
FIFTH	437+90.58 RT	17'-0"	12'-0"	4	12	25	15
FIFTH	438+28.46 RT **	33'-11"	10'-9"	4	12	40	15
FIFTH	439+93.61 RT	19'-6"	10'-0"	4	8	26	13
FIFTH	442+11.81 RT	17'-10"	10'-3"	6	6	23	13
FIFTH	442+32.06 RT	18'-8"	9'-10"	6	6	24	13
FIFTH	443+45.06 RT	31'-4"	VARIES 9'-4" TO 12'-4" MAX	6	6	27	13

NOTE: (1) STATION REFERENCE CORRESPOND TO APPROXIMATE LOCATION OF INSIDE FACE OF NEAR VAULT WALL.
 (2) DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 (3) NUMBER AND LENGTH OF BARS BASED ON THE ASSUMPTION THAT THE VAULT WALLS ARE 2'-0" THICK. NUMBER AND LENGTH OF BARS MAY NEED TO BE ADJUSTED BASED ON THE FIELD VERIFIED DIMENSIONS. APPLY AN APPROVED EPOXY PAINT TO THE ENDS OF ANY BARS THAT ARE CUT IN THE FIELD.

** REPLACE EXISTING GRATE (ITEM 08305.005)

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
- FOR REMOVAL DETAILS SEE SHEET 798
- BUILDING FACE SHOWN AS A STRAIGHT LINE FOR REPRESENTATION ONLY. ADJUST SIDEWALK SLAB AND REINFORCEMENT LIMITS TO THE ACTUAL REMOVAL LIMITS.
- USE EPOXY COATED FLAT WELDED WIRE FABRIC SHEETS.



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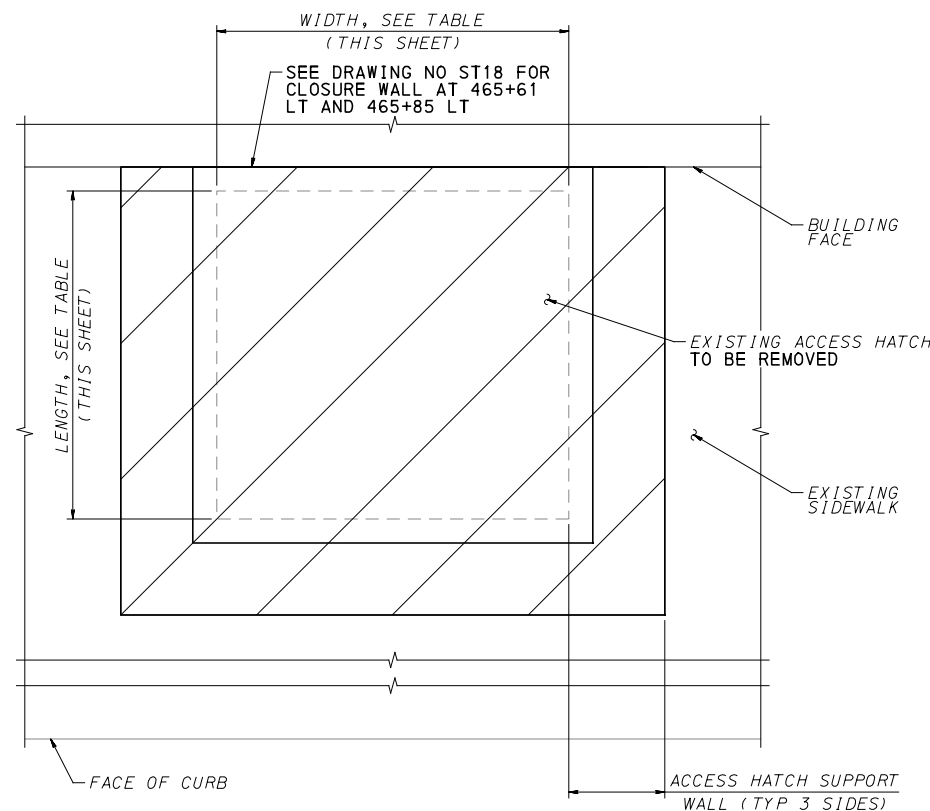
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
SLAB MODIFICATIONS - SIDEWALK SLAB

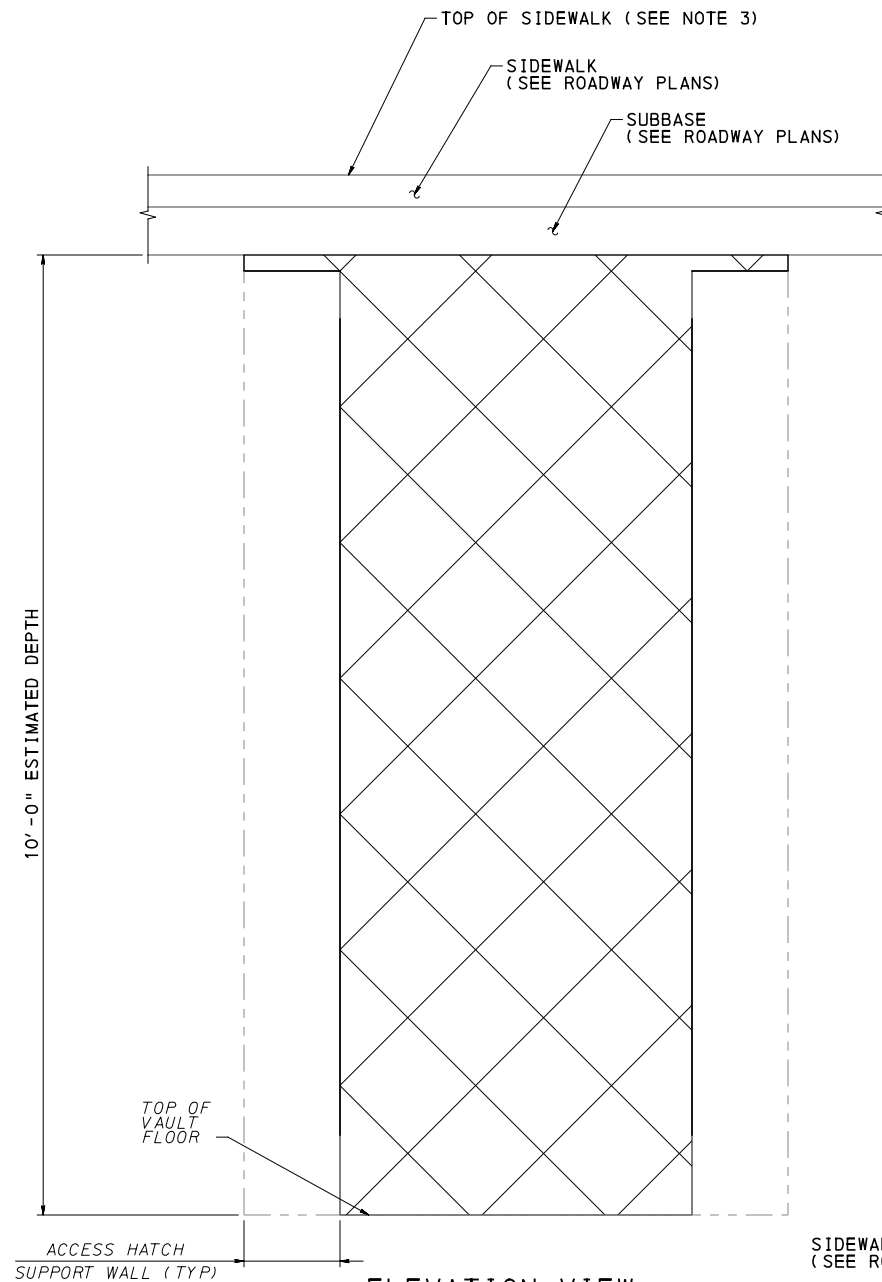
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CONTRACT NO. BRT-001
DWG. NO. ST16 SHT. 800



PLAN VIEW:
REMOVAL OF PORTION
OF EXISTING VAULT

0 1 2 FEET

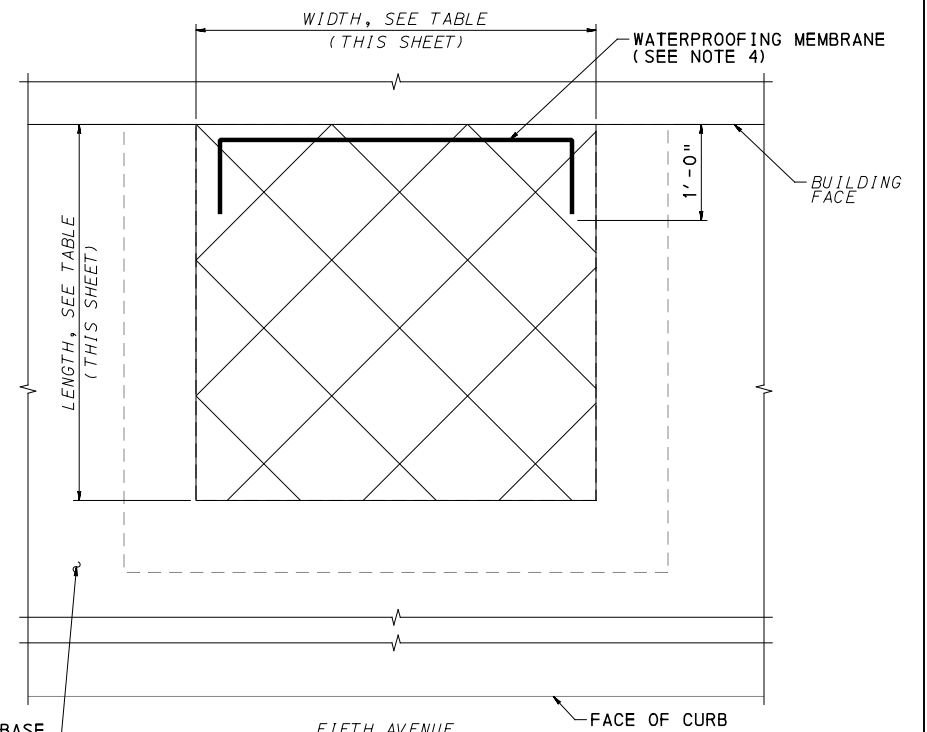


ELEVATION VIEW:
FILL EXISTING VAULT

0 1 2 FEET

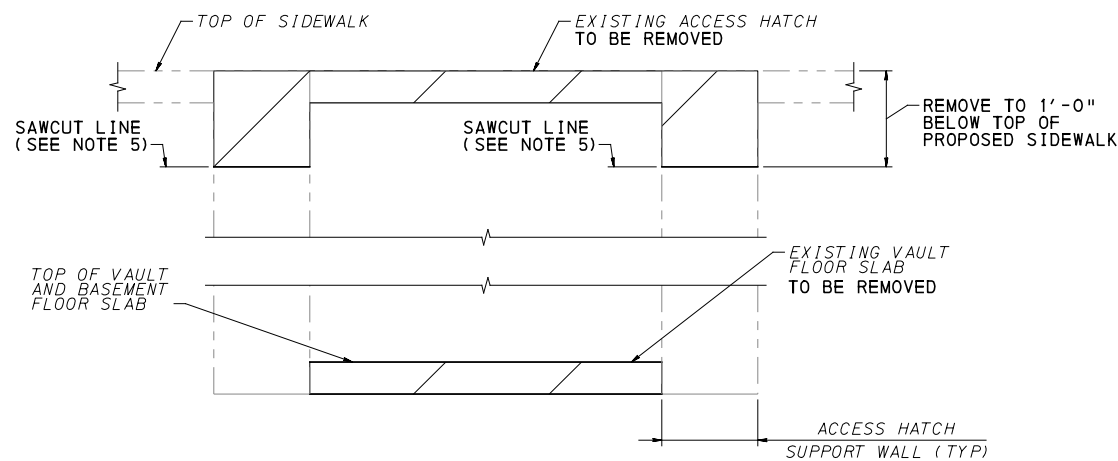
EXISTING VAULT INFORMATION			
LOCATION		LENGTH (FT-IN) (2)	WIDTH (FT-IN) (2)
BASELINE	REFERENCE STA (1)		
FIFTH	445+40RT	4'-2"	3'-11"
FIFTH	445+46RT	4'-2"	3'-11"
FIFTH	465+61LT	4'-1"	4'-3"
FIFTH	465+85 LT	5'-10"	4'-2"

NOTE: (1) STATION REFERENCE CORRESPOND TO APPROXIMATE LOCATION OF INSIDE FACE OF NEAR VAULT WALL.
(2) DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.



PLAN VIEW:
FILL EXISTING VAULT

0 1 2 FEET



TYPICAL SECTION:
REMOVAL OF PORTION
OF EXISTING VAULT

0 1 2 FEET

LEGEND

- REMOVAL LIMITS
- PENNDOT TYPE D FLOWABLE BACKFILL

NOTES:

1. FOR GENERAL NOTES SEE SHEET 785
2. FOR INDEX OF DRAWINGS SEE SHEETS 3-16
3. MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
4. INSTALL WATERPROOFING MEMBRANE WITH PROTECTION BOARD PER PRODUCT MANUFACTURER. ROUGHEN, CLEAN, AND PARGE SURFACE PER PRODUCT MANUFACTURER REQUIREMENTS TO CREATE UNIFORM SURFACE FOR WATERPROOFING MEMBRANE.
5. UNLESS NOTED OTHERWISE, SAWCUT LINE INDICATIONS ARE TO BE FULL DEPTH SAWCUTS.



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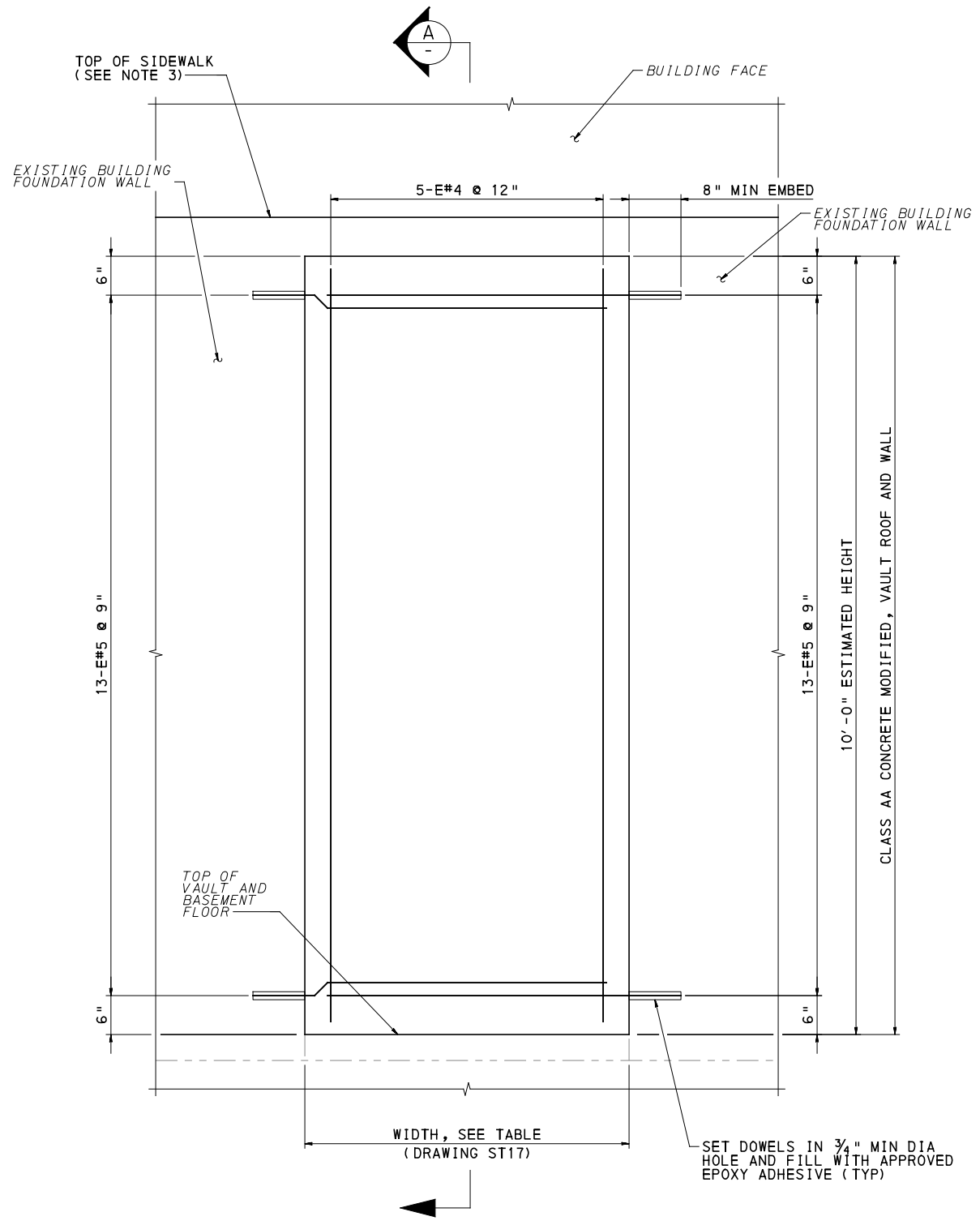
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BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS VAULT BACKFILL - PART 1	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. ST17	SHT. 801

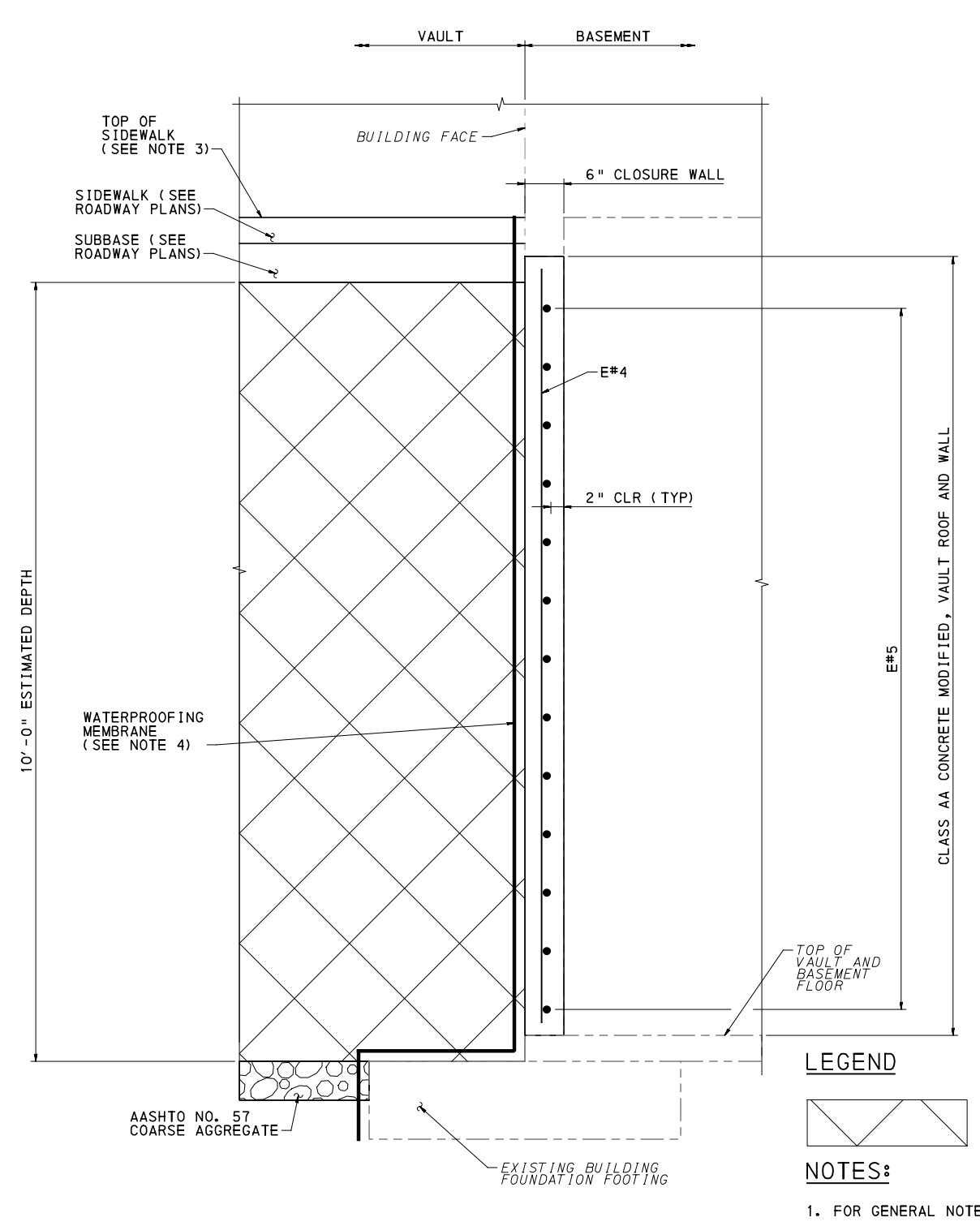
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**ELEVATION VIEW:
CLOSURE WALL**

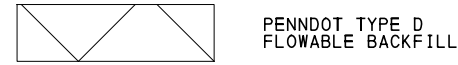
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SECTION

0 1 2 FEET

LEGEND



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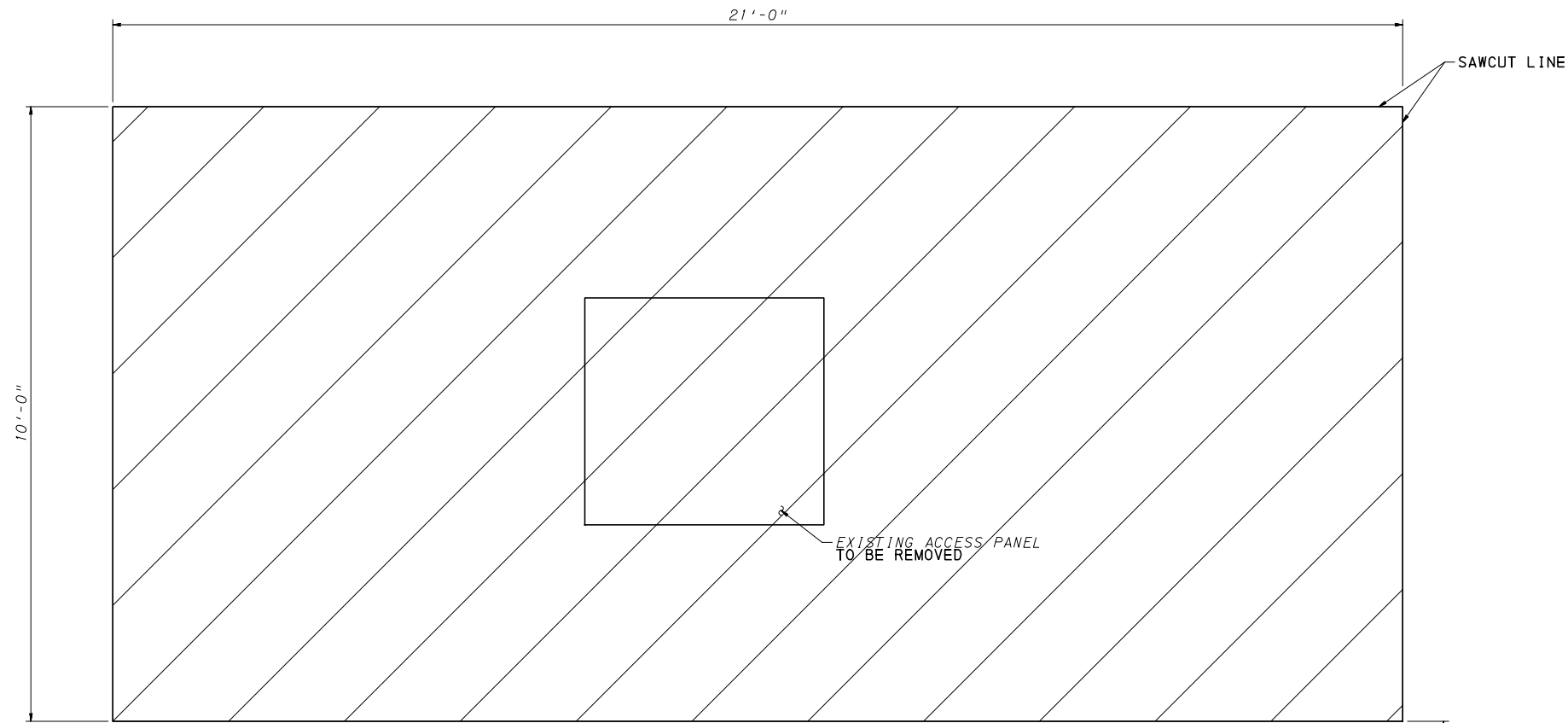
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PITTSBURGH PENNSYLVANIA

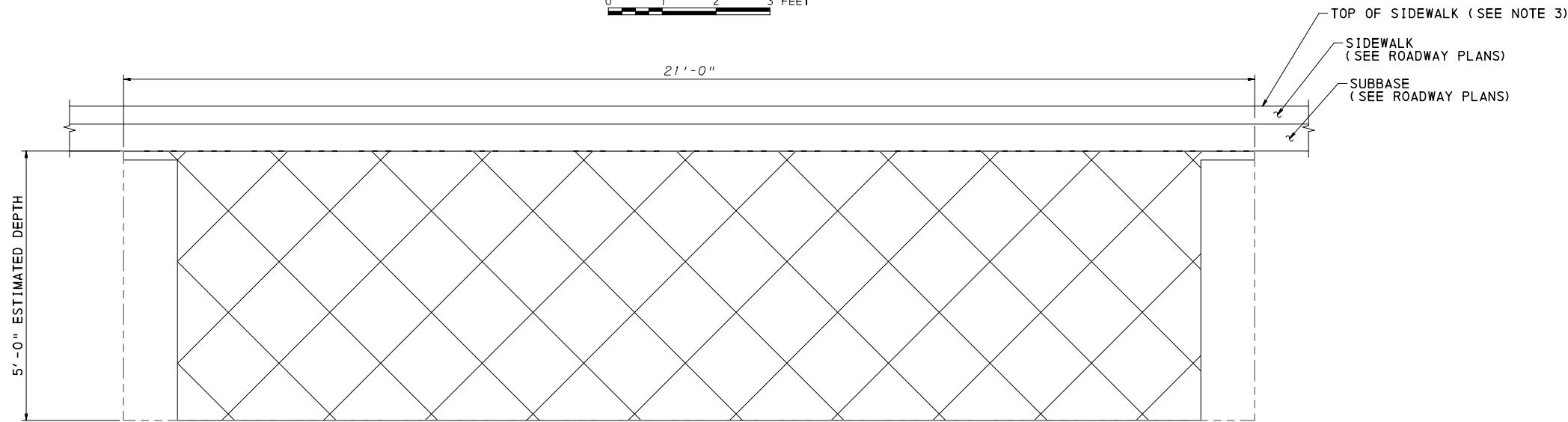
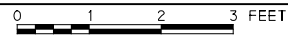
BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
VAULT BACKFILL - PART 2

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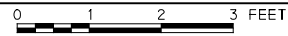
CONTRACT NO. BRT-001
DWG. NO. ST18 SHT. 802



PLAN VIEW: FILL EXISTING VAULT

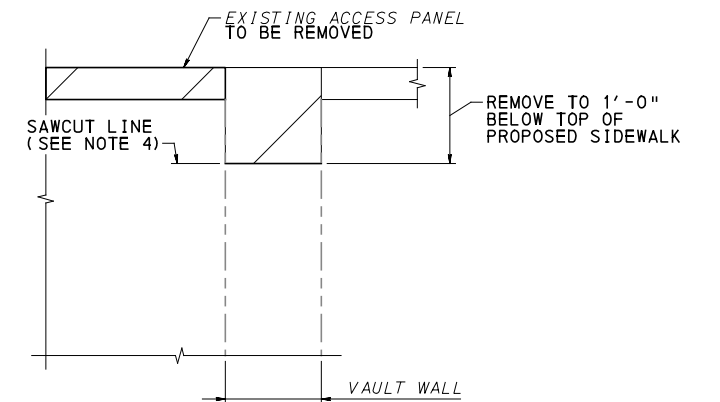


ELEVATION VIEW: FILL EXISTING VAULT

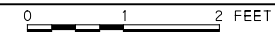


VAULT LOCATION	
BASELINE	REFERENCE STA (1)
FIFTH	451+30 LT

NOTE:
(1) STATION REFERENCE CORRESPOND TO APPROXIMATE LOCATION OF INSIDE FACE OF NEAR VAULT WALL.



TYPICAL SECTION: FILL EXISTING VAULT



LEGEND

- REMOVAL LIMITS
- PENNDOT TYPE D FLOWABLE BACKFILL

NOTES:

1. FOR GENERAL NOTES SEE SHEET 785
2. FOR INDEX OF DRAWINGS SEE SHEETS 3-16
3. MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
4. UNLESS NOTED OTHERWISE, SAWCUT LINE INDICATIONS ARE TO BE FULL DEPTH SAWCUTS.



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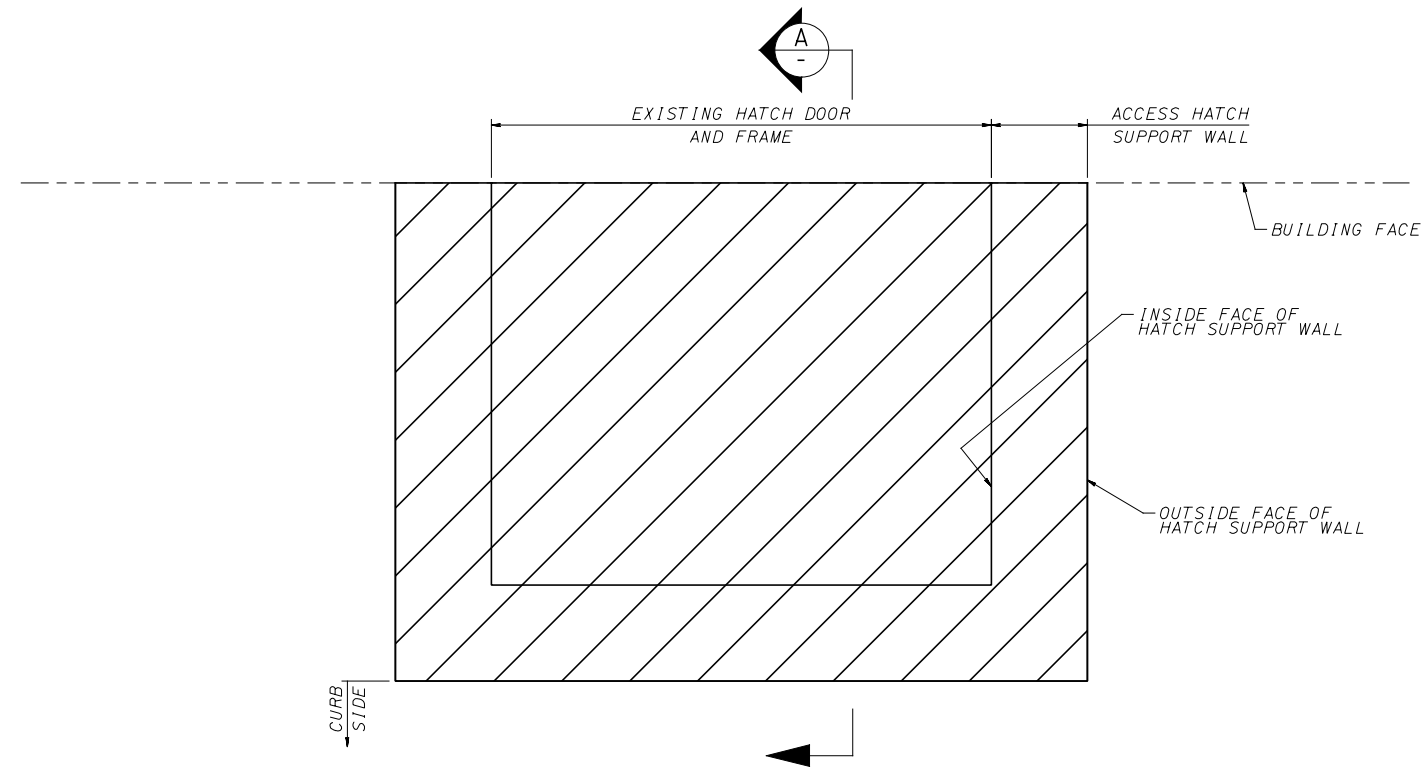
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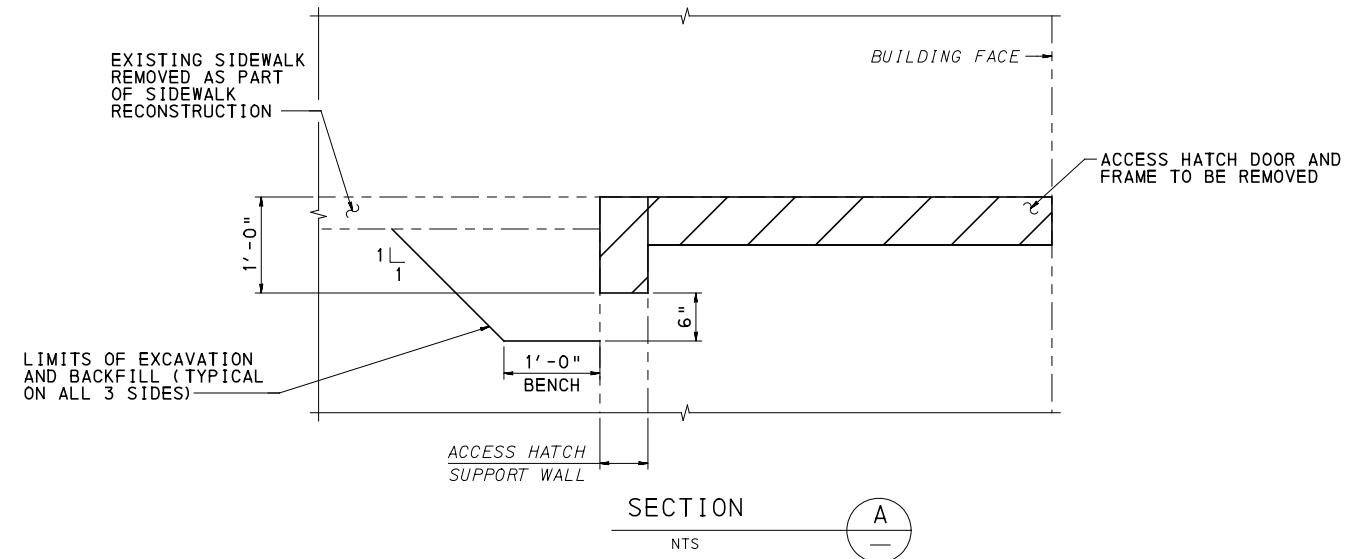
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
VAULT BACKFILL - PART 3

Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST19	SHT. 803



ACCESS HATCH REMOVAL PLAN
 NTS



LEGEND

 LIMITS OF REMOVAL OF HATCH SUPPORT WALL, HATCH DOOR AND FRAME

NOTES:

1. FOR GENERAL NOTES SEE SHEET 785
2. FOR INDEX OF DRAWINGS SEE SHEETS 3-16
3. FOR REPLACEMENT DETAILS AND LOCATIONS SEE SHEET 809



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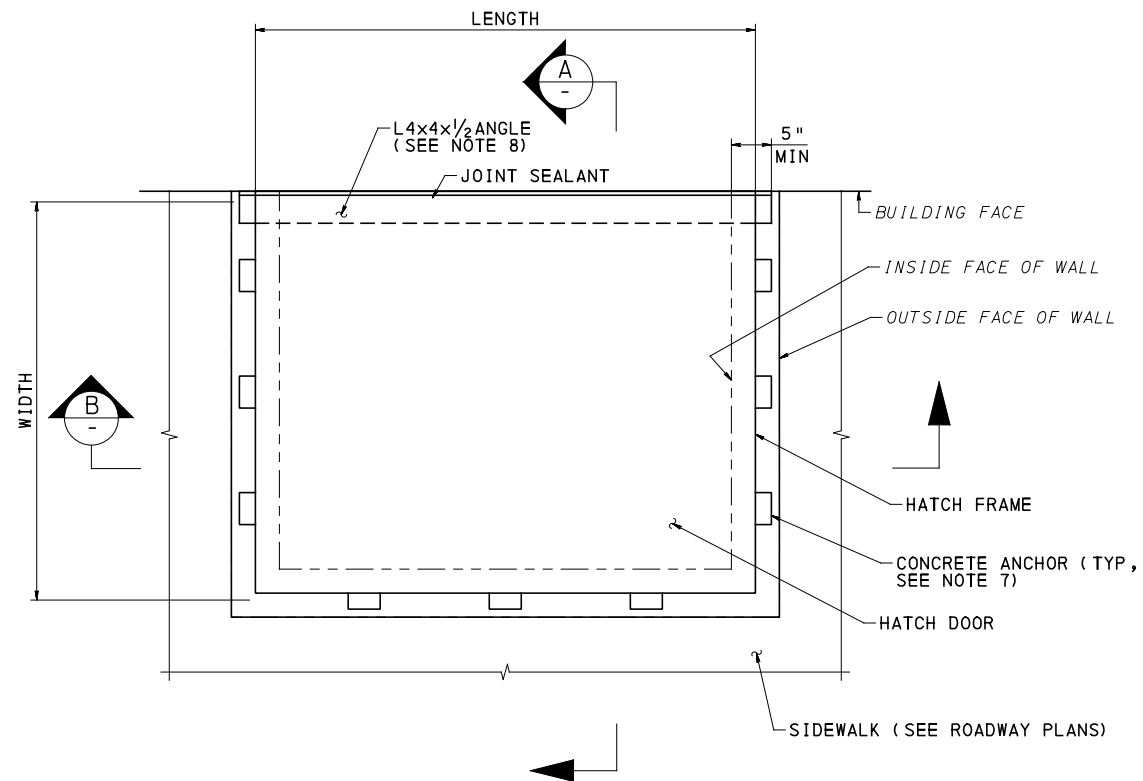
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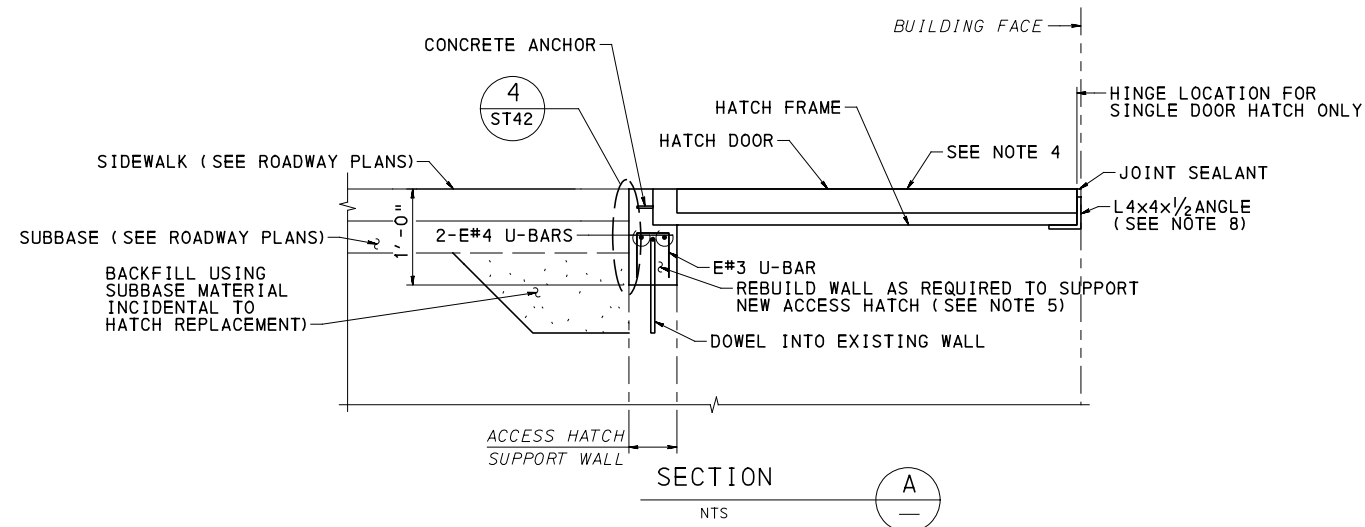
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	DWG. NO. ST20 SHT. 804



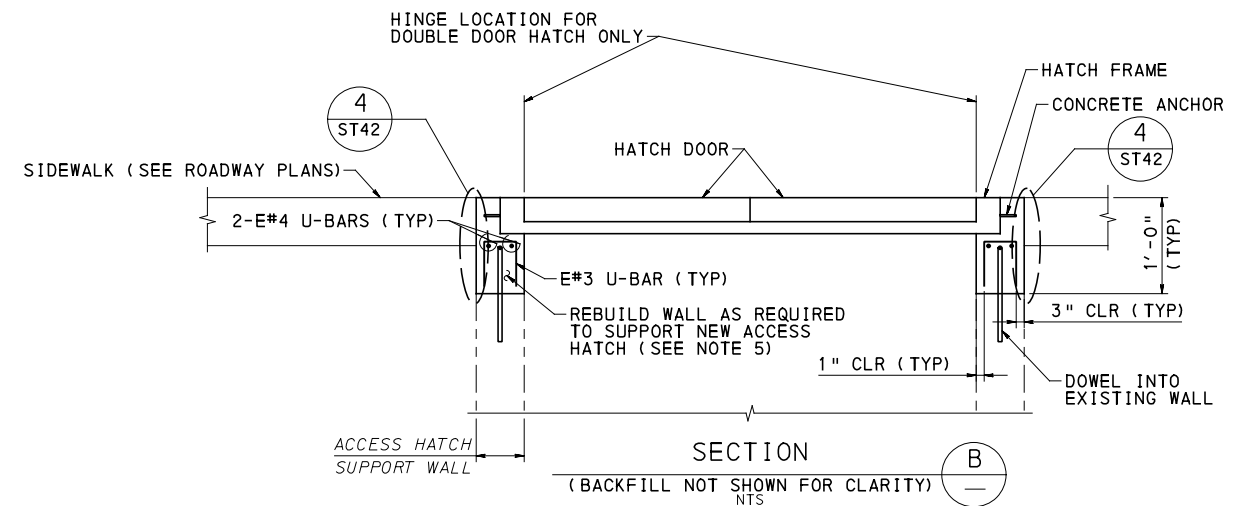
PLAN VIEW: ACCESS HATCH REPLACEMENT

NTS



SECTION A

NTS



SECTION B

(BACKFILL NOT SHOWN FOR CLARITY) NTS

REPLACE EXISTING ACCESS HATCH				
BASELINE	LOCATION		LENGTH (2) (FT-IN)	WIDTH (2) (FT-IN)
	REFERENCE STA (1)			
FORBES	149+48	LT	3'-6"	4'-0"
FORBES	153+78	RT	3'-6"	4'-0"
FORBES	153+85	RT	3'-6"	4'-0"
FORBES	156+94	RT	3'-0"	4'-0"
FORBES	174+63	LT	3'-6"	4'-0"
FIFTH	447+14	RT	3'-6"	4'-0"
FIFTH	448+40	RT	3'-6"	4'-6"
FIFTH	448+69	RT	3'-6"	4'-0"
FIFTH	449+79	LT	5'-0"	4'-0"
FIFTH	457+66	LT	4'-0"	4'-6"
FIFTH	457+71	LT	3'-6"	5'-0"
FIFTH	458+05	LT	3'-6"	3'-6"
FIFTH	463+68	LT	3'-6"	4'-0"
FIFTH	464+43	LT	5'-0"	4'-0"

NOTE: (1) STATION REFERENCE CORRESPOND TO APPROXIMATE LOCATION OF INSIDE FACE OF NEAR VAULT WALL.
(2) LENGTH AND WIDTH CORRESPOND TO APPROXIMATE HATCH DOOR DIMENSIONS. FIELD MEASURE AND ADJUST DIMENSIONS AS NEEDED BEFORE FABRICATING THE HATCHES.

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16
- FOR REMOVAL DETAILS, SEE SHEET 804
- MATCH HATCH ELEVATIONS AND CROSS-SECTIONS TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
- REBUILD WALL TO REQUIRED GRADE USING CLASS AA CONCRETE MODIFIED. REBUILDING WALL IS INCIDENTAL TO HATCH REPLACEMENT.
- FOR DOWEL DETAILS, SEE SHEET 806
- PROVIDE THE NUMBER AND TYPE OF ANCHOR PER MANUFACTURER'S RECOMMENDATIONS.
- L4x4x1/2 ANGLE IS INCIDENTAL TO SIDEWALK HATCH REPLACEMENT.



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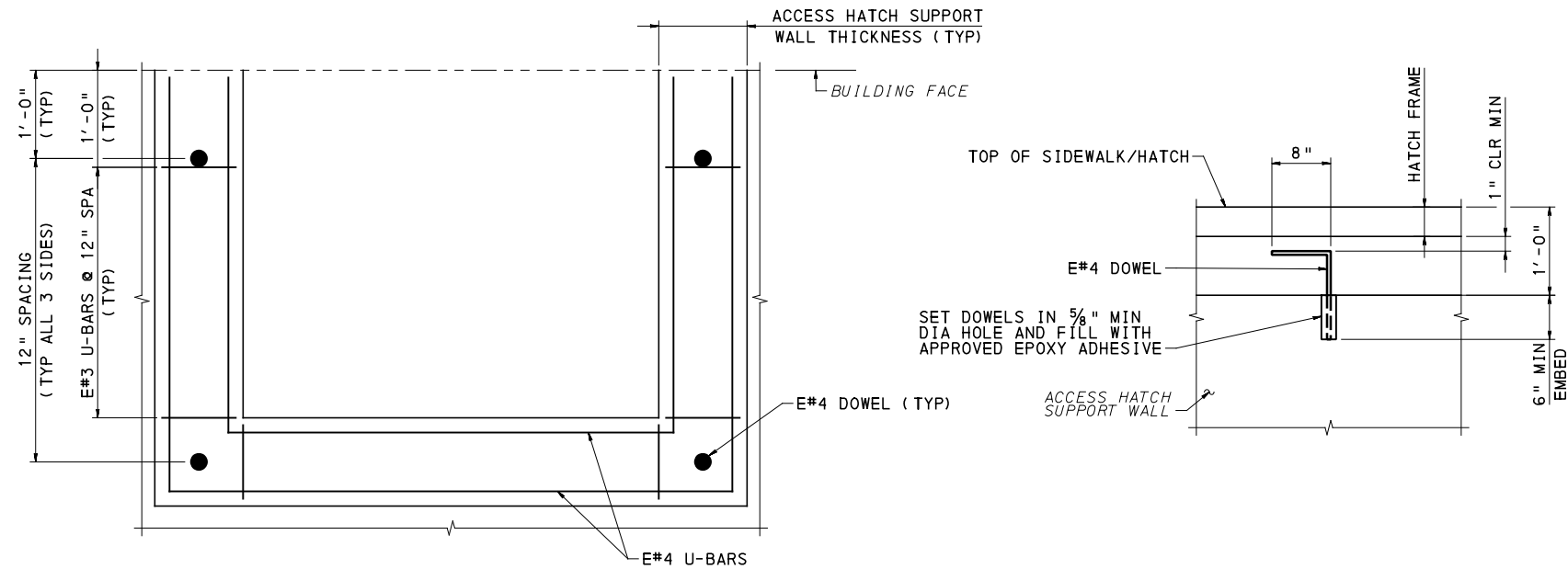
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Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. ST21	SHT. 805



PLAN
(HATCH NOT SHOWN FOR CLARITY)
NTS

DOWEL DETAIL
(HATCH NOT SHOWN FOR CLARITY)
NTS

ACCESS HATCH REPLACEMENT DOWELS

NOTES:

1. FOR GENERAL NOTES SEE SHEET 785
2. FOR INDEX OF DRAWINGS SEE SHEETS 3-16
3. LOCATE AND DRILL DOWELS AT MID-THICKNESS OF WALLS. TIE DOWELS TO E#3 U-BARS, WHERE POSSIBLE.



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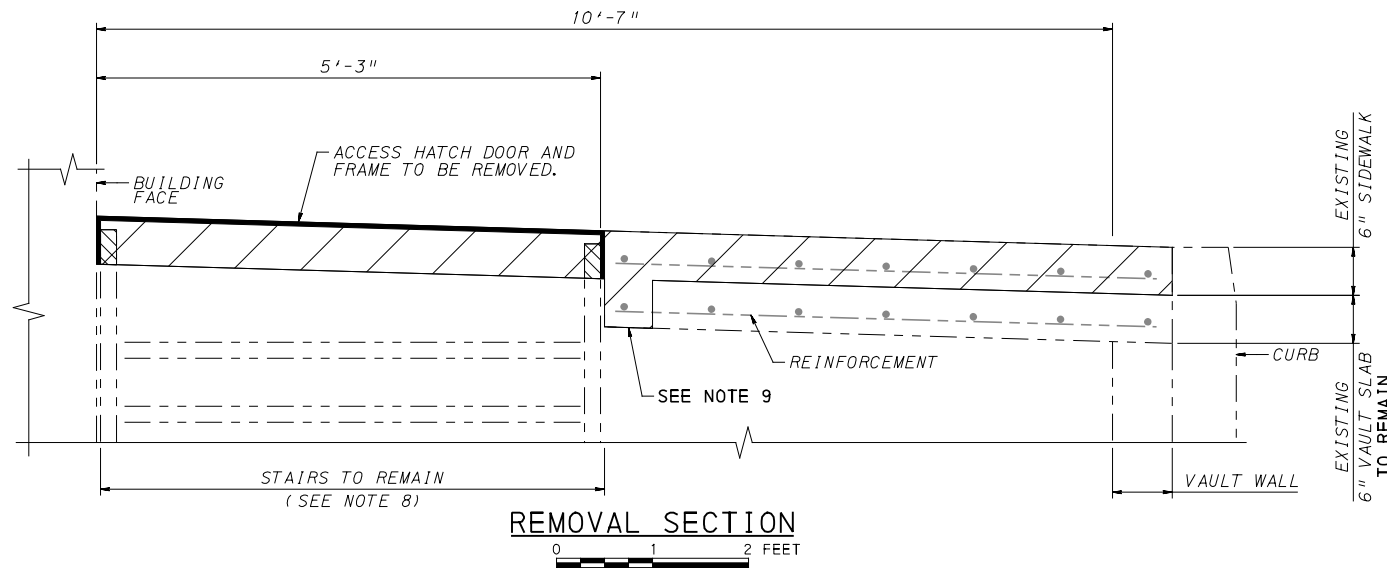
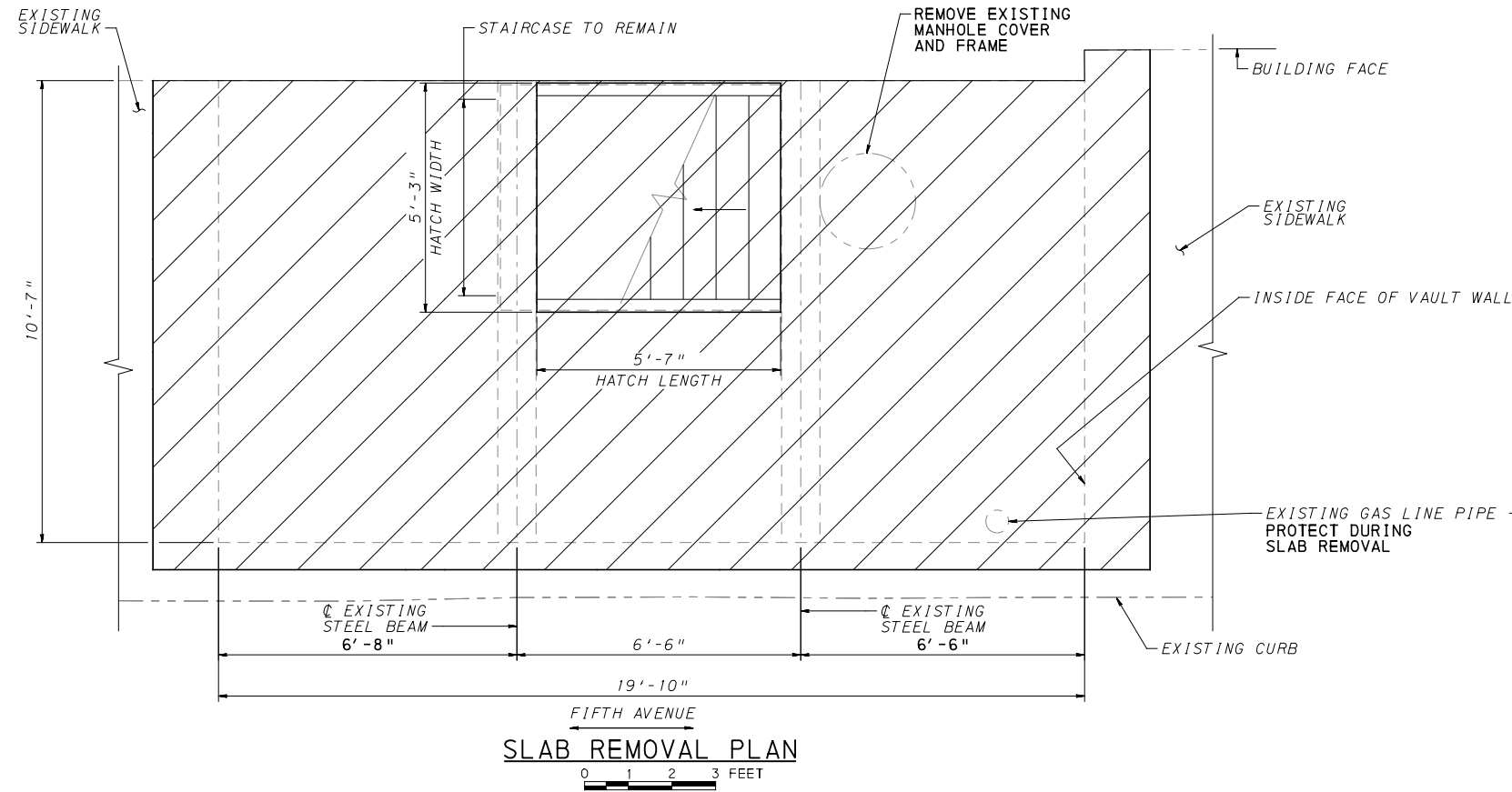
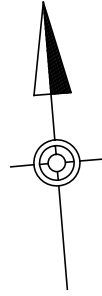
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. ST22	SHT. 806



LEGEND

LIMITS OF SIDEWALK SLAB REMOVAL

LIMITS OF STAIR REMOVAL

- NOTES:**
- FOR GENERAL NOTES, SEE SHEET 785
 - FOR LOCATION OF VAULT, SEE SHEET 399
 - CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
 - VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
 - FOR EXPANSION JOINT DETAILS, SEE SHEET 826
 - FOR DOWEL DETAILS, SEE SHEET 816
 - DO NOT DAMAGE ANY PORTION OF THE VAULT SLAB TO REMAIN OR THE BUILDING COMPONENTS.
 - TEMPORARILY SUPPORT STAIRS AS REQUIRED DURING DEMOLITION AND UNTIL CONNECTION TO NEW SIDEWALK SLAB AND HATCH FRAME IS MADE.
 - DO NOT DAMAGE EXISTING REINFORCEMENT TO REMAIN.

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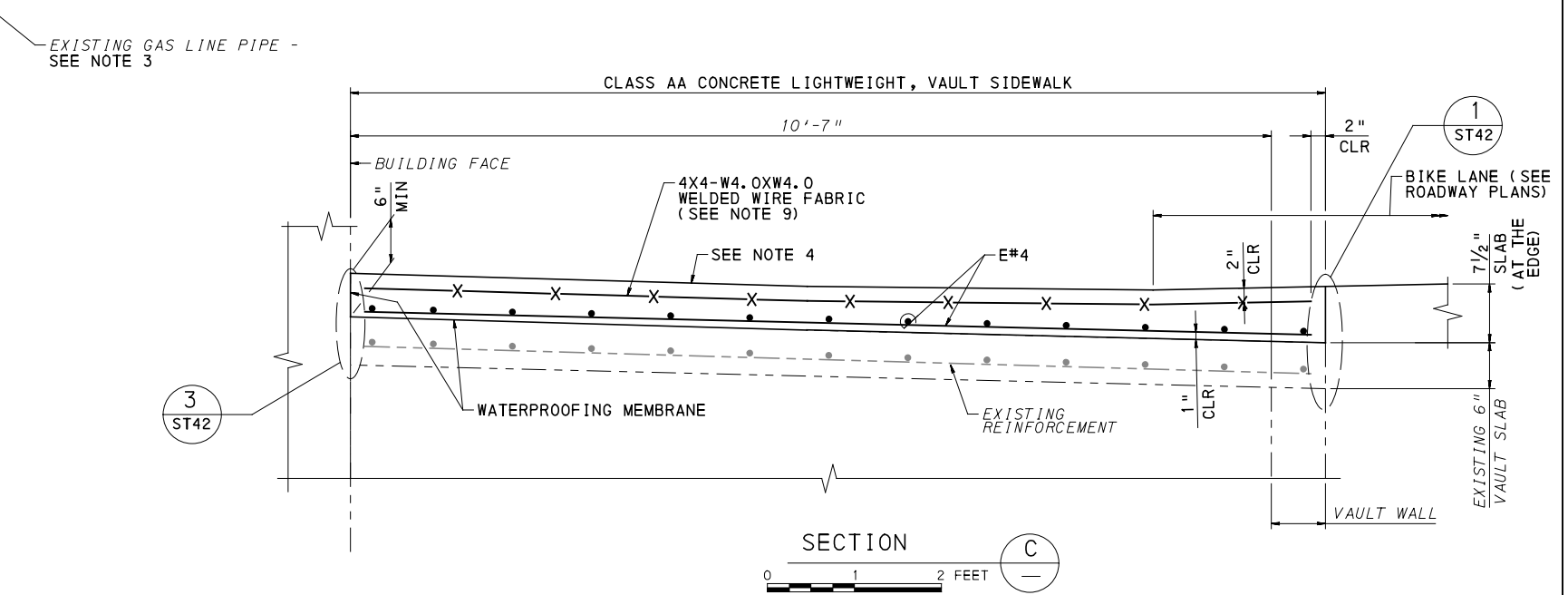
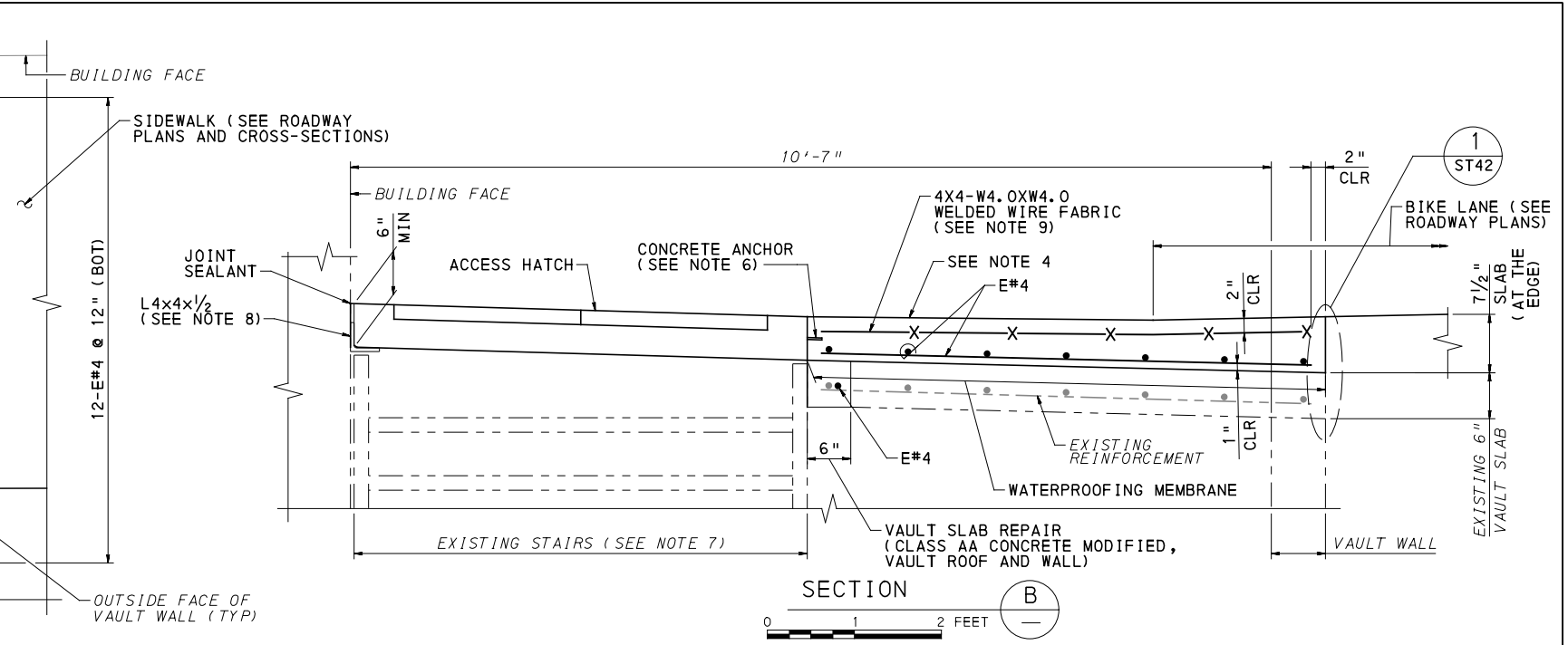
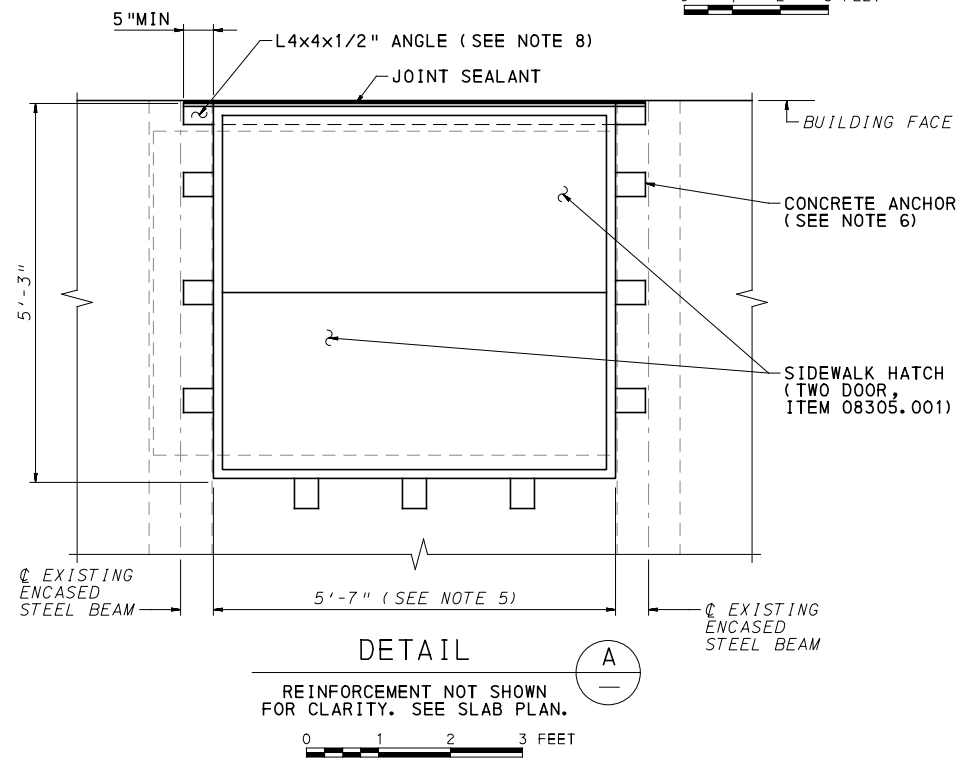
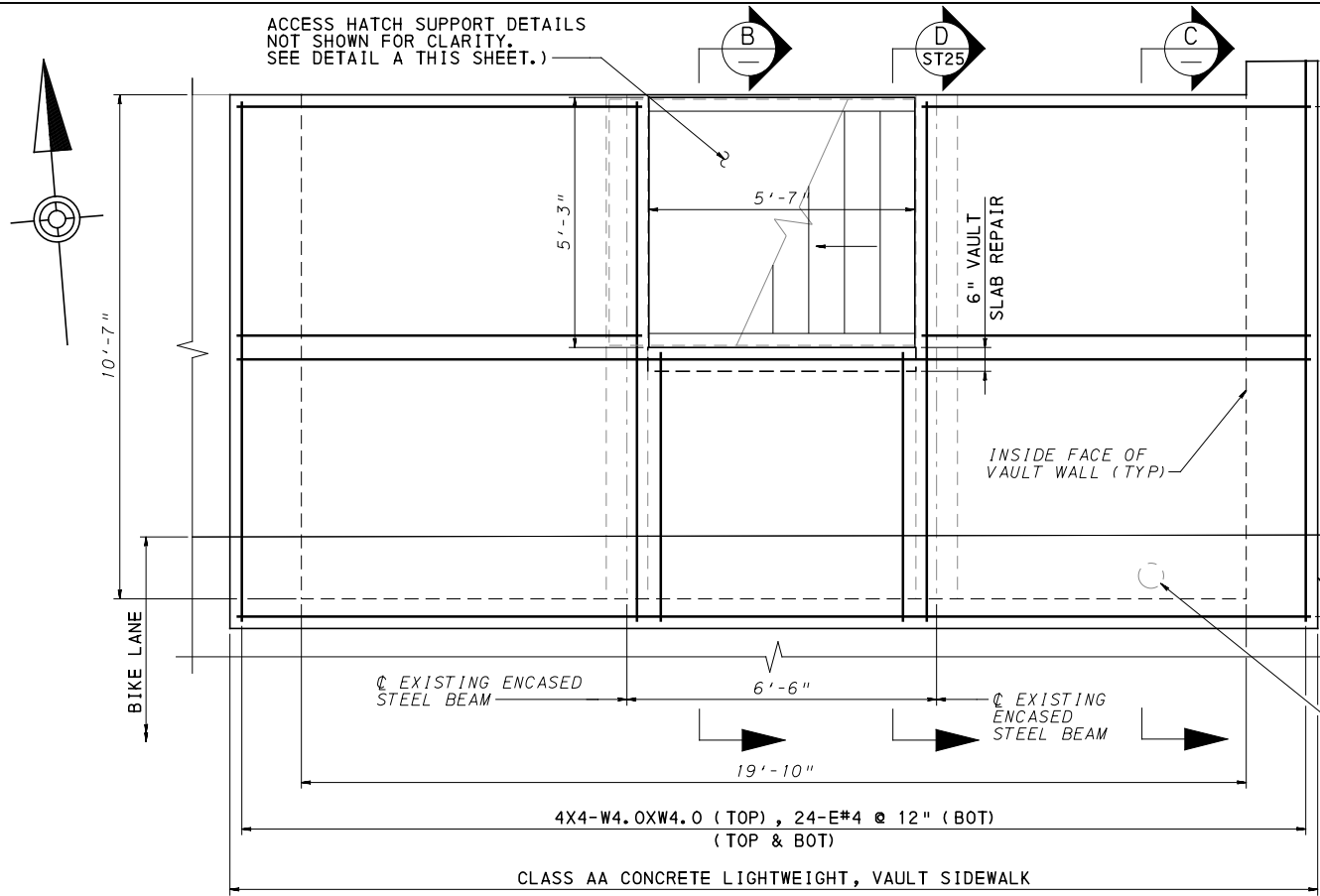
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 STRUCTURAL PLANS
 VAULT SLAB REMOVAL - FORBES AVE STA 163+90.86

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. ST23 SHT. 807



NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- FOR INDEX OF DRAWINGS, SEE SHEETS 3-16
- FOR PIPE ADJUSTMENT IN VAULT ROOF DETAILS, SEE SHEET 826
- MATCH ELEVATIONS AND CROSS-SLOPES TO PROPOSED SIDWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS SECTIONS.
- ADJUST HATCH FRAME LENGTH IF NECESSARY TO SUPPORT THE FRAME OVER EXISTING BEAMS.
- PROVIDE THE NUMBER AND TYPE OF ANCHOR PER MANUFACTURER'S RECOMMENDATIONS.
- SEE DWG ST25 FOR STAIR REINSTALLATION DETAILS.
- L4x4x1/2, 4"x1/2" PLATE, FILL PLATES, AND L6x6x1/2 ARE INCIDENTAL TO SIDWALK HATCH REPLACEMENT.
- USE EPOXY COATED FLAT WELDED WIRE FABRIC SHEETS.



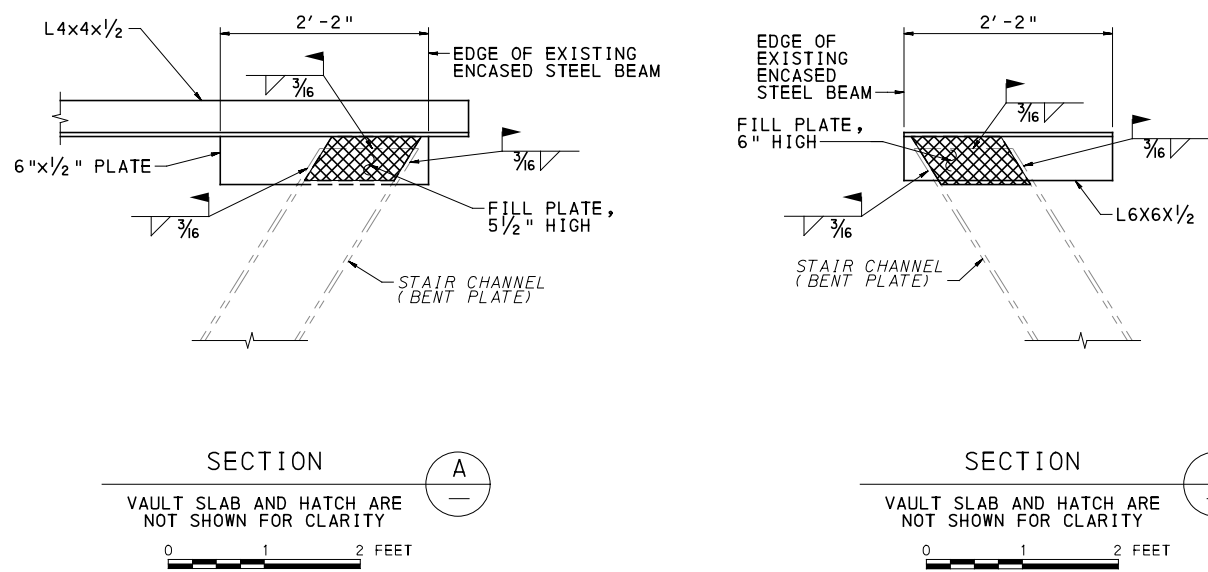
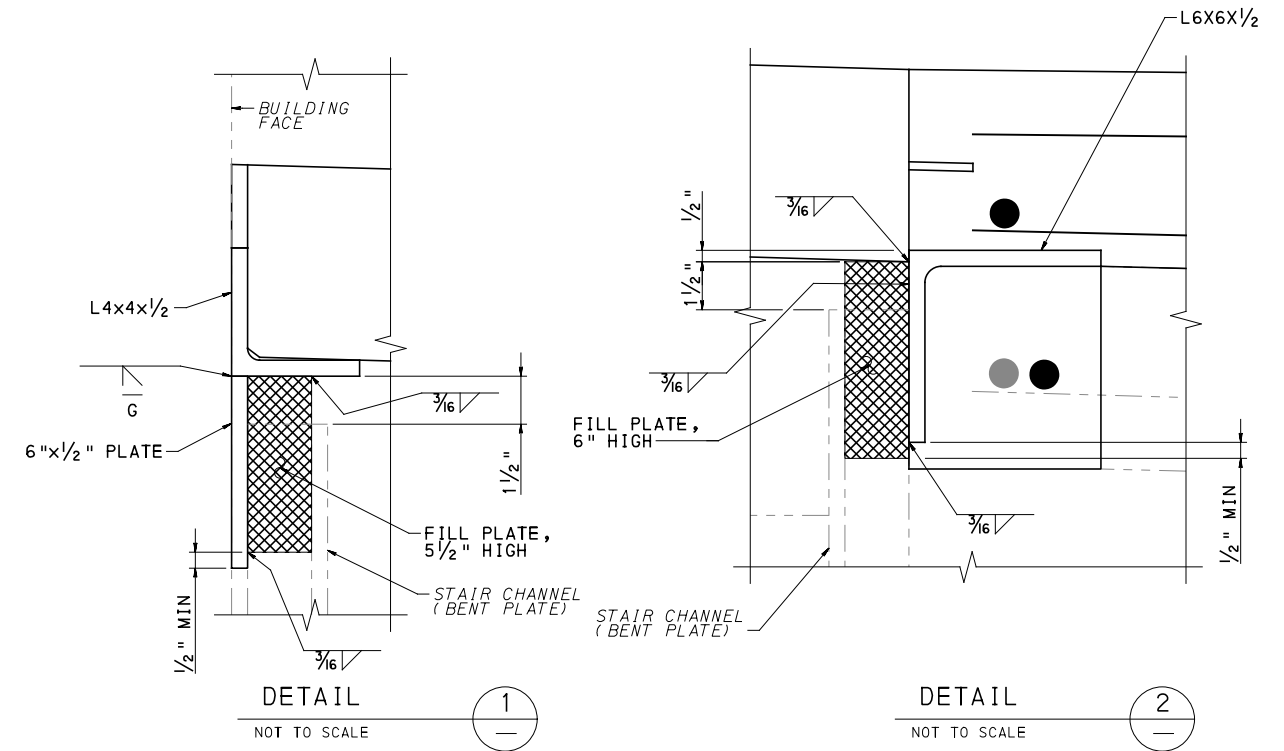
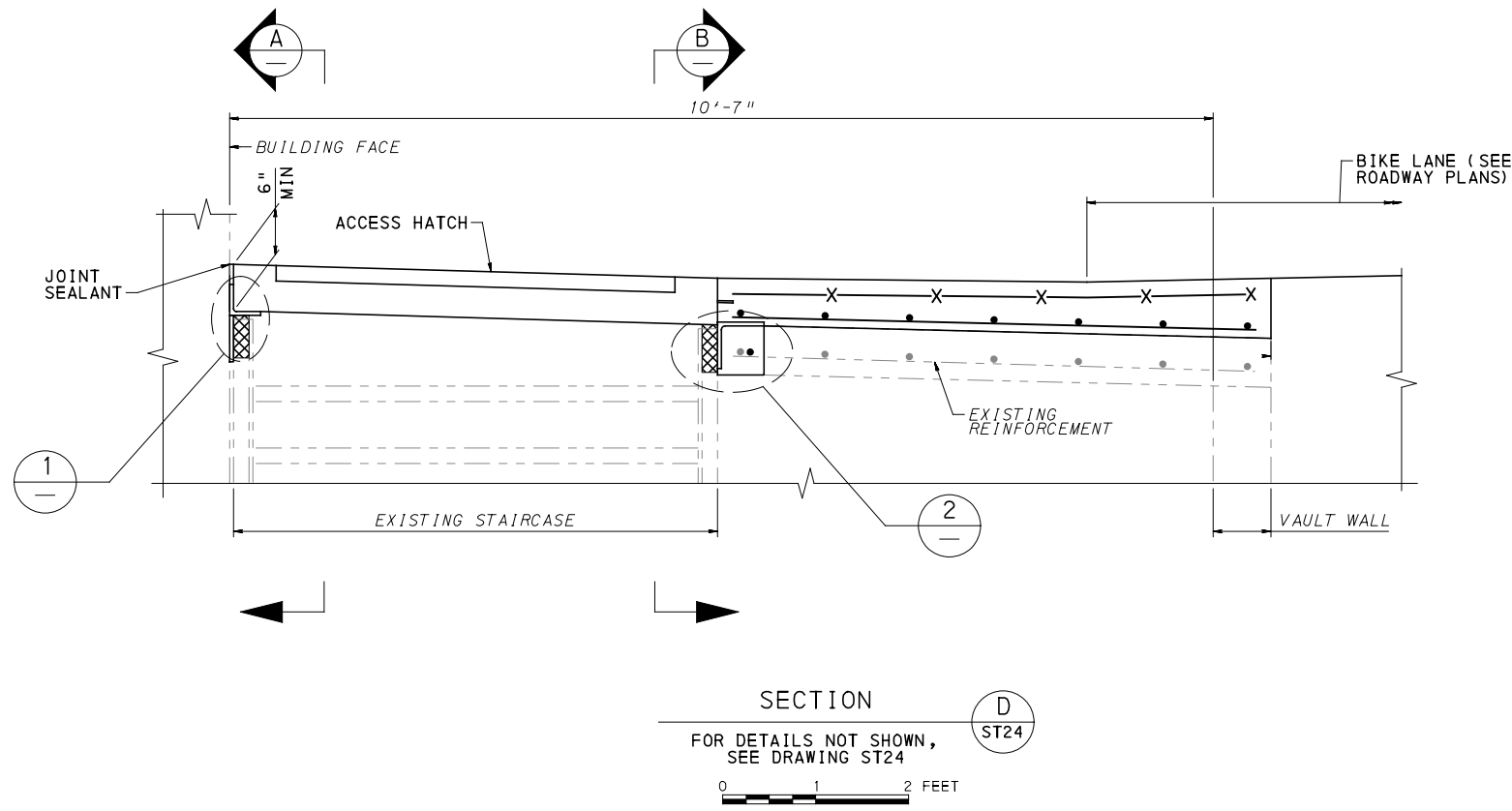
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	DWG. NO. ST24	SHT. 808



SUGGESTED STAIR REINSTALLATION SEQUENCE

1. REMOVE THE STAIR CHANNEL TO A POINT 1 1/2-INCH BELOW THE TOP OF THE FILL PLATE. GRIND TO REMOVE ANY SHARP CORNERS OR EDGES.
2. BEVEL EDGE OF FILL PLATE TO ACCOUNT FOR THE BEND OF THE CHANNEL.
3. SHOP WELD FILL PLATE TO ANGLE PRIOR TO INSTALLATION. SLIDE FILL PLATE AND ANGLE ASSEMBLY INTO PLACE.
4. PREPARE BASE METAL SURFACES USING POWER TOOLS ACCORDING TO SSPC-SP-3. WELD STAIR CHANNEL TO FILL PLATE AND ANGLE ASSEMBLY.
5. REPEAT ABOVE STEPS TO CONNECT OPPOSITE STAIR CHANNEL AND ANGLE ASSEMBLY.
6. SPOT PAINT WELDED AREAS.

LEGEND:

▨ FILL PLATE

NOTES:

1. FOR GENERAL NOTES, SEE SHEET 785
2. FOR INDEX OF DRAWINGS, SEE SHEETS 3-16
3. FOR VAULT SLAB MODIFICATION, SEE SHEET 808
4. L4x4x1/2, 4"x1/2" PLATE, FILL PLATES, AND L6x6x1/2 ARE INCIDENTAL TO SIDEWALK HATCH REPLACEMENT.
5. FIELD VERIFY ALL STAIR DIMENSIONS INCLUDING MEMBER SIZES AND ADJUST PROPOSED STRUCTURAL STEEL DIMENSIONS PRIOR TO FABRICATION OF STRUCTURAL STEEL FOR REATTACHMENT OF STAIR TO THE VAULT SLAB.

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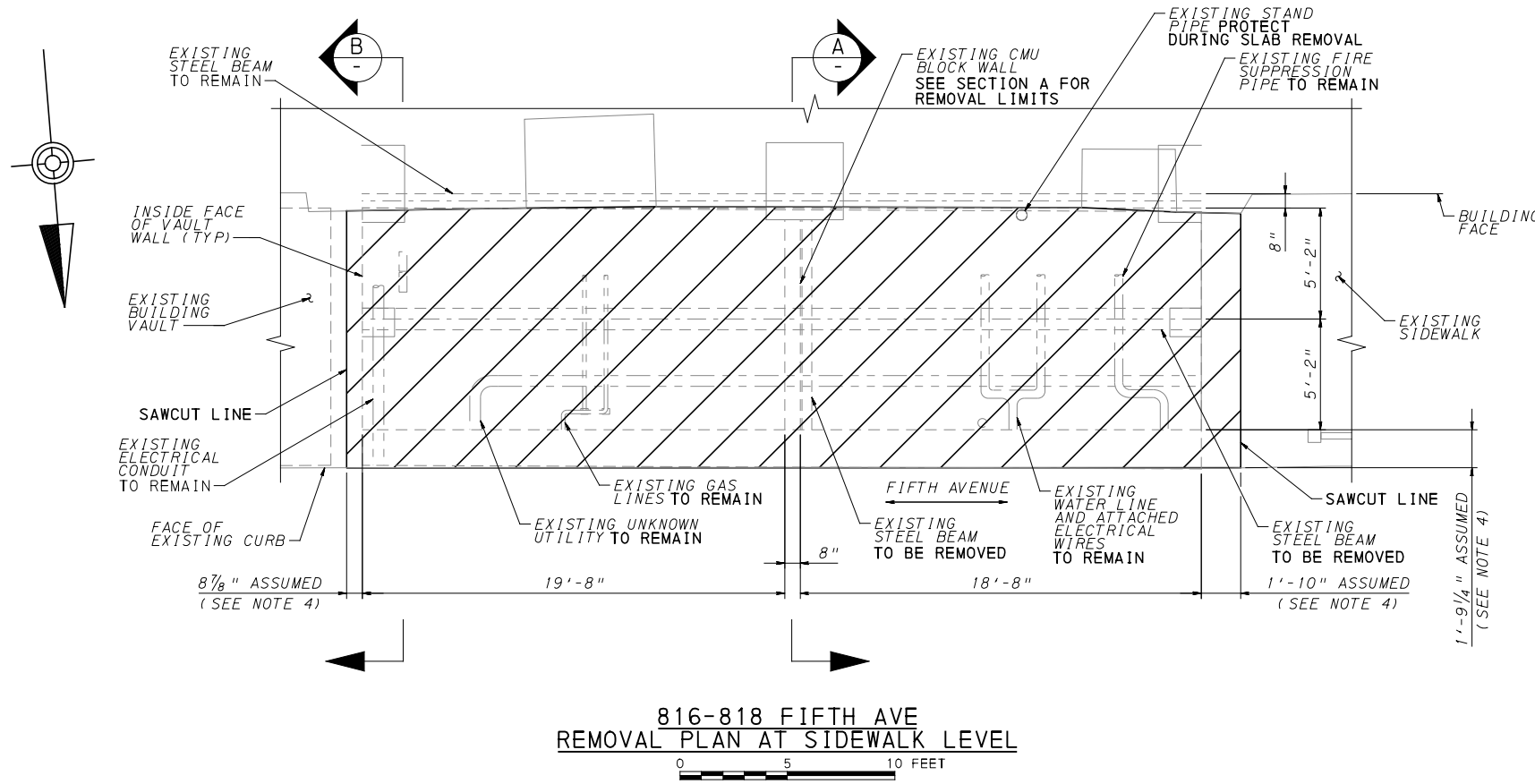
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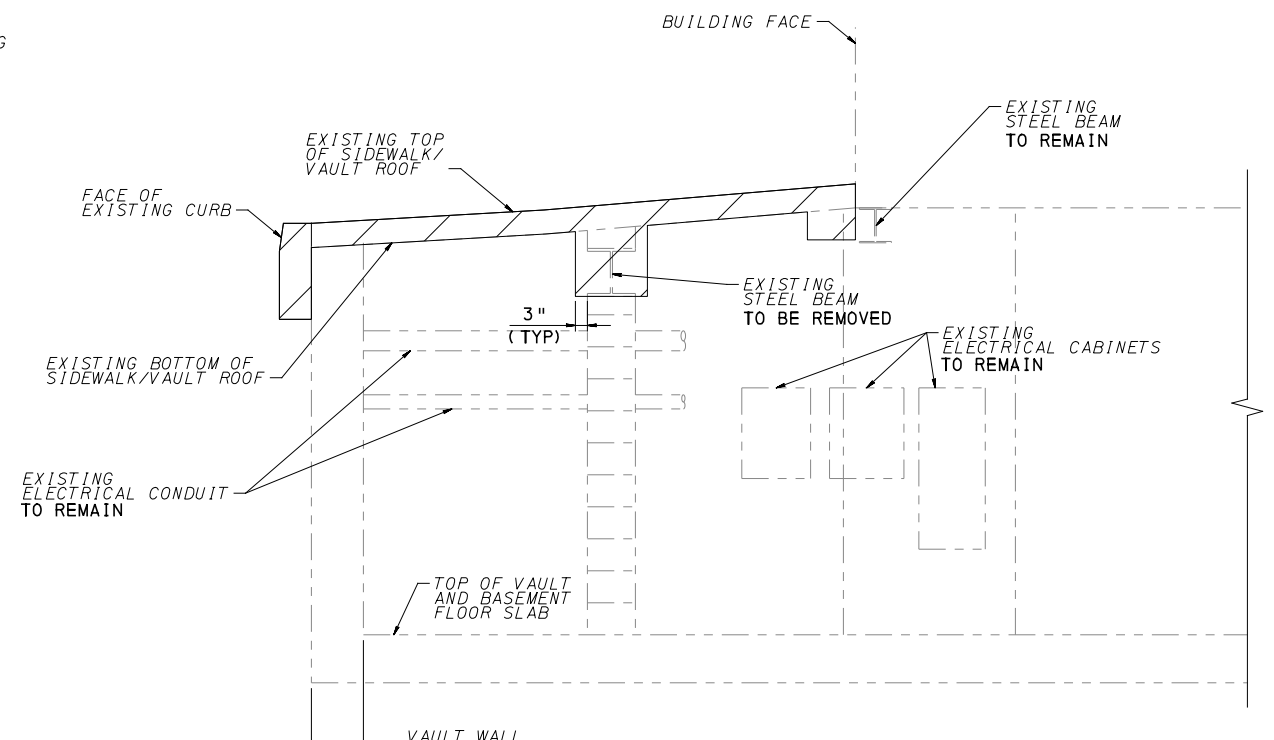
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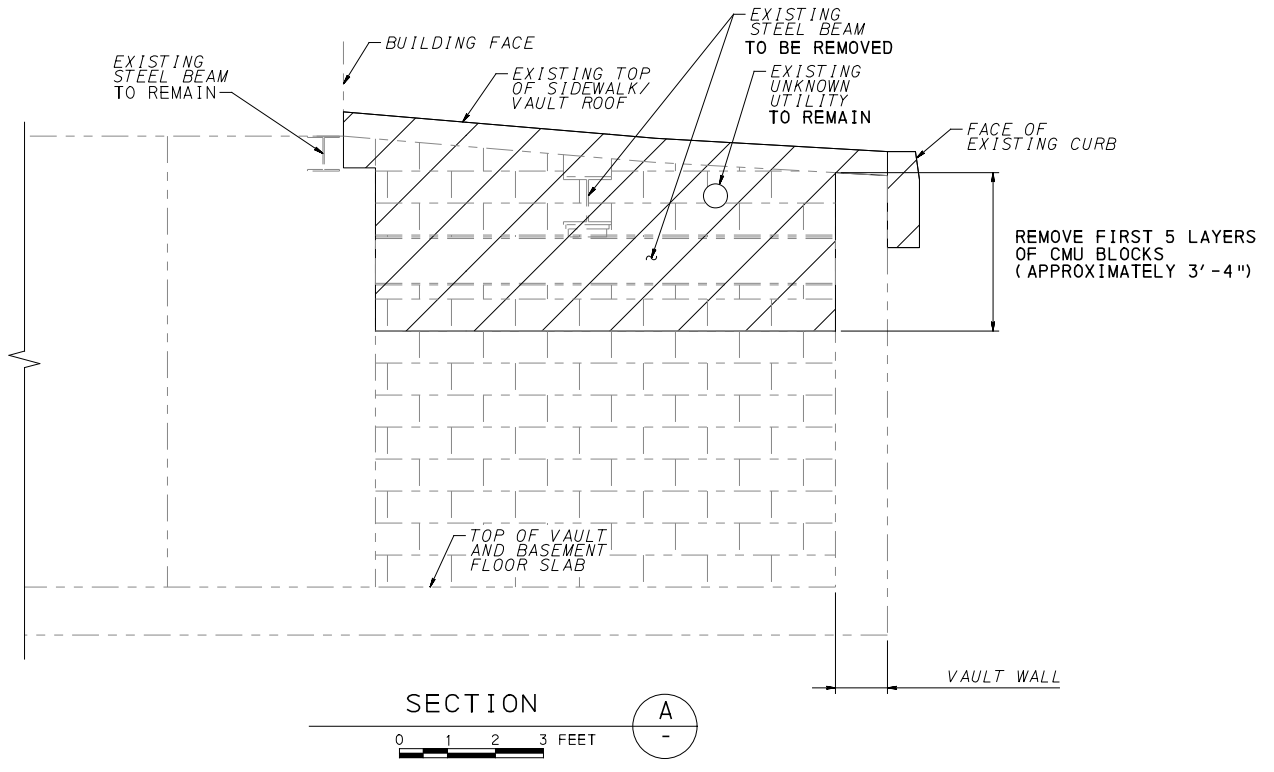
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	DWG. NO. ST25	SHT. 809



816-818 FIFTH AVE
 REMOVAL PLAN AT SIDEWALK LEVEL
 0 5 10 FEET



SECTION B
 0 1 2 3 FEET



SECTION A
 0 1 2 3 FEET

LEGEND



NOTES:

1. FOR GENERAL NOTES, SEE SHEET 785
2. FOR LOCATION OF VAULT, SEE SHEET 390
3. CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
4. VAULT WALL THICKNESS, ROOF THICKNESS, BEAMS, AND CURB DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
5. WHERE REMOVAL OF PORTION OF THE EXISTING CONCRETE IS INDICATED, MAKE DELINEATING SAWCUTS ON ALL EXPOSED FACES. ADJUST THE DEPTH OF CUT AS REQUIRED TO AVOID DAMAGING REINFORCEMENT BARS TO REMAIN. USE HAND TOOLS FOR REMOVING CONCRETE. CARE MUST BE TAKEN DURING REMOVAL BY USE OF PNEUMATIC HAMMERS TO REMOVE CONCRETE IN A FASHION THAT PROVIDES A NEAT JOINT FOR THE PROPOSED CONSTRUCTION.
6. BLAST CLEAN ALL EXPOSED REINFORCEMENT TO REMAIN AND APPLY AN APPROVED EPOXY PAINT FOR EPOXY COATED EXISTING REINFORCEMENT BARS OR NEAT CEMENT FOR NON-EPOXY COATED REINFORCEMENT BARS.

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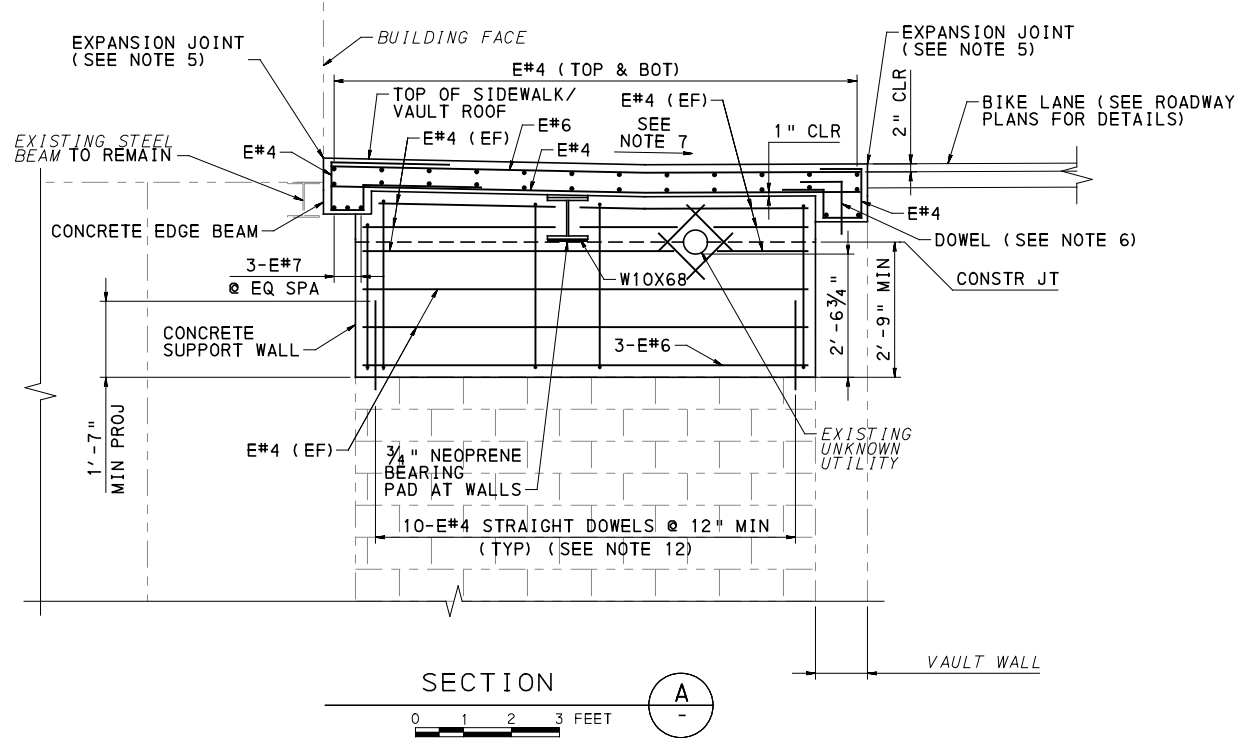
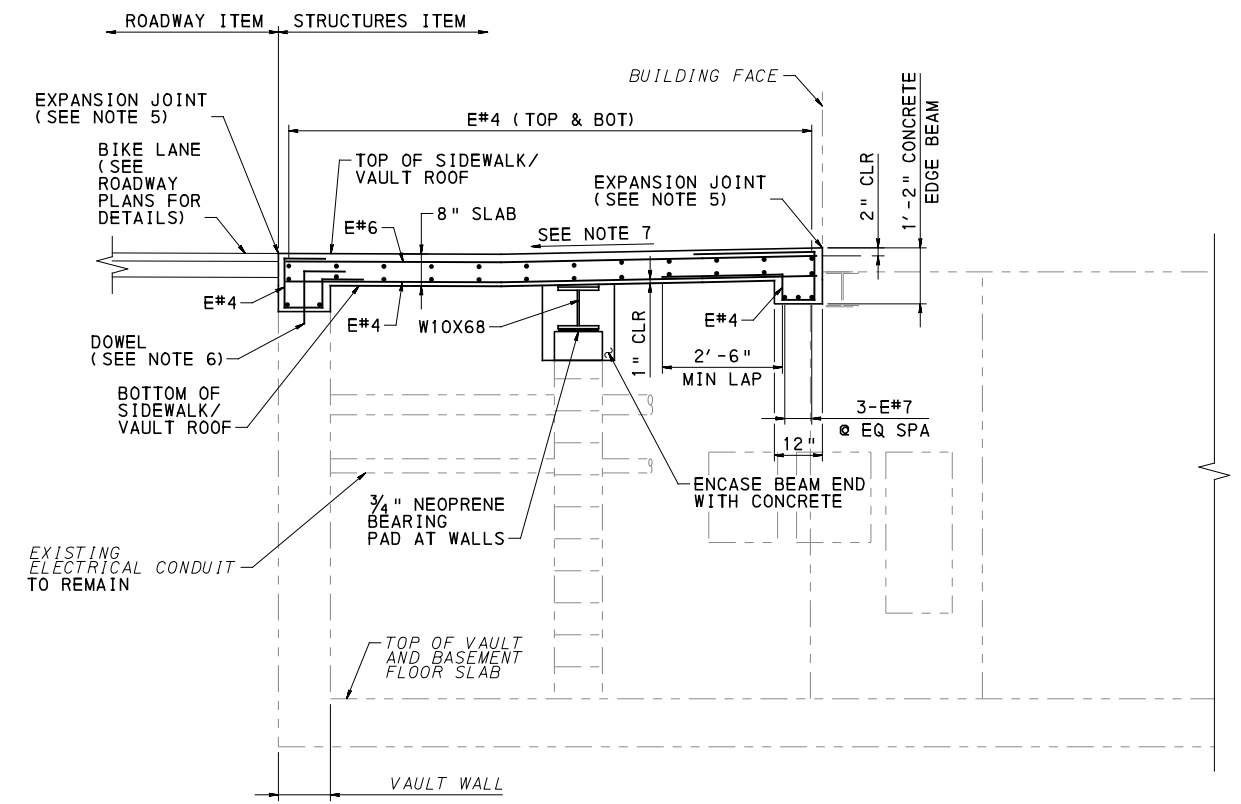
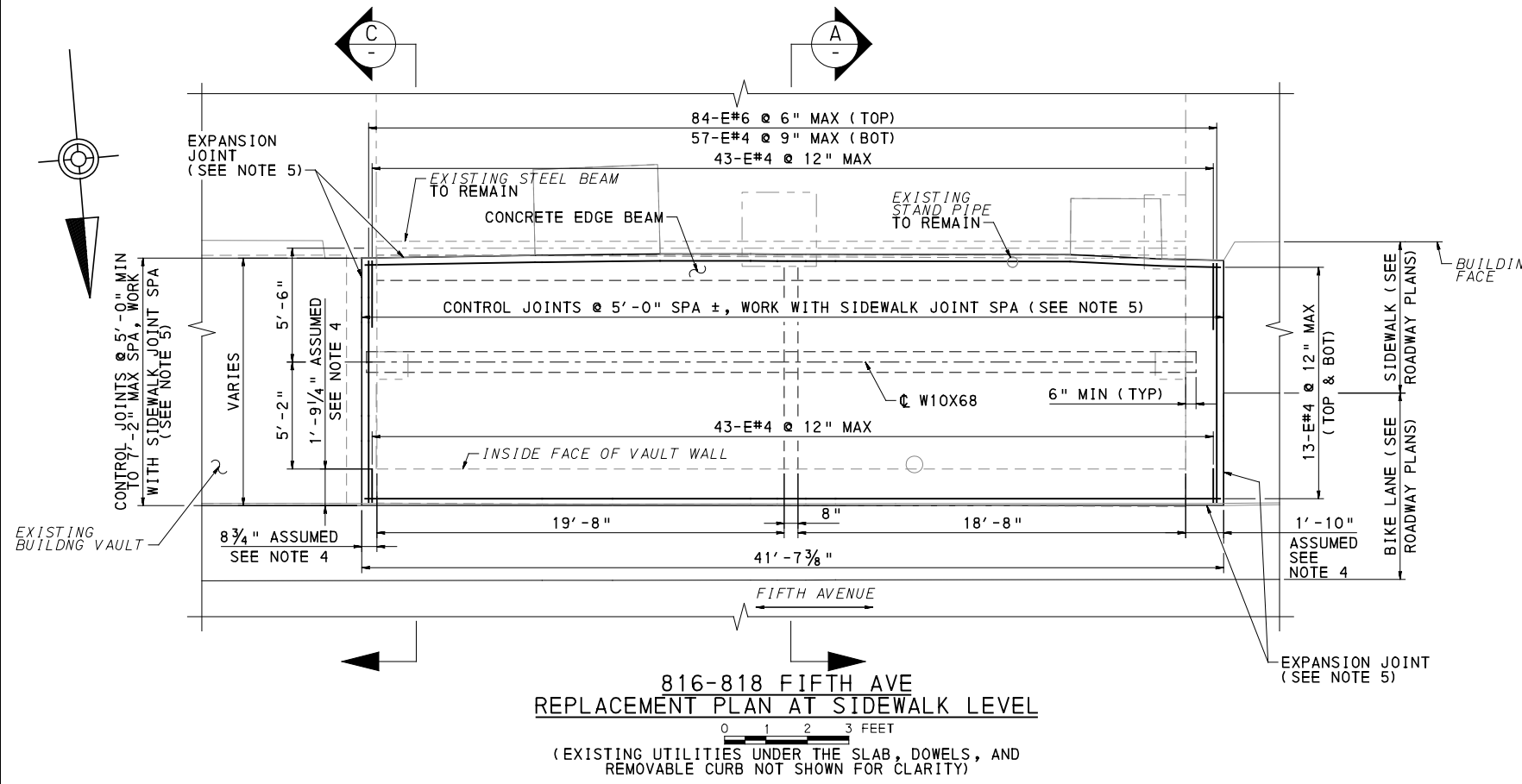
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST26	SHT. 810



NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- FOR LOCATION OF VAULT, SEE SHEET 390
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- FOR EXPANSION JOINT AND CONTROL JOINT DETAILS, SEE SHEET 826
- SPACE DOWELS AT 12" MAX ALONG THE VAULT WALLS. TOTAL NUMBER OF DOWELS = 67. FOR DOWEL DETAILS, SEE SHEET 816
- MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
- REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
- USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
- UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
 - #4 BAR = 2'-5"
 - #5 BAR = 3'-0"
 - #6 BAR = 3'-7"
 - #7 BAR = 4'-2"
- PROVIDE NEOPRENE BEARING PAD IN ACCORDANCE WITH TECHNICAL PROVISION 05120.
- IF LOCATIONS OF DOWELS FALL WITHIN HOLLOW CORES OF CMU BLOCKS, FILL VOID WITH NONSHRINK GROUT, DOWEL INTO NONSHRINK GROUT AFTER HARDENING. FOR STRAIGHT DOWEL DETAILS, SEE SHEET 816
- ALL ITEMS OF WORK FOR VAULT SLAB REPLACEMENT ARE INCIDENTAL TO ITEM 03305.002, CLASS AA CONCRETE MODIFIED, VAULT ROOF AND WALL.



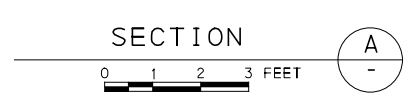
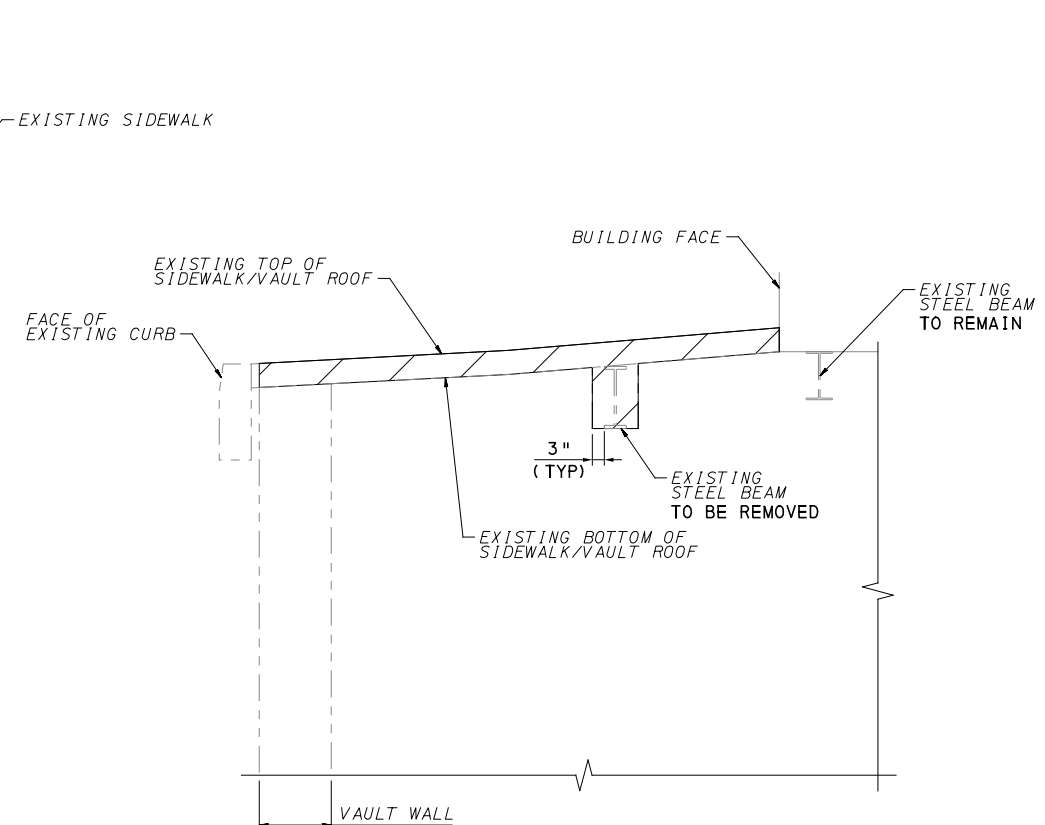
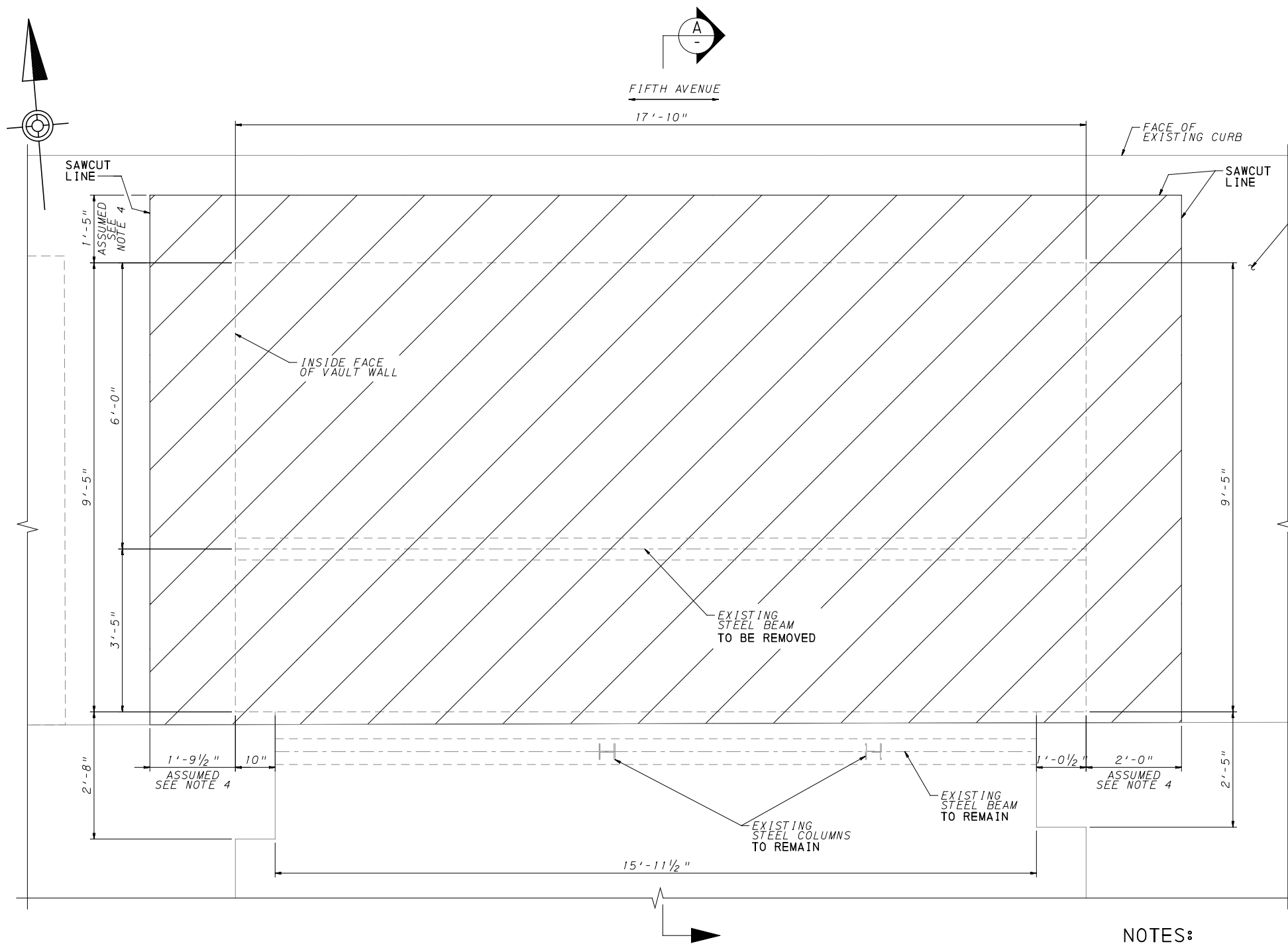
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. ST27 SHT. 811



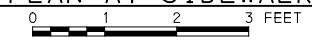
LEGEND



NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- FOR LOCATION OF VAULT, SEE SHEET 358
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, BEAMS, AND CURB DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- WHERE REMOVAL OF PORTION OF THE EXISTING CONCRETE IS INDICATED, MAKE DELINEATING SAWCUTS ON ALL EXPOSED FACES. ADJUST THE DEPTH OF CUT AS REQUIRED TO AVOID DAMAGING REINFORCEMENT BARS TO REMAIN. USE HAND TOOLS FOR REMOVING CONCRETE. CARE MUST BE TAKEN DURING REMOVAL BY USE OF PNEUMATIC HAMMERS TO REMOVE CONCRETE IN A FASHION THAT PROVIDES A NEAT JOINT FOR THE PROPOSED CONSTRUCTION.
- BLAST CLEAN ALL EXPOSED REINFORCEMENT TO REMAIN AND APPLY AN APPROVED EPOXY PAINT FOR EPOXY COATED EXISTING REINFORCEMENT BARS OR NEAT CEMENT FOR NON-EPOXY COATED REINFORCEMENT BARS.

**1020 FIFTH AVE
REMOVAL PLAN AT SIDEWALK LEVEL**



AECOM
Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

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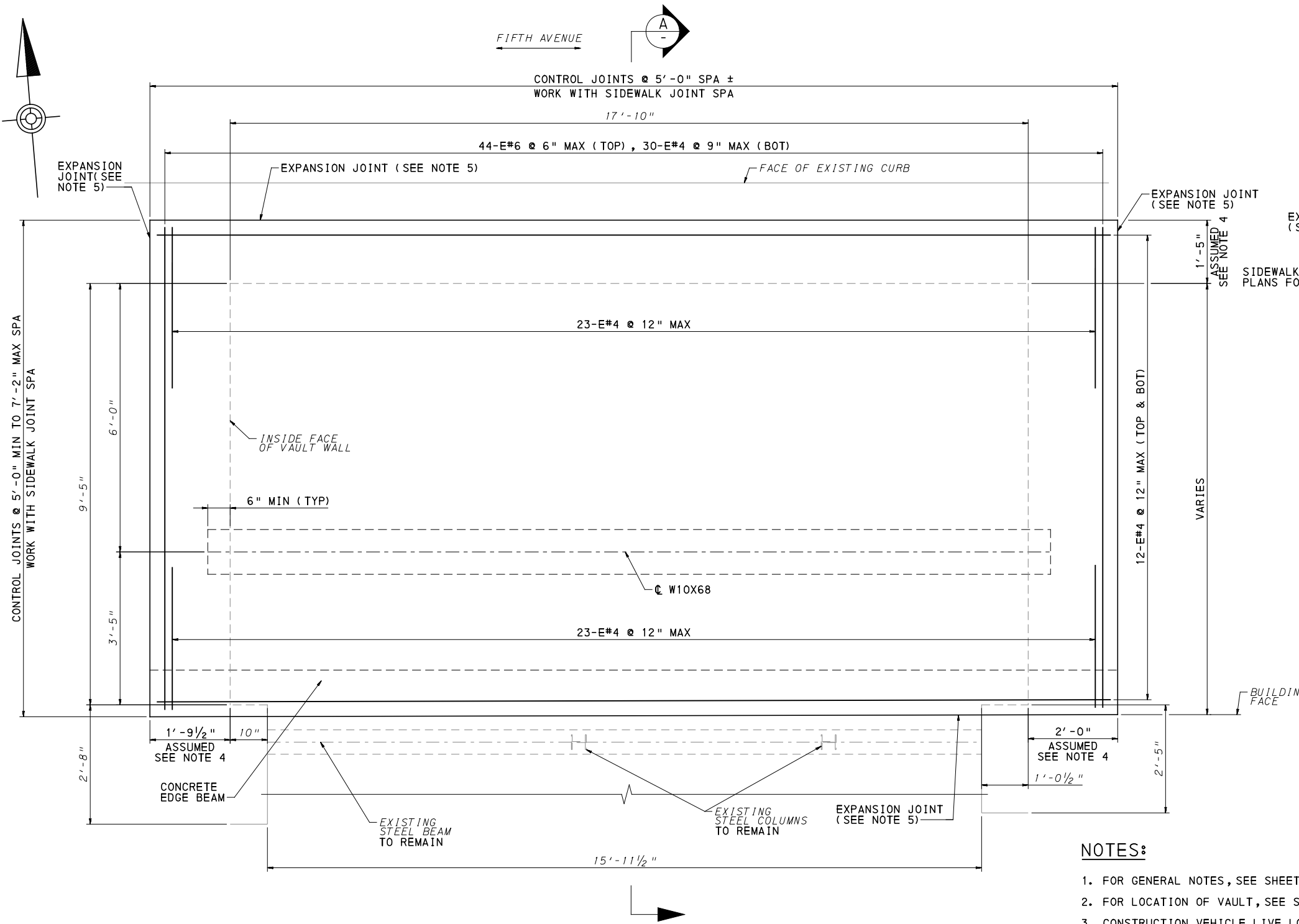
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CHECKED	WJC
IN CHARGE	RK
DATE	05/01/24
SCALE	AS SHOWN

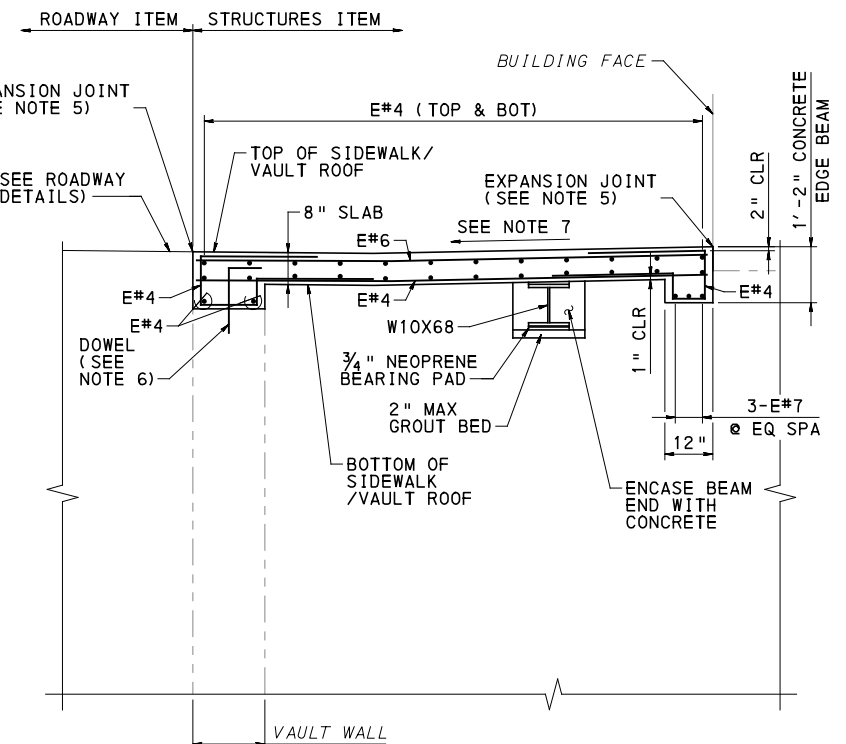
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS VAULT SLAB REMOVAL - FIFTH AVE STA 442+54.33		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST28	SHT. 812

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1020 FIFTH AVE
REPLACEMENT PLAN AT SIDEWALK LEVEL
0 1 2 3 FEET
(DOWELS NOT SHOWN FOR CLARITY)



NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- FOR LOCATION OF VAULT, SEE SHEET 358
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- FOR EXPANSION JOINT AND CONTROL JOINT DETAILS, SEE SHEET 826
- SPACE DOWELS AT 12" MAX ALONG THE VAULT WALLS. TOTAL NUMBER OF DOWELS = 45. FOR DOWEL DETAILS, SEE SHEET 816
- MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
- REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
- USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
- UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
 - #4 BAR = 2'-5"
 - #5 BAR = 3'-0"
 - #6 BAR = 3'-7"
 - #7 BAR = 4'-2"
- PROVIDE NEOPRENE BEARING PAD IN ACCORDANCE WITH TECHNICAL PROVISION 05120.
- ALL ITEMS OF WORK FOR VAULT SLAB REPLACEMENT ARE INCIDENTAL TO ITEM 03305.002, CLASS AA CONCRETE MODIFIED, VAULT ROOF AND WALL.



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5th Floor
Pittsburgh, PA 15219

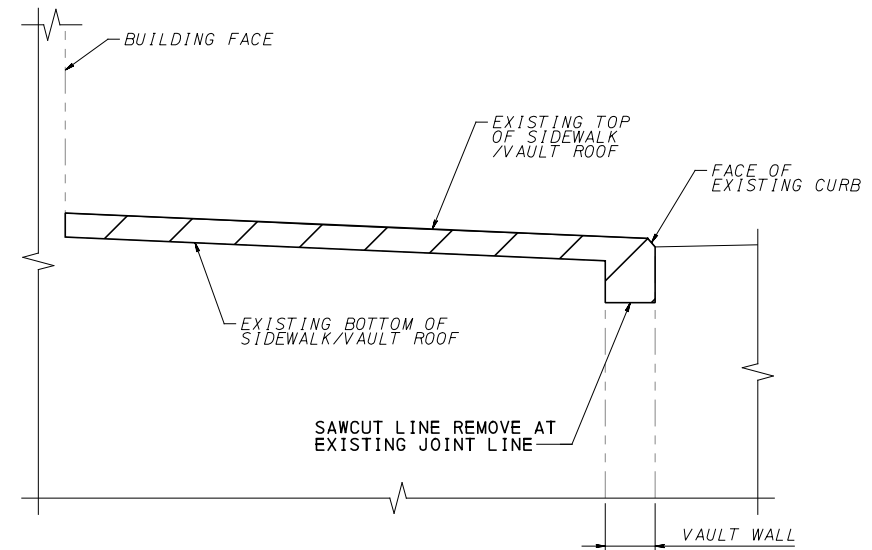
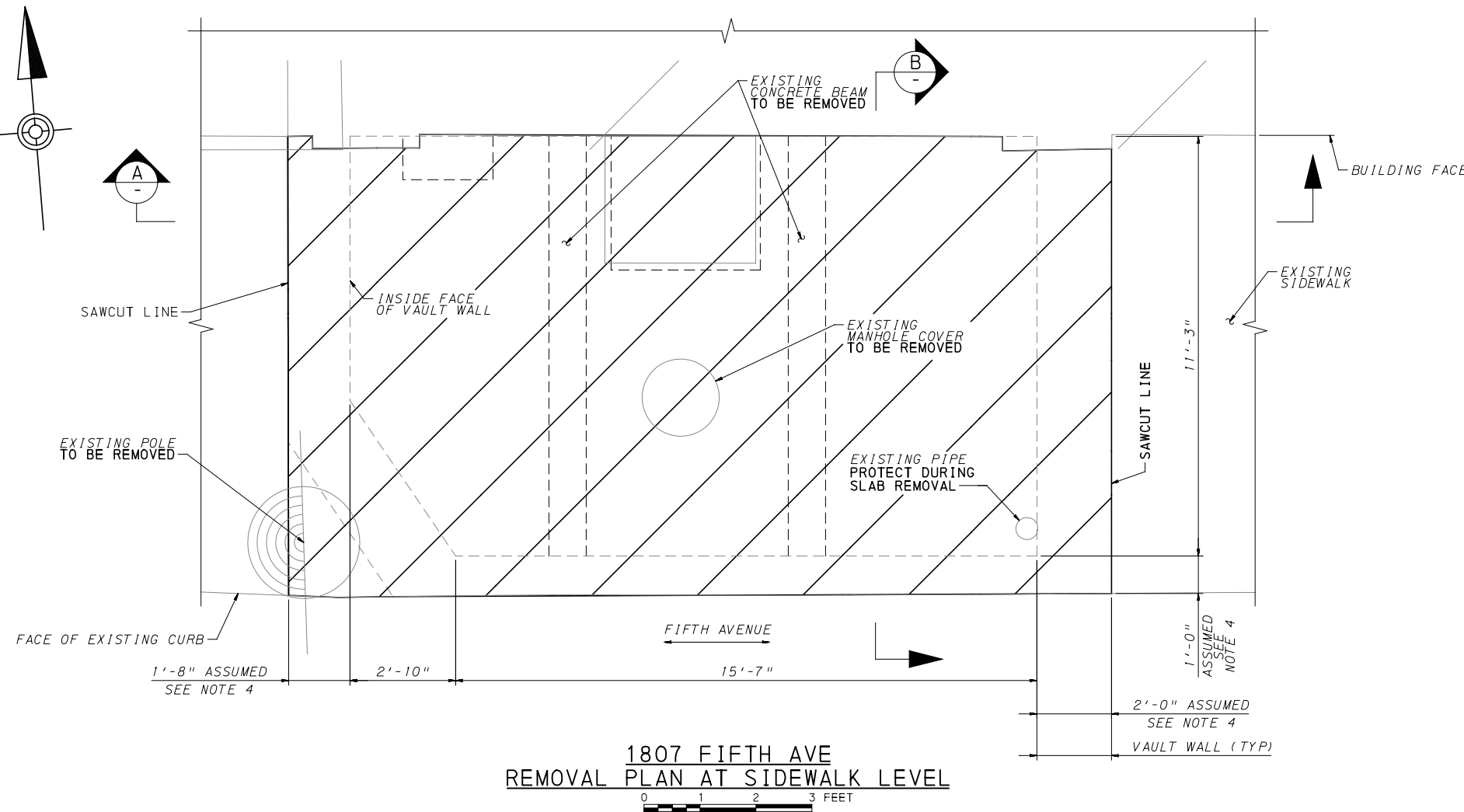
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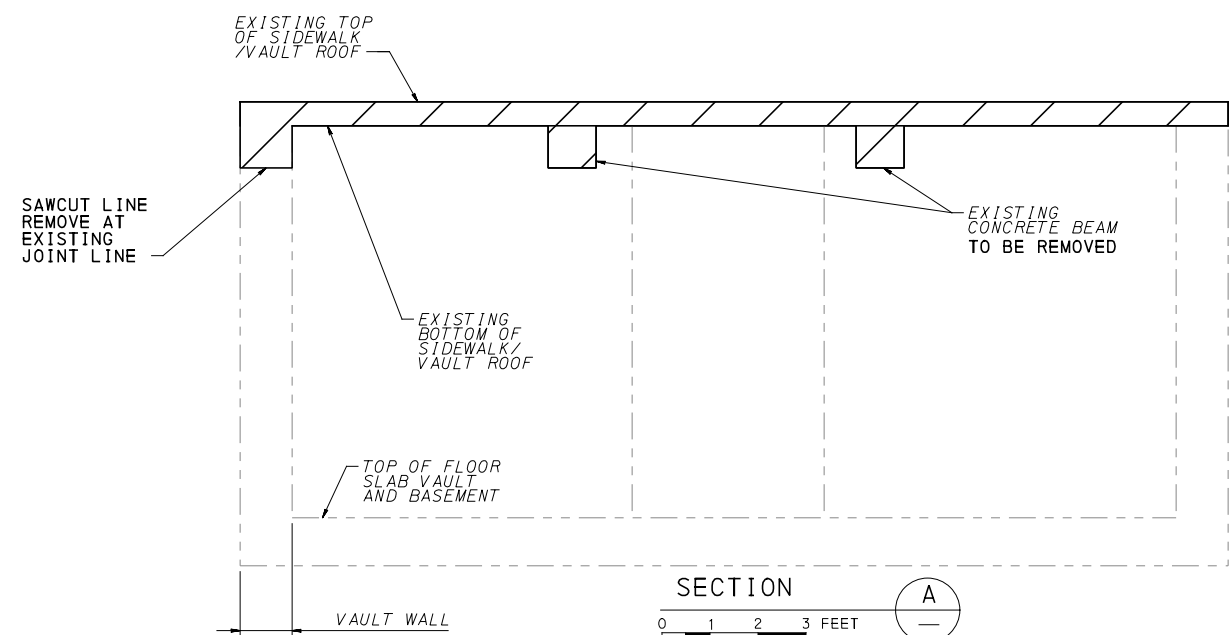
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS VAULT SLAB REPLACEMENT - FIFTH AVE STA 442+54.33		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST29	SHT. 813



SECTION B
0 1 2 3 FEET



SECTION A
0 1 2 3 FEET

LEGEND



NOTES:

- FOR GENERAL NOTES, SEE SHEET 791
- FOR LOCATION OF VAULT, SEE SHEET 793
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, BEAMS, AND CURB DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- WHERE REMOVAL OF PORTION OF THE EXISTING CONCRETE IS INDICATED, MAKE DELINEATING SAWCUTS ON ALL EXPOSED FACES. ADJUST THE DEPTH OF CUT AS REQUIRED TO AVOID DAMAGING REINFORCEMENT BARS TO REMAIN. USE HAND TOOLS FOR REMOVING CONCRETE. CARE MUST BE TAKEN DURING REMOVAL BY USE OF PNEUMATIC HAMMERS TO REMOVE CONCRETE IN A FASHION THAT PROVIDES A NEAT JOINT FOR THE PROPOSED CONSTRUCTION.
- BLAST CLEAN ALL EXPOSED REINFORCEMENT TO REMAIN AND APPLY AN APPROVED EPOXY PAINT FOR EPOXY COATED EXISTING REINFORCEMENT BARS OR NEAT CEMENT FOR NON-EPOXY COATED REINFORCEMENT BARS.

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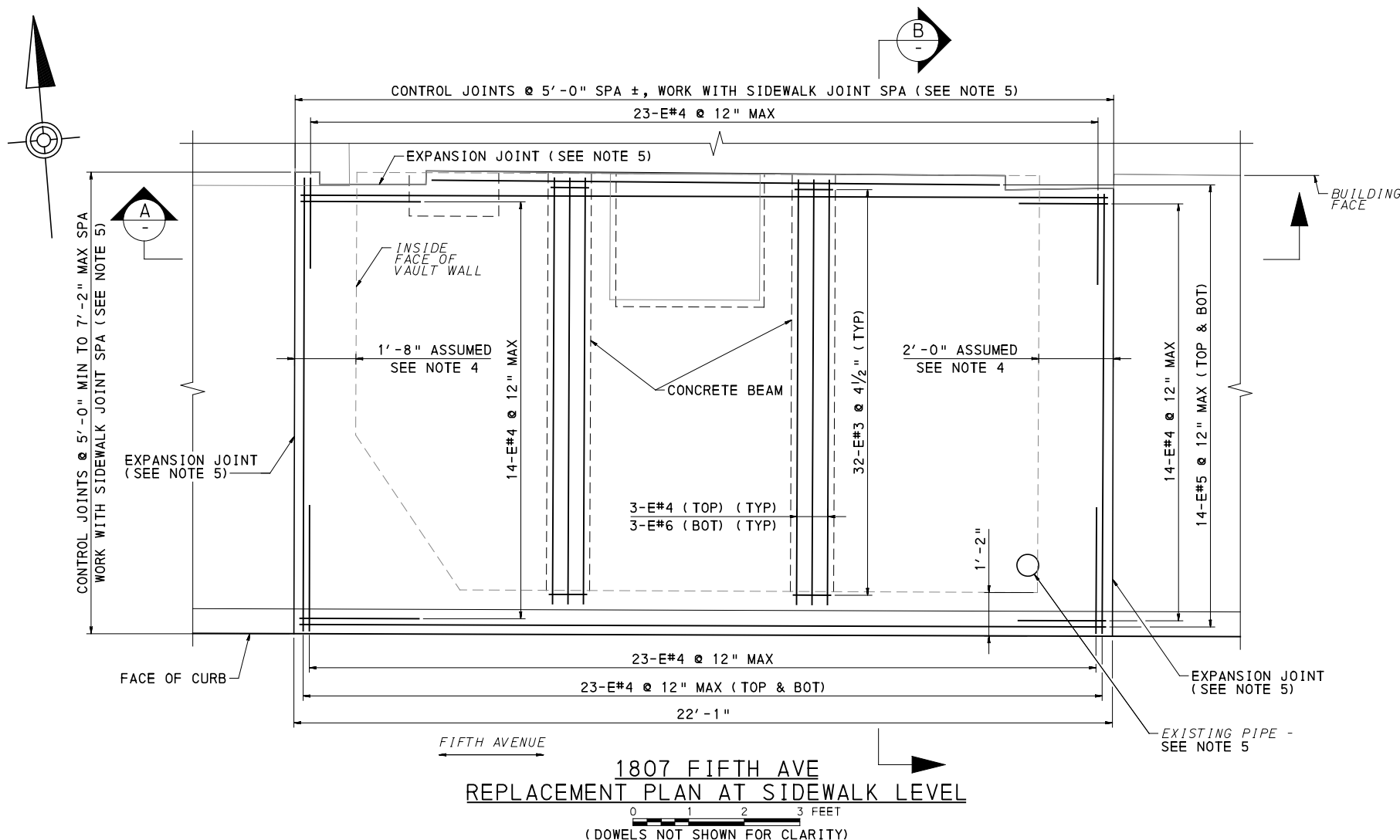
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

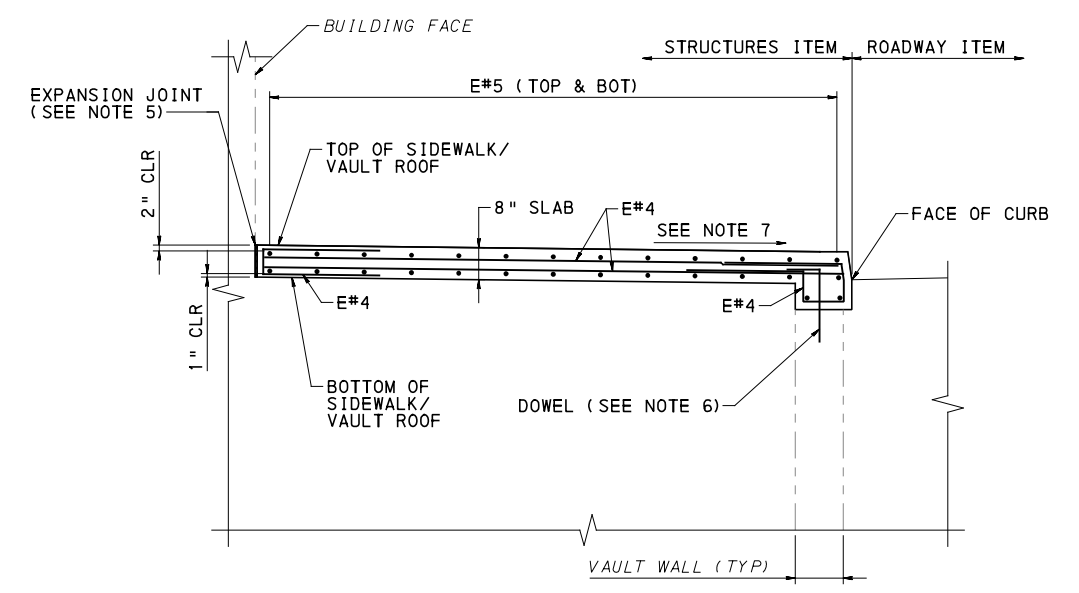
BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
VAULT SLAB REMOVAL - FIFTH AVE STA 469+59.93

Port Authority connecting people to life™

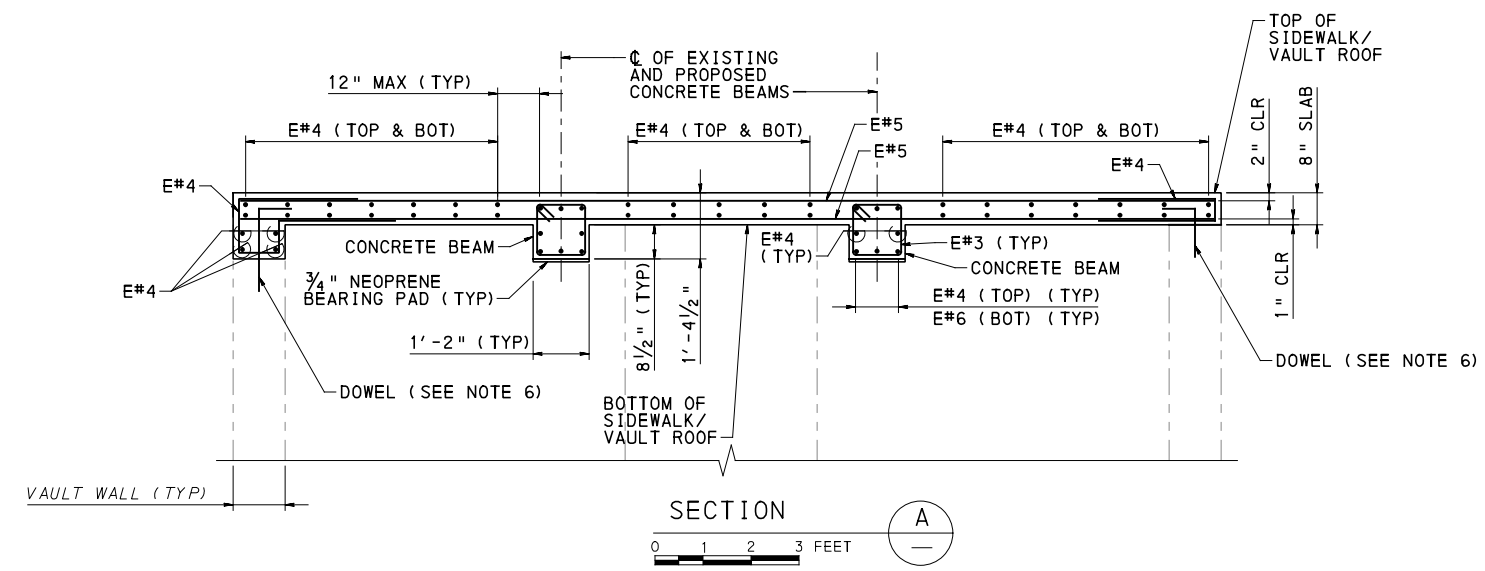
CONTRACT NO. BRT-001
DWG. NO. ST30 SHT. 814



1807 FIFTH AVE
REPLACEMENT PLAN AT SIDEWALK LEVEL
0 1 2 3 FEET
(DOWELS NOT SHOWN FOR CLARITY)



SECTION B
0 1 2 3 FEET



SECTION A
0 1 2 3 FEET

NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- FOR LOCATION OF VAULT, SEE SHEET 363
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- FOR PIPE ADJUSTMENT IN VAULT ROOF, EXPANSION JOINT, AND CONTROL JOINT DETAILS, SEE SHEET 826
- SPACE DOWELS AT 12" MAX ALONG THE VAULT WALLS. TOTAL NUMBER OF DOWELS = 49. FOR DOWEL DETAILS, SEE SHEET 816
- MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
- REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
- USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
- UNLESS NOTED OTHERWISE USE THE FOLLOWING MINIMUM LAP SPLICE:
#4 BAR = 2'-5"
#5 BAR = 3'-0"
#6 BAR = 3'-7"
#7 BAR = 4'-2"
- ALL ITEMS OF WORK FOR VAULT SLAB REPLACEMENT ARE INCIDENTAL TO ITEM Q3305.002, CLASS AA CONCRETE MODIFIED, VAULT ROOF AND WALL.



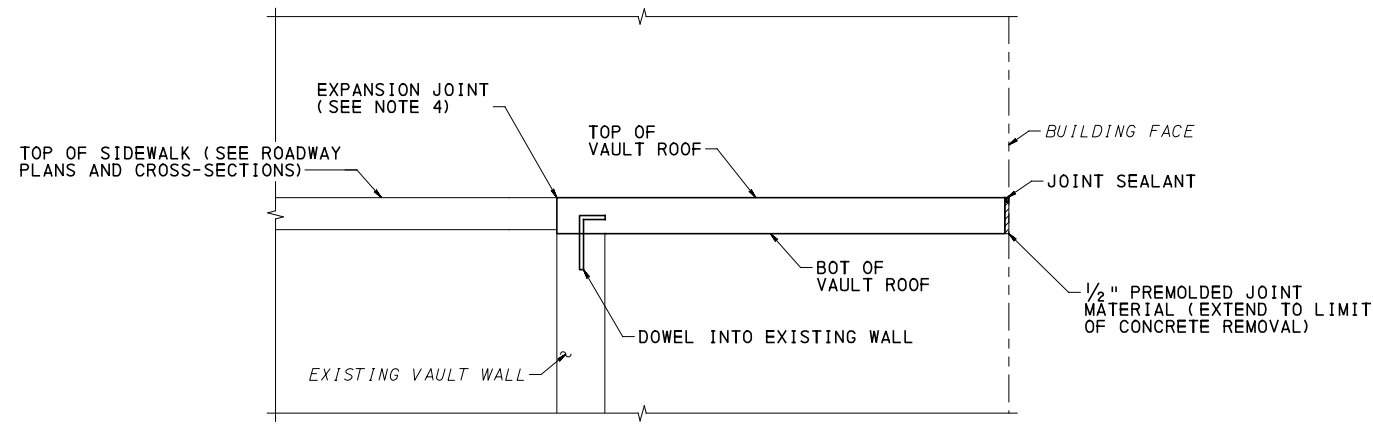
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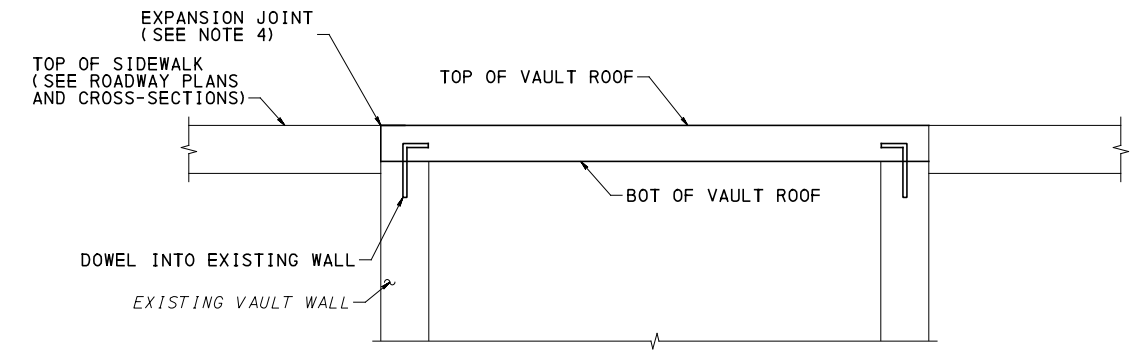
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DATE	05/01/24
SCALE	AS SHOWN

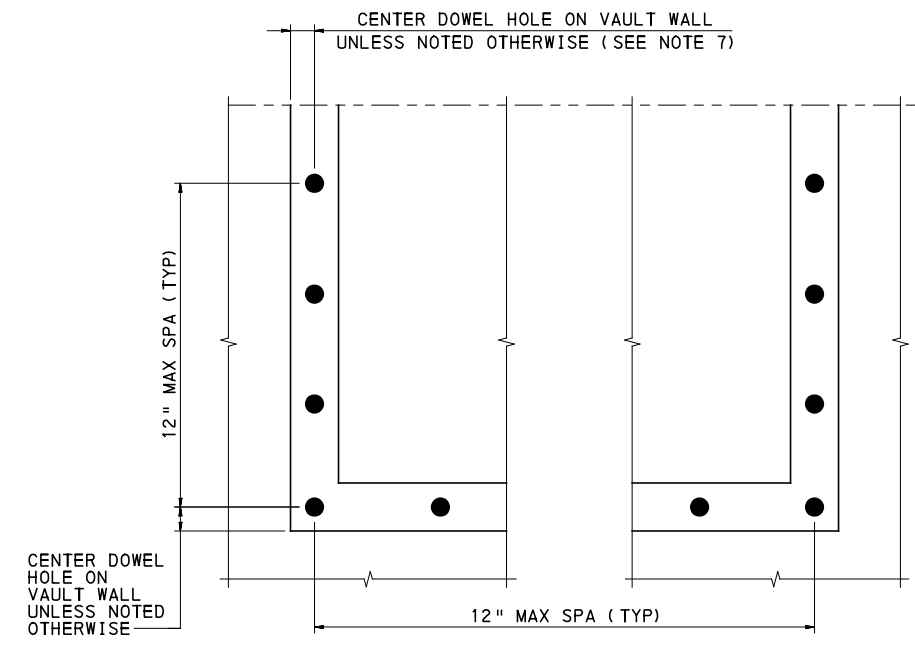
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS VAULT SLAB REPLACEMENT - FIFTH AVE STA 469+59.93	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. ST31	SHT. 815



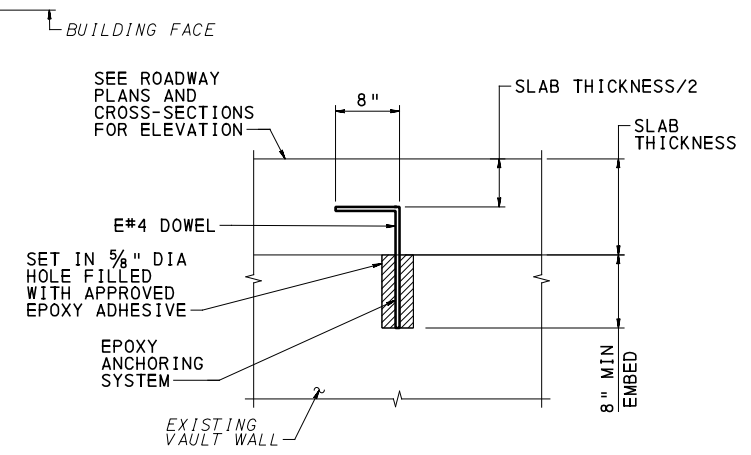
TYPICAL SECTION PERPENDICULAR TO BUILDING FACE
NTS



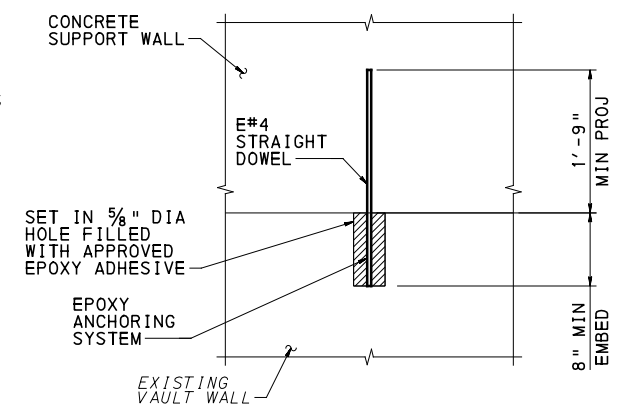
TYPICAL SECTION PARALLEL TO BUILDING FACE
NTS



PLAN SCHEMATIC
NTS



DOWEL DETAIL
NTS



STRAIGHT DOWEL DETAIL
NTS

VAULT ROOF REPLACEMENT DOWELS

NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- FOR EXPANSION JOINT DETAILS, SEE SHEET 826
- REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
- USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
- IF THE CENTER OF HOLE TO FACE OF WALL IS LESS THAN 4", NOTIFY ENGINEER FOR FURTHER DIRECTION.

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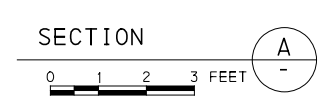
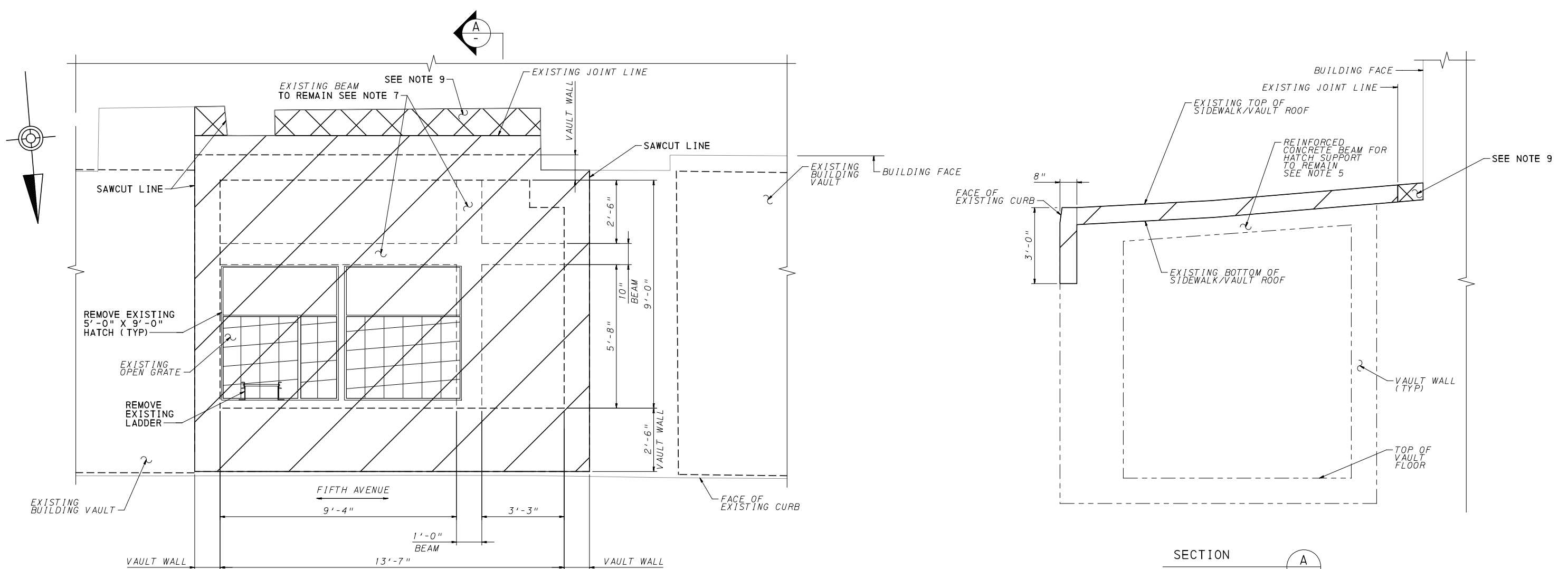
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IN CHARGE	RK
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS VAULT SLAB REPLACEMENT DETAILS		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST32	SHT. 816



LEGEND

	LIMITS OF SIDEWALK SLAB REMOVAL (AREA 1)
	LIMITS OF REMOVAL (AREA 2)

**900 FIFTH AVE
REMOVAL PLAN AT SIDEWALK LEVEL**

0 1 2 3 FEET

NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- FOR LOCATION OF VAULT, SEE SHEET 357
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, BEAMS, AND CURB DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- WHERE REMOVAL OF PORTION OF THE EXISTING CONCRETE IS INDICATED, MAKE DELINEATING SAWCUTS ON ALL EXPOSED FACES. ADJUST THE DEPTH OF CUT AS REQUIRED TO AVOID DAMAGING REINFORCEMENT BARS TO REMAIN. USE HAND TOOLS FOR REMOVING CONCRETE. CARE MUST BE TAKEN DURING REMOVAL BY USE OF PNEUMATIC HAMMERS TO REMOVE CONCRETE IN A FASHION THAT PROVIDES A NEAT JOINT FOR THE PROPOSED CONSTRUCTION.
- BLAST CLEAN ALL EXPOSED REINFORCEMENT TO REMAIN AND APPLY AN APPROVED EPOXY PAINT FOR EPOXY COATED EXISTING REINFORCEMENT BARS OR NEAT CEMENT FOR NON-EPOXY COATED REINFORCEMENT BARS.
- REINFORCEMENT PROJECTING FROM THE EXISTING BEAM AND INTO THE SIDEWALK SLAB SHALL REMAIN. CONTRACTOR SHALL USE HAND TOOLS OR OTHER MEANS TO REMOVE CONCRETE SIDEWALK ABOVE BEAM TO AVOID DAMAGING REINFORCEMENT BARS. ANY DAMAGE TO EXISTING REINFORCEMENT SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- CONTRACTOR TO FIELD VERIFY AND CONFIRM THE ASSUMED INFORMATION AND PRESENCE OF EXISTING BEAMS. CONTACT ENGINEER IF ACTUAL FIELD CONDITIONS VARY FROM THOSE SHOWN ON THIS PLAN.
- AFTER REMOVAL OF AREA 1 AND PRIOR TO REMOVAL OF AREA 2, SUBMIT PHOTOS OF THE INTERFACE BETWEEN AREA 1 AND AREA 2 TO ENGINEER FOR REVIEW AND APPROVAL.

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707 Grant Street
5th Floor
Pittsburgh, PA 15219

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REVISIONS		

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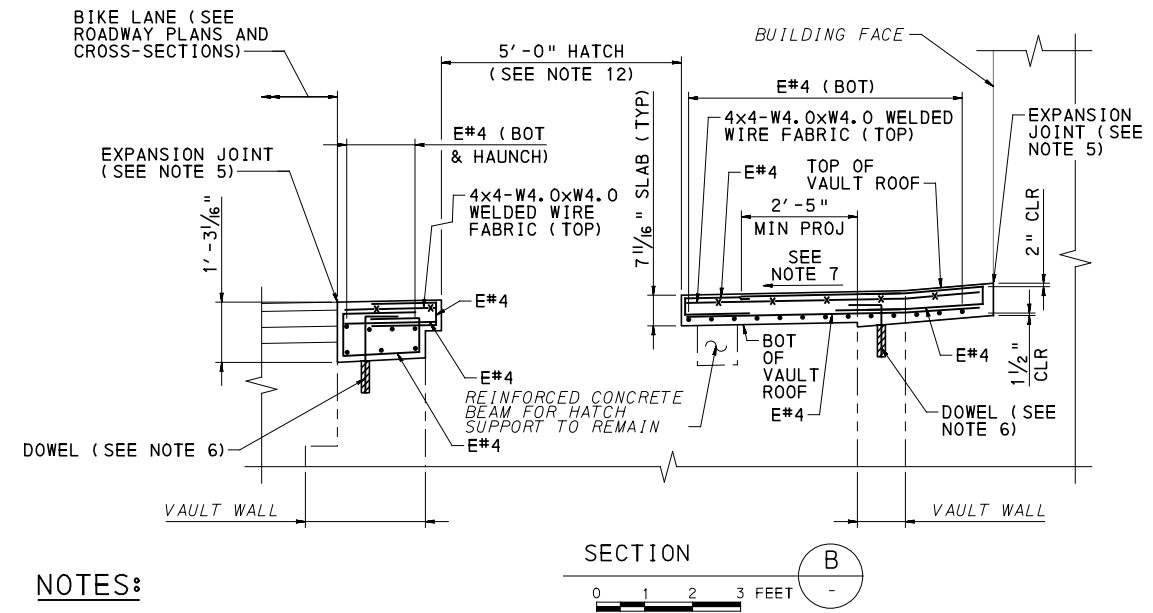
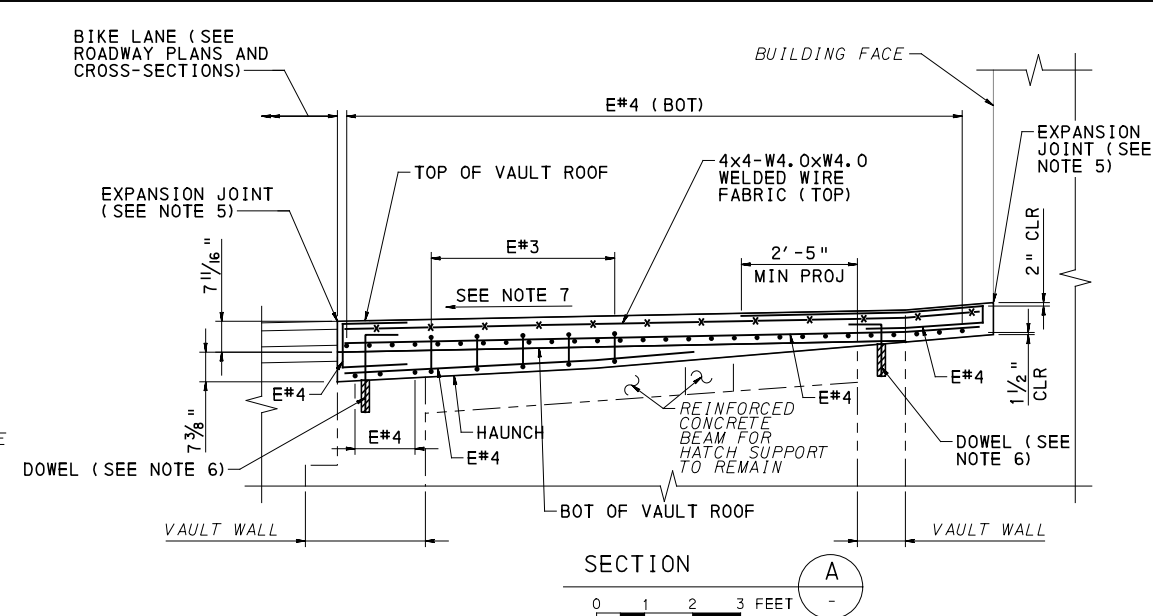
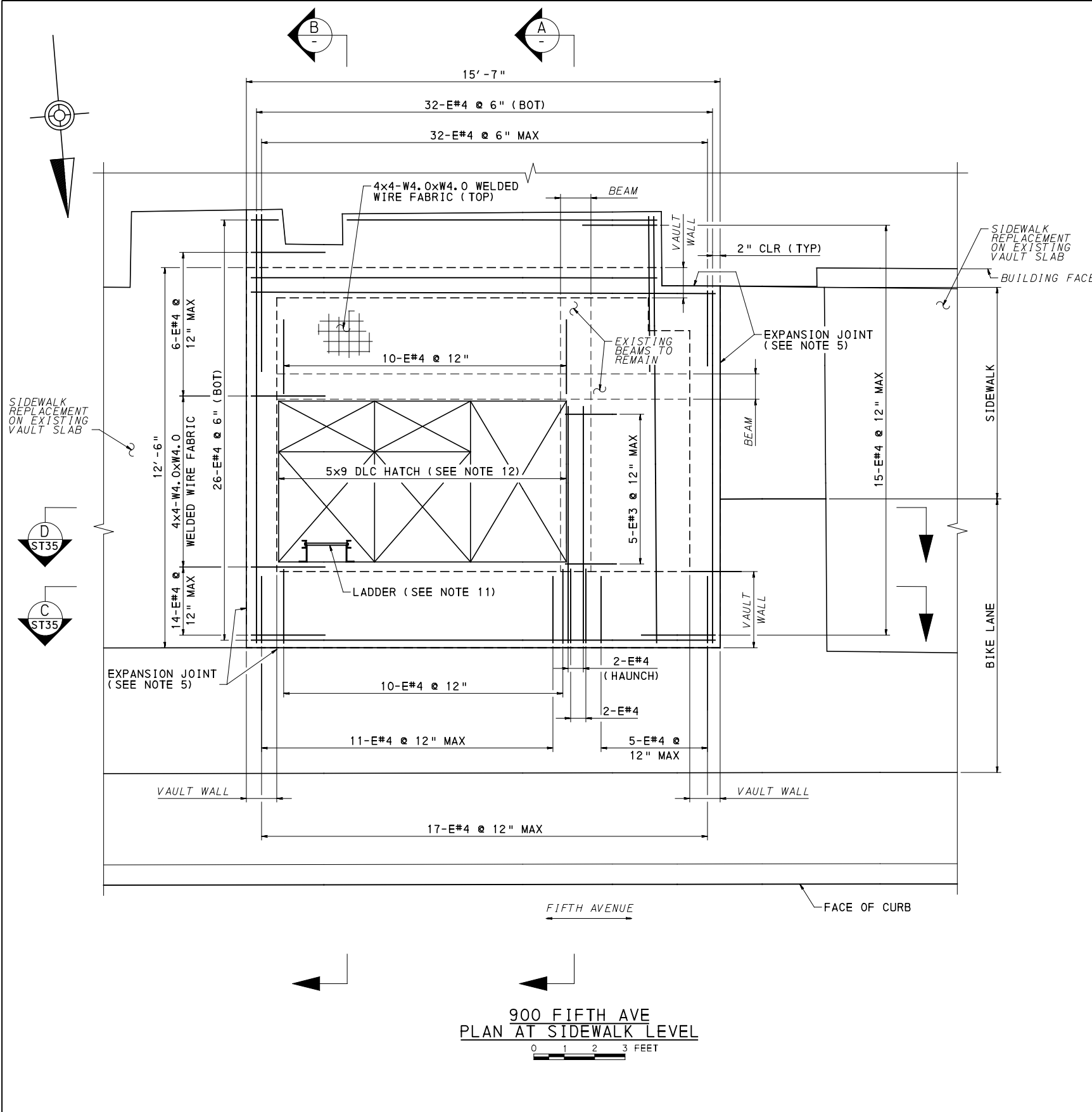
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS**
DLC VAULT SLAB REMOVAL - FIFTH AVE STA 438+14

Port Authority connecting people to life®

CONTRACT NO. BRT-001	
DWG. NO. ST33	SHT. 817



NOTES:

- FOR GENERAL NOTES, SEE SHEET 785
- FOR LOCATION OF VAULT, SEE SHEET 357
- CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
- VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
- FOR EXPANSION JOINT AND CONTROL JOINT DETAILS, SEE SHEET 826
- FOR DOWEL DETAILS, SEE SHEET 816
- MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
- INTERRUPT REINFORCEMENT BARS AT HATCH OPENINGS AND COLUMNS.
- REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
- USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
- INSTALL A VAULT LADDER PER DLCO DRAWING A 60912.
- COORDINATE DIMENSIONS AND LOCATION OF HEAVY SIDEWALK LOADING HATCH WITH DLCO DRAWING 872134-T-001.
- UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
 #4 BAR = 2'-5"
 #5 BAR = 3'-0"
 #6 BAR = 3'-7"
 #7 BAR = 4'-2"
- ALL ITEMS OF WORK FOR DLC VAULT SLAB REPLACEMENT ARE INCIDENTAL TO ITEM 03305.002, CLASS AA CONCRETE MODIFIED, VAULT ROOF AND WALL.



NO.	DATE	DESCRIPTION
REVISIONS		

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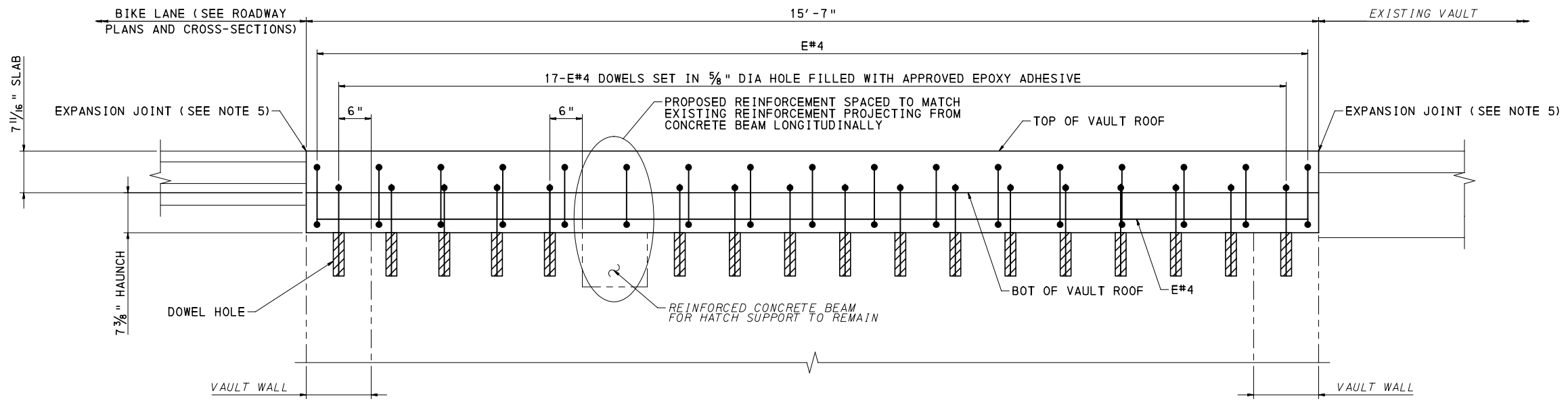
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH, PENNSYLVANIA

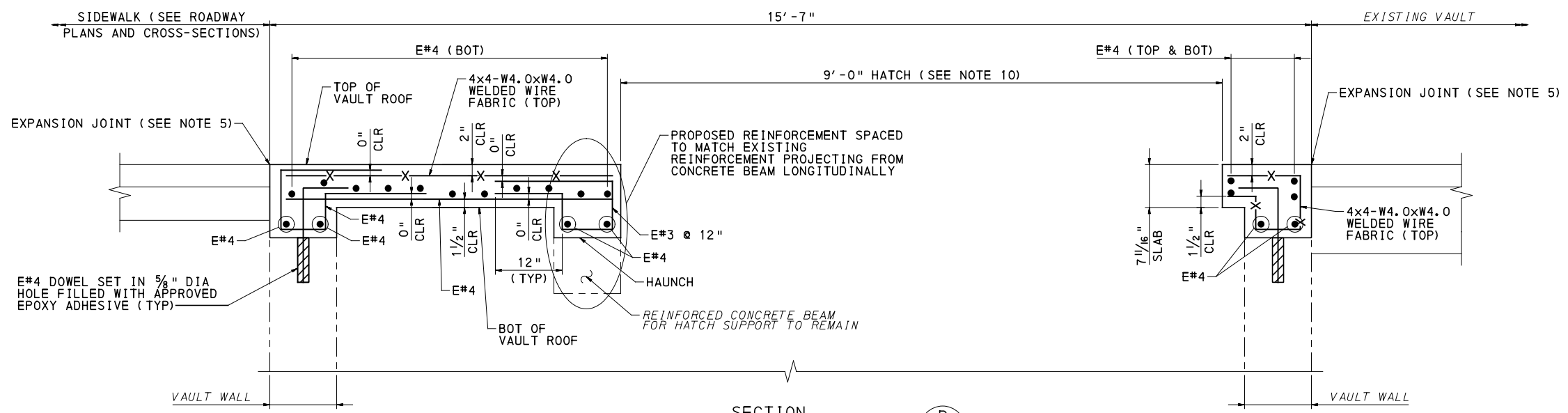
BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
DLC VAULT SLAB REPLACEMENT 1 - FIFTH AVE STA 438+14

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. ST34 SHT. 818



SECTION C
0 1 2 FEET ST34
(SLAB REINFORCEMENT INCLUDING WWF NOT SHOWN FOR CLARITY)



SECTION D
0 1 2 FEET ST34

NOTES:

1. FOR GENERAL NOTES, SEE SHEET 785
2. FOR LOCATION OF VAULT, SEE SHEET 357
3. CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
4. VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
5. FOR EXPANSION JOINT AND CONTROL JOINT DETAILS, SEE SHEET 826
6. FOR DOWEL DETAILS, SEE SHEET 816
7. MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
8. REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
9. USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
10. COORDINATE DIMENSIONS AND LOCATION OF HEAVY SIDEWALK LOADING HATCH WITH DLCO DRAWING 872134-T-001.
11. UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
 #4 BAR = 2'-5"
 #5 BAR = 3'-0"
 #6 BAR = 3'-7"
 #7 BAR = 4'-2"



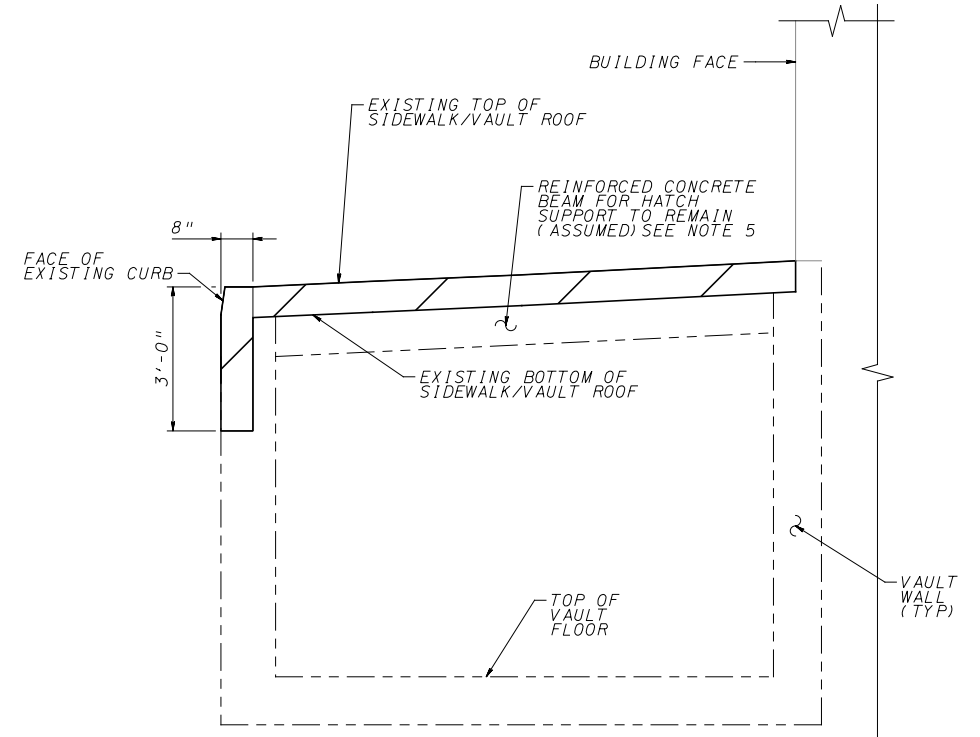
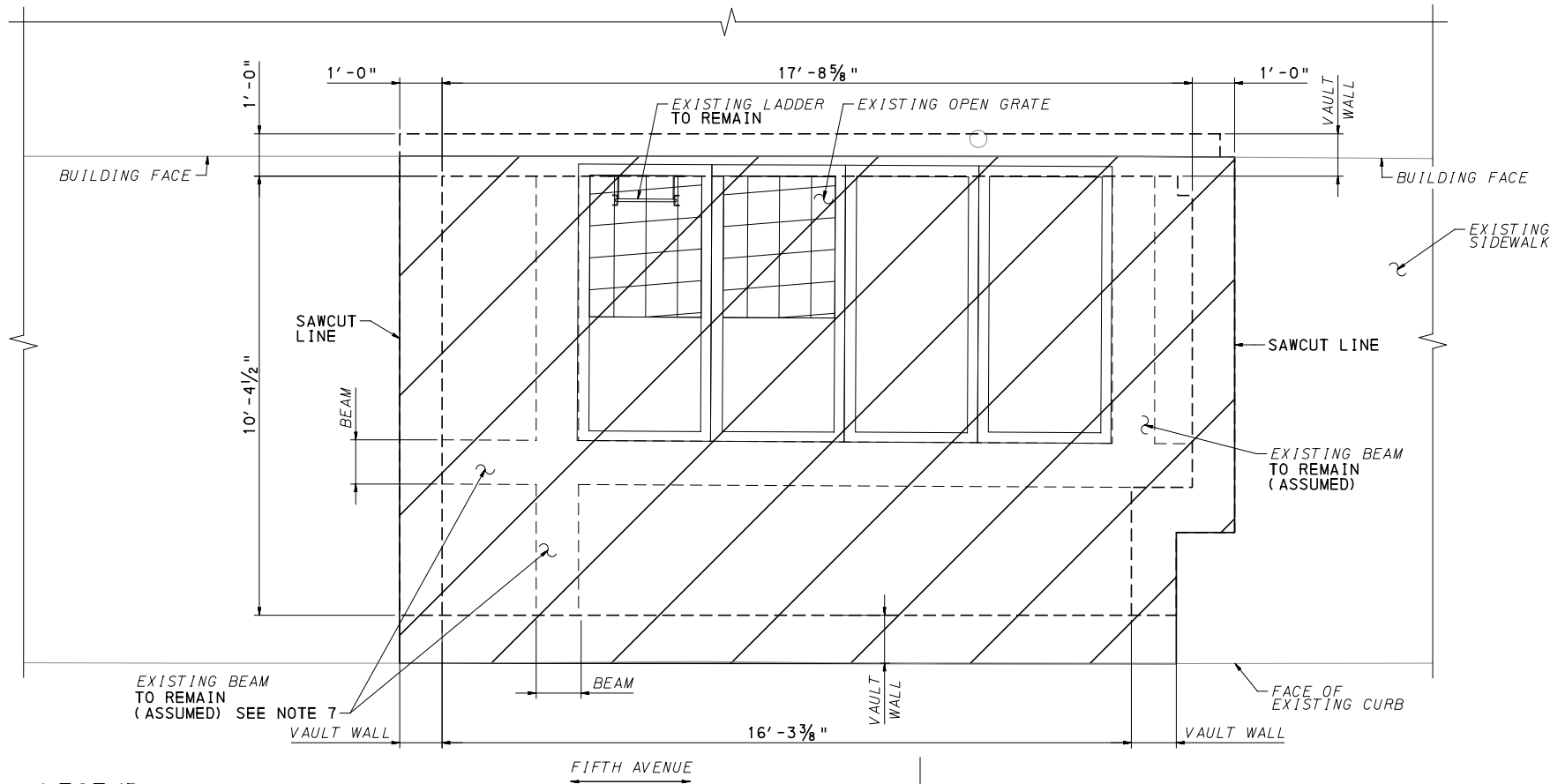
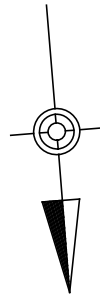
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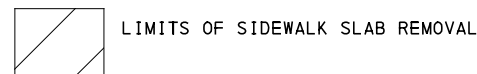
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DRAWN	HCF
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IN CHARGE	RK
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS DLC VAULT SLAB REPLACEMENT 2 - FIFTH AVE STA 438+14		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST35	SHT. 819



LEGEND



**1014 FIFTH AVE
REMOVAL PLAN AT SIDEWALK LEVEL**

0 1 2 3 FEET

SECTION

0 1 2 3 FEET

NOTES:

1. FOR GENERAL NOTES, SEE SHEET 785
2. FOR LOCATION OF VAULT, SEE SHEET 363
3. CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
4. VAULT WALL THICKNESS, ROOF THICKNESS, BEAMS, AND CURB DIMENSIONS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
5. WHERE REMOVAL OF PORTION OF THE EXISTING CONCRETE IS INDICATED, MAKE DELINEATING SAWCUTS ON ALL EXPOSED FACES. ADJUST THE DEPTH OF CUT AS REQUIRED TO AVOID DAMAGING REINFORCEMENT BARS TO REMAIN. USE HAND TOOLS FOR REMOVING CONCRETE. CARE MUST BE TAKEN DURING REMOVAL BY USE OF PNEUMATIC HAMMERS TO REMOVE CONCRETE IN A FASHION THAT PROVIDES A NEAT JOINT FOR THE PROPOSED CONSTRUCTION.
6. BLAST CLEAN ALL EXPOSED REINFORCEMENT TO REMAIN AND APPLY AN APPROVED EPOXY PAINT FOR EPOXY COATED EXISTING REINFORCEMENT BARS OR NEAT CEMENT FOR NON-EPOXY COATED REINFORCEMENT BARS.
7. REINFORCEMENT PROJECTING FROM THE EXISTING BEAM AND INTO THE SIDEWALK SLAB SHALL REMAIN. CONTRACTOR SHALL USE HAND TOOLS OR OTHER MEANS TO REMOVE CONCRETE SIDEWALK ABOVE BEAM TO AVOID DAMAGING REINFORCEMENT BARS. ANY DAMAGE TO EXISTING REINFORCEMENT SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
8. CONTRACTOR TO FIELD VERIFY AND CONFIRM THE ASSUMED INFORMATION AND PRESENCE OF EXISTING BEAMS. CONTACT ENGINEER IF ACTUAL FIELD CONDITIONS VARY FROM THOSE SHOWN ON THIS PLAN.



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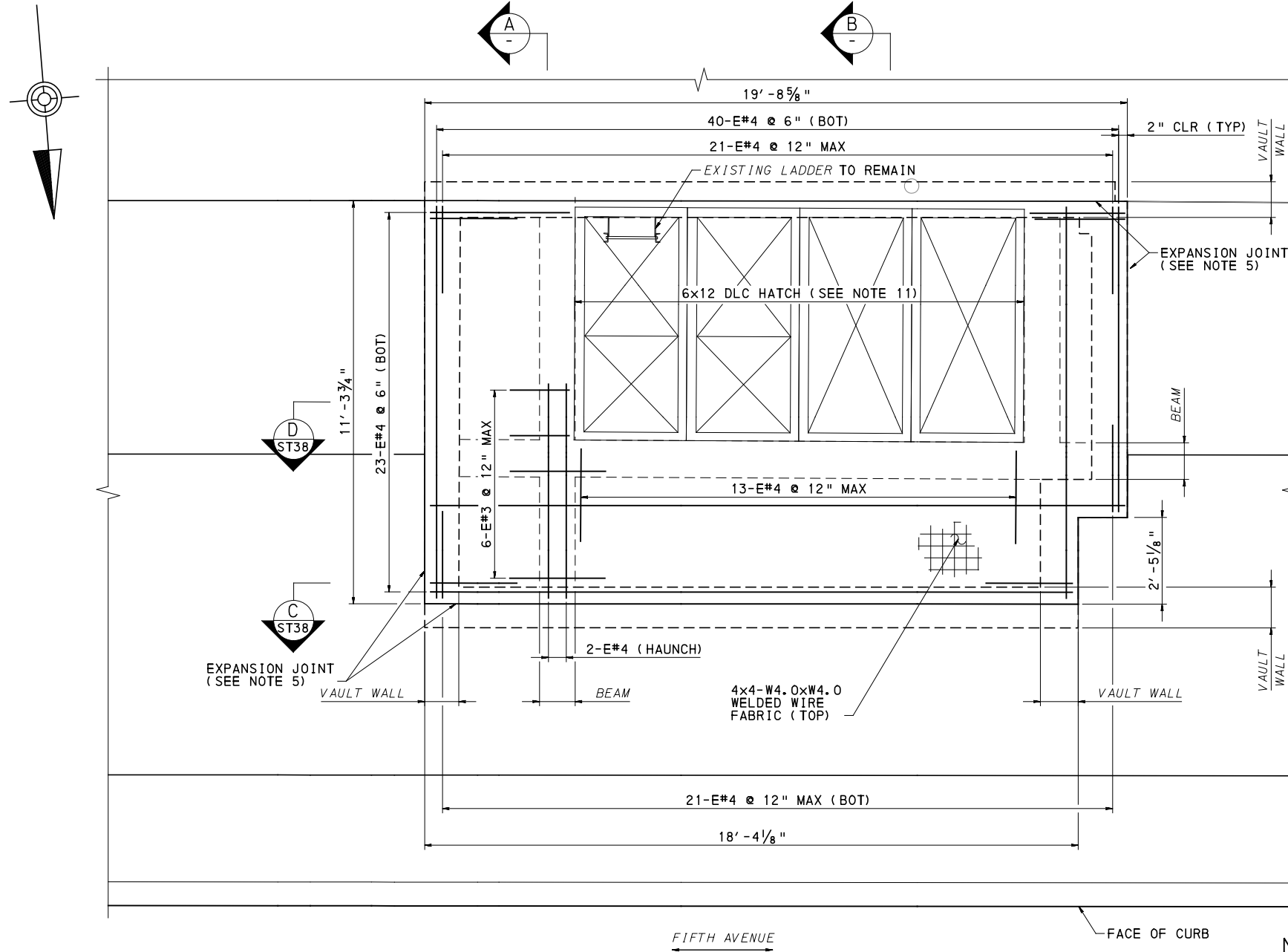
NO.	DATE	DESCRIPTION
REVISIONS		

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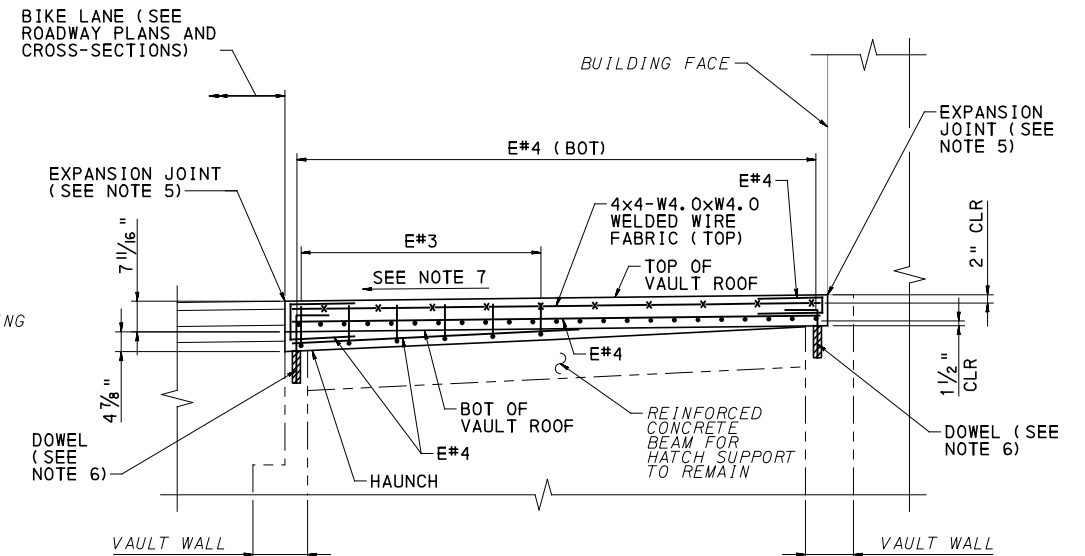
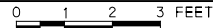
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CONSTRUCTION)**

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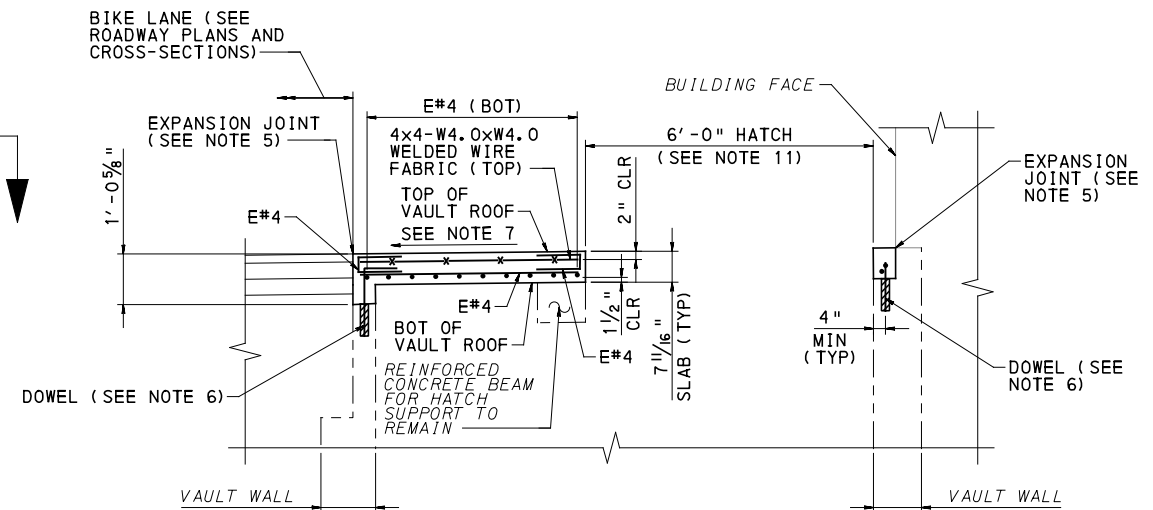
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS DLC VAULT SLAB REMOVAL - FIFTH AVE STA 441+69	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. ST36	SHT. 820



1014 FIFTH AVE
PLAN AT SIDEWALK LEVEL



SECTION A
0 1 2 3 FEET



SECTION B
0 1 2 3 FEET

NOTES:

1. FOR GENERAL NOTES, SEE SHEET 785
2. FOR LOCATION OF VAULT, SEE SHEET 358
3. CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
4. VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
5. FOR EXPANSION JOINT AND CONTROL JOINT DETAILS, SEE SHEET 826
6. FOR DOWEL DETAILS, SEE SHEET 816
7. MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
8. INTERRUPT REINFORCEMENT BARS AT HATCH OPENINGS AND COLUMNS.
9. REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
10. USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
11. COORDINATE DIMENSIONS AND LOCATION OF HEAVY SIDEWALK LOADING HATCH WITH DLCO DRAWING 872137-T-001.
12. UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
 #4 BAR = 2'-5"
 #5 BAR = 3'-0"
 #6 BAR = 3'-7"
 #7 BAR = 4'-2"
13. ALL ITEMS OF WORK FOR DLC VAULT SLAB REPLACEMENT ARE INCIDENTAL TO ITEM 03305.002, CLASS AA CONCRETE MODIFIED, VAULT ROOF AND WALL.



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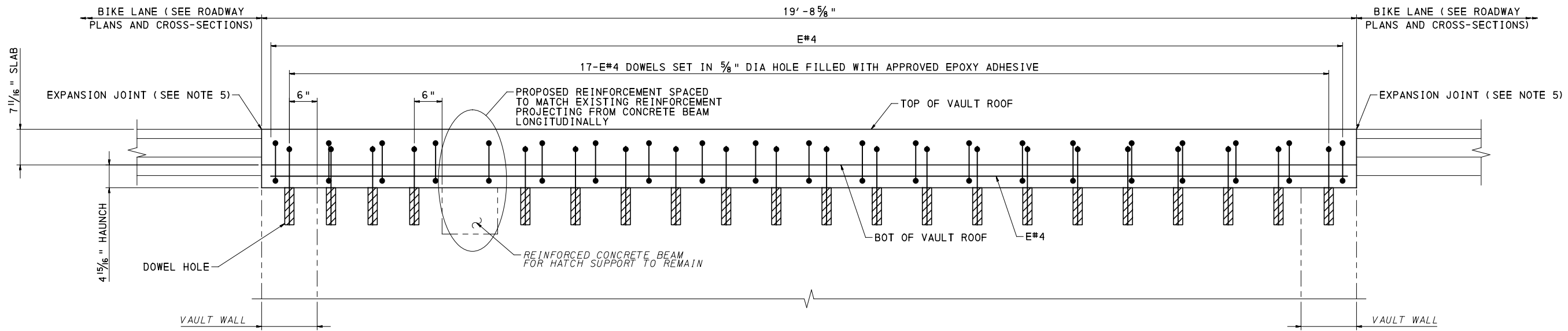
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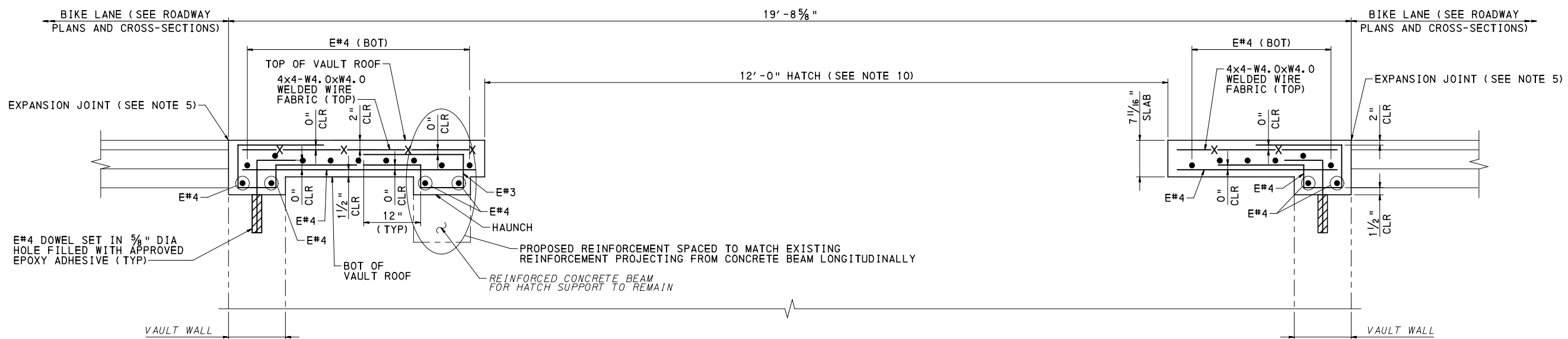
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS DLC VAULT SLAB REPLACEMENT 1 - FIFTH AVE STA 441+69		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST37	SHT. 821



SECTION C
0 1 2 FEET ST37
(SLAB REINFORCEMENT INCLUDING WWF NOT SHOWN FOR CLARITY)



SECTION D
0 1 2 FEET ST37

NOTES:

1. FOR GENERAL NOTES, SEE SHEET 785
2. FOR LOCATION OF VAULT, SEE SHEET 358
3. CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
4. VAULT WALL THICKNESS, ROOF THICKNESS, AND BEAMS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED.
5. FOR EXPANSION JOINT AND CONTROL JOINT DETAILS, SEE SHEET 826
6. FOR DOWEL DETAILS, SEE SHEET 816
7. MATCH ELEVATIONS AND CROSS-SLOPES TO THE PROPOSED SIDEWALK ELEVATIONS ON THE ROADWAY PLANS AND CROSS-SECTIONS.
8. REMOVE EXISTING COATINGS IF ANY, ROUGHEN SURFACE TO 1/4" DEPTH, AND COAT ALL EXISTING SURFACES WHERE NEW CONCRETE IS IN CONTACT WITH EXISTING CONCRETE WITH EPOXY BONDING COMPOUND, TYPE V.
9. USE A PACHOMETER TO LOCATE EXISTING REINFORCEMENT WHEN DRILLING DOWEL HOLES TO AVOID DRILLING THROUGH EXISTING REINFORCEMENT BARS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING THE EXISTING BARS PRIOR TO DRILLING DOWEL HOLES. ADJUST SPACING AS REQUIRED.
10. COORDINATE DIMENSIONS AND LOCATION OF HEAVY SIDEWALK LOADING HATCH WITH DLCO DRAWING 872137-T-001.
11. UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
 - #4 BAR = 2'-5"
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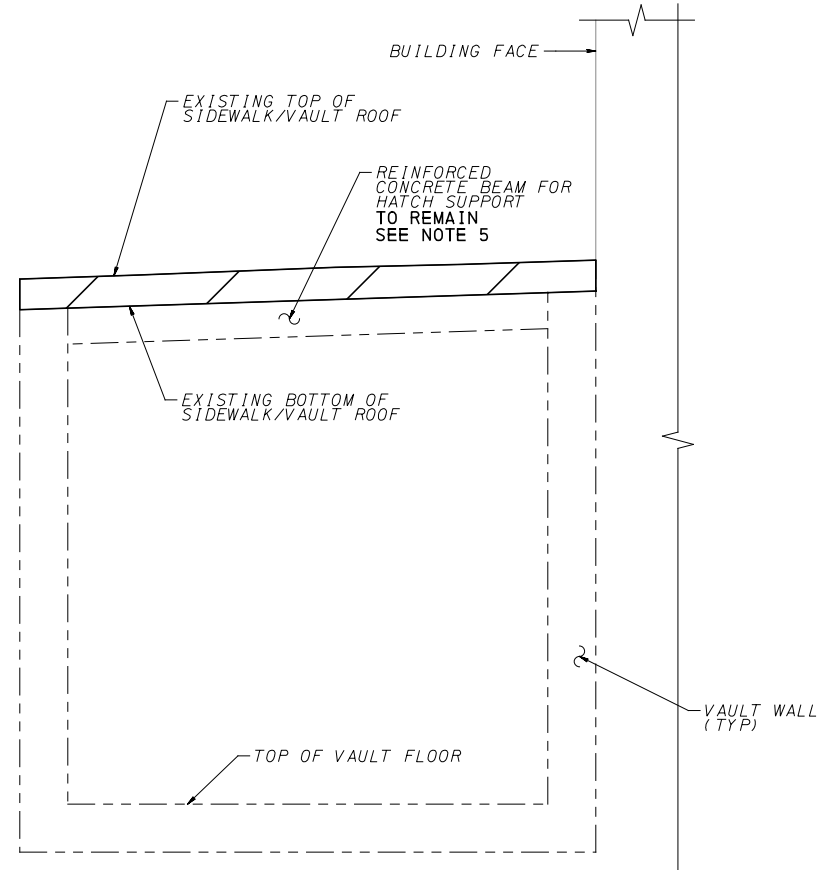
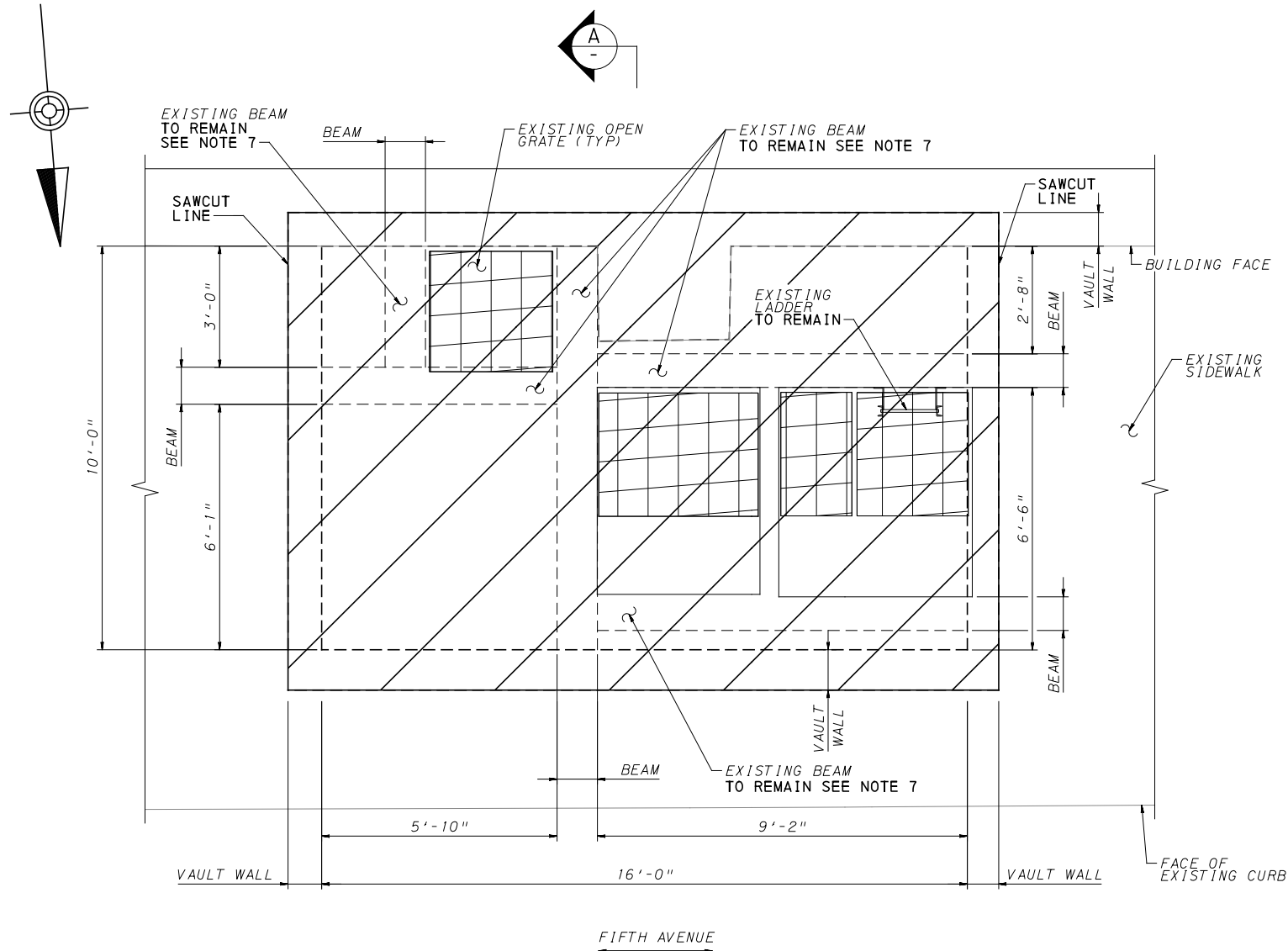
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
DLC VAULT SLAB REPLACEMENT 2 - FIFTH AVE STA 441+69

Port Authority connecting people to life®

CONTRACT NO. BRT-001
DWG. NO. ST38 SHT. 822

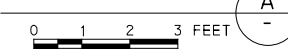


LEGEND



1026 FIFTH AVE
REMOVAL PLAN AT SIDEWALK LEVEL

SECTION



NOTES:

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- CONTRACTOR TO FIELD VERIFY AND CONFIRM THE ASSUMED INFORMATION AND PRESENCE OF EXISTING BEAMS. CONTACT ENGINEER IF ACTUAL FIELD CONDITIONS VARY FROM THOSE SHOWN ON THIS PLAN.



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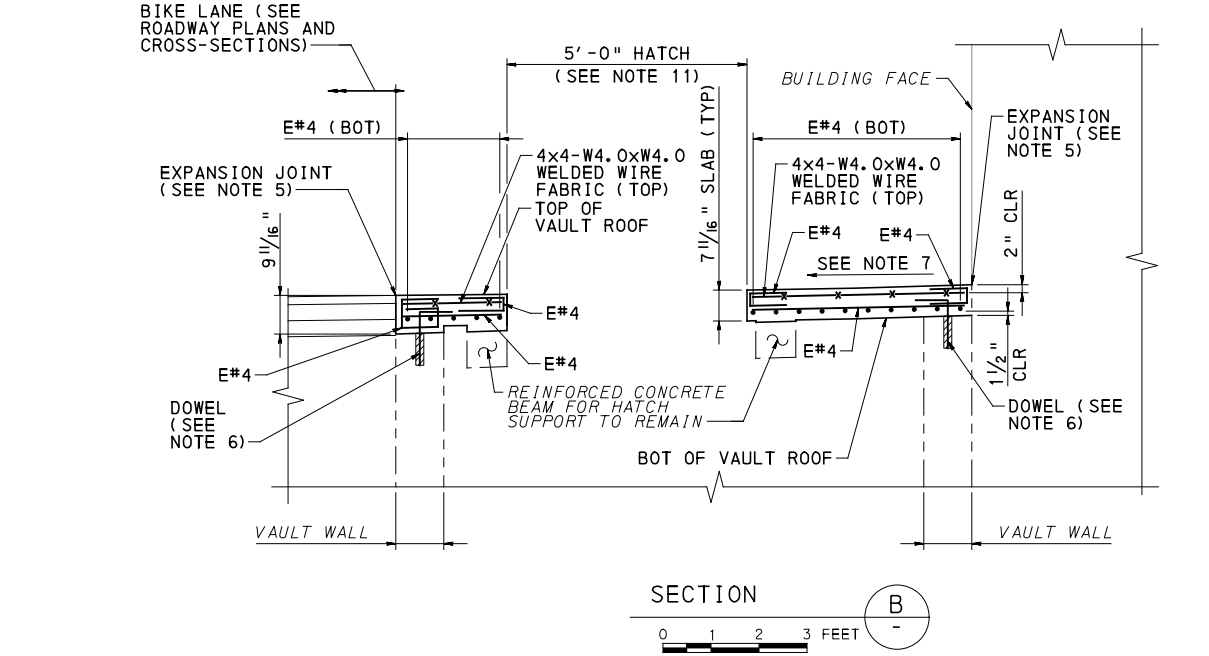
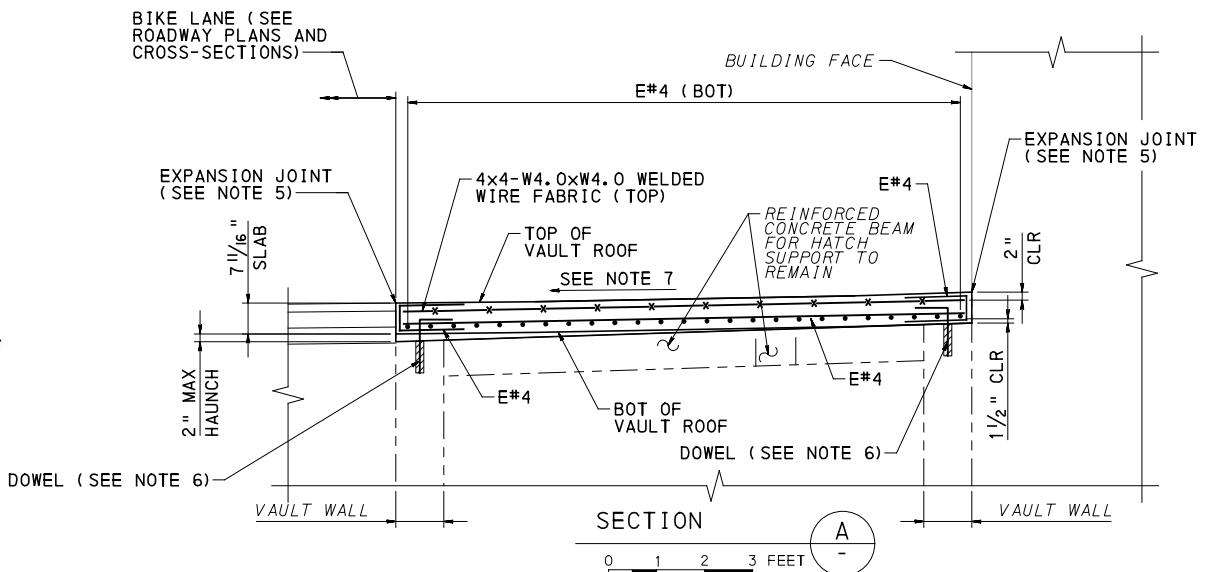
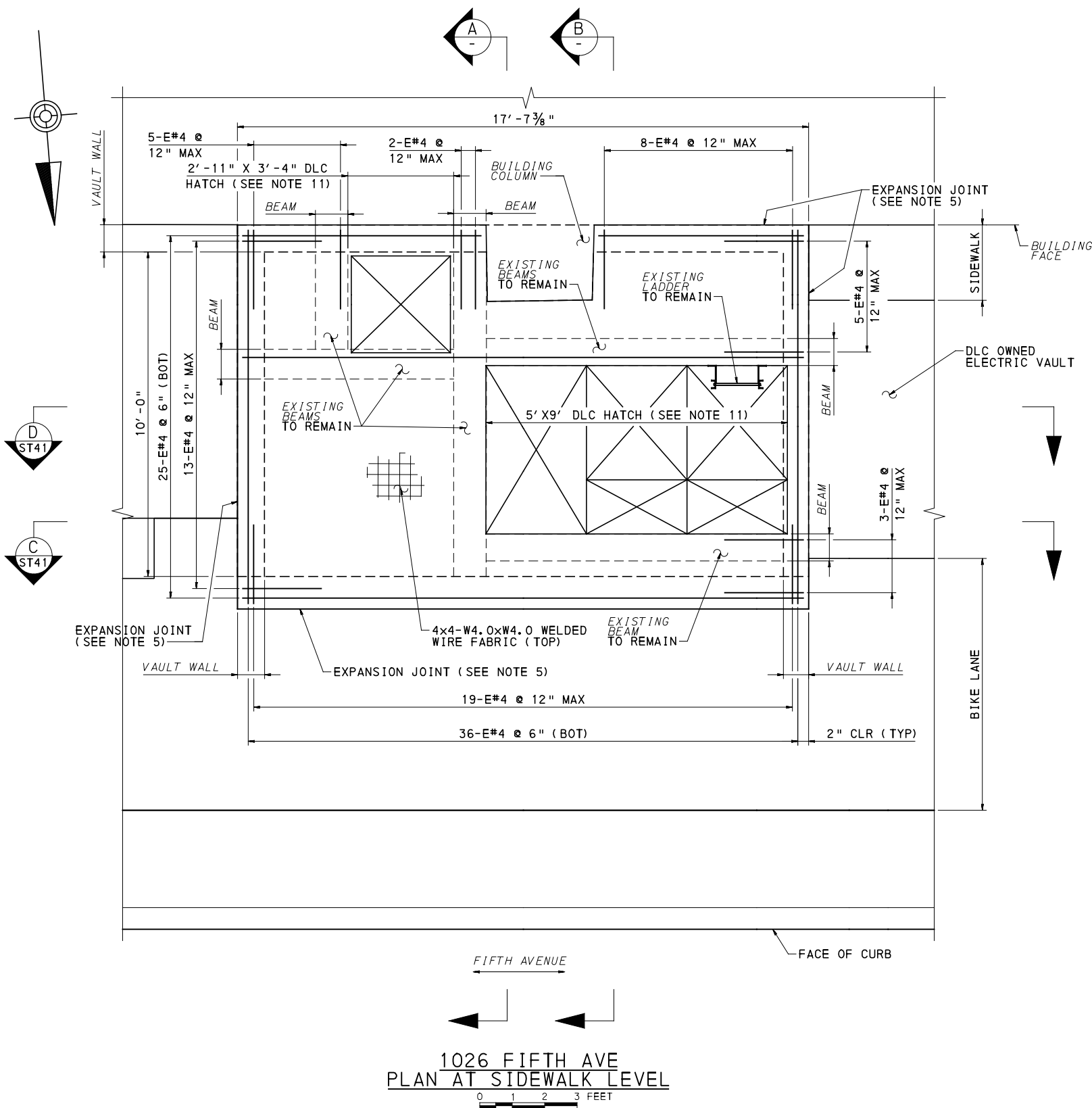
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS DLC VAULT SLAB REMOVAL - FIFTH AVE STA 443+11	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. ST39 SHT. 823



NOTES:

1. FOR GENERAL NOTES, SEE SHEET 785
2. FOR LOCATION OF VAULT, SEE SHEET 358
3. CONSTRUCTION VEHICLE LIVE LOADS OR CONSTRUCTION MATERIAL STOCKPILES ARE NOT PERMITTED ON THE SIDEWALK.
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11. COORDINATE DIMENSIONS AND LOCATION OF HEAVY SIDEWALK LOADING DRAWING WITH DLCO DRAWING 872136-T-001.
12. UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
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13. ALL ITEMS OF WORK FOR DLC VAULT SLAB REPLACEMENT ARE INCIDENTAL TO ITEM 03305.002, CLASS AA CONCRETE MODIFIED, VAULT ROOF AND WALL.

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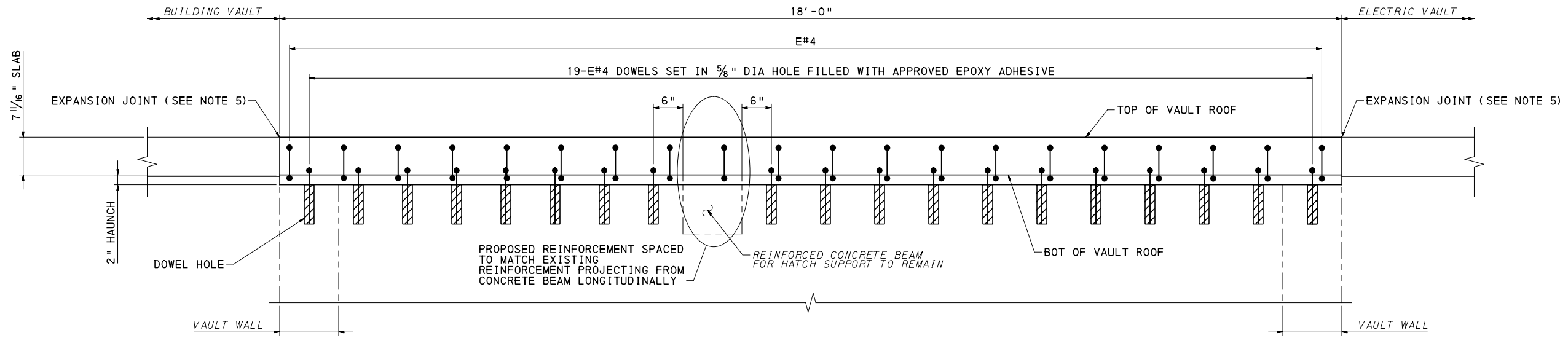
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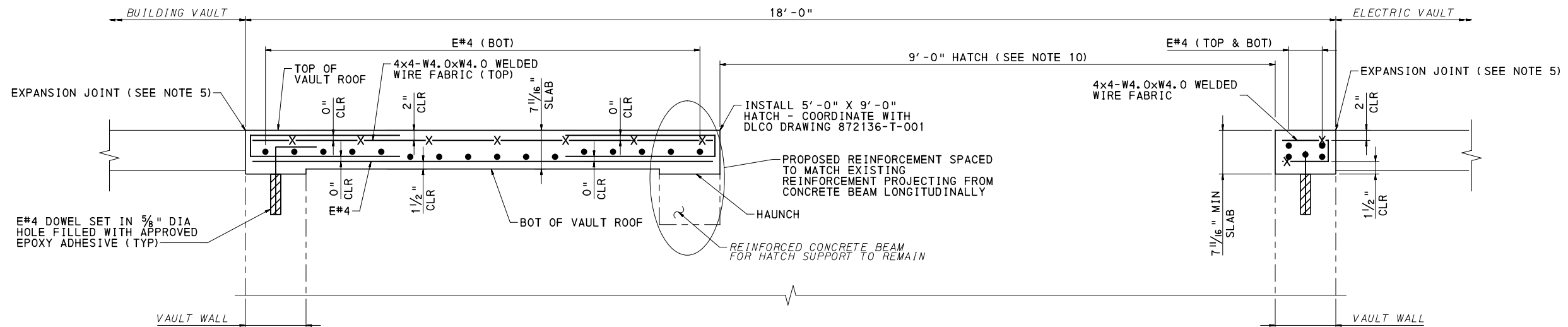
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS DLC VAULT SLAB REPLACEMENT 1 - FIFTH AVE STA 443+11		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. ST40	SHT. 824



SECTION C
0 1 2 FEET
ST40

(SLAB REINFORCEMENT INCLUDING WWF NOT SHOWN FOR CLARITY)



SECTION D
0 1 2 FEET
ST40

NOTES:

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- FOR DOWEL DETAILS, SEE SHEET 816
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- UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
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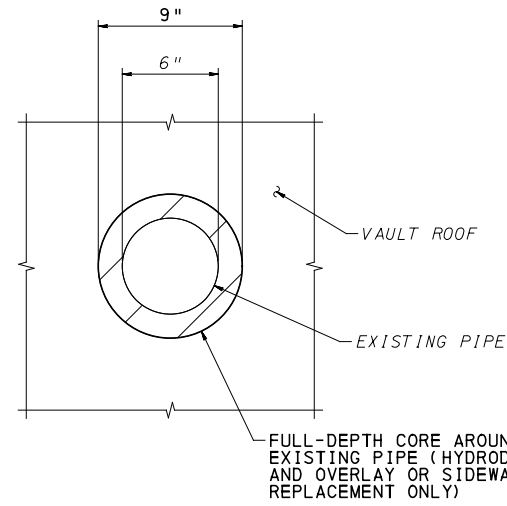
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

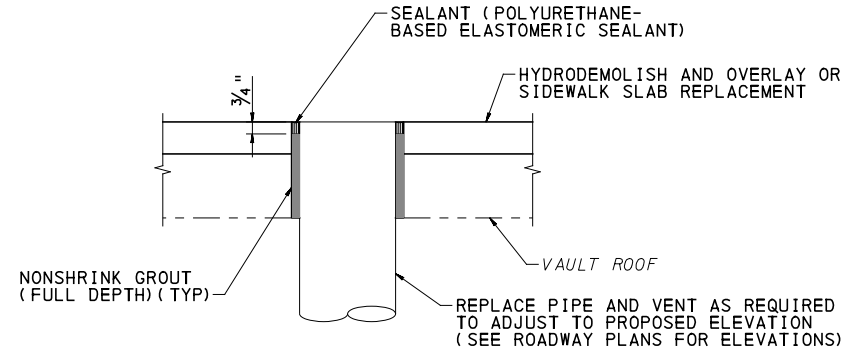
BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
DLC VAULT SLAB REPLACEMENT 2 - FIFTH AVE STA 443+11

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. ST41
SHT. 825

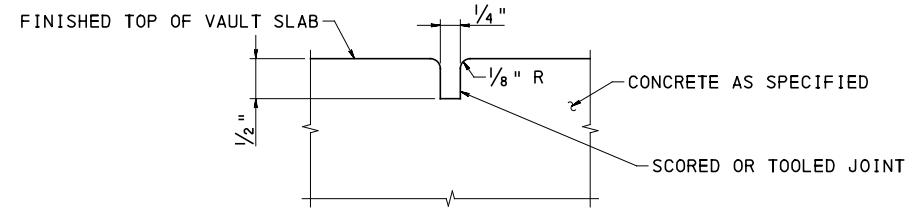


PLAN VIEW: REMOVAL
0 1 FOOT

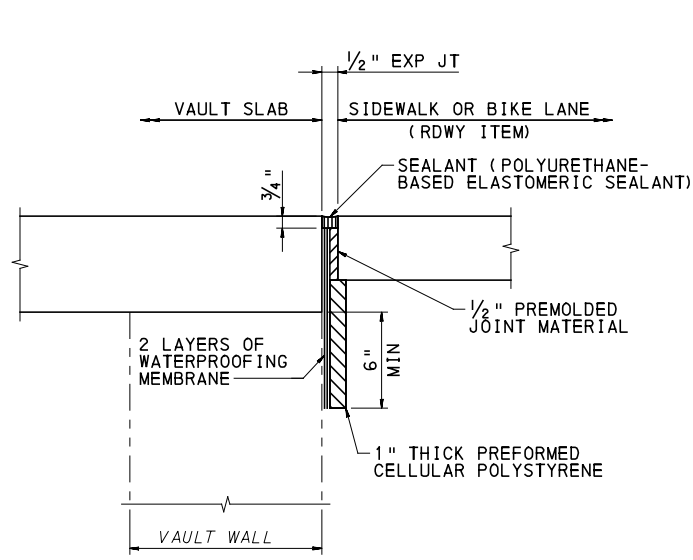


TYPICAL SECTION: PROPOSED
(VAULT ROOF REPLACEMENT SIMILAR)
0 1 FOOT

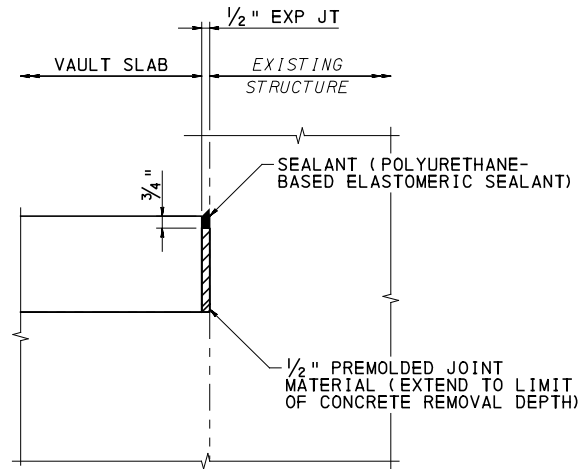
PIPE ADJUSTMENT IN VAULT ROOF



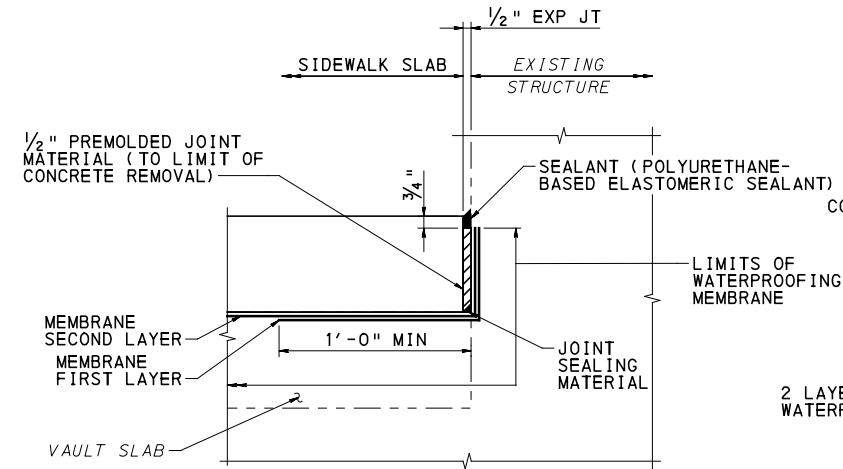
CONTROL JOINT
NTS



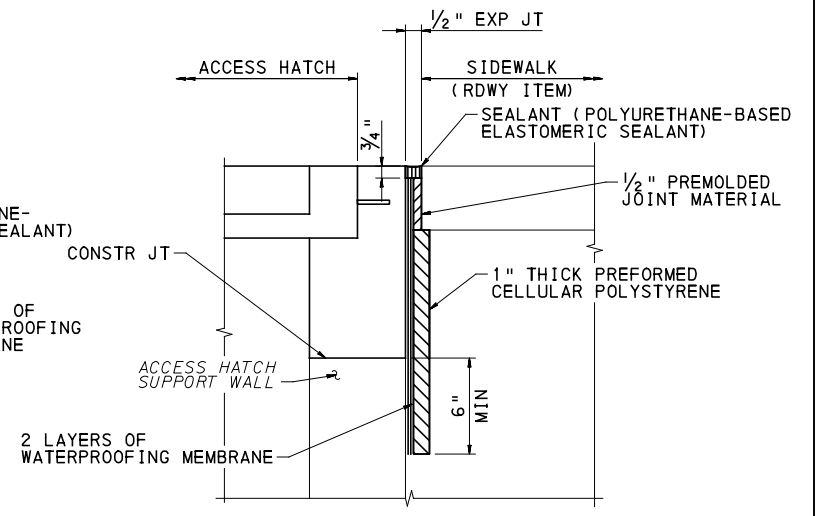
DETAIL 1
VAULT SLAB ADJACENT TO
SIDEWALK OR BIKE LANE
NTS



DETAIL 2
VAULT SLAB ADJACENT
TO EXISTING STRUCTURE
NTS



DETAIL 3
SIDEWALK SLAB OVER VAULT SLAB
AND EXISTING STRUCTURE
NTS



DETAIL 4
ACCESS HATCH REPLACEMENT
NTS

EXPANSION JOINT AND WATERPROOFING DETAIL

NOTES:

- FOR GENERAL NOTES SEE SHEET 785
- FOR INDEX OF DRAWINGS SEE SHEETS 3-16



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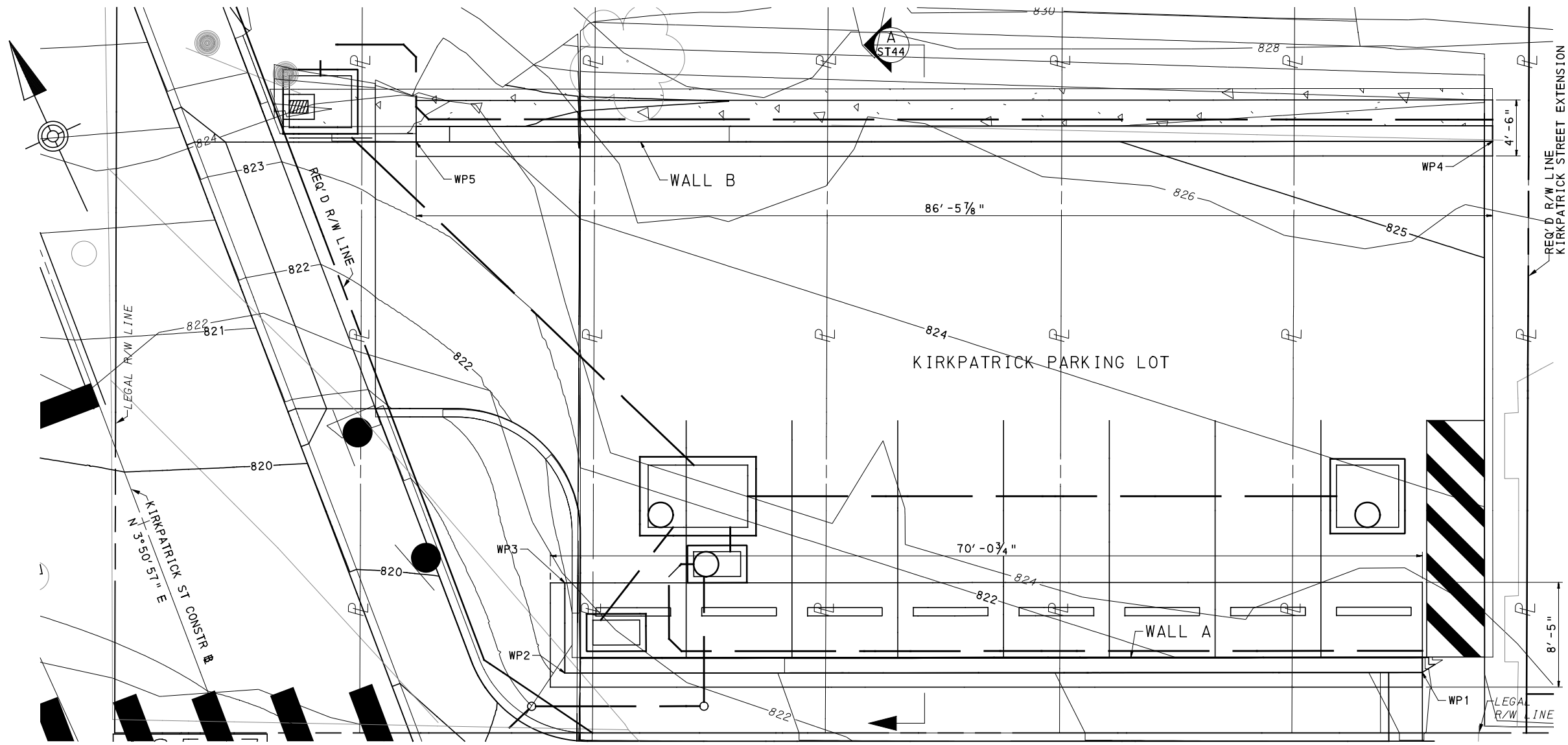
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
VAULT SLAB MODIFICATION - MISC DETAILS

Port Authority connecting people to life	CONTRACT NO. BRT-001	
	DWG. NO. ST42	SHT. 826



SUMMARY OF WALL COORDINATES BASED ON PENNSYLVANIA STATE COORDINATE SYSTEM

WORK POINT	NORTHING	EASTING	DESCRIPTION
WP1	410089.4507	1349968.2310	FF WALL A , EAST END
WP2	410118.1263	1349905.5880	FF WALL A , BEND POINT
WP3	410124.7185	1349908.6056	FF WALL A , WEST END
WP4	410125.8873	1349991.1425	FF WALL B , EAST END
WP5	410161.8871	1349912.4994	FF WALL B , WEST END

FOUR PLACE COORDINATES ARE FOR COMPUTATIONAL PURPOSES ONLY AND DO NOT IMPLY A PRECISION BEYOND TWO DECIMAL POINTS.



- LEGEND**
- 826 — PROPOSED CONTOUR ELEVATION
 - 826 — EXISTING CONTOUR ELEVATION

- NOTES:**
- FOR INDEX OF DRAWINGS, SEE SHEETS 3-16
 - FOR KIRKPATRICK PARKING LOT DETAILS AND DRAINAGE DETAILS, SEE SHEETS 443-444
 - FOR TYPICAL SECTIONS, SEE SHEET 828
 - FOR WALL A ELEVATION, SEE SHEET 829
 - FOR WALL B ELEVATION, SEE SHEET 830
 - FOR FOOTING PLANS, SEE SHEET 831
 - FOR WALL DETAILS, SEE SHEET 832



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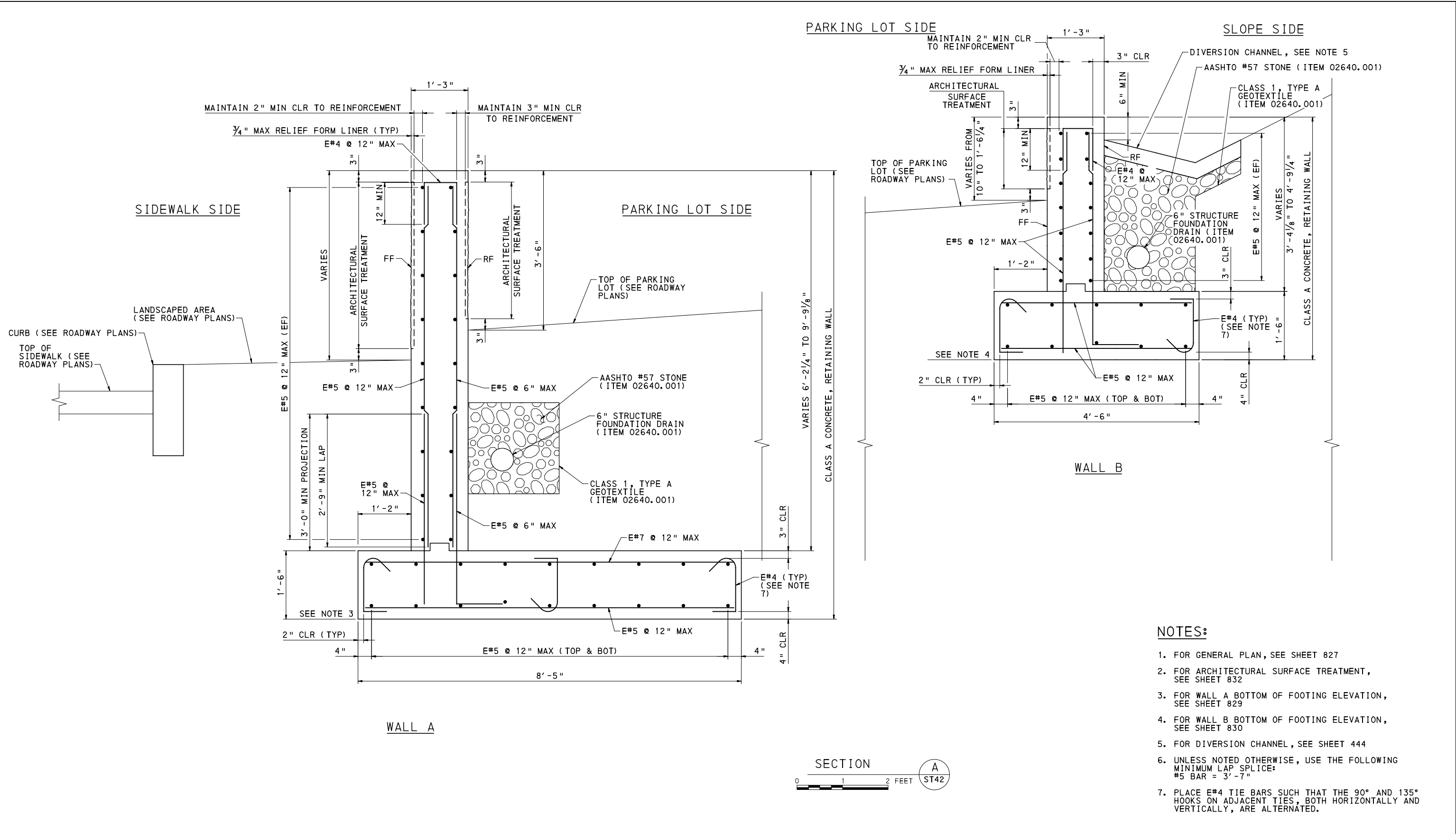
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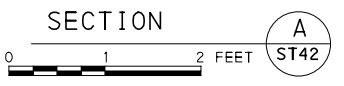
BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
KIRKPATRICK WALL - GENERAL PLAN

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. ST43 SHT. 827



- NOTES:**
1. FOR GENERAL PLAN, SEE SHEET 827
 2. FOR ARCHITECTURAL SURFACE TREATMENT, SEE SHEET 832
 3. FOR WALL A BOTTOM OF FOOTING ELEVATION, SEE SHEET 829
 4. FOR WALL B BOTTOM OF FOOTING ELEVATION, SEE SHEET 830
 5. FOR DIVERSION CHANNEL, SEE SHEET 444
 6. UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
#5 BAR = 3'-7"
 7. PLACE E#4 TIE BARS SUCH THAT THE 90° AND 135° HOOKS ON ADJACENT TIES, BOTH HORIZONTALLY AND VERTICALLY, ARE ALTERNATED.



AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

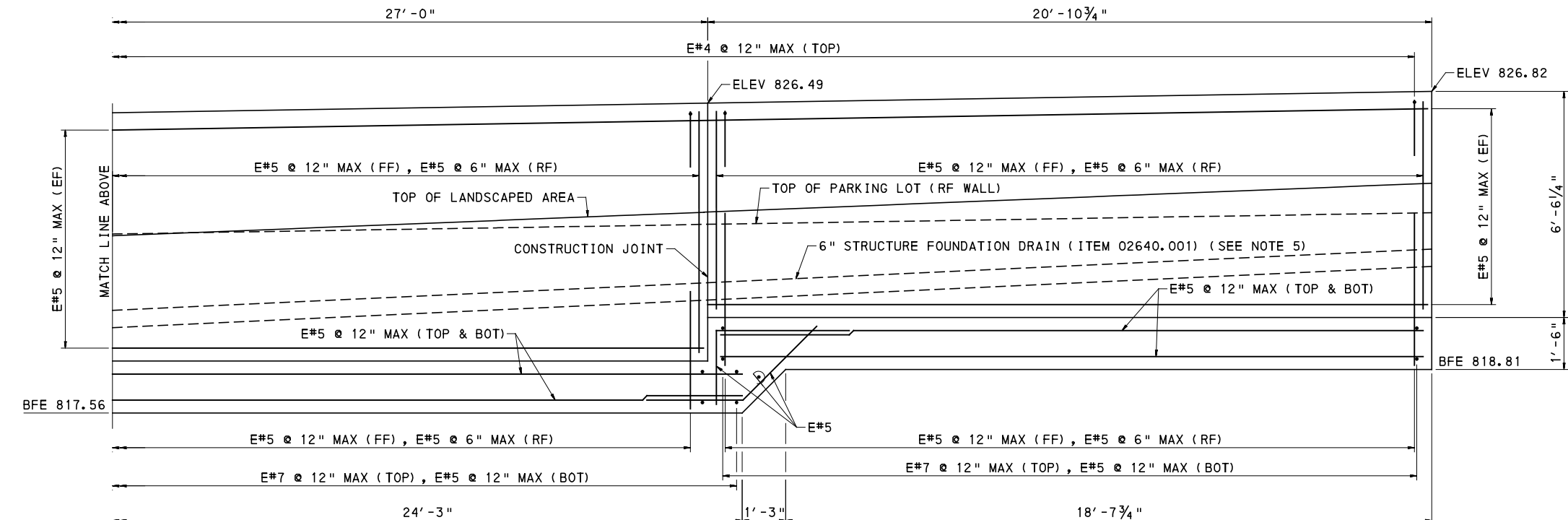
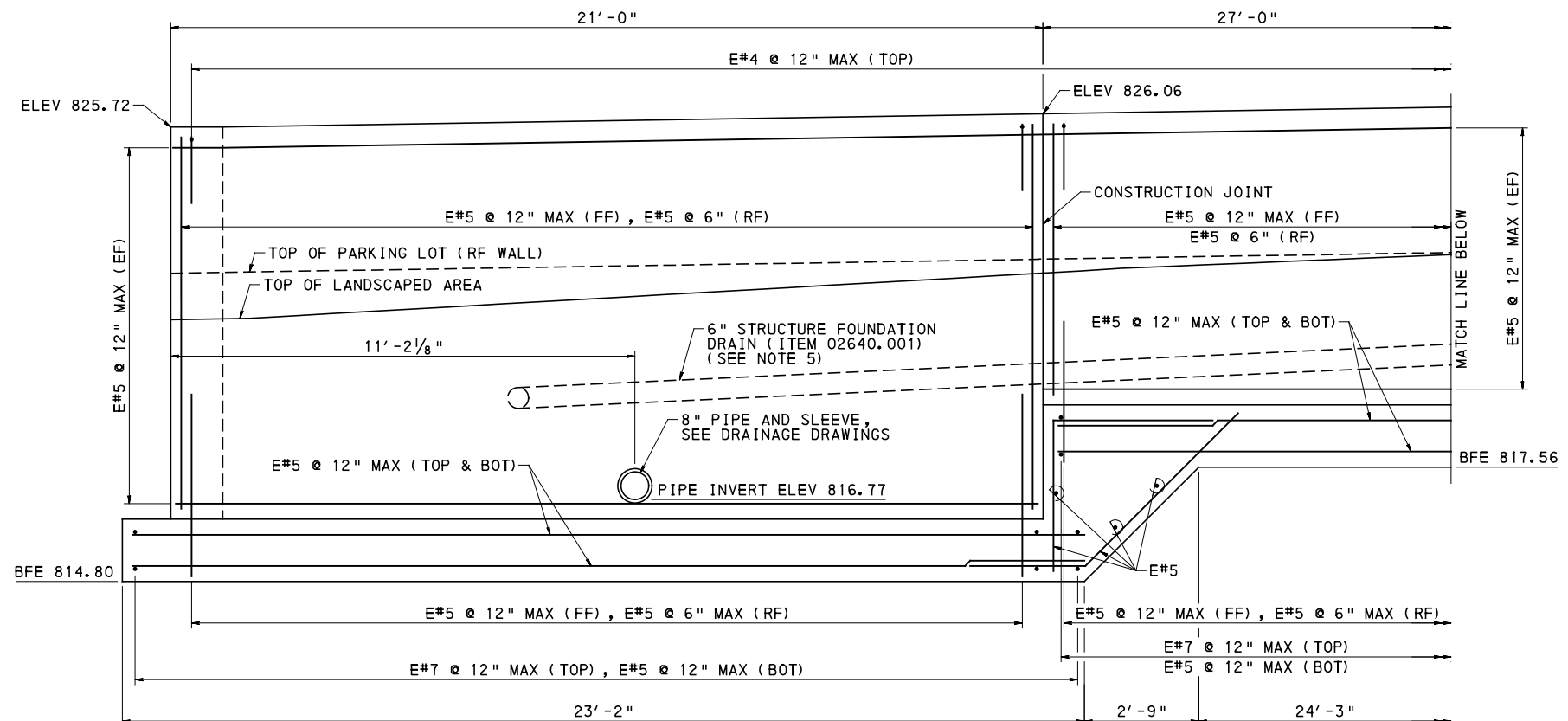
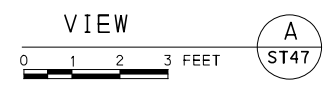
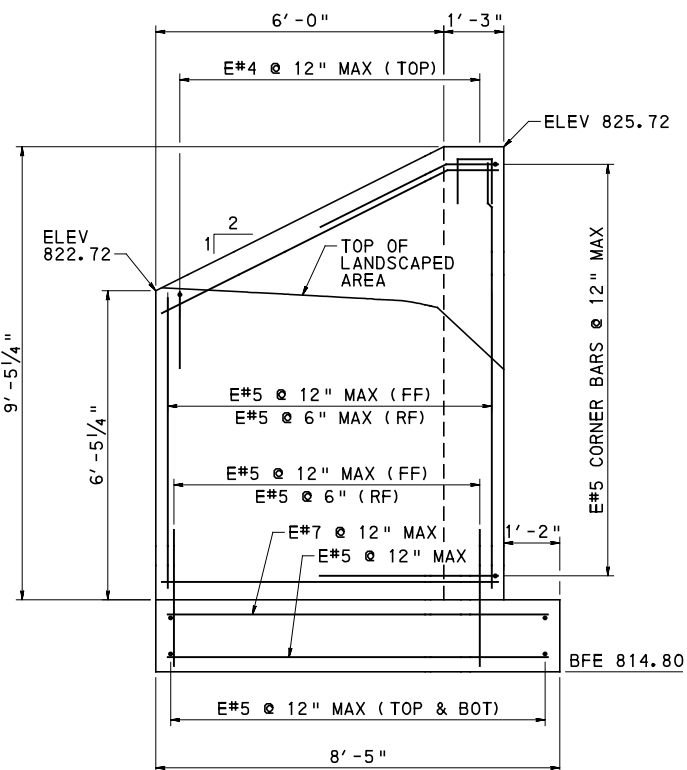
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

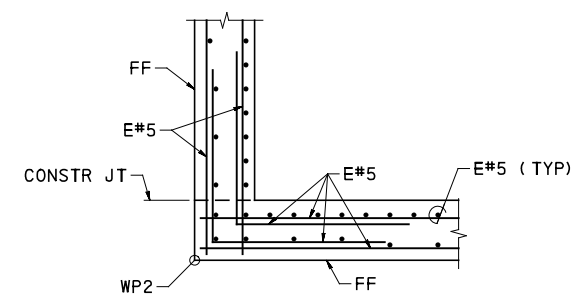
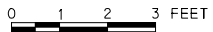
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 STRUCTURAL PLANS
 KIRKPATRICK WALL - TYPICAL SECTION

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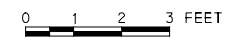
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 DWG. NO. ST44 SHT. 828



WALL A ELEVATION



WALL A CORNER PLAN



NOTES:

1. FOR GENERAL PLAN, SEE SHEET 827
2. FOR TYPICAL SECTION AND LIMITS OF ARCHITECTURAL TREATMENT, SEE SHEET 828
3. FOR FOOTING PLAN, SEE SHEET 831
4. UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
#5 BAR = 3'-7"
5. FOR REINFORCEMENT DETAIL AROUND PIPE, SEE SHEET



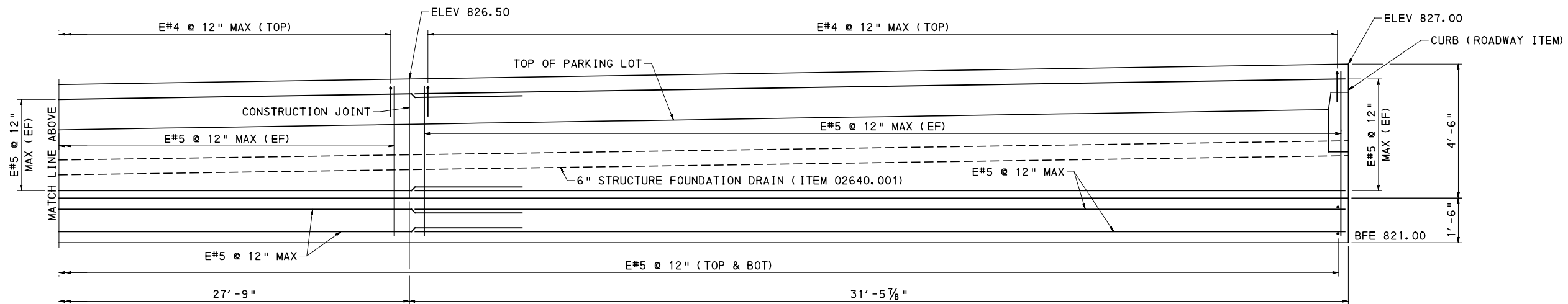
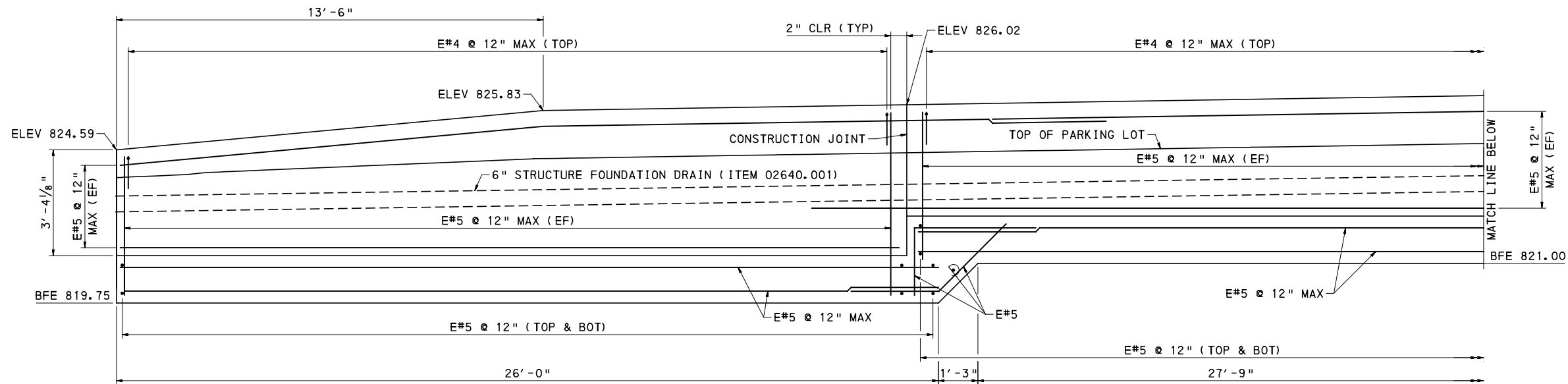
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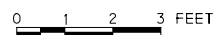
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS KIRKPATRICK WALL - ELEVATION 1	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. ST45	SHT. 829



WALL B ELEVATION



NOTES:

- FOR GENERAL PLAN, SEE SHEET 827
- FOR TYPICAL SECTION AND LIMITS OF ARCHITECTURAL TREATMENT, SEE SHEET 828
- FOR FOOTING PLAN, SEE SHEET 831
- UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
#5 BAR = 3'-7"



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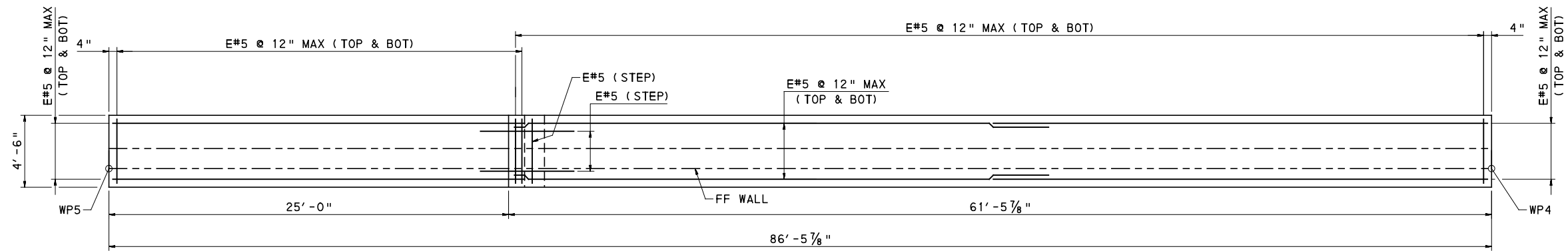
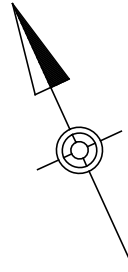
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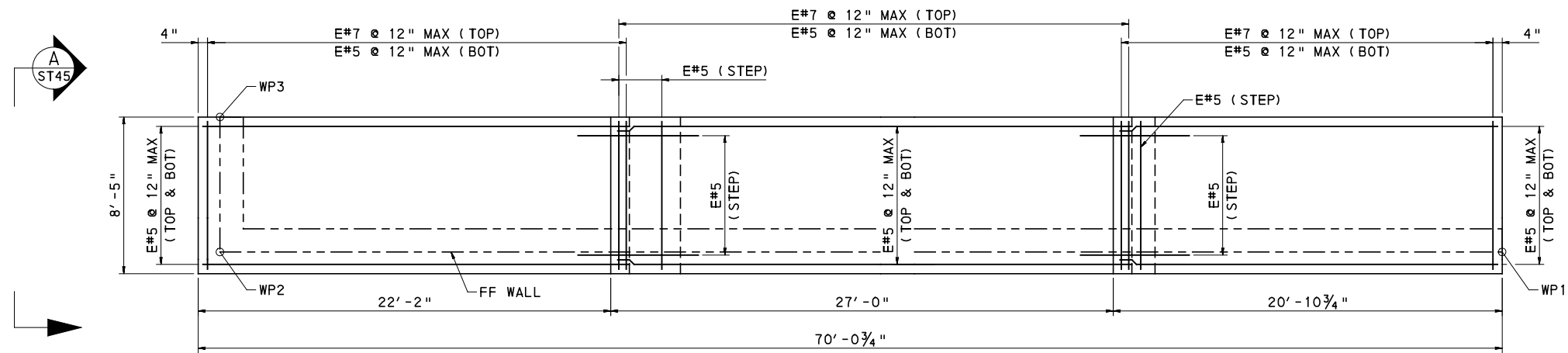
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS KIRKPATRICK WALL - ELEVATION 2		
Port Authority connecting people to life	CONTRACT NO. BRT-001	
	DWG. NO. ST46	SHT. 830



WALL B FOOTING PLAN



WALL A FOOTING PLAN



NOTES:

1. FOR GENERAL PLAN, SEE SHEET 827
2. FOR TYPICAL SECTIONS, SEE SHEET 828
3. FOR WALL A ELEVATION, SEE SHEET 829
4. WALL B ELEVATION, SEE SHEET 830
5. UNLESS NOTED OTHERWISE, USE THE FOLLOWING MINIMUM LAP SPLICE:
#5 BAR = 3'-7"



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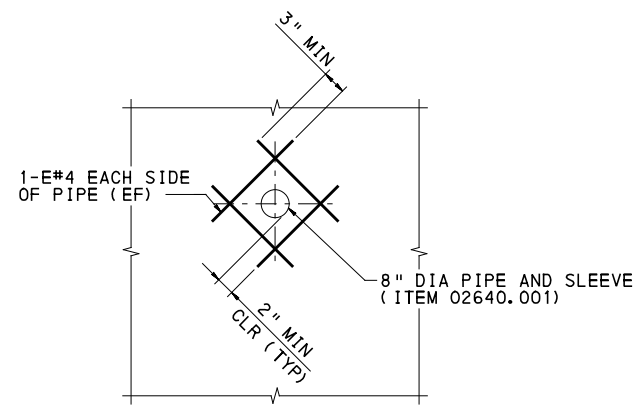
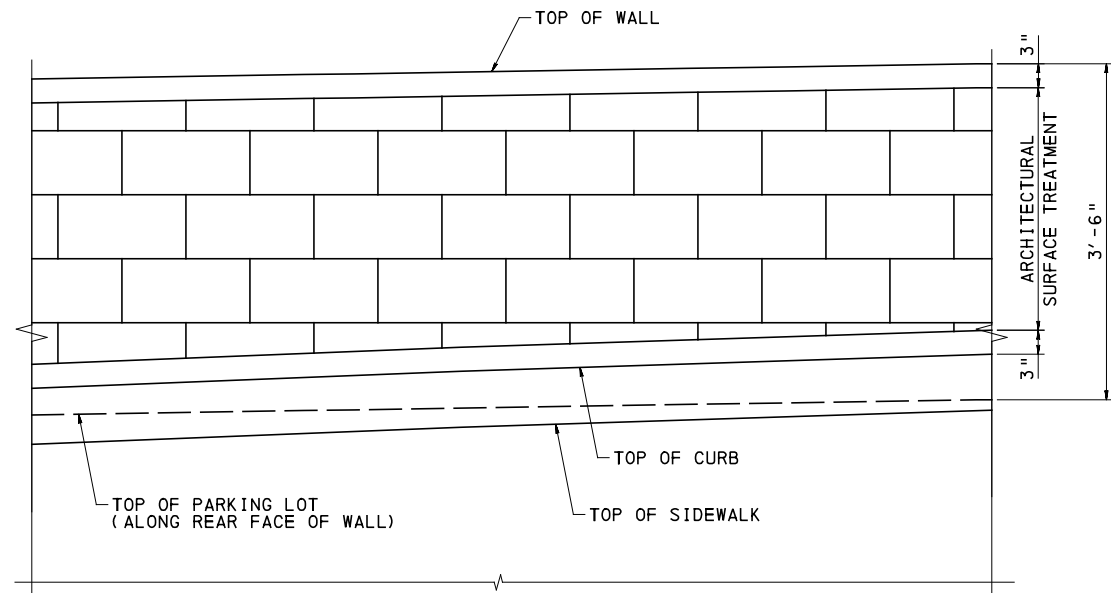
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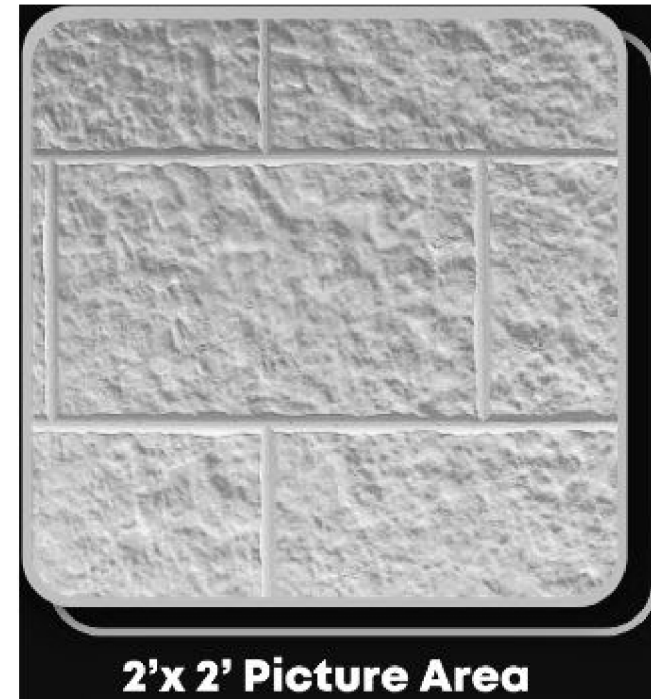
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS KIRKPATRICK WALL - FOOTING PLAN	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. ST47	SHT. 831



REINFORCEMENT DETAIL AROUND PIPE

NTS



2'x 2' Picture Area

ARCHITECTURAL SURFACE TREATMENT
NTS

NOTES:

1. FOR GENERAL PLAN, SEE SHEET 827
2. FOR TYPICAL SECTION AND LIMITS OF ARCHITECTURAL TREATMENT, SEE SHEET 828
3. FOR WALL A ELEVATION, SEE SHEET 829
4. FOR WALL B ELEVATION, SEE SHEET 830
5. ARCHITECTURAL SURFACE TREATMENT IS IN ACCORDANCE WITH "SECTION 03325 - ARCHITECTURAL SURFACE TREATMENT".



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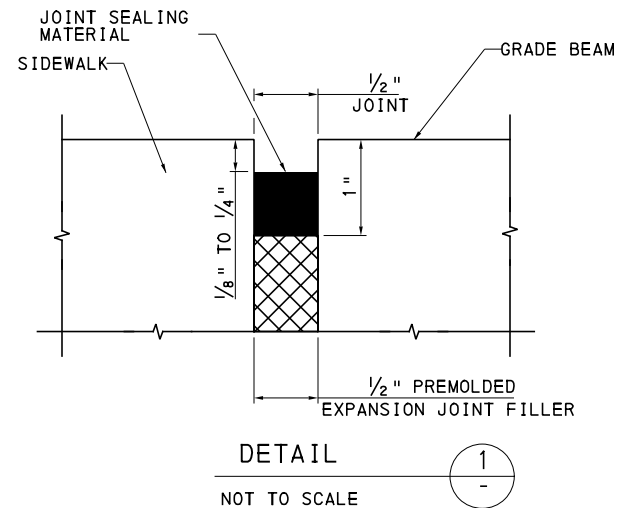
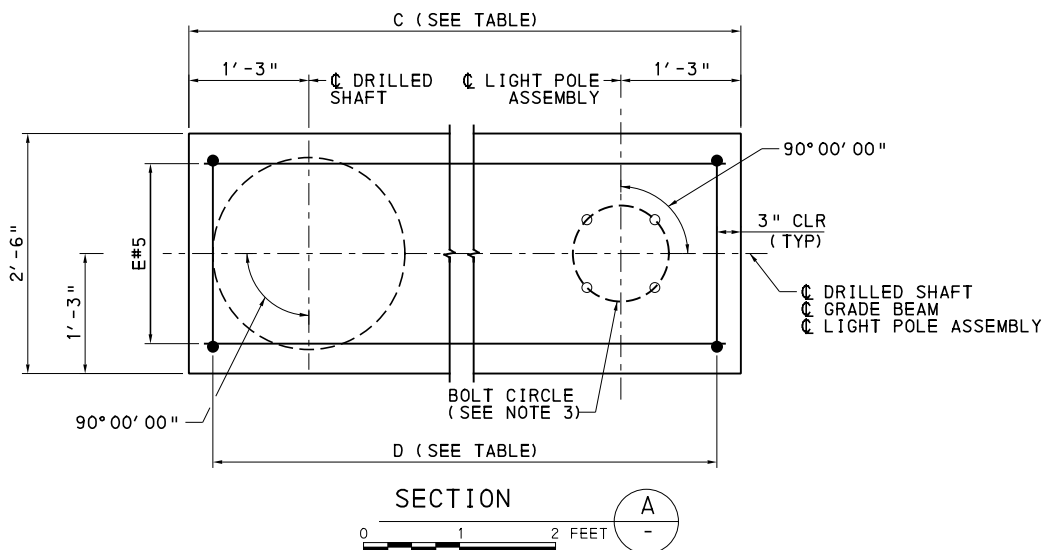
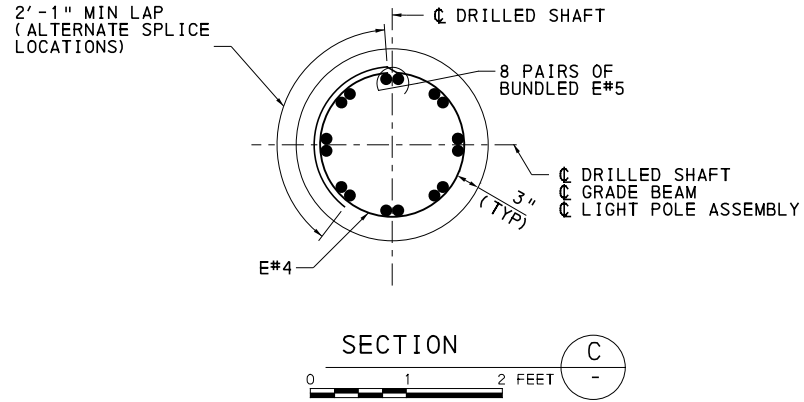
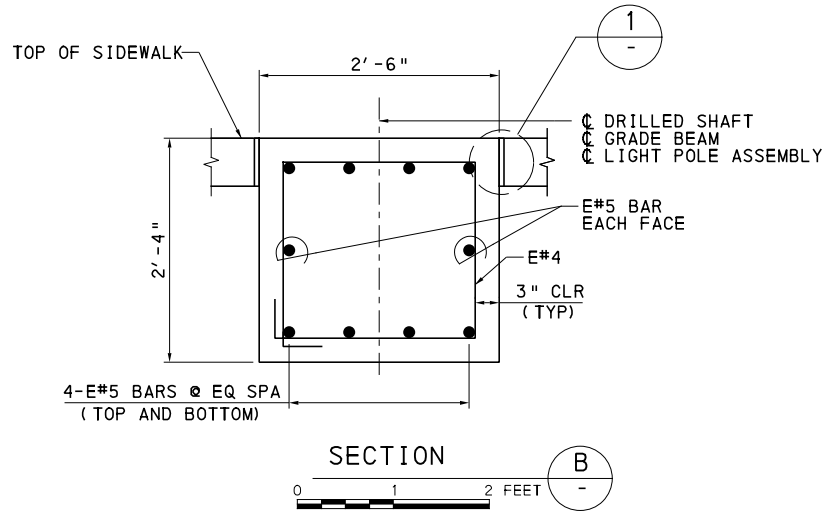
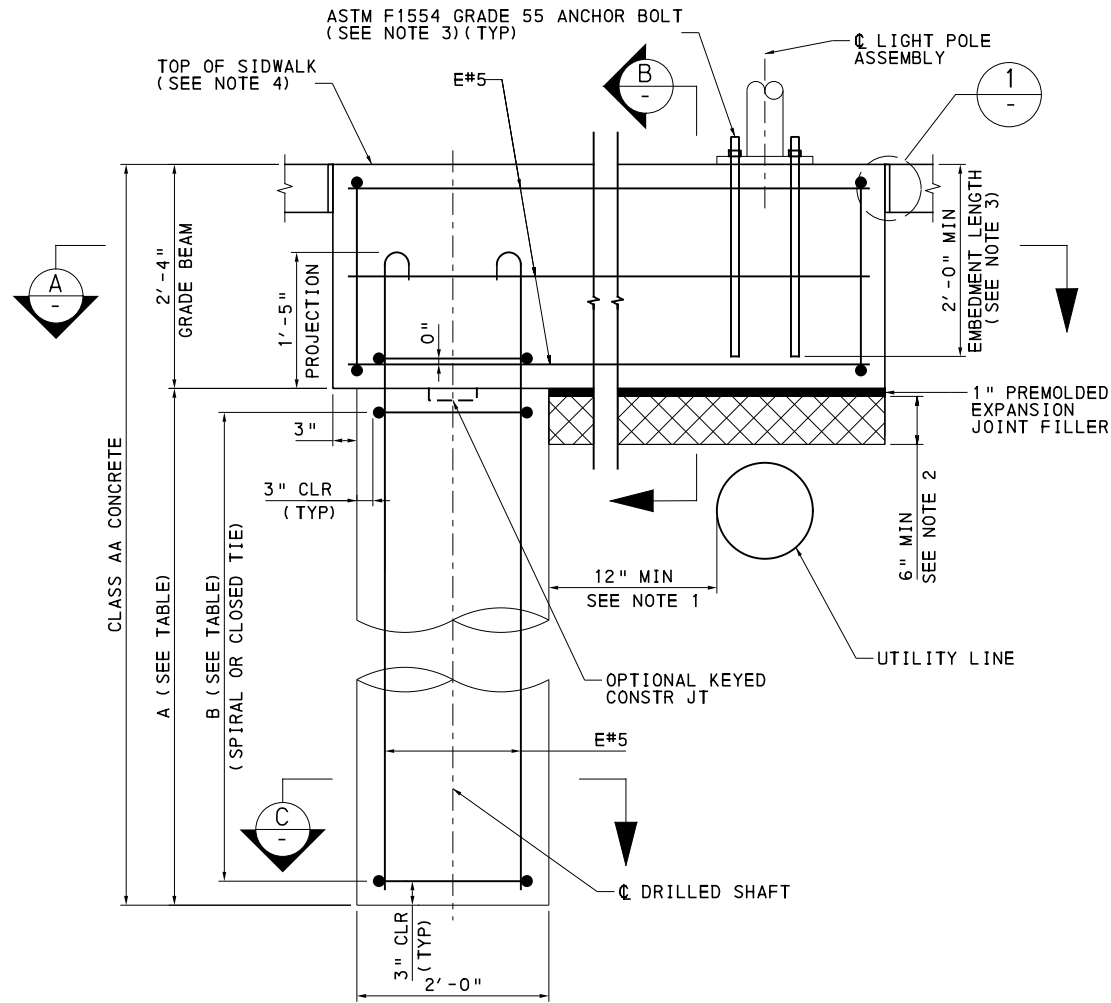
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STRUCTURAL PLANS
KIRKPATRICK WALL - WALL DETAILS 1



CONTRACT NO. BRT-001
DWG. NO. ST48 SHT. 832



OFFSET POLE FOUNDATION						
TYPE	STATION	A (FT)	B	C (FT)	D	BOLT CIRCLE (FT)
TYPE A	160+62 LT	9'-6"	19-E#4 @ 6" MAX	5'-0"	6-E#4 @ 12" MAX	1'-0"
TYPE B	162+32 LT	12'-6"	25-E#4 @ 6" MAX	7'-6"	8-E#4 @ 12" MAX	1'-4"
TYPE A	165+55 LT	12'-6"	25-E#4 @ 6" MAX	7'-6"	8-E#4 @ 12" MAX	1'-4"
TYPE B	167+91 LT	12'-6"	25-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-4"
TYPE B	169+40 LT	12'-6"	25-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-4"
TYPE B	173+16 LT	12'-6"	25-E#4 @ 6" MAX	7'-6"	8-E#4 @ 12" MAX	1'-4"
TYPE A	441+85 LT	9'-6"	19-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-0"
TYPE A	442+74 LT	9'-6"	19-E#4 @ 6" MAX	5'-0"	6-E#4 @ 12" MAX	1'-0"
TYPE A	443+31 LT	9'-6"	19-E#4 @ 6" MAX	5'-0"	6-E#4 @ 12" MAX	1'-0"
TYPE A	444+01 LT	9'-6"	19-E#4 @ 6" MAX	5'-0"	6-E#4 @ 12" MAX	1'-0"
TYPE B	461+82 RT	12'-6"	25-E#4 @ 6" MAX	6'-0"	7-E#4 @ 12" MAX	1'-4"
TYPE B	463+00 RT	12'-6"	25-E#4 @ 6" MAX	6'-0"	7-E#4 @ 12" MAX	1'-4"
TYPE B	465+77 RT	12'-6"	25-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-4"
TYPE B	493+60 RT	12'-6"	25-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-4"
TYPE B	495+06 RT	12'-6"	25-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-4"
TYPE B	496+55 RT	12'-6"	25-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-4"
TYPE B	497+80 RT	12'-6"	25-E#4 @ 6" MAX	5'-6"	6-E#4 @ 12" MAX	1'-4"
TYPE B	499+20 RT	12'-6"	25-E#4 @ 6" MAX	7'-6"	8-E#4 @ 12" MAX	1'-4"
TYPE B	500+80 RT	12'-6"	25-E#4 @ 6" MAX	7'-6"	8-E#4 @ 12" MAX	1'-4"
TYPE B	503+85 RT	12'-6"	25-E#4 @ 6" MAX	7'-6"	8-E#4 @ 12" MAX	1'-4"
TYPE B	506+78 RT	12'-6"	25-E#4 @ 6" MAX	7'-6"	8-E#4 @ 12" MAX	1'-4"

NOTES

- CONTRACTOR TO FIELD VERIFY THAT MINIMUM CLEARANCE IS MET. CONTRACTOR IS RESPONSIBLE FOR LOCATING THE POLES IN THE FIELD, FOR THE MEANS AND METHODS OF CONSTRUCTING THE FOUNDATION AS SHOWN AND ANY GROUNDING REQUIREMENTS.
- PROVIDE 6" THICK UNCOMPACTED DUMPED 2A BEDDING MATERIAL FROM A BULLETIN 15 APPROVED SUPPLIER FROM EDGE OF GRADE BEAM TO FACE OF DRILLED SHAFT.
- FOR FOUNDATION NOTES AND ADDITIONAL DETAILS, SEE TC-8801 AND ALTERNATE POLE DESIGN (URBAN POLES). CONFIRM ANCHOR BOLT DETAILS WITH APPROVED SHOP DRAWINGS.
- MATCH SLOPE AT TOP OF FOUNDATION WITH THAT OF ADJACENT SIDEWALK ON ALL SIDES.
- NEED FOR TEMPORARY CASING SHALL BE DETERMINED BY THE CONTRACTOR BASED ON THE FIELD CONDITIONS.
- CONDUIT AND GROUND ROD NOT SHOWN FOR CLARITY. FOR ADDITIONAL LIGHTING DETAILS, SEE SHEET 700



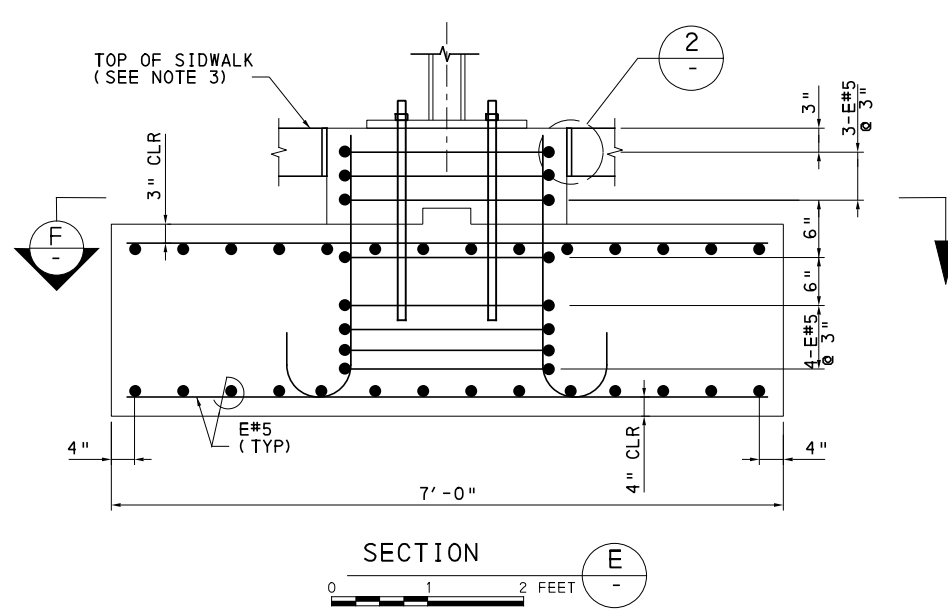
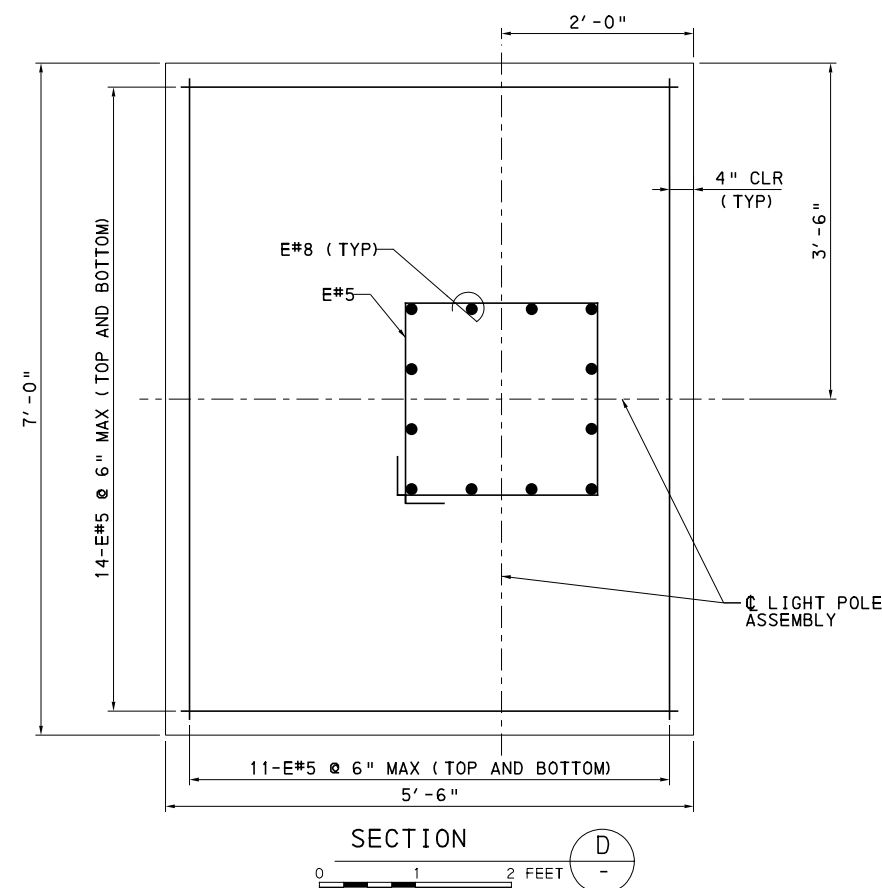
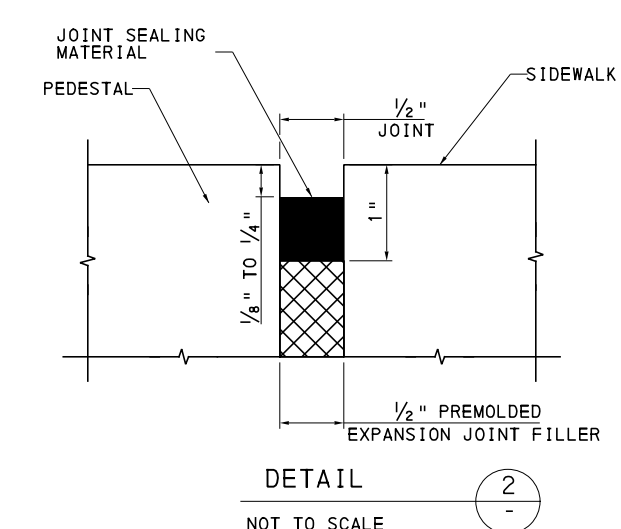
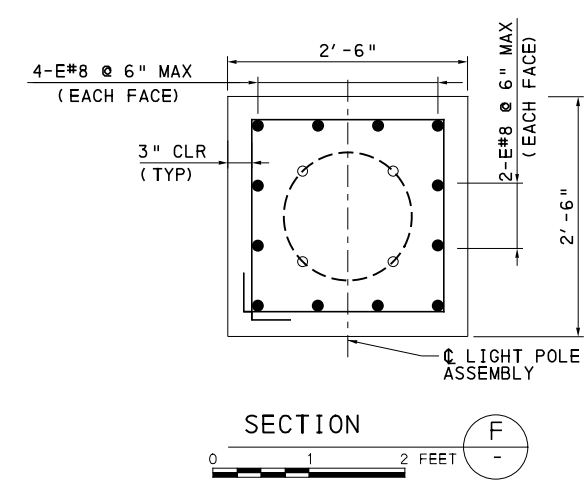
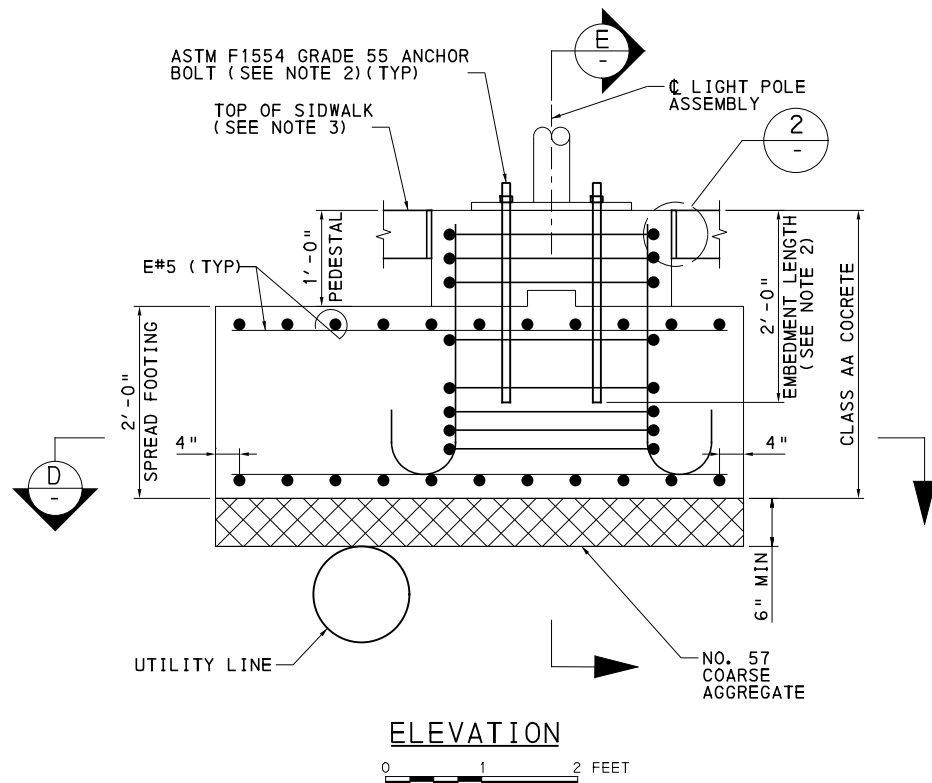
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS OFFSET POLE FOUNDATIONS - PART 1		
Port Authority connecting people to life	CONTRACT NO. BRT-001	DWG. NO. ST49
		SHT. 833



FOUNDATION TYPE B, MODIFIED LOCATIONS	
434+84	LT
441+11	RT
442+74	RT
444+32	RT
445+94	RT

NOTES

- CONTRACTOR IS RESPONSIBLE FOR LOCATING THE POLES IN THE FIELD, FOR THE MEANS AND METHODS OF CONSTRUCTING THE FOUNDATION AS SHOWN AND ANY GRADING REQUIREMENTS.
- FOR FOUNDATION NOTES AND ADDITIONAL DETAILS, SEE TC-8801 AND ALTERNATE POLE DESIGN (URBAN POLES). CONFIRM ANCHOR BOLT DETAILS WITH APPROVED SHOP DRAWINGS.
- MATCH SLOPE AT TOP OF FOUNDATION WITH THAT OF ADJACENT SIDEWALK ON ALL SIDES.
- CONDUIT AND GROUND ROD NOT SHOWN FOR CLARITY. FOR ADDITIONAL LIGHTING DETAILS, SEE SHEET 700



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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STRUCTURAL PLANS OFFSET POLE FOUNDATIONS - PART 2		
Port Authority connecting people to life™	CONTRACT NO. BRT-001	
DWG. NO. ST50	SHT. 834	

NO	STATION NAME	INBOUND/ OUTBOUND	STRUCT DRAWING	ARCH DRAWING	STORM DRAWING	TELECOM DRAWING	NOMINAL SHELTER WIDTH "A"	NOMINAL SHELTER LENGTH "B"	CABINET INFORMATION												
									CABINET SHELTER OFFSET "C"	CABINET CURB OFFSET "D"	LEFT/ RIGHT OF SHELTER	CABINET OPEN DIRECTION	# OF TVM	# OF FUTURE TVM	# OF VALIDATORS	# OF FUTURE VALIDATORS	INFO DISPLAY	PTZ CCTV	FIXED CCTV	EMERGENCY PHONE	AD PANELS
6	UPTOWN WEST STATION	INBOUND	ST4, ST9	AR16	NOTE 3	CS18, CS19, CS29	7'	30'	SEE ARCH DRAWING	7'-4"	RIGHT	TOWARDS	1	0	1	1	SMALL	1	0	YES	1
7	PRIDE ST STATION	INBOUND	ST4, ST9	AR17	NOTE 3	CS18, CS19, CS32	5'	30'	SEE ARCH DRAWING	5'-4"	RIGHT	TOWARDS	1	0	1	1	SMALL	1	0	YES	0
8	UPTOWN CENTRAL STATION	INBOUND	ST4, ST9	AR18	NOTE 3	CS18, CS19, CS29	7'	30'	SEE ARCH DRAWING	8'-11"	RIGHT	TOWARDS	1	0	1	1	SMALL	1	0	YES	2
9	JUMONVILLE ST STATION	INBOUND	ST4, ST9	AR19	P4	CS18, CS19, CS36	7'	30'	SEE ARCH DRAWING	1'-10"	LEFT	AWAY	1	0	1	1	SMALL	1	0	YES	1
10	SOHO STATION	INBOUND	ST4, ST9	AR20	P5	CS18, CS19, CS39	7'	30'	SEE ARCH DRAWING	8'-6"	LEFT	TOWARDS	1	0	1	1	SMALL	1	0	YES	1
11	WEST OAKLAND STATION	INBOUND	ST4, ST9	AR21	P6	CS18, CS19, CS43	5'	30'	SEE ARCH DRAWING	6'-6"	RIGHT	TOWARDS	1	0	1	1	SMALL	1	0	YES	1
12	CHESTERFIELD RD STATION	INBOUND	ST6, ST9	AR22	P7	CS16, CS21, CS44	7'	60'	SEE ARCH DRAWING	8'-7"	RIGHT	TOWARDS	1	1	2	2	LARGE	2	0	YES	2
13	ATWOOD STATION	INBOUND	N/A	AR23	RUNOFF	CS46	EXISTING	EXISTING	-	-	-	-	0	0	2	2	0	0	0	NO	0
14	BIGELOW BLVD STATION	INBOUND	ST4, ST9	AR24	P8	CS47	14'	30'	SEE ARCH DRAWING	7'-4"	RIGHT	TOWARDS	1	1	1	1	SMALL	1	0	YES	1
15	TENNYSON AVE STATION	INBOUND	ST6, ST9	AR25	P9	CS16, CS21, CS48	7'	60'	SEE ARCH DRAWING	7'-4"	LEFT	TOWARDS	1	1	2	2	LARGE	2	0	YES	2
18	UPTOWN WEST STATION	OUTBOUND	ST7, ST9	AR28	P10	CS16, CS21, CS49	7'	60'	SEE ARCH DRAWING	6'-4"	LEFT	TOWARDS	1	1	2	2	LARGE	2	0	YES	2
19	PRIDE ST STATION	OUTBOUND	ST8, ST9	AR29	NOTE 3	CS16, CS21, CS50	7'	60'	SEE ARCH DRAWING	8'-7"	LEFT	TOWARDS	1	1	2	2	LARGE	2	0	YES	2
20	UPTOWN CENTRAL STATION	OUTBOUND	ST5, ST9	AR30	NOTE 3	CS18, CS20, CS52	7'	30'	SEE ARCH DRAWING	9'-5"	RIGHT	TOWARDS	0	0	1	1	SMALL	0	0	NO	1
21	JUMONVILLE ST STATION	OUTBOUND	ST5, ST9	AR31	NOTE 3	CS18, CS20, CS54	7'	30'	SEE ARCH DRAWING	9'-0"	RIGHT	TOWARDS	0	0	1	1	SMALL	0	0	NO	1
22	SOHO STATION	OUTBOUND	ST5, ST9	AR32	NOTE 3	CS18, CS20, CS56	7'	30'	SEE ARCH DRAWING	7'-4"	RIGHT	TOWARDS	0	0	1	1	SMALL	0	0	NO	1
23	WEST OAKLAND STATION	OUTBOUND	ST6, ST9	AR33	NOTE 3	CS16, CS21, CS58	5'	60'	SEE ARCH DRAWING	5'-6"	RIGHT	TOWARDS	1	1	2	2	LARGE	2	0	YES	2
24	McKEE PL STATION	OUTBOUND	ST6, ST9	AR34	NOTE 3	CS16, CS21, CS59	7'	60'	SEE ARCH DRAWING	1'-10"	LEFT	AWAY	1	1	2	2	LARGE	2	0	YES	2
25	CENTRAL OAKLAND STATION	OUTBOUND	ST6, ST7 ST9	AR35 AR36	NOTE 3	CS16, CS22, CS60	5'	60' (QTY 2)	SEE ARCH DRAWING	6'-2"	RIGHT	TOWARDS	1	1	2	2	LARGE	4	0	YES	4
26	BIGELOW BLVD STATION	OUTBOUND	ST6, ST8 ST9	AR37 AR38	NOTE 3	CS16, CS21, CS61	7'	60'	SEE ARCH DRAWING	5'-3"	LEFT	RIGHT	1	1	2	2	LARGE	2	0	YES	2

NOTES:

- CABINET OPEN DIRECTION IS DETERMINED LOOKING AT SHELTER FROM ROAD.
- CABINET OFFSETS ARE DEPICTED ON THE TYPICAL SHELTER ELECTRICAL DRAWINGS EL4 AND EL5.
- STORM DRAINAGE TO STREET, PER ST11-TYPE 2 (MINIMUM 7-INCH CURB REVEAL) OR ST12-TYPE 3 (LESS THAN 7-INCH CURB REVEAL).
- SPECIFICATION SECTION 16124 CABINET TYPE 1 USED AT TYPICAL SHELTERS. CABINET NOT REQUIRED AT STATION #13.
- SPECIFICATION SECTION 16124 CABINET HEATER REQUIRED 400 WATT AT TYPE 1 CABINET; HEATERS TO BE MOUNTED BELOW THE CIRCUIT BREAKER PANEL, AND ALL WIRING MUST BE ROUTED A MINIMUM OF 6-INCHES FROM THE CABINET HEATER.



Gulf Tower
707 Grant Street
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Pittsburgh, PA 15219



ELECTRICAL ENGINEERS
732 THIRD AVENUE, SUITE 102
NEW BRIGHTON, PA 15066
PHONE: (724) 847-0407
FAX: (724) 847-0673

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(NOT FOR CONSTRUCTION)

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IN CHARGE	CML
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
STATION ELECTRICAL PLANS
STATION TRACKER - CONSTRUCTION DATA**



CONTRACT NO. BRT-001

DWG. NO. EL1 SHT. 835

LEGEND:

- GROUND ROD WITH EXOTHERMIC WELD CONNECTION TO GROUND RING
- ⊙ STRUCTURE GROUND BONDING CONNECTION
- EXOTHERMIC WELD CONNECTION

NOTES:

1. SINGLE POSITION METER SOCKET, 4 JAW TYPE, 120 AMP 240V, 1 PHASE, NEMA 3R.
2. 2 DOOR NEMA 3R SS CABINET WITH INDEPENDENTLY LOCKING DOORS, 48" WIDE X 60" HIGH X 24" DEEP.
3. CONDUITS TO BE CAPPED AND TERMINATED 2" BELOW TOP OF CONCRETE WHERE FUTURE EQUIPMENT WILL BE INSTALLED.
4. CONDUIT BURIAL TO BE 30" MINIMUM.
5. NEW POWER SERVICE TO METER AT CABINET.
6. SEE EL1 FOR APPLICABLE ARCHITECTURAL AND COMMUNICATIONS DRAWINGS, FOR LOCATION AND LISTING OF CURRENT & FUTURE SHELTER EQUIPMENT.
7. CONDUITS FOR CURRENT SHELTER EQUIPMENT TO BE TERMINATED FLUSH WITH TOP OF SLAB LEVEL, WITH COUPLING AND TEMPORARY CAP, TO FACILITATE FUTURE 6" EXTENSION ABOVE THE TOP OF SLAB - INTO THE SHELTER POST. PVC EXTENSION FROM COUPLING TO BE INSTALLED AT TIME OF SHELTER INSTALLATION. SEE DETAIL ON DRAWING EL4.
8. SEE DRAWING EL1, FOR CABINET OPEN DIRECTION AND DIMENSIONS A, B, C, AND D.
9. STUB UP CONDUIT 4" ABOVE CONCRETE AT TIME OF SHELTER INSTALLATION. SEE DRAWING EL4.
10. USE ANTI-OXIDANT PASTE ON ALL COPPER TO ALUMINUM CONNECTIONS.
11. PROVIDE WWF WITH 3" CLEAR ALL AROUND. PAD TO BE SIZED 2" WIDER AND LONGER THAN CABINET. PROVIDE 8" LONG #5 DOWELS AT 12" MAXIMUM SPACING, ON EACH SIDE OF HOUSEKEEPING PAD, WITH 3" CLEAR TO PAD EDGE, AND 4" EMBEDMENT EPOXY DOWELED INTO EXISTING CONCRETE SIDEWALK.
12. STORM WATER UTILIZES RUNOFF AT ALL 15-FT SHELTERS. SEE DRAWING EL1 FOR STORM DRAWINGS APPLICABLE TO OTHER STRUCTURES.
13. GROUNDING TO BE INSTALLED UNDER BACK OF SHELTER PAD, WHERE EXISTING RETAINING WALL OR BUILDING PREVENTS INSTALLATION THREE (3) FEET BEHIND THE SHELTER. ANTICIPATED AT ROSS STATION.
14. GROUNDING AT 30-FT SHELTERS REQUIRES LUG CONNECTIONS AT FIVE (5) SHELTER POSTS. GROUNDING AT 60-FT SHELTERS REQUIRES SIX (6) GROUND RODS (WITH RODS ADDED AT THE MID-POINT OF EACH LONG SIDE), AND LUG CONNECTIONS AT NINE (9) SHELTER POSTS.
15. FOR ALL GROUND CONNECTIONS AT SHELTER POSTS, GROUND WIRE TO BE IN CONDUIT THROUGH CONCRETE SLAB BEHIND SHELTER POST, AND TERMINATED AT TOP OF SLAB UNTIL SHELTER IS INSTALLED. CONTRACTOR TO CHIP OUT MINIMAL CONCRETE NECESSARY AT TIME OF SHELTER INSTALLATION TO EXTEND GROUND, COMPLETE LUG CONNECTION TO ALUMINUM SHELTER POST, AND PATCH CONCRETE REMOVED.
16. REFER TO "CS" DRAWINGS FOR QUANTITY AND CONTINUATION OF BRANCH CIRCUIT CONDUITS.
17. PROVIDE 1800VA PHOTOCONTROL AND 30A 2-POLE LIGHTING CONTACTOR FOR STATION LIGHTING, MESSAGE SIGN AND AD PANEL (WHERE APPLICABLE). INSTALL PHOTOCONTROL WITH GASKET ON CABINET.
18. LIGHTING CONDUIT CONTINUES INSIDE COLUMN TO PROVIDE POWER TO STATION LIGHTING AND AD PANELS. REFER TO ARCHITECTURAL DETAIL DRAWINGS.



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NEW BRIGHTON, PA 15066
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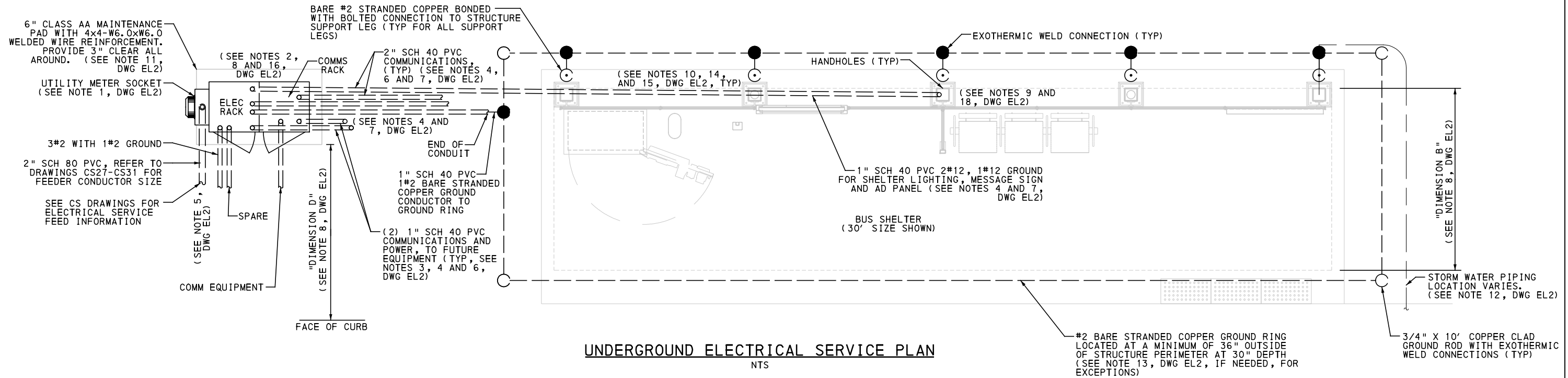
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

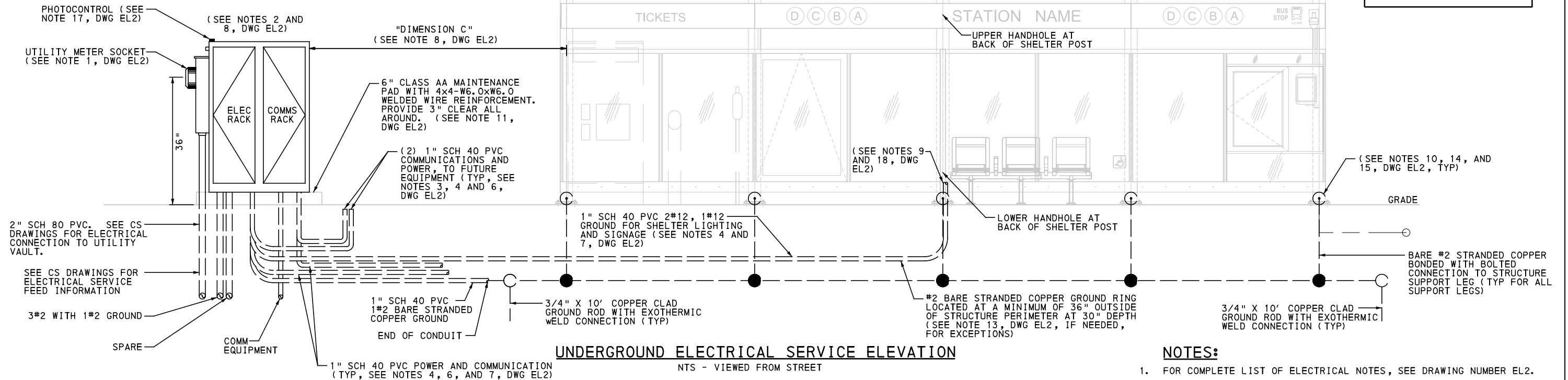
BUS RAPID TRANSIT UPTOWN TO OAKLAND
STATION ELECTRICAL PLANS
GENERAL ELECTRICAL NOTES



CONTRACT NO. BRT-001	
DWG. NO. EL2	SHT. 836



UNDERGROUND ELECTRICAL SERVICE PLAN
NTS



UNDERGROUND ELECTRICAL SERVICE ELEVATION
NTS - VIEWED FROM STREET

NOTES:

1. FOR COMPLETE LIST OF ELECTRICAL NOTES, SEE DRAWING NUMBER EL2.



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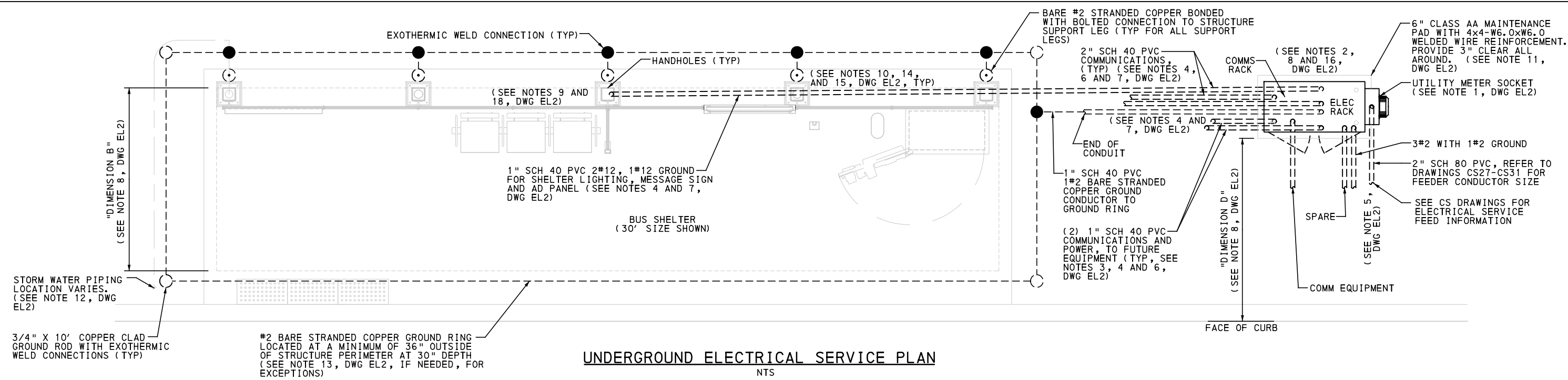
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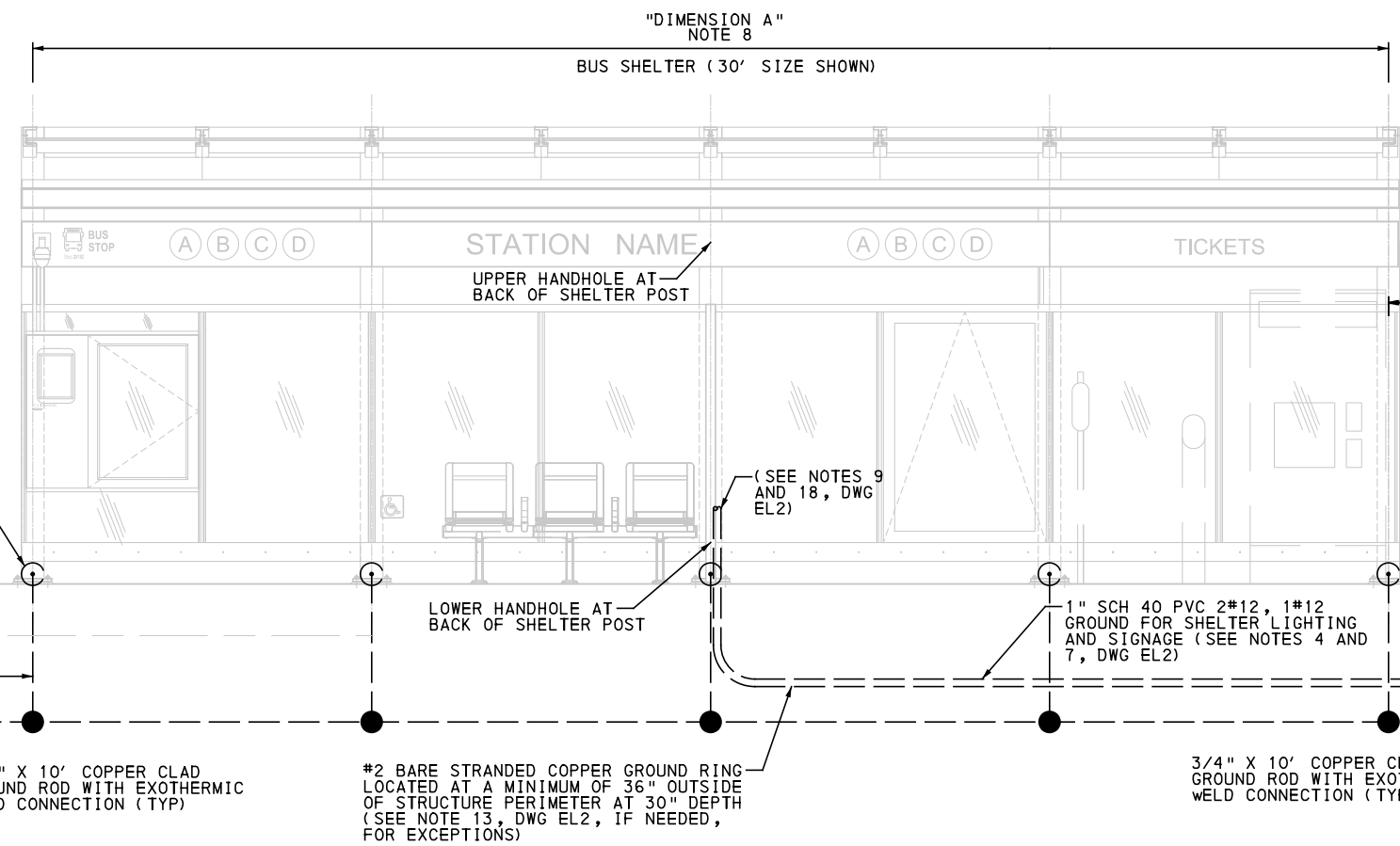
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STATION ELECTRICAL PLANS TYPICAL STATION PLAN & ELEVATION - 30 & 60 FT (LEFT)		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. EL3	SHT. 837



UNDERGROUND ELECTRICAL SERVICE PLAN
NTS

- STATIONS:**
- UPTOWN WEST INBOUND
 - PRIDE STREET INBOUND
 - UPTOWN CENTRAL INBOUND
 - WEST OAKLAND INBOUND
 - CHESTERFIELD ROAD INBOUND
 - BIGELOW BOULEVARD INBOUND
 - TENNYSON AVENUE INBOUND
 - PRIDE STREET OUTBOUND
 - UPTOWN CENTRAL OUTBOUND
 - JUMONVILLE STREET OUTBOUND
 - SOHO STATION OUTBOUND
 - WEST OAKLAND OUTBOUND



UNDERGROUND ELECTRICAL SERVICE ELEVATION
NTS - VIEWED FROM STREET

- NOTES:**
- FOR COMPLETE LIST OF ELECTRICAL NOTES, SEE DRAWING NUMBER EL2.

AECOM
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SANTANGELO LINDSAY
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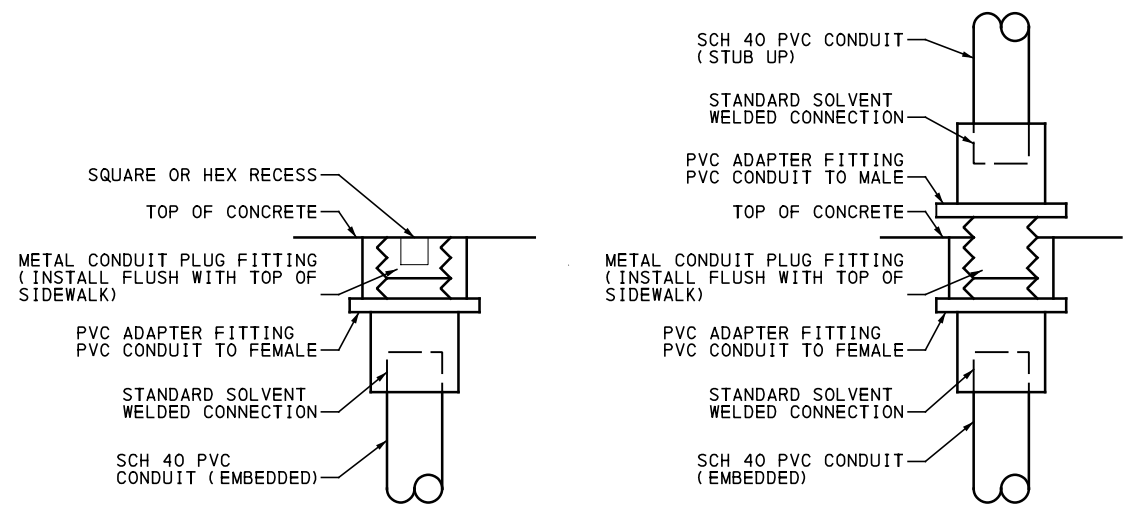
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PITTSBURGH, PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND STATION ELECTRICAL PLANS
TYPICAL STATION PLAN & ELEVATION - 30 & 60 FT (RIGHT)

Port Authority connecting people to life
CONTRACT NO. BRT-001
DWG. NO. EL4 SHT. 838

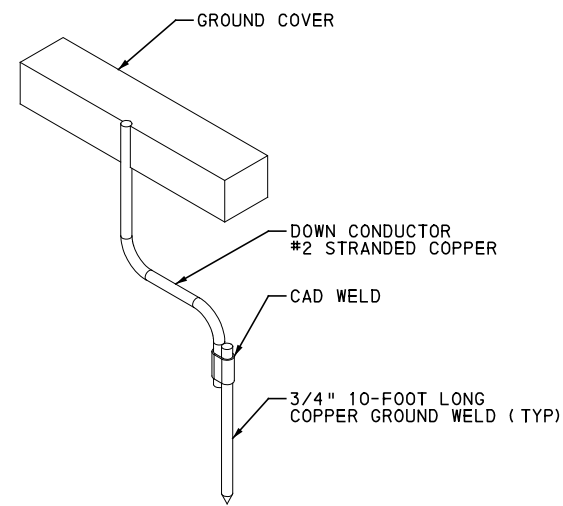


**CONDUIT TERMINATION
PRIOR TO SHELTER COMPLETION**

NTS

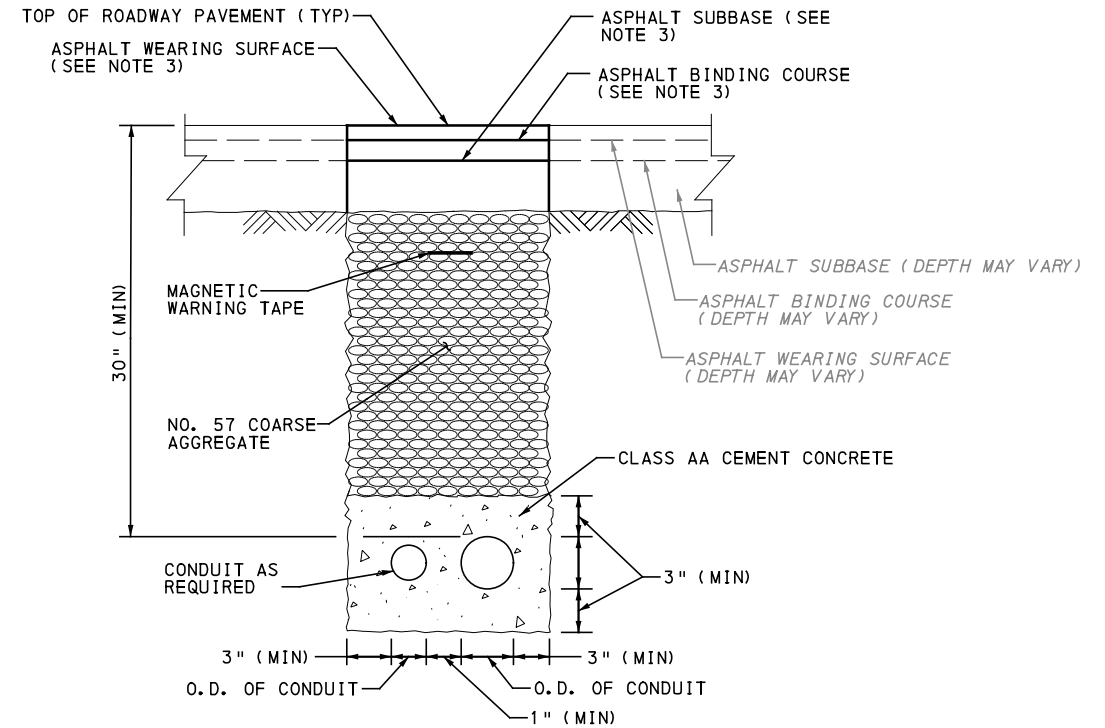
**CONDUIT TERMINATION
(AFTER SHELTER COMPLETION)**

NTS



**TYPICAL SINGLE GROUND
ROD INSTALLATION**

NTS



**TYPICAL ROADWAY TRENCH AND
CONCRETE ENCASED CONDUIT**

NTS

NOTES:

1. INCREASE OVERALL WIDTH OF TRENCH INCREMENTALLY, FOR ADDITIONAL NUMBER OF CONDUITS TO BE ENCASED. ADJACENT TRENCHES WITH ENCASED CONDUITS, FOR POWER AND COMM.
2. REINFORCED CEMENT CONCRETE AND SUBBASE IS INCIDENTAL TO ROADWAY TRENCH ITEM.
3. ASPHALT DEPTH VARIES - SEE ROADWAY TYPICAL SECTIONS. MATCH EXISTING SURROUNDING PAVEMENT CROSS SECTIONS.



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PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
STATION ELECTRICAL PLANS
MISCELLANEOUS ELECTRICAL DETAILS**



CONTRACT NO. BRT-001

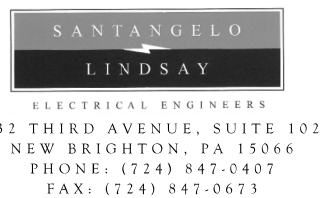
DWG. NO. EL5

SHT. 839

STATION 12 - CHESTERFIELD ROAD (FIFTH AVENUE) INBOUND											
60' STATION						MOUNTING TYPE: SURFACE					
VOLTAGE: 120 / 240, 1 PHASE, 3 WIRE						CABINET LOCATION: RIGHT OF SHELTER					
BUS AMPRES: 125						FED FROM: UNDERGROUND UTILITY					
K.A.I.C. RATING: 22						MAIN BREAKER MOUNTED ON: TOP					
MAIN BREAKER AMPS: 60											
CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG A	CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG B
1	1	20	12	TICKET VENDING MACHINE #1	1284.00	2	1	20	12	VALIDATOR #1	38.00
3	1	20	12	CONTROL CABINET	510.00	4	1	20	12	VALIDATOR #2	38.00
5				TICKET VENDING MACHINE #2 (FUTURE)		6	1	20	12	LIGHTS, MESSAGE SIGN & AD PANELS	825.00
7				SPACE		8	1	20	12	EMERGENCY PHONE	50.00
9	2	---	---	SURGE PROTECTION DEVICE		10				VALIDATOR #3 (FUTURE)	
11									VALIDATOR #4 (FUTURE)		
13				SPACE		14	1	20	12	ELECTRICAL CABINET HEATER	400.00
15				SPACE		16				SPACE	
17				SPACE		18				SPACE	
PANEL BOARD LOAD SUMMARY					LEG A (VA) 1794.00	LEG B (VA) 1351.00					
TOTAL VA					2945.00						
TOTAL AMPS					24.54						

STATION 14 - BIGELOW BLVD (FIFTH AVENUE) INBOUND											
60' STATION						MOUNTING TYPE: SURFACE					
VOLTAGE: 120 / 208, 3 PHASE, 4 WIRE						CABINET LOCATION: RIGHT OF SHELTER					
BUS AMPRES: 125						FED FROM: UNDERGROUND UTILITY					
K.A.I.C. RATING: 22						MAIN BREAKER MOUNTED ON: TOP					
MAIN BREAKER AMPS: 60											
CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA	CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA
1	1	20	12	TICKET VENDING MACHINE #1	1184.00	2	1	20	12	VALIDATOR #1	38.00
3						4				VALIDATOR #2	38.00
5	1	20	12	CONTROL CABINET	510.00	6	1	20	12	LIGHTS, MESSAGE SIGN & AD PANEL	1325.00
7				SPACE		8	1	20	12	EMERGENCY PHONE	50.00
9	2	---	---	SURGE PROTECTION DEVICE		10				VALIDATOR #3 (FUTURE)	
11									VALIDATOR #4 (FUTURE)		
13				SPACE		14	1	20	12	ELECTRICAL CABINET HEATER	400.00
15				SPACE		16				SPACE	
17				SPACE		18				SPACE	
PANEL BOARD LOAD SUMMARY					LEG A (VA) 1694.00	LEG B (VA) 1851.00					
TOTAL VA					3345.00						
TOTAL AMPS					27.88						

STATION 15 - TENNYSON AVENUE (FIFTH AVENUE) INBOUND											
60' STATION						MOUNTING TYPE: SURFACE					
VOLTAGE: 120 / 240, 1 PHASE, 3 WIRE						CABINET LOCATION: RIGHT OF SHELTER					
BUS AMPRES: 125						FED FROM: UNDERGROUND UTILITY					
K.A.I.C. RATING: 22						MAIN BREAKER MOUNTED ON: TOP					
MAIN BREAKER AMPS: 60											
CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG A	CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG B
1	1	20	12	TICKET VENDING MACHINE #1	1184.00	2	1	20	12	VALIDATOR #1	38.00
3				SPACE		4	1	20	12	VALIDATOR #2	38.00
5	1	20	12	CONTROL CABINET	510.00	6	1	20	12	LIGHTS, MESSAGE SIGN & AD PANELS	1525.00
7				SPACE		8	1	20	12	EMERGENCY PHONE	50.00
9	2	---	---	SURGE PROTECTION DEVICE		10				VALIDATOR #3 (FUTURE)	
11									VALIDATOR #4 (FUTURE)		
13				SPACE		14	1	20	12	ELECTRICAL CABINET HEATER	400.00
15				SPACE		16				SPACE	
17				SPACE		18				SPACE	
PANEL BOARD LOAD SUMMARY					LEG A (VA) 1694.00	LEG B (VA) 2051.00					
TOTAL VA					3345.00						
TOTAL AMPS					27.88						



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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STATION ELECTRICAL PLANS
PANEL SCHEDULES - STATIONS 12 THRU 15

Port Authority connecting people to life®

CONTRACT NO. BRT-001
DWG. NO. EL7 SHT. 841

STATION 24 - MCKEE PLACE (FORBES AVENUE) OUTBOUND
 60' STATION
 VOLTAGE: 120 / 240, 1 PHASE, 3 WIRE
 BUS AMPRES: 125
 K.A.I.C. RATING: 22
 MAIN BREAKER AMPS: 100

MOUNTING TYPE: SURFACE
 CABINET LOCATION: RIGHT OF SHELTER
 FED FROM: UNDERGROUND UTILITY
 MAIN BREAKER MOUNTED ON: TOP

CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG A	CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG B
1	1	20	12	TICKET VENDING MACHINE #1	1284.00	2	1	20	12	VALIDATOR #1	38.00
3				SPACE		4	1	20	12	VALIDATOR #2	38.00
5	1	20	12	TICKET VENDING MACHINE #2	1284.00	6	1	20	12	LIGHTS, MESSAGE SIGN & AD PANELS	1525.00
7				SPACE		8				VALIDATOR #3 (FUTURE)	
9						10				VALIDATOR #4 (FUTURE)	
11	2	---	---	SURGE PROTECTION DEVICE		12	1	20	12	EMERGENCY PHONE	50.00
13				SPACE		14	1	20	12	CONTROL CABINET	510.00
15				SPACE		16				SPACE	
17				SPACE		18				SPACE	

PANEL BOARD LOAD SUMMARY
 TOTAL VA 4329.00 LEG A (VA) 2568.00 LEG B (VA) 2161.00
 TOTAL AMPS 36.08

STATION 25 - CENTRAL OAKLAND (FORBES AVENUE) OUTBOUND
 2 X 60' STATION
 VOLTAGE: 120 / 208, 3 PHASE, 4 WIRE
 BUS AMPRES: 125
 K.A.I.C. RATING: 22
 MAIN BREAKER AMPS: 100

MOUNTING TYPE: SURFACE
 CABINET LOCATION: RIGHT OF SHELTER
 FED FROM: UNDERGROUND UTILITY
 MAIN BREAKER MOUNTED ON: TOP

CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA	CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA
1	1	20	12	TICKET VENDING MACHINE #1	1284.00	2	1	20	12	VALIDATOR #1	38.00
3	1	20	12	CONTROL CABINET	510.00	4	1	20	12	VALIDATOR #2	38.00
5	1	20	12	TICKET VENDING MACHINE #2 (FUTURE)		6	1	20	12	LGTS AND MESSAGE SIGN (SCT 1)	1125.00
7	1	20	12	AD PANELS	800.00	8				VALIDATOR #3 (FUTURE)	
9						10				VALIDATOR #4 (FUTURE)	
11	2	---	---	SURGE PROTECTION DEVICE		12	1	20	12	EMERGENCY PHONE	50.00
13				SPACE		14	1	20	12	LIGHTS (SECTION 2)	1000.00
15				SPACE		16	1	20	12	ELECTRIC PANEL HEATER	400.00
17				SPACE		18				SPACE	

PANEL BOARD LOAD SUMMARY
 TOTAL VA 4445.00 2594.00 2651.00
 TOTAL AMPS 37.04

STATION 26 - BIGELOW BLVD (FORBES AVENUE) OUTBOUND
 60' STATION
 VOLTAGE: 120 / 240, 1 PHASE, 3 WIRE
 BUS AMPRES: 125
 K.A.I.C. RATING: 22
 MAIN BREAKER AMPS: 100

MOUNTING TYPE: SURFACE
 CABINET LOCATION: RIGHT OF SHELTER
 FED FROM: UNDERGROUND UTILITY
 MAIN BREAKER MOUNTED ON: TOP

CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG A	CKT. #	POLE	BKR. AMPS	WIRE SIZE	CIRCUIT DESCRIPTION	VA LEG B
1	1	20	12	TICKET VENDING MACHINE #1	1284.00	2	1	20	12	VALIDATOR #1	38.00
3				TICKET VENDING MACHINE #2 (FUTURE)		4				VALIDATOR #2	38.00
5	1	20	12	CONTROL CABINET	510.00	6	1	20	12	LIGHTS, MESSAGE SIGN & AD PANELS	1525.00
7				SPACE		8	1	20	12	EMERGENCY PHONE	50.00
9						10				VALIDATOR #3 (FUTURE)	
11	2	---	---	SURGE PROTECTION DEVICE		12				VALIDATOR #4 (FUTURE)	
13				SPACE		14	1	20	12	LIGHTS (SECTION 2)	1000.00
15				SPACE		16	1	20	12	ELECTRIC CABINET HEATER	400.00
17				SPACE		18				SPACE	

PANEL BOARD LOAD SUMMARY
 TOTAL VA 4445.00 LEG A (VA) 1794.00 LEG B (VA) 3051.00
 TOTAL AMPS 37.04



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 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 STATION ELECTRICAL PLANS
 PANEL SCHEDULES - STATIONS 24 THRU 26

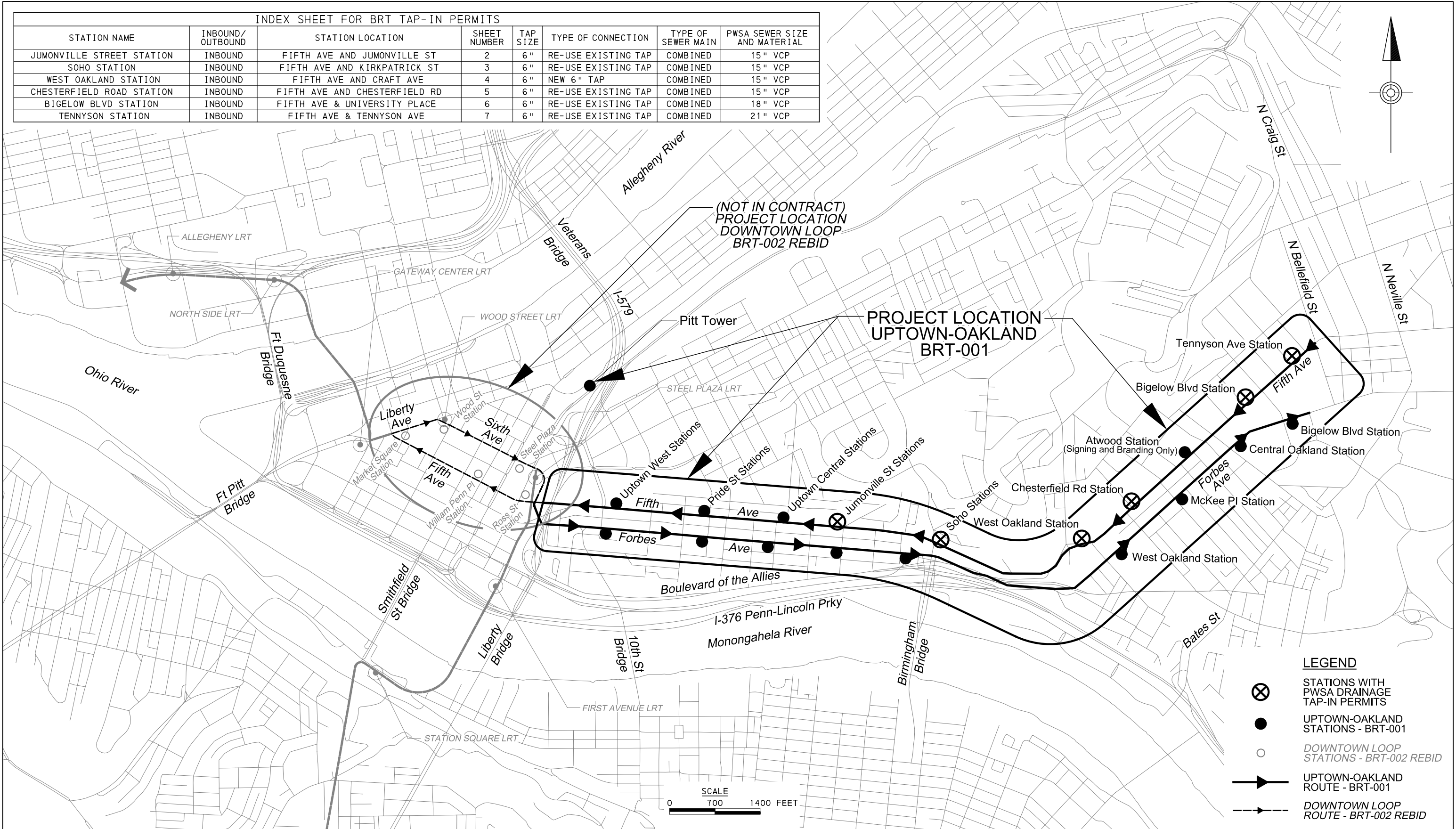
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CONTRACT NO. BRT-001
 DWG. NO. EL9 SHT. 843

PLOTTED: 3/22/2024 9:50:06 AM

INDEX SHEET FOR BRT TAP-IN PERMITS

STATION NAME	INBOUND/OUTBOUND	STATION LOCATION	SHEET NUMBER	TAP SIZE	TYPE OF CONNECTION	TYPE OF SEWER MAIN	PWSA SEWER SIZE AND MATERIAL
JUMONVILLE STREET STATION	INBOUND	FIFTH AVE AND JUMONVILLE ST	2	6"	RE-USE EXISTING TAP	COMBINED	15" VCP
SOHO STATION	INBOUND	FIFTH AVE AND KIRKPATRICK ST	3	6"	RE-USE EXISTING TAP	COMBINED	15" VCP
WEST OAKLAND STATION	INBOUND	FIFTH AVE AND CRAFT AVE	4	6"	NEW 6" TAP	COMBINED	15" VCP
CHESTERFIELD ROAD STATION	INBOUND	FIFTH AVE AND CHESTERFIELD RD	5	6"	RE-USE EXISTING TAP	COMBINED	15" VCP
BIGELOW BLVD STATION	INBOUND	FIFTH AVE & UNIVERSITY PLACE	6	6"	RE-USE EXISTING TAP	COMBINED	18" VCP
TENNYSON STATION	INBOUND	FIFTH AVE & TENNYSON AVE	7	6"	RE-USE EXISTING TAP	COMBINED	21" VCP



- LEGEND**
- STATIONS WITH PWSA DRAINAGE TAP-IN PERMITS
 - UPTOWN-OAKLAND STATIONS - BRT-001
 - DOWNTOWN LOOP STATIONS - BRT-002 REBID
 - UPTOWN-OAKLAND ROUTE - BRT-001
 - DOWNTOWN LOOP ROUTE - BRT-002 REBID



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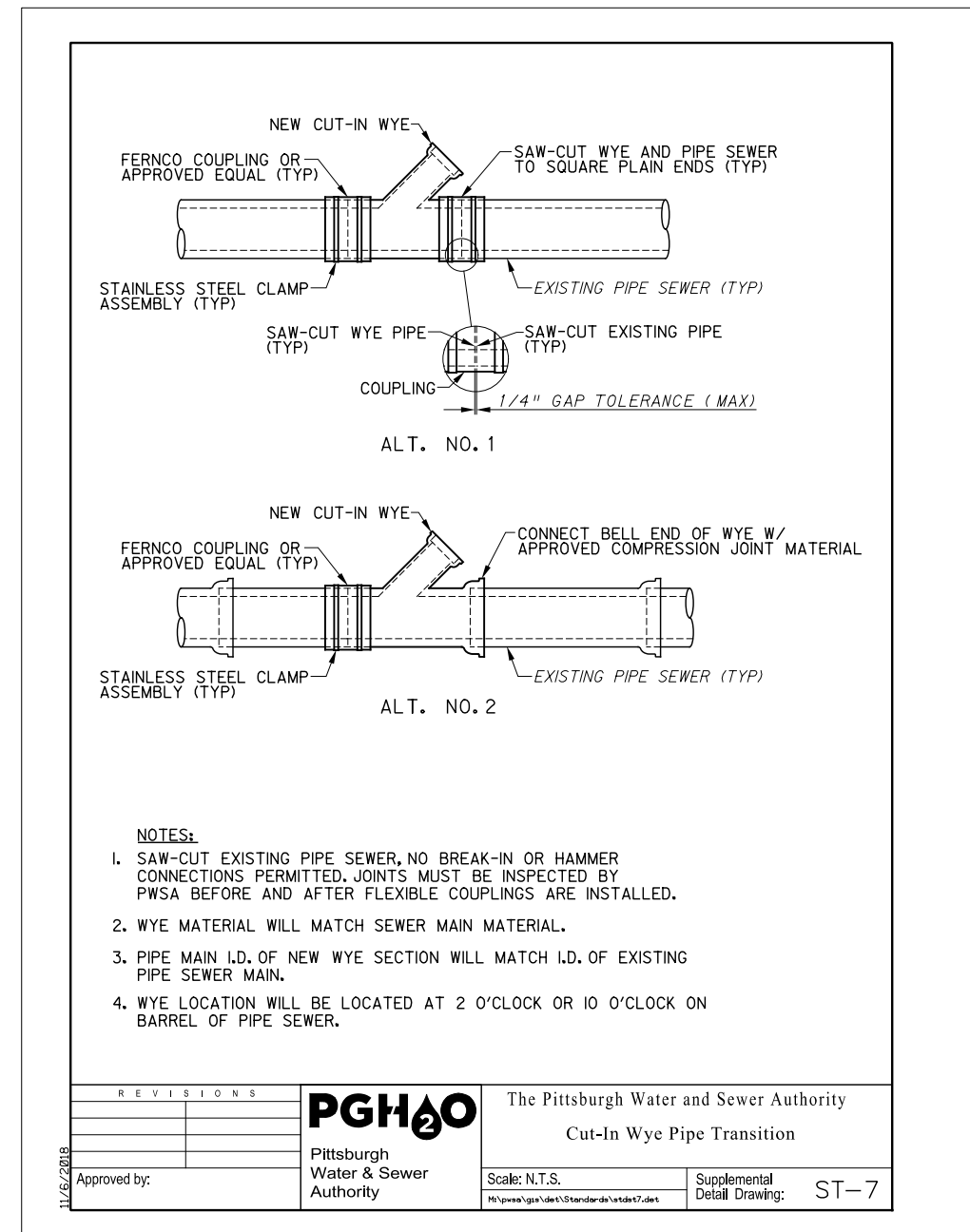
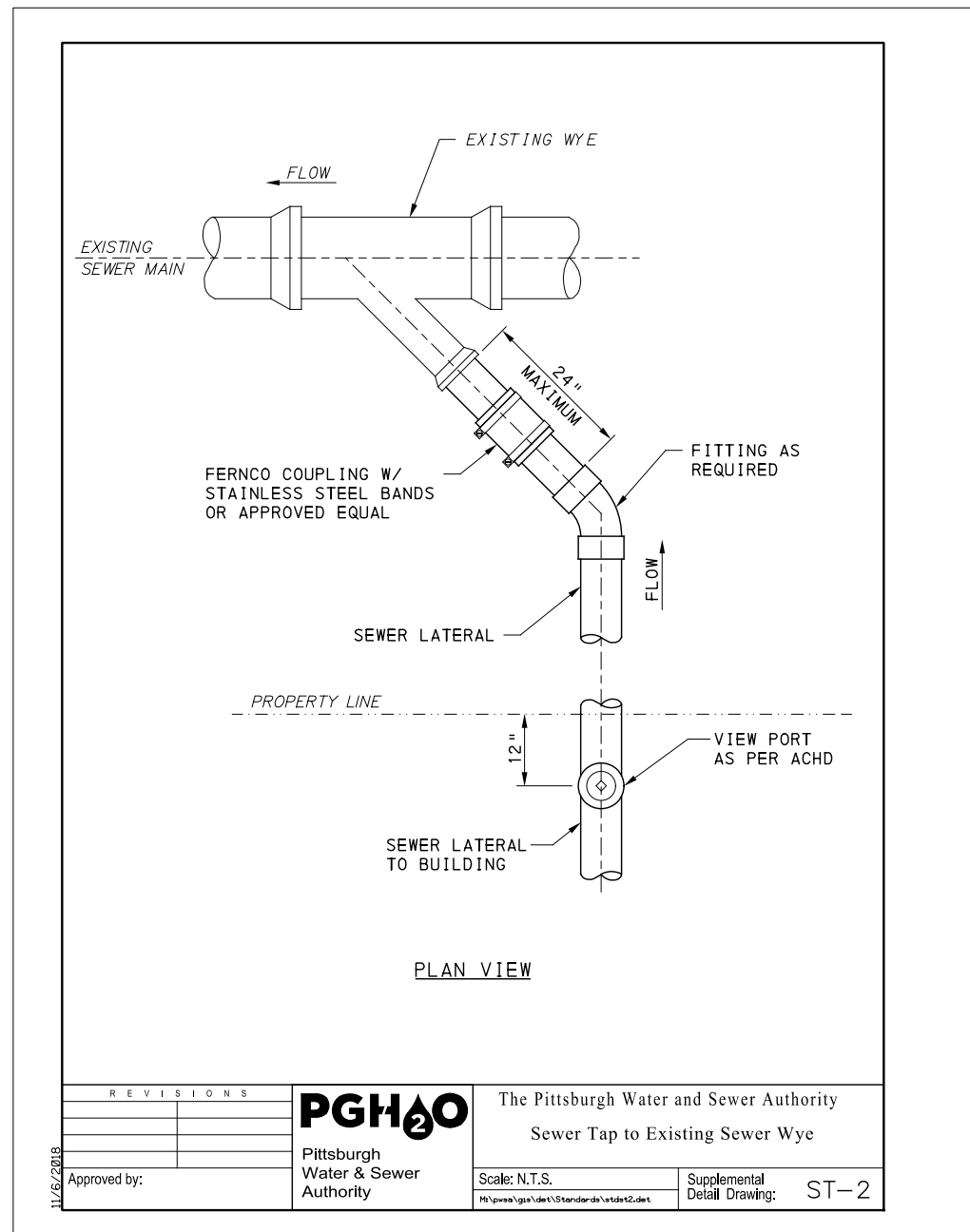
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH, PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STATION PWSA DRAINAGE TAP IN PLANS
LOCATION MAP

Port Authority connecting people to life

CONTRACT NO. BRT-001

DWG. NO. T11 SHT. 844



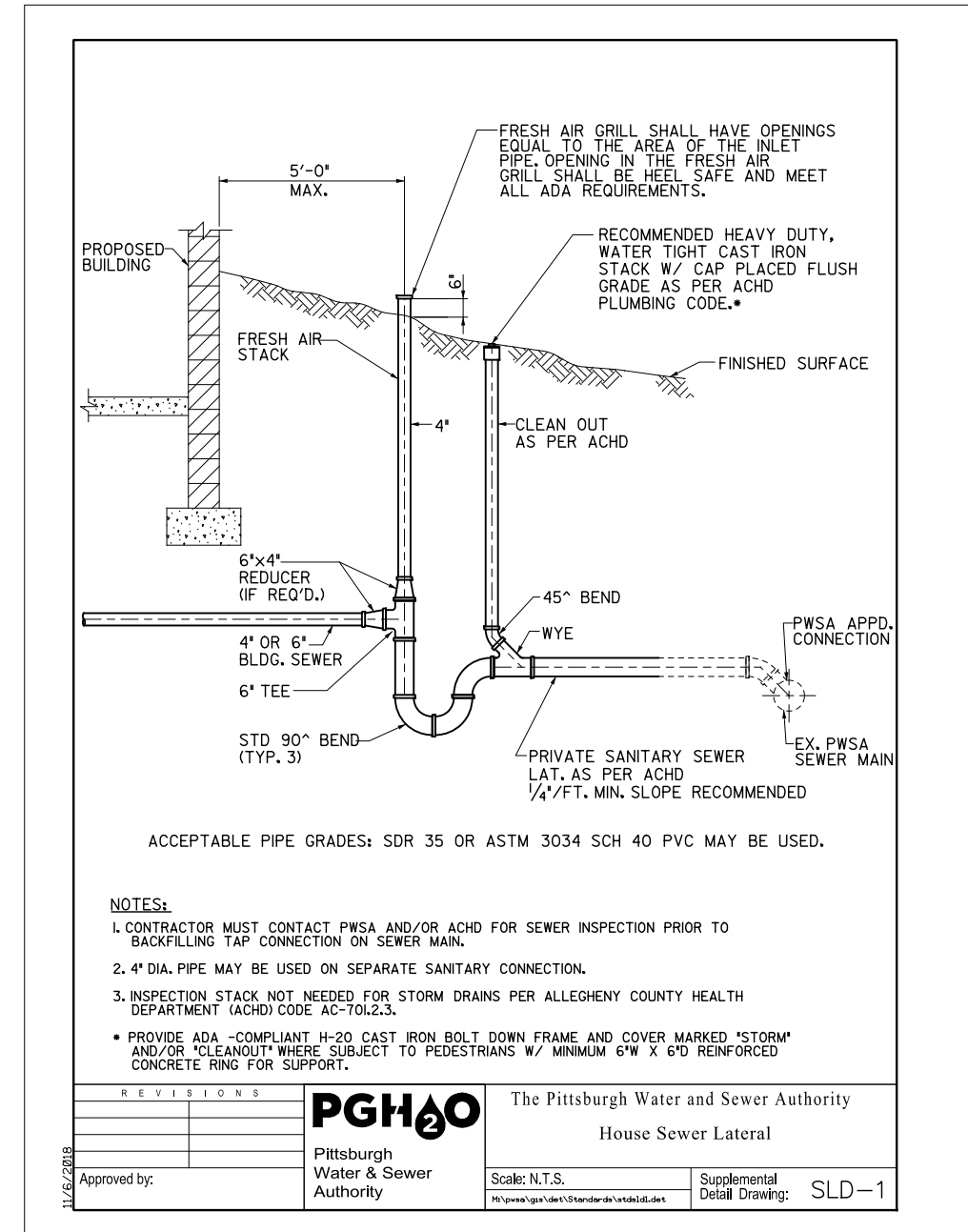
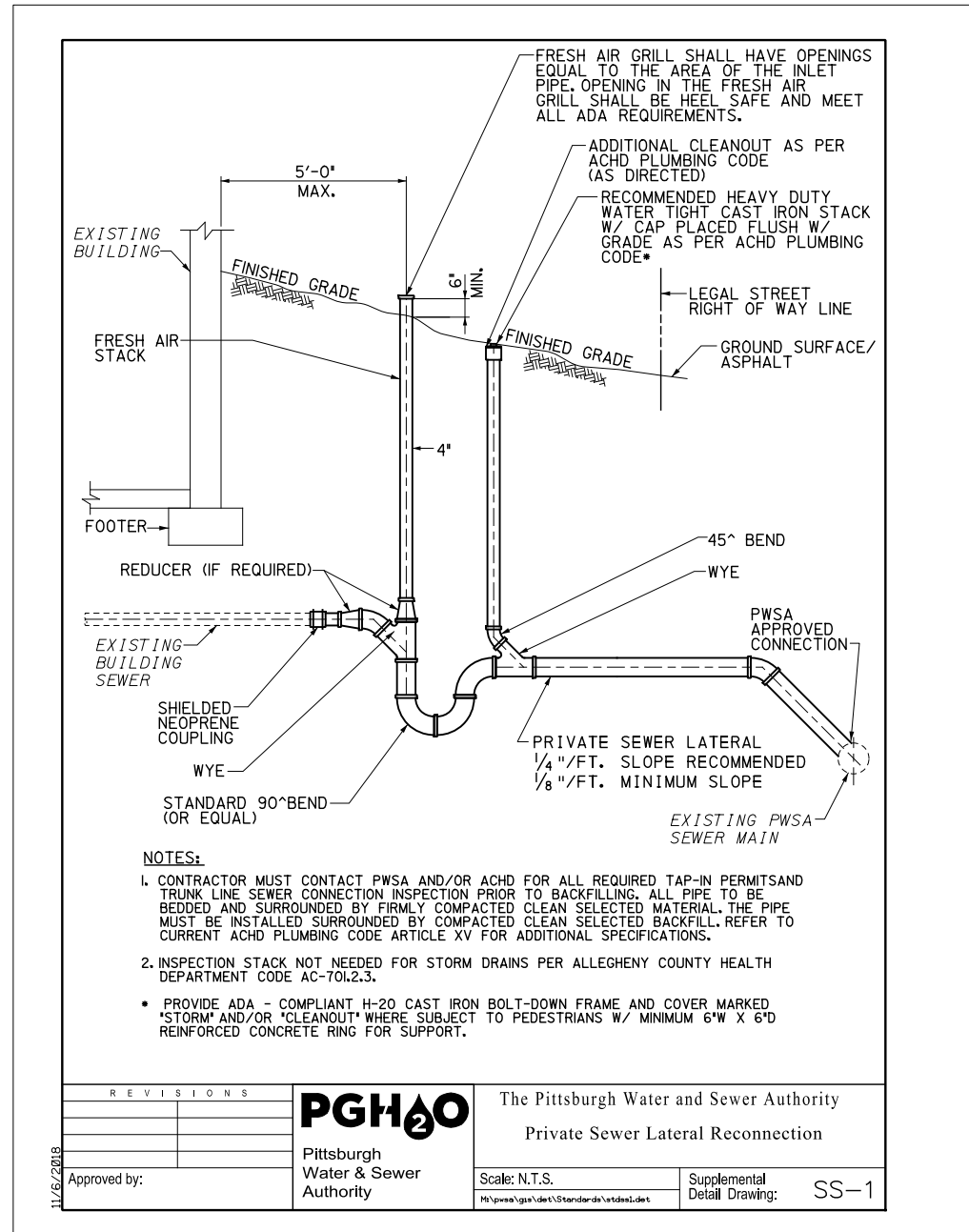
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. T12	SHT. 845



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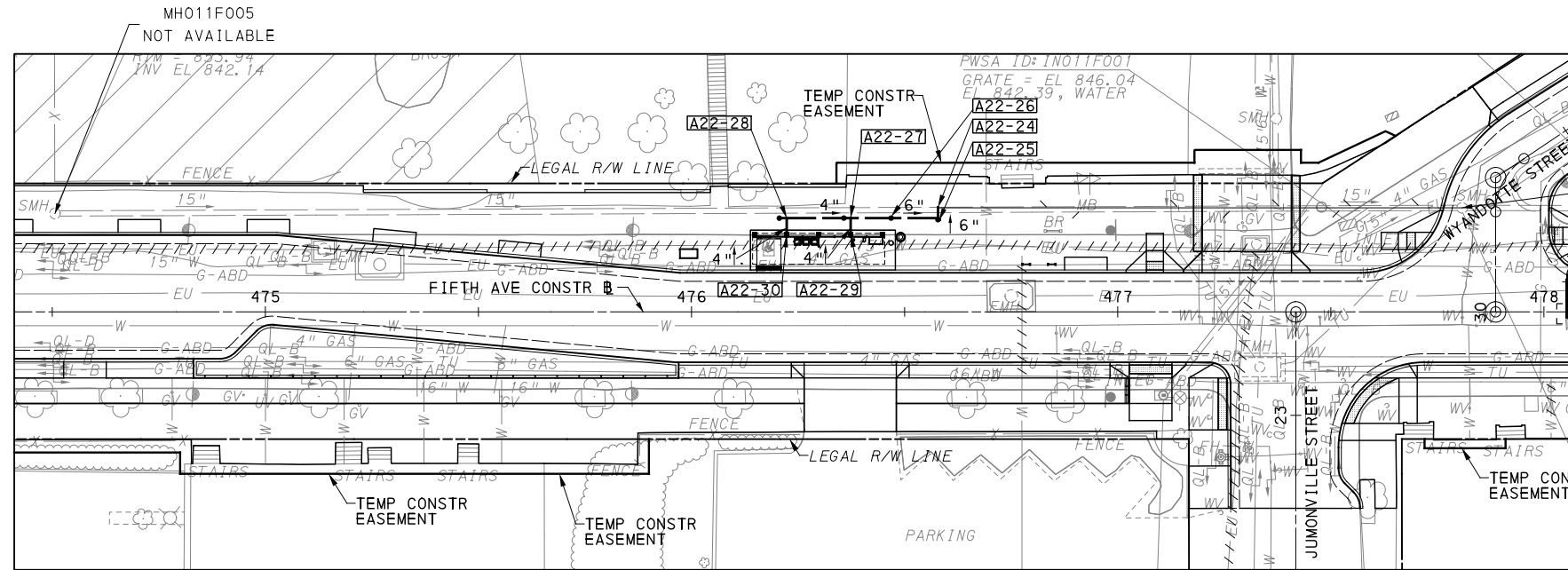
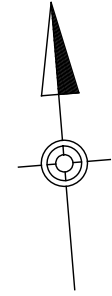
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND STATION TAP IN PLANS TAP IN DETAILS		
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DWG. NO. T13	SHT. 846	

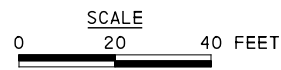
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PWSA MH011F003
CCTV STA 0+00.00

JUMONVILLE STREET STATION - INBOUND

- A22-24** FIFTH AVE STA 476+58.13 - 23.30' LT
CCTV STA 1+23.0
SEWER TAP TO EXISTING SEWER WYE AS PER
PWSA'S SEWER TAP INTO EXISTING SEWER WYE
DETAIL ST-2, AT EXISTING PWSA 15" VCP
SEWER MAIN
(6") IN FROM A22-25*
EXISTING WYE AT INVERT 838.05*
MAIN AT INVERT 837.11'
SIDEWALK ELEVATION 849.44'
123.0' UPSTREAM OF MH011F003
(FIELD VERIFY) PRIOR TO CONSTRUCTION
- A22-25** FIFTH AVE. STA 476+57.83 - 22.00' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 849.47'
INVERT ELEV 838.50' (6") IN FROM A22-26
INVERT ELEV 838.50' (6") OUT TO A22-24
- A22-26** FIFTH AVE. STA 476+46.84 - 22.00' LT
TRAP, VENT, AND CLEANOUT
TOP ELEVATION 849.71'
INVERT ELEV 841.58' (6") IN FROM A22-27
INVERT ELEV 840.88' (6") OUT FROM A22-25
- A22-27** FIFTH AVE. STA 476+37.34 - 22.00' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 849.89'
INVERT ELEV 843.84' (4") IN
FROM A22-28 AND A22-29
INVERT ELEV 843.84' (6") OUT TO A22-26
- A22-28** FIFTH AVE. STA 476+22.34 - 22.00' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 850.36'
INVERT ELEV 844.75' (4") IN FROM A22-30
INVERT ELEV 844.75' (4") OUT TO A22-27
- A22-29** FIFTH AVE. STA 476+37.34 - 18.17' LT
4" ELBOW FITTING FROM 3" DOWNSPOUT RIGHT
SLAB ELEVATION 849.91'
INVERT ELEV 844.60' (4") OUT TO A22-27
- A22-30** FIFTH AVE. STA 476+22.34 - 18.17' LT
4" ELBOW FITTING FROM 3" DOWNSPOUT LEFT
SLAB ELEVATION 850.25'
INVERT ELEV 845.35' (4") OUT TO A22-28



OPERATOR: \$USER\$
FILE PATH: \$FILEL\$

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Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

Prepared by:
MARKOSKY
3689 Route 711
Ligonier, PA 15658
THE MARKOSKY ENGINEERING GROUP, INC.

NO.	DATE	DESCRIPTION
REVISIONS		

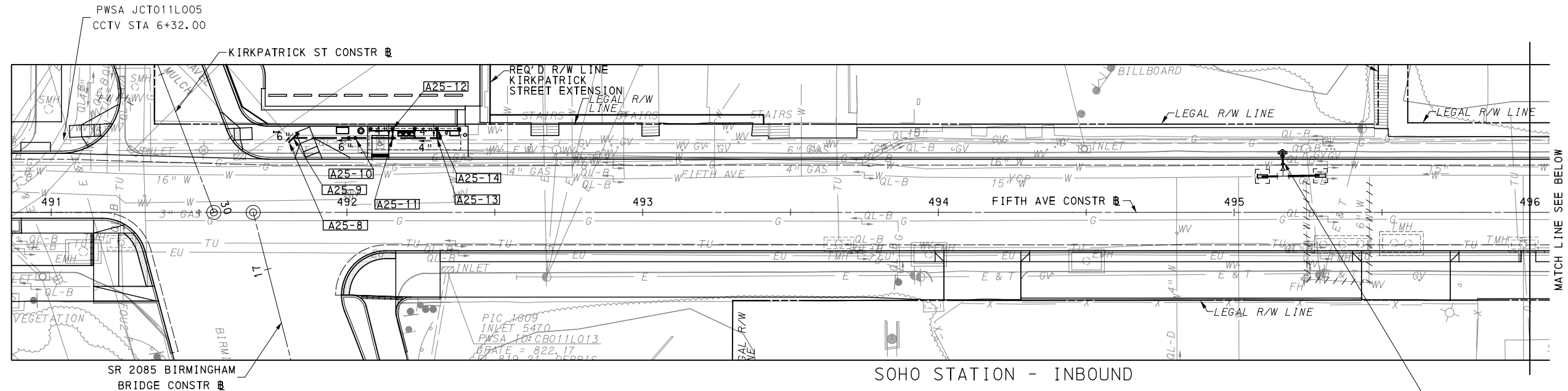
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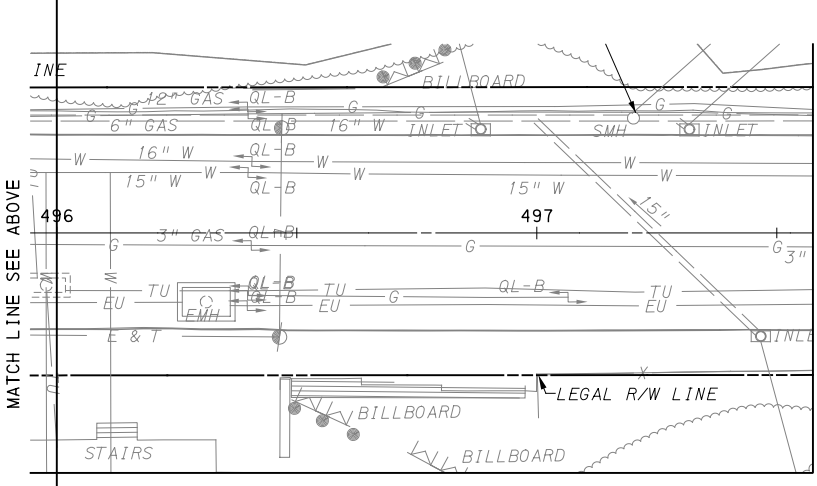
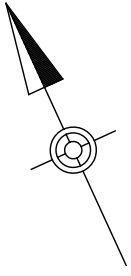
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STATION TAP IN PLANS JUMONVILLE STATION	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. T14	SHT. 847

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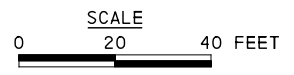


MATCH LINE SEE BELOW

- A25-8** FIFTH AVE STA 491+81.17 - 24.58' LT
CCTV STA 5+39.00
SEWER TAP TO EXISTING SEWER WYE AS PER PWSA'S SEWER TAP TO EXISTING SEWER WYE DETAIL ST-2, AT EXISTING PWSA 15" VCP SEWER MAIN (6") IN FROM A25-9*
EXISTING WYE AT INVERT 812.75' *;
MAIN AT INVERT 811.81' *
SIDEWALK ELEVATION 820.91'
539.0' DOWNSTREAM OF MHO11L001 (FIELD VERIFY) PRIOR TO CONSTRUCTION
- A25-9** FIFTH AVE. STA 491+83.25 - 26.57' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 821.03'
INVERT ELEV 813.29' (6") IN FROM A25-10
INVERT ELEV 813.29' (6") OUT TO A25-8
- A25-10** FIFTH AVE. STA 492+02.79 - 25.17' LT
TRAP, VENT, AND CLEANOUT
INVERT ELEV 816.70' (6") IN FROM A25-11
INVERT ELEV 816.00' (6") OUT TO A25-9
- A25-11** FIFTH AVE. STA 492+15.44 - 25.16' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 822.44'
INVERT ELEV 816.67' (4") IN FROM A25-12 AND A25-13
INVERT ELEV 816.67' (6") OUT TO A25-10
- A25-12** FIFTH AVE. STA 492+15.44 - 28.22' LT
4" ELBOW FITTING FROM 3" DOWNSPOUT LEFT
SLAB ELEVATION 822.50'
INVERT ELEV 816.88' (4") OUT TO A25-11
- A25-13** FIFTH AVE. STA 492+30.47 - 25.13' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 823.03'
INVERT ELEV 817.69' (4") IN FROM A25-14
INVERT ELEV 817.69' (4") OUT TO A25-11
- A25-14** FIFTH AVE. STA 492+30.47 - 28.24' LT
4" ELBOW FITTING FROM 3" DOWNSPOUT RIGHT
SLAB ELEVATION 823.09'
INVERT ELEV 818.00' (4") OUT TO A25-13



MATCH LINE SEE ABOVE



OPERATOR: \$USER\$ FILE PATH: \$FILEL\$



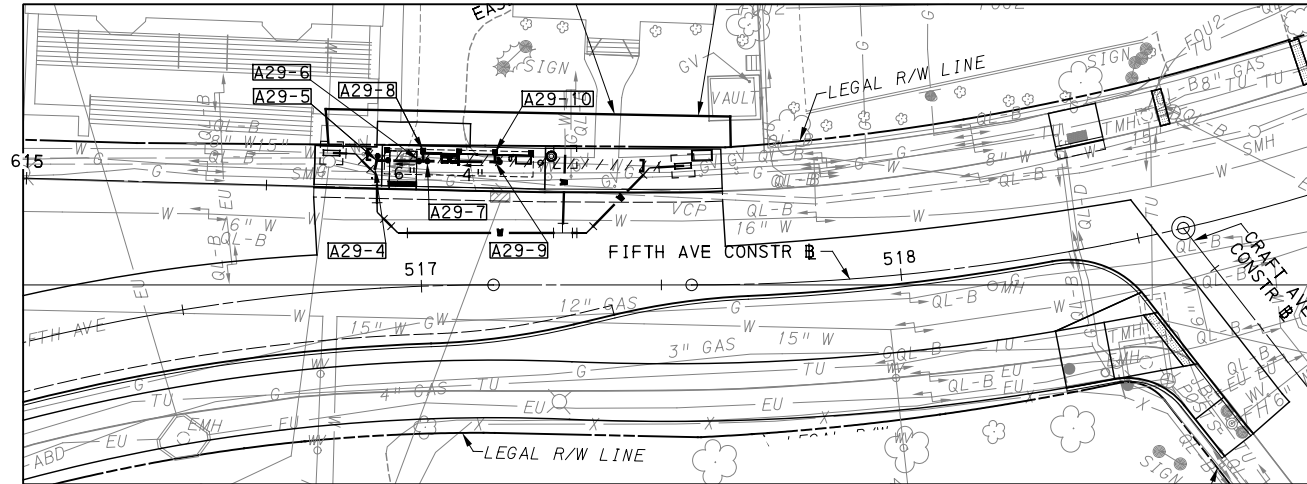
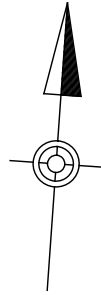
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STATION TAP IN PLANS SOHO STATION	
Port Authority connecting people to life™	CONTRACT NO. BRT-001
DWG. NO. T15	SHT. 848



WEST OAKLAND STATION - 5TH AVENUE / INBOUND

A29-4 FIFTH AVE STA 516+91.73 - 24.92' LT
 CCTV STA 0+08.30
 NEW SEWER WYE CONNECTION AS PER
 PWSA'S SEWER TAP IN TO CUT-IN WYE
 PIPE TRANSITION DETAIL ST-7 TO
 EXISTING PWSA SEWER MAIN
 (6") IN FROM A29-5*
 CONNECT TO 15" EXISTING PWSA VCP
 SEWER PIPE AT INVERT 912.00' *
 TOP ELEV 921.17'
 8.3' UPSTREAM OF MH028J002
 (FIELD VERIFY) PRIOR TO CONSTRUCTION

A29-5 FIFTH AVE STA 516+91.84 - 26.62' LT
 DRAINAGE CLEANOUT STRUCTURE
 TOP ELEV 921.20'
 INVERT 912.42' (6") IN FROM A29-6
 INVERT 912.42' (6") OUT TO A29-4

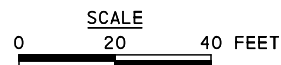
A29-6 FIFTH AVE STA 516+97.71 - 26.04' LT
 TOP ELEV 921.50'
 TRAP, VENT, AND CLEANOUT
 INVERT ELEV 913.89' (6") IN FROM A29-7
 INVERT ELEV 913.19' (6") OUT TO A29-5

A29-7 FIFTH AVE STA 517+01.22 - 26.04' LT
 DRAINAGE CLEANOUT STRUCTURE
 TOP ELEV 921.60'
 INVERT 915.00' (4") IN FROM A29-8
 INVERT 915.00' (4") IN FROM A29-9
 INVERT 915.00' (6") OUT TO A29-6

A29-8 FIFTH AVE STA 517+01.31 - 28.21' LT
 4" ELBOW PIPE FITTING
 IN FROM 3" DOWNSPOUT LEFT
 SLAB ELEV 921.62'
 GROUND ELEV 921.63'
 INVERT 915.50' (4") OUT TO A29-7

A29-9 FIFTH AVE STA 517+15.33 - 25.61' LT
 DRAINAGE CLEANOUT STRUCTURE
 TOP ELEV 922.00'
 INVERT 918.50' (4") IN FROM A29-10
 INVERT 918.50' (4") OUT TO A29-7

A29-10 FIFTH AVE STA 517+15.35 - 27.63' LT
 4" ELBOW PIPE FITTING
 IN FROM 3" DOWNSPOUT RIGHT
 SLAB ELEV 922.02'
 GROUND ELEV 922.03'
 INVERT 919.00' (4") OUT TO A29-9



Gulf Tower
 707 Grant Street
 5th Floor
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THE MARKOSKY ENGINEERING GROUP, INC.

Prepared by:

3689 Route 711
 Ligonier, PA 15658

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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 STATION TAP IN PLANS
 WEST OAKLAND STATION

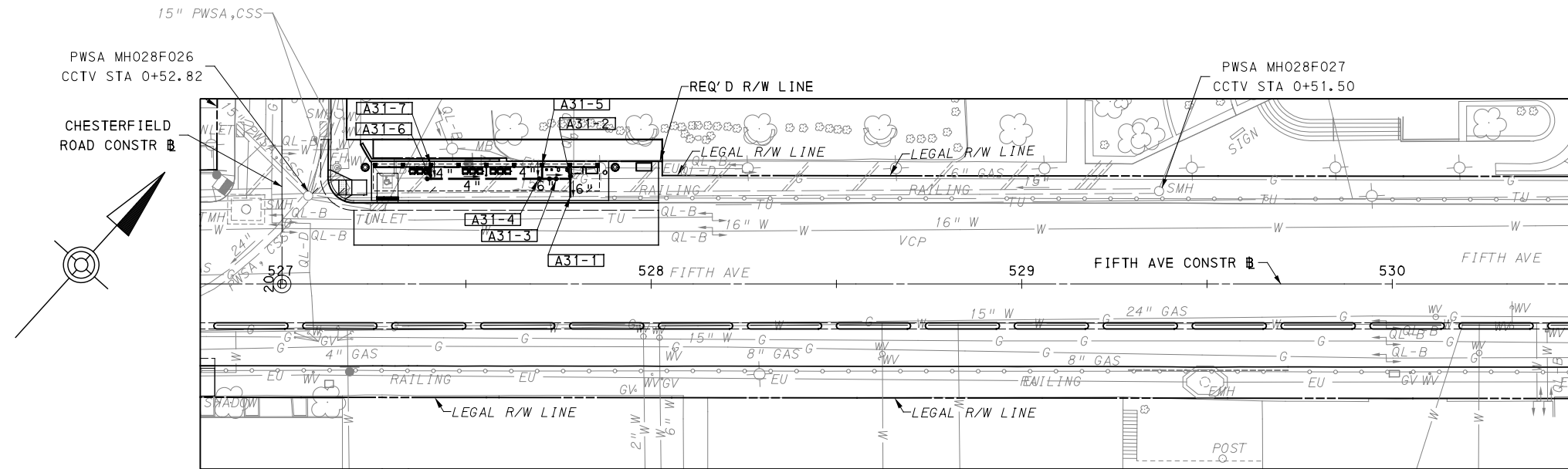


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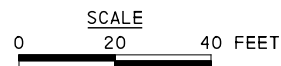
SHT. 849

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CHESTERFIELD ROAD STATION - INBOUND

- A31-1** FIFTH AVE STA 527+78.20 - 24.84' LT
CCTV STA 1+23.00 (37.5M)
SEWER TAP TO EXISTING SEWER WYE AS PER PWSA'S SEWER TAP TO EXISTING SEWER WYE DETAIL ST-2, AT EXISTING PWSA 15" VCP SEWER MAIN (6") IN FROM A31-2*
EXISTING WYE AT INVERT 923.81' *;
MAIN AT INVERT 922.87'
ROAD ELEVATION 933.28'
70.19' UPSTREAM OF MH028F026
(FIELD VERIFY) PRIOR TO CONSTRUCTION
- A31-2** FIFTH AVE. STA 527+78.20 - 28.38' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 933.33'
INVERT ELEV 924.52' (6") IN FROM A31-3
INVERT ELEV 924.52' (6") OUT TO A31-1
- A31-3** FIFTH AVE. STA 527+73.29 - 28.38' LT
TRAP, VENT, AND CLEANOUT
TOP ELEVATION 933.30'
INVERT ELEV 925.81' (6") IN FROM A31-4
INVERT ELEV 925.11' (6") OUT TO A31-2
- A31-4** FIFTH AVE. STA 527+70.56 - 28.38' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 933.27'
INVERT ELEV 925.58' (4") IN FROM A31-5 AND A31-6
INVERT ELEV 925.58' (6") OUT TO A31-3
- A31-5** FIFTH AVE. STA 527+70.56 - 32.13' LT
4" ELBOW FITTING FROM 3" DOWNSPOUT LEFT
SLAB ELEVATION 933.32'
INVERT ELEV 926.18' (4") OUT TO A31-4
- A31-6** FIFTH AVE. STA 527+40.56 - 28.38' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEVATION 933.06'
INVERT ELEV 927.98' (4") IN FROM A31-7
INVERT ELEV 927.98' (4") OUT TO A31-4
- A31-7** FIFTH AVE. STA 527+40.56 - 32.13' LT
4" ELBOW FITTING FROM 3" DOWNSPOUT RIGHT
SLAB ELEVATION 933.13'
INVERT ELEV 928.30' (4") OUT TO A31-6



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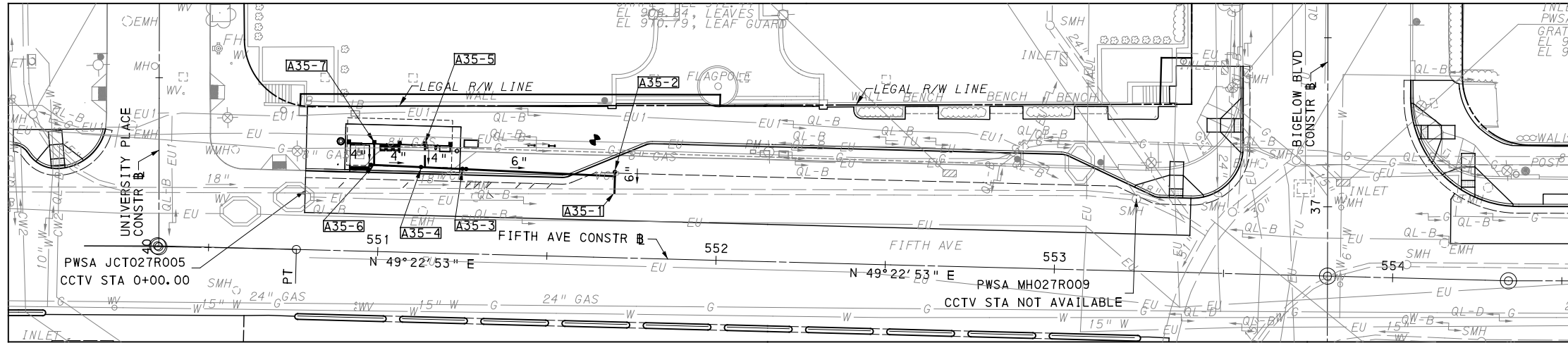
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
STATION TAP IN PLANS
CHESTERFIELD STATION

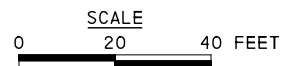
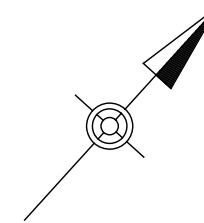
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DWG. NO. T17 SHT. 850



BIGELOW BLVD STATION - 5TH AVENUE / INBOUND

- A35-1** FIFTH AVE STA 551+69.51 - 20.54' LT
CCTV STA 0+90.80
SEWER TAP TO EXISTING SEWER WYE AS PER PWSA'S SEWER TAP TO EXISTING SEWER WYE DETAIL ST-2
(6") IN FROM A35-2
CONNECT TO 18" EXISTING PWSA VCP SEWER MAIN AT INVERT 905.05' *
EXISTING WYE AT INVERT 906.18' *
ROAD ELEV 914.63'
90.80' DOWNSTREAM OF MH JCT027R005 (FIELD VERIFY) PRIOR TO CONSTRUCTION
- A35-2** FIFTH AVE STA 551+69.45 - 25.33' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEV 914.54'
INVERT 906.98' (6") IN FROM A35-3 & A35-5
INVERT 906.98' (6") OUT TO A35-1
- A35-3** FIFTH AVE STA 551+24.94 - 25.02' LT
TRAP, VENT, AND CLEANOUT
TOP ELEVATION 915.93'
INVERT ELEV 909.99' (6") IN FROM A35-4
INVERT ELEV 909.28' (6") OUT TO A35-2
- A35-4** FIFTH AVE STA 551+12.16 - 25.28' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEV 916.14'
INVERT 910.52' (4") IN FROM A35-5 & A35-4
INVERT 910.52' (6") OUT TO A35-3
- A35-5** FIFTH AVE STA 551+13.48 - 27.63' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEV 916.26'
INVERT 910.66' (4") IN FROM A35-4 & A35-5
INVERT 910.66' (4") OUT TO A35-4
- A35-6** FIFTH AVE STA 550+98.26 - 25.57' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEV 916.39'
INVERT 911.30' (4") IN FROM A35-7
INVERT 911.30' (4") OUT TO A35-4
- A35-7** FIFTH AVE STA 550+98.13 - 32.33' LT
4" ELBOW IN FROM 3" DOWNSPOUT RIGHT
SLAB ELEV 916.56'
GROUND ELEV 915.94'
INVERT 911.65' (4") OUT TO A35-6



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Prepared by:
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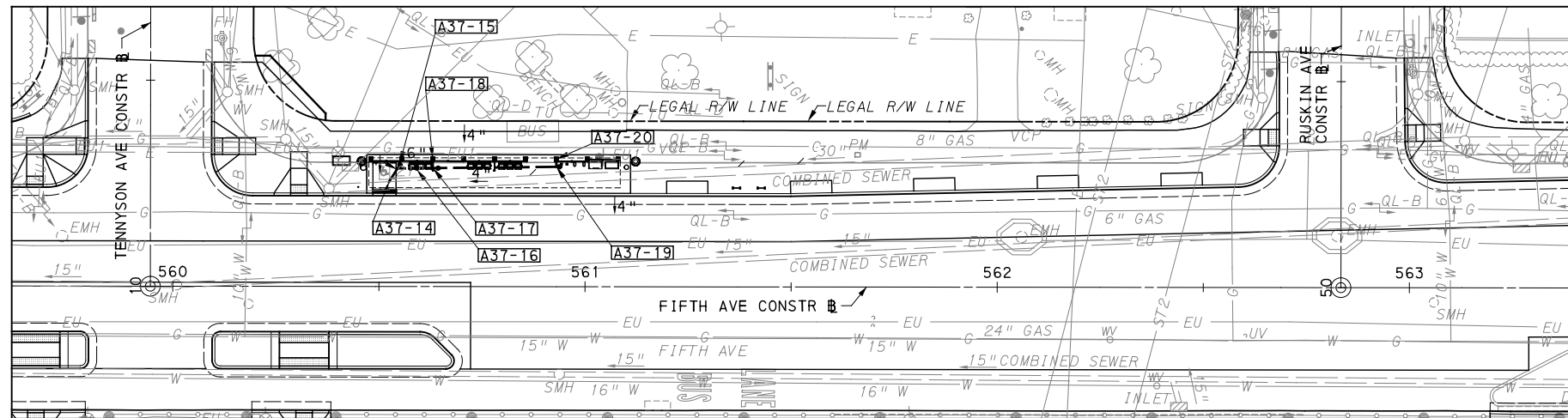
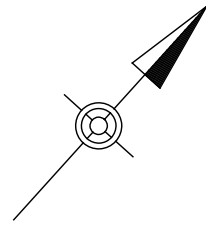
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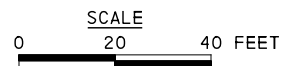
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND STATION TAP IN PLANS BIGELOW STATION	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
DWG. NO. T18	SHT. 851



TENNYSON STATION - 5TH AVENUE / INBOUND

- A37-14** FIFTH AVE STA 560+52.45 - 25.43' LT
CCTV STA 2+25.00
NEW SEWER WYE CONNECTION TO EXISTING
PWSA SEWER MAIN AS PER PWSA'S SEWER
TAP TO CUT-IN WYE PIPE TRANSITION
DETAIL ST-7
(6") IN FROM A37-15*
CONNECT TO 30" EXISTING PWSA VCP
SEWER MAIN AT INVERT 905.25' *
EXISTING WYE AT INVERT 906.58' *
SIDEWALK ELEVATION 917.47'
13.38' UPSTREAM OF MH027M023
(FIELD VERIFY) PRIOR TO CONSTRUCTION
- A37-15** FIFTH AVE STA 560+55.02 - 29.54' LT
DRAINAGE CLEANOUT STRUCTURE
TOP ELEV 917.52'
INVERT ELEV IN 907.39' (4") FROM A37-16
INVERT ELEV OUT 907.39' (6") TO A37-14
- A37-16** FIFTH AVE STA 560+58.64 - 28.72' LT
TRAP, VENT, AND CLEANOUT
TOP ELEV 917.43'
INVERT ELEV 908.29' (6") IN FROM A37-17
INVERT ELEV 907.59' (6") OUT TO A37-15
- A37-17** FIFTH AVE STA 560+63.01 - 28.74'
CLEANOUT STRUCTURE
TOP ELEV 917.47'
INVERT ELEV IN 908.69' FROM A37-18 (4") &
A37-19 (4")
INVERT ELEV OUT 908.69' TO A37-16 (6")
- A37-18** FIFTH AVE STA 560+63.01 - 31.00' LT
4" ELBOW IN FROM 3" DOWNSPOUT LEFT
SLAB ELEV 917.48'
GROUND ELEV 917.49'
INVERT ELEV 909.09' (4") TO A37-17
- A37-19** FIFTH AVE STA 560+93.01 - 29.08' LT
DRAINAGE CLEANOUT STRUCTURE TOP ELEV
917.90'
INVERT ELEV IN (4") 912.90' FROM A37-20
INVERT ELEV OUT (4") 912.90' TO A37-17
- A37-20** FIFTH AVE STA 560+93.01 - 31.00' LT
4" ELBOW IN FROM 3" DOWNSPOUT RIGHT
SLAB ELEV 917.85'
GROUND ELEV 917.86'
INVERT ELEV 913.30' (4") OUT TO A37-19



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Pittsburgh, PA 15219



THE MARKOSKY ENGINEERING GROUP, INC.

Prepared by:

3689 Route 711
Ligonier, PA 15658

NO.	DATE	DESCRIPTION

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IN CHARGE	DAC
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
STATION TAP IN PLANS
TENNYSON STATION



CONTRACT NO. BRT-001

DWG. NO. T19 SHT. 852

ALTERNATIVE FASTENING

Assembly Instruction
Upat-chemical anchor-capsules

Drilling
diamond drilling is not permitted
water in the hole is not permitted !
Drill hole.
Clean out drilled hole.
Blow out from bottom to top of hole.
Brush drill hole
Blow out from bottom to top of hole.

Borehole filling
storage temperature : +5°C bis +25°C
Consider best-before date
Minimum component temperature is -5°C
At component temperatures of about 30°C
before filling cool down adhesive mortar to +15°C /+20°C
(waterbox ,cool box)

Mark the Filling level 1m and seating depth 1e, ges
Make filling level according to approval certificate
Rule of thumb: 1m = 1/3 lv bzw. 1m = 1/3 1e, ges

Discard with each new charge the mixed flow

From the base of the borehole fill until the filling level 1m of the drill hole is visible.
About the piston plug the device from Hole bottom pushed outward.

Maximum processing time
Maximum time from the beginning of the mixing process to the final setting of the bar (see table A).

Set Fixing rod
introduce Rod with rotating movement into filled hole to seating depth marker .

setting control
-Mortar outlet of the drill hole
-Anchorage length lv:
Setting depth mark the drill hole bottom

Cure time (see table B)
Mounting rod before expiration of the curing
Do not move and do not strain.
The appropriate mounting torque must
Apply after the cure.

Assembly Instruction
Upat-chemical anchor-capsules

Drill hole.
Clean out drilled hole.
Blow out from bottom to top of hole.
Checking of Chemical Anchor Capsules:
Usability is given provided the glass capsule has not been damaged and the contents still flow honey-like.

Insert Chemical Anchor Capsules
into the cleaned-out drill hole.

Connect the studding with the percussion drill.
Using the percussion / rotary action of the drill (at a full load maximum speed of 250-500r.p.m.) carefully drive the studding into the drill hole using some pressure until the marked line of the stud is reached.
Then immediately stop drilling. This procedure to be made by machine mixes the capsule contents intensively and provides a full and porefree mortar.

Note:
Excessive force or time spent drilling in the stud will result in the hole emptying of mortar and lead to inadequate bonding. Attempting to set the stud in the mortar without a percussion, for example with a hammer, will result in poor forcing and curing of the mortar, again resulting in inadequate bonding. For 8mm size anchors only a small DIY type rotary / percussion drill must be used for mixing.
When tightening the nut it is advised that you refer to the maximal tightening torque.

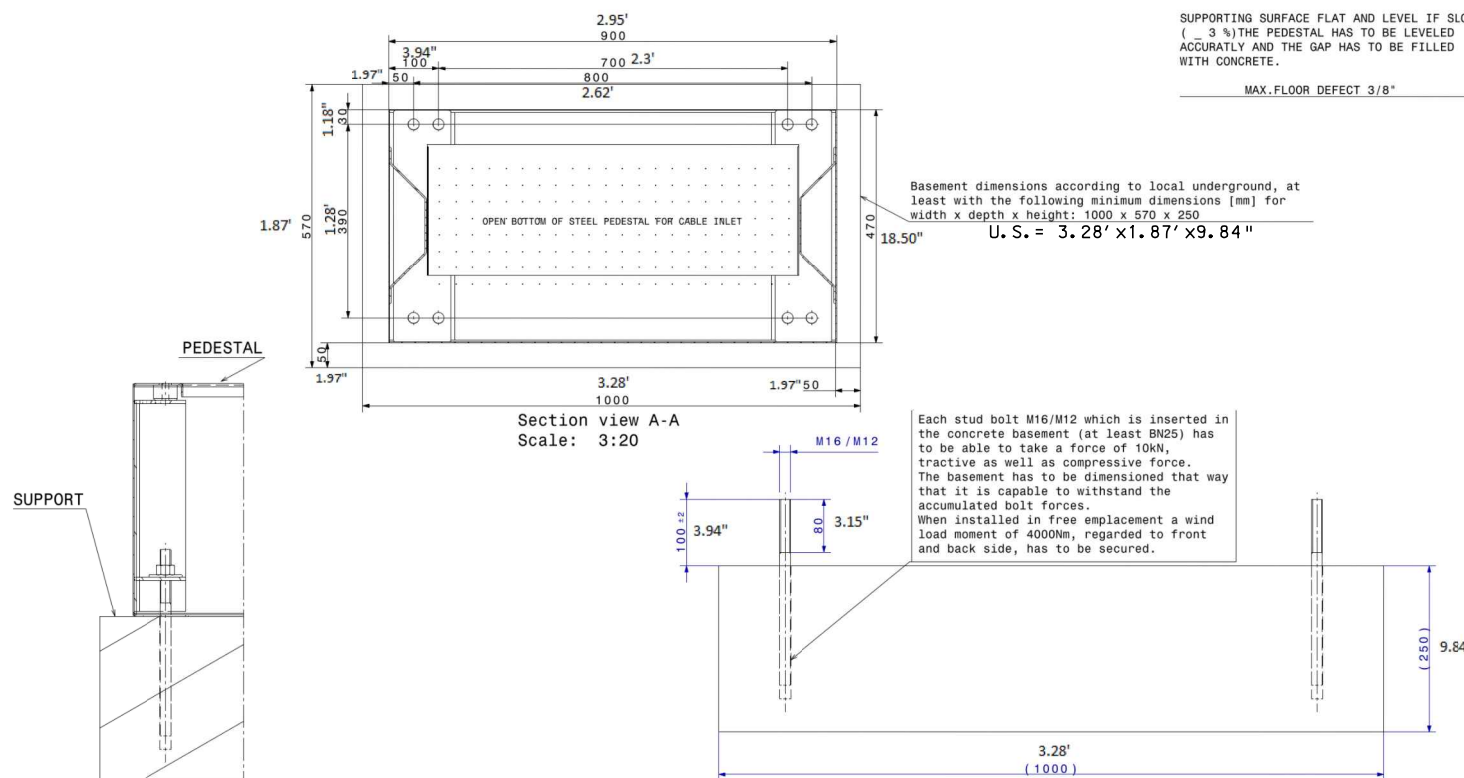
Curing time of the synthetic resin mortar
must be observed before applying load to the anchor mountings are also possible at lower temperatures!

After having observed the stated curing times, the nut can be tightened immediately (using a socket wrench).

Curing times

Temp. °C in drillhole	waiting time min.	hours
over 20	20	-
10-20	30	-
0-10	-	1
-5- 0	-	5

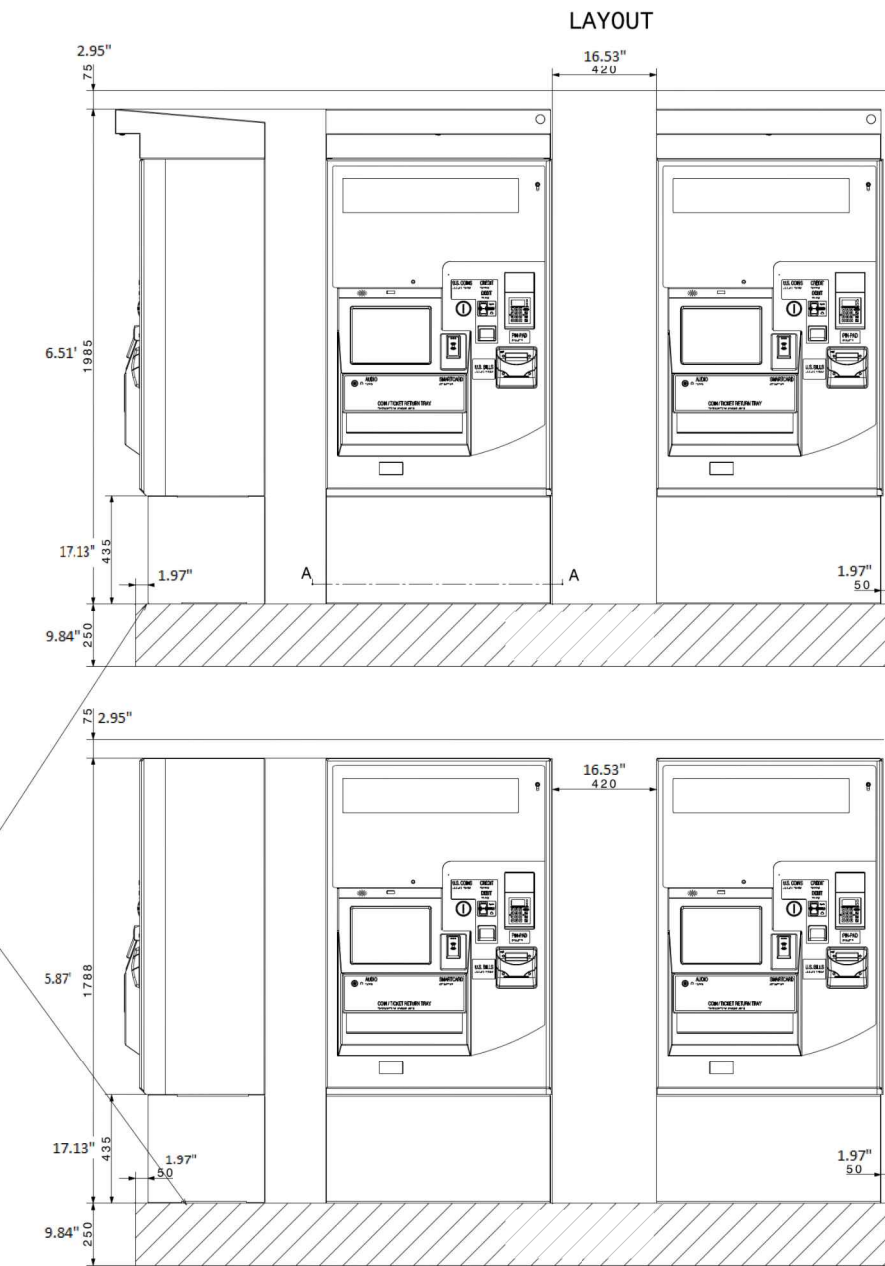
The setting times shown are for dry base material.
In case of wet base material the setting times haven to be doubled.



SUPPORTING SURFACE FLAT AND LEVEL IF SLOPED (- 3 %) THE PEDESTAL HAS TO BE LEVELLED ACCURATELY AND THE GAP HAS TO BE FILLED WITH CONCRETE.

MAX. FLOOR DEFECT 3/8"

Each stud bolt M16/M12 which is inserted in the concrete basement (at least BN25) has to be able to take a force of 10kN, tractive as well as compressive force. The basement has to be dimensioned that way that it is capable to withstand the accumulated bolt forces. When installed in free emplacement a wind load moment of 4000Nm, regarded to front and back side, has to be secured.



DRAWING IS NOT TO SCALE

- NOTES:**
- BASE DIMENSIONS ARE IN mm' s, THE U. S. REVISED DIMENSIONS ARE SHOWN IN FEET OR INCHES
 - TVM MACHINE DETAILS SHOWN MAY NOT REFLECT THE ACTUAL MACHINES PROVIDED FOR INSTALLATION, COORDINATE WITH PRT REPRESENTATIVES.

TICKET VENDING MACHINE-1
FOR INFORMATION ONLY



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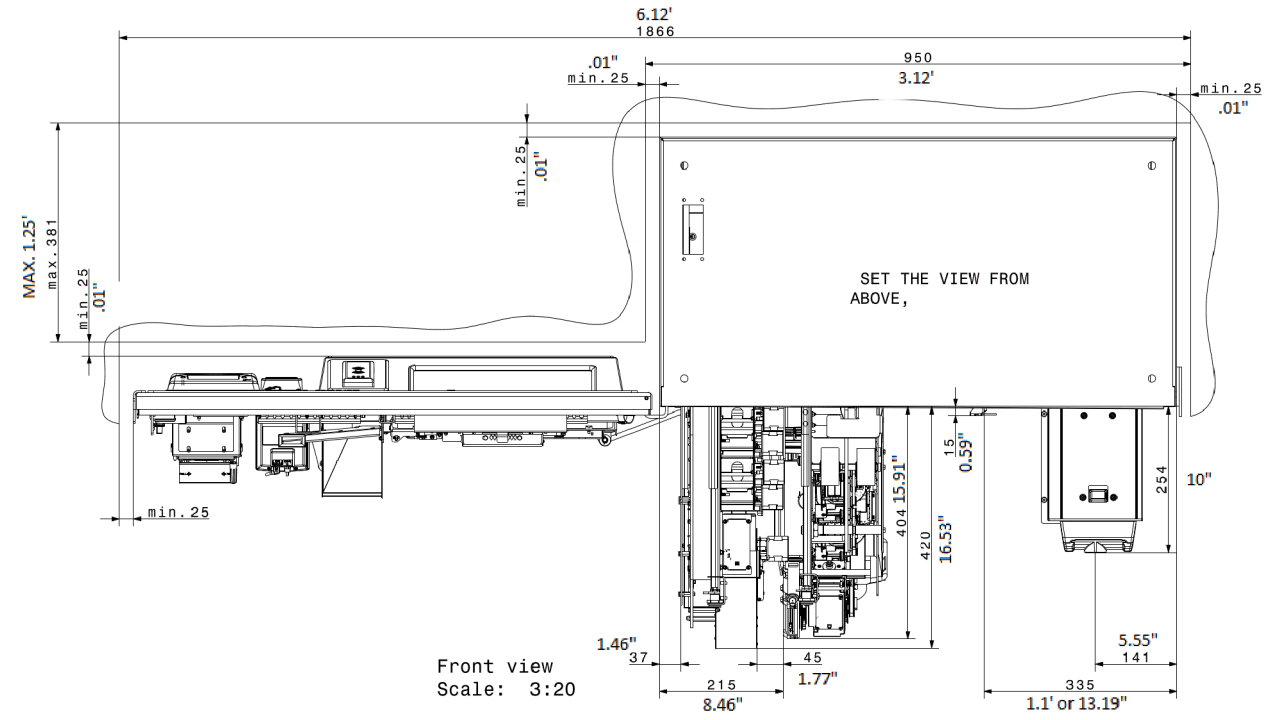
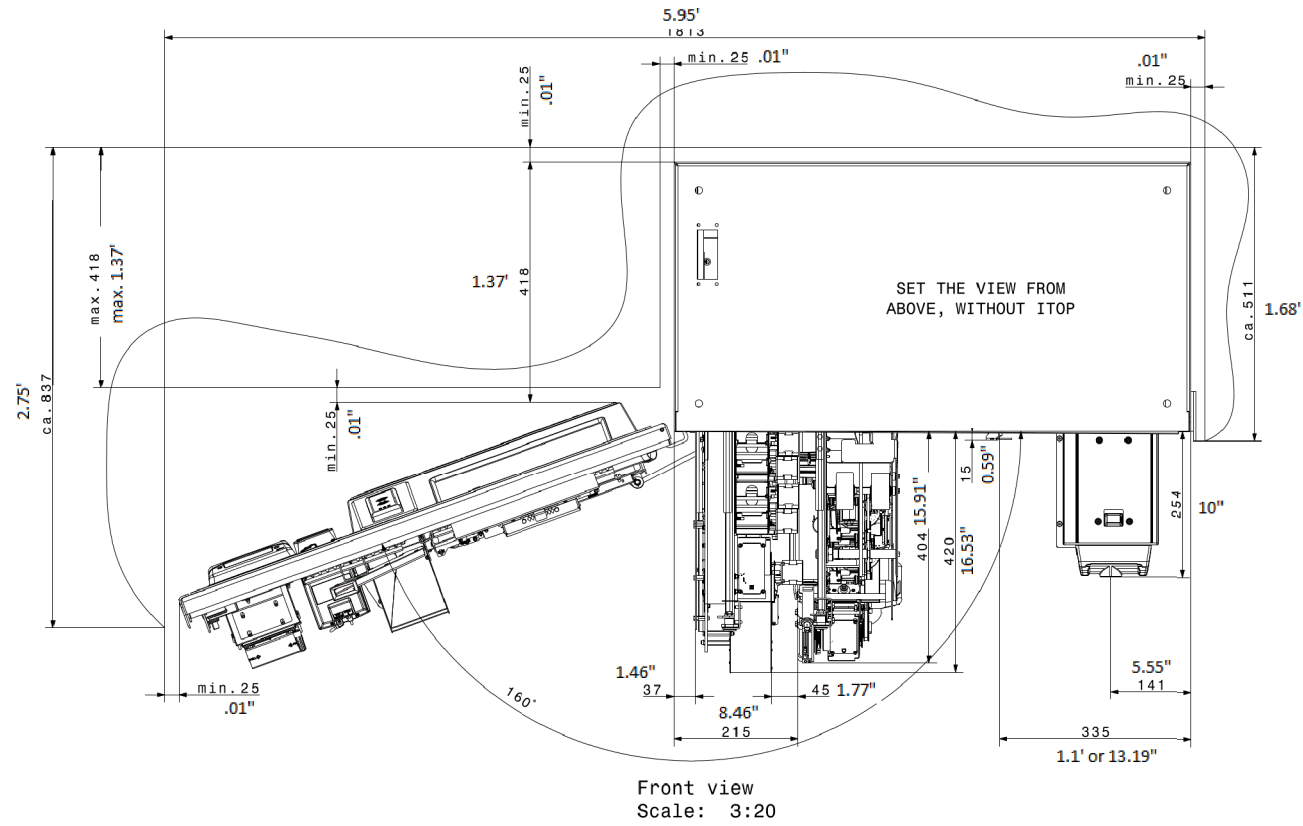
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BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS TICKET VENDING MACHINE DETAILS SHEET 01	
Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. CS7	SHT. 859



DRAWING IS NOT TO SCALE

- NOTES:**
1. BASE DIMENSIONS ARE IN mm's, THE U.S. REVISED DIMENSIONS ARE SHOWN IN FEET OR INCHES
 2. TVM MACHINE DETAILS SHOWN MAY NOT REFLECT THE ACTUAL MACHINES PROVIDED FOR INSTALLATION, COORDINATE WITH PRT REPRESENTATIVES.

**TICKET VENDING MACHINE-2
 FOR INFORMATION ONLY**



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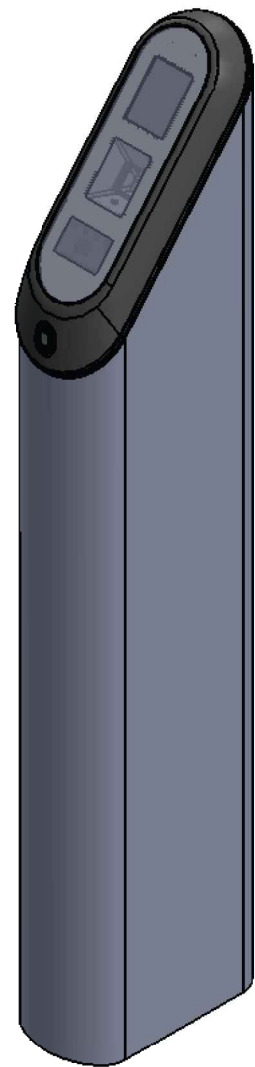
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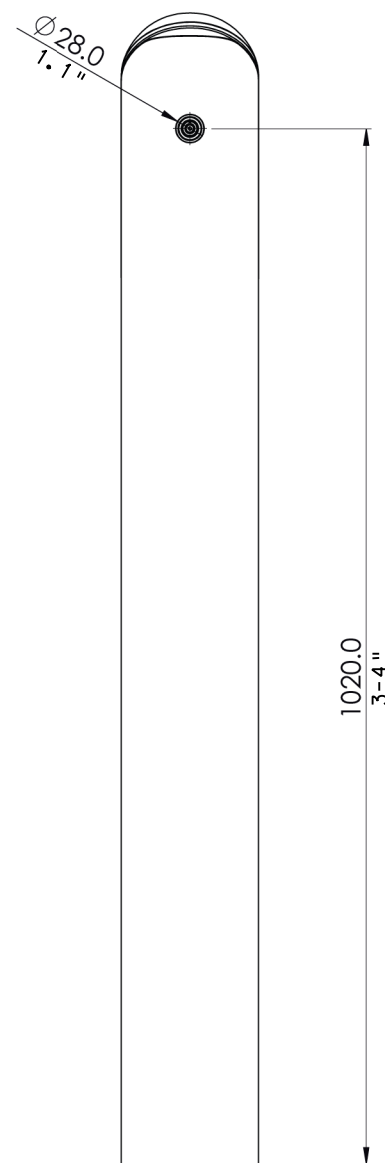
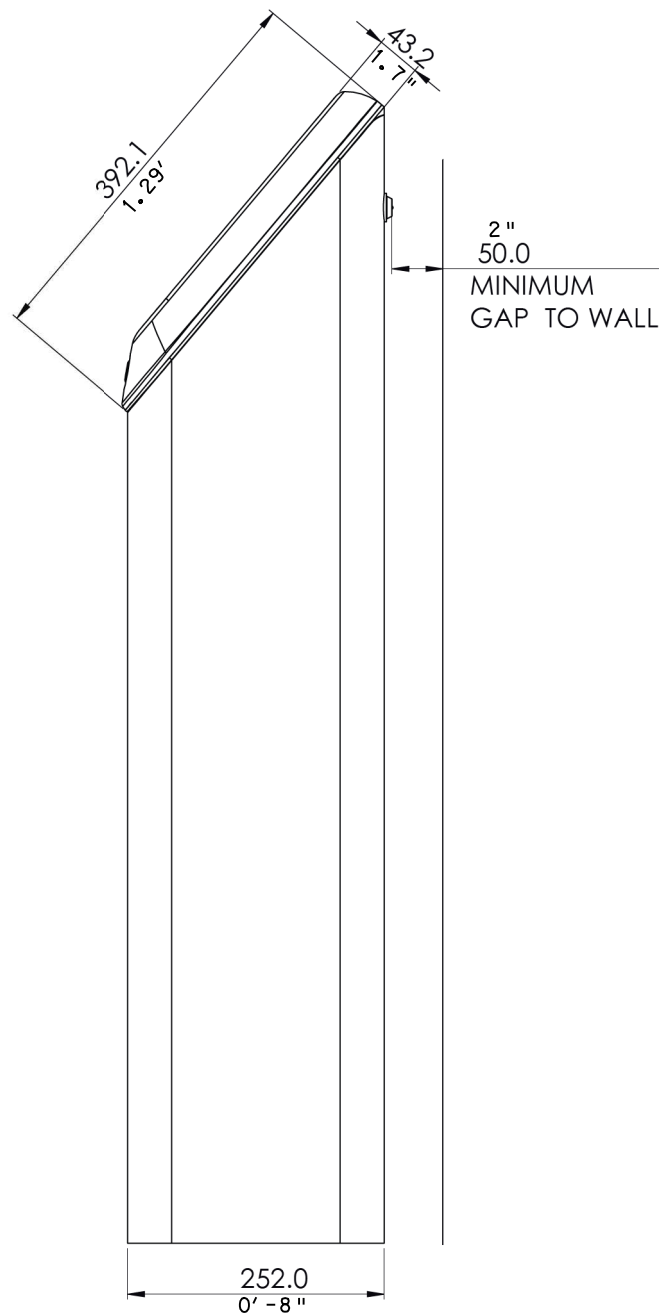
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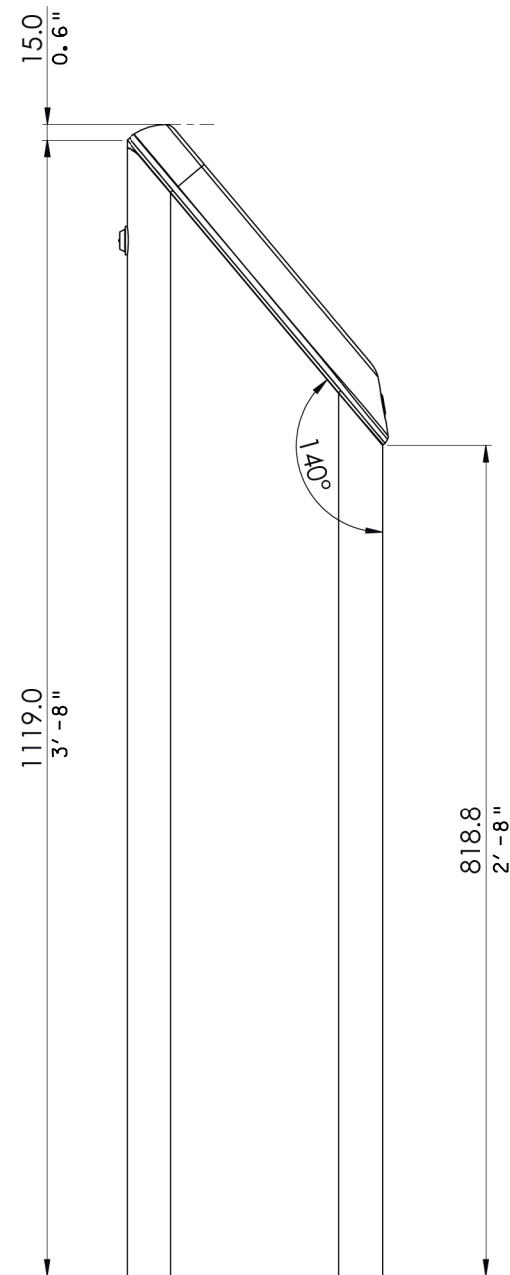
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BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS TICKET VENDING MACHINE DETAILS SHEET 02	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS8 SHT. 860



ISOMETRIC VIEW



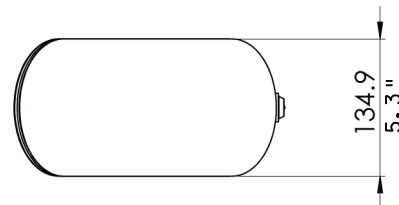
MASABI - JRPV
OUTER CASE GEN ASSEMBLY



THE PITTSBURGH BRT WILL HAVE TVM MACHINES AT STATIONS. EACH TVM MACHINE SHALL BE CONNECTED TO THE PAAC NETWORK FOR FUNCTIONALITY AND FINANCIAL TRANSACTIONS. VALIDATORS ARE USED ON THE BRT SYSTEM; THEY WILL REQUIRE A NETWORK CONNECTION. ONCE NETWORK CONNECTIVITY IS ESTABLISHED, THE TVMS WILL BE INTEGRATED INTO THE EXISTING CONNECTIX/CONNECT CARD SYSTEM.

THE FOLLOWING ARE CONSIDERATIONS FOR THE DESIGN PROCESS:

- * EACH TVM WILL REQUIRE A NETWORK CONNECTION. VALIDATORS WILL ALSO REQUIRE A NETWORK CONNECTION.
- * INTEGRATION WITH THE CONNECTIX/CONNECT CARD SYSTEM.
- * PHYSICAL PLACEMENT, MOUNTING AND SUPPORT OF TVM UNITS.
- * ELECTRICAL POWER.
- * CONDUITS FOR ELECTRICAL POWER AND COMMUNICATIONS.



NOTES:

1. TICKET VALIDATORS TO BE PROVIDED BY OWNER.
2. SEE CONDUIT PLANS FOR VALIDATOR WIRING AT EACH STATION.
3. SEE CS16 FOR CAPPED STUB UP CONDUIT DETAIL.
4. ALL VALIDATORS TO BE PEDESTAL MOUNTED.

TICKET VALIDATOR
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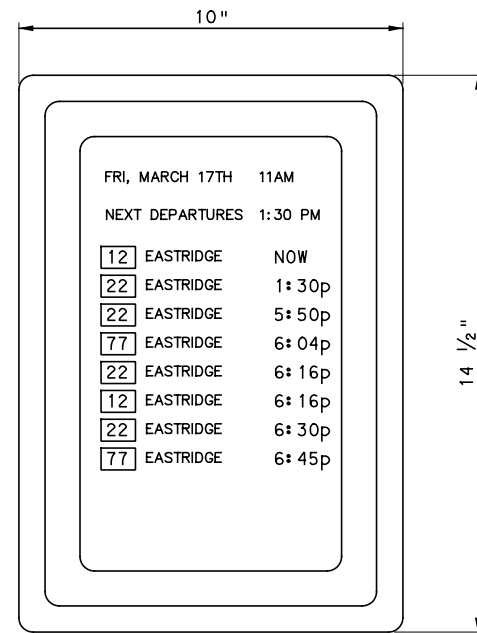
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
TICKET VALIDATOR DETAILS

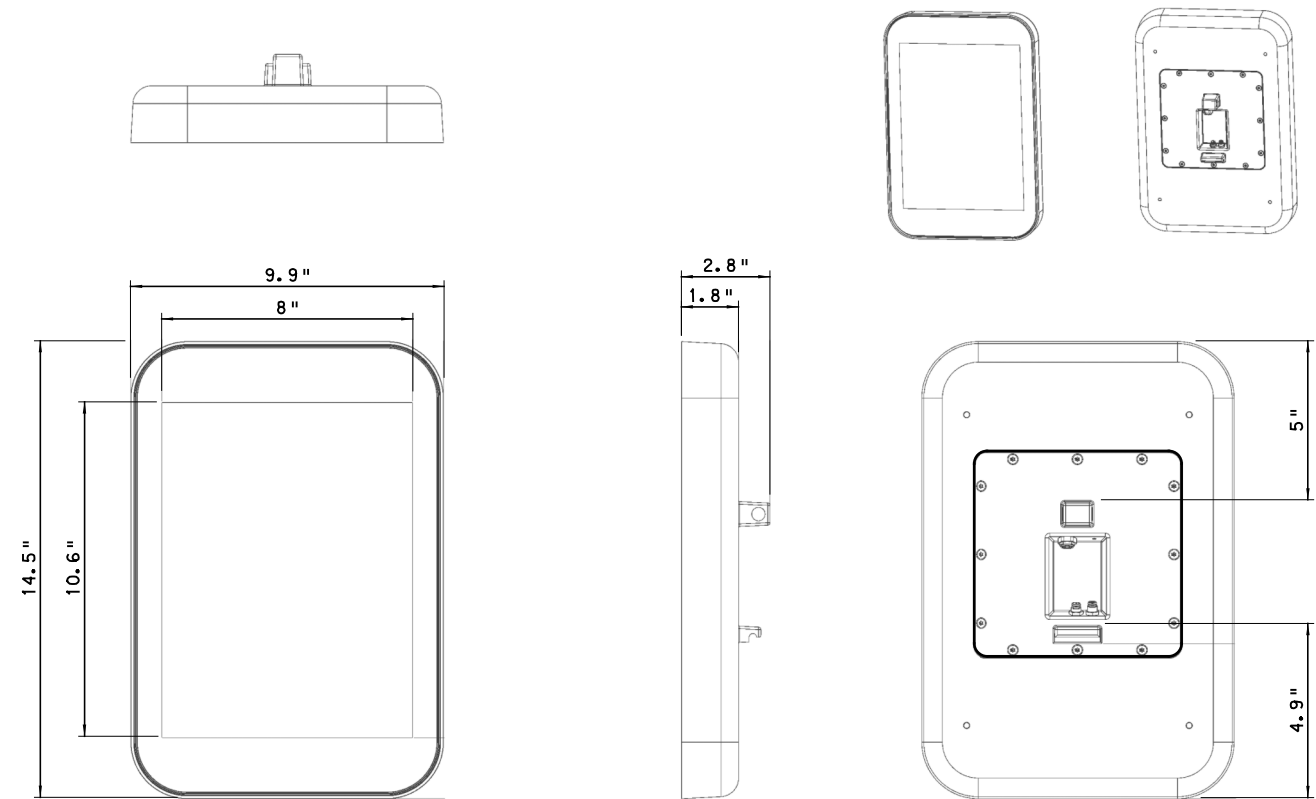


CONTRACT NO. BRT-001

DWG. NO. CS9 SHT. 861



13" POLE MOUNTED DIGITAL SIGN
 WOOD ST STATION
 WILLIAM PENN PL STATION
 ROSS ST STATION



13" HOUSING DETAIL

NOTES:

- SIGN INSTALLATION TO INCLUDE TEXT TO SPEECH BUTTON. USE MANUFACTURER SUGGESTED 3-POSITION SENSOR/ACTUATOR AND M8MS CABLE FOR POWER CONNECTION FROM SIGN TO BUTTON.
- MOUNT TEXT TO SPEECH BUTTON TO SIGN CASE. REFER TO SHEETS AR-330 AND AR-331 FOR MOUNTING LOCATIONS.



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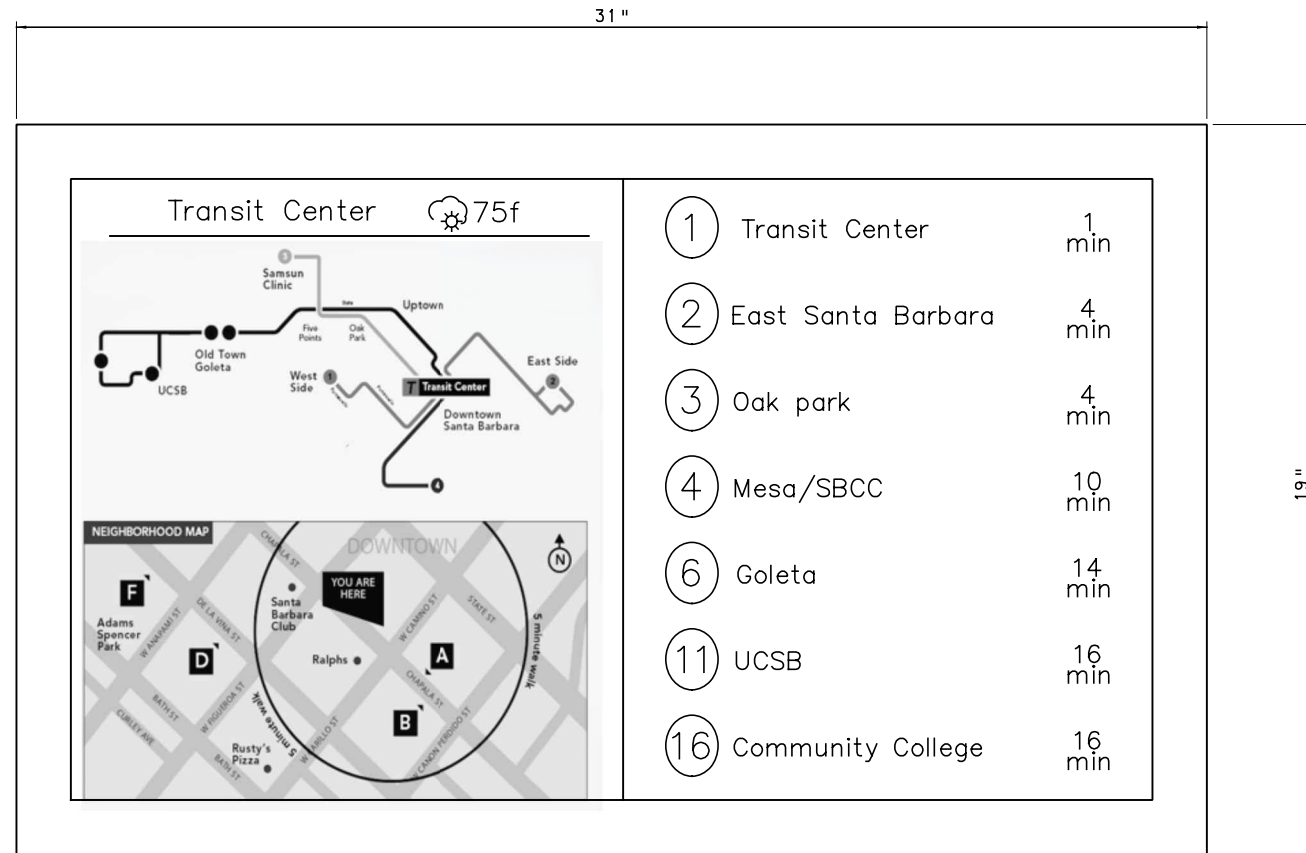
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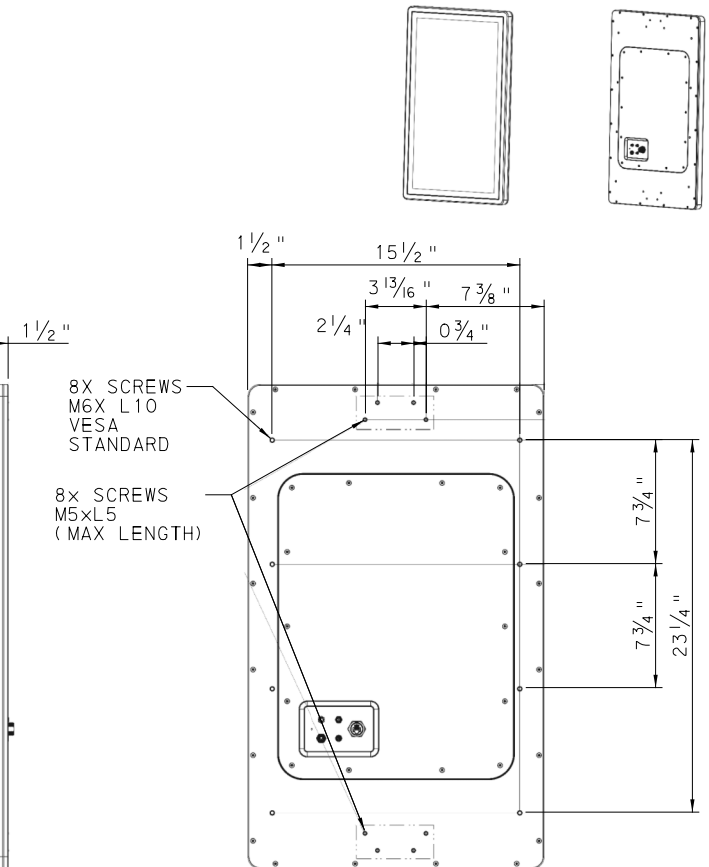
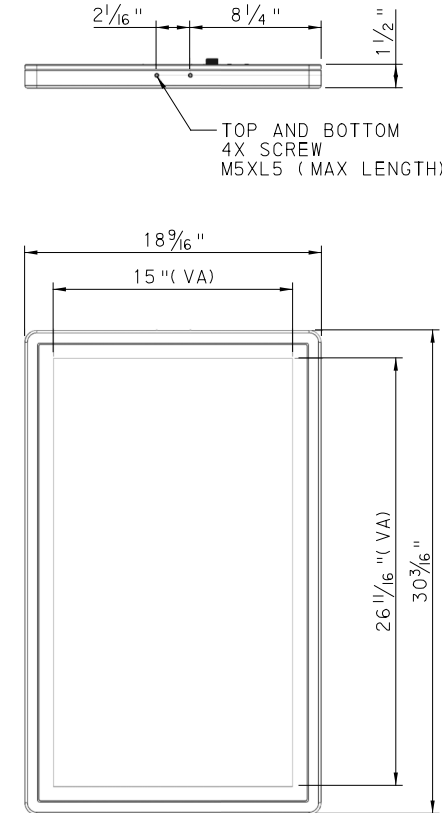
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BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SYSTEM REAL TIME SIGN DETAILS SHEET 01	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS10 SHT. 862



32" DIGITAL SIGN DISPLAY



32" HOUSING DETAIL

NOTES:

- SIGN INSTALLATION TO INCLUDE TEXT TO SPEECH BUTTON. USE MANUFACTURER SUGGESTED 3-POSITION SENSOR/ACTUATOR AND M8MS CABLE FOR POWER CONNECTION FROM SIGN TO BUTTON.
- MOUNT TEXT TO SPEECH BUTTON TO SIGN CASE. REFER TO SHEETS AR-330 AND AR-331 FOR MOUNTING LOCATIONS.



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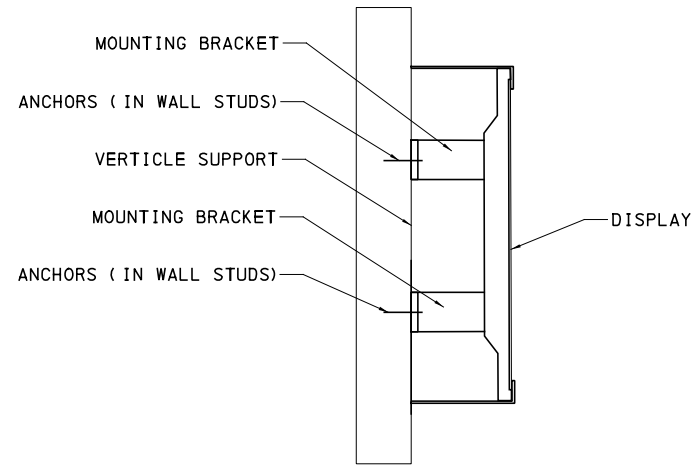
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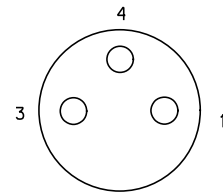
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BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SYSTEM REAL TIME SIGN DETAILS SHEET 02	
Port Authority connecting people to life™	CONTRACT NO. BRT-001
DWG. NO. CS11	SHT. 863



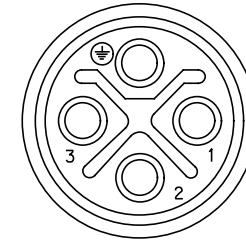
SIGN MOUNTING DETAIL

PIN 1: "VCC12" BROWN
 PIN 3: "GROUND" BLUE
 PIN 4: "GROUND" BLACK



SANDPIPER CABLE DETAIL
RTS POWER CABLES

PIN 1: "VCC12"
 PIN 2: "GROUND"



WMI CABLE DETAIL

NOTE:

1. CABLE DETAILS DESCRIBE POWER CABLES FOR REAL TIME INFORMATION SIGNS. SANDPIPER CABLE IS A 12 VOLT POWER CABLE FOR THE 13" SIGN AND WMI CABLE IS A 12 VOLT POWER CABLE FOR 32" SIGN. SEE CONDUIT PLANS FOR SCHEDULES. (SEE DRAWINGS CS19-CS21).



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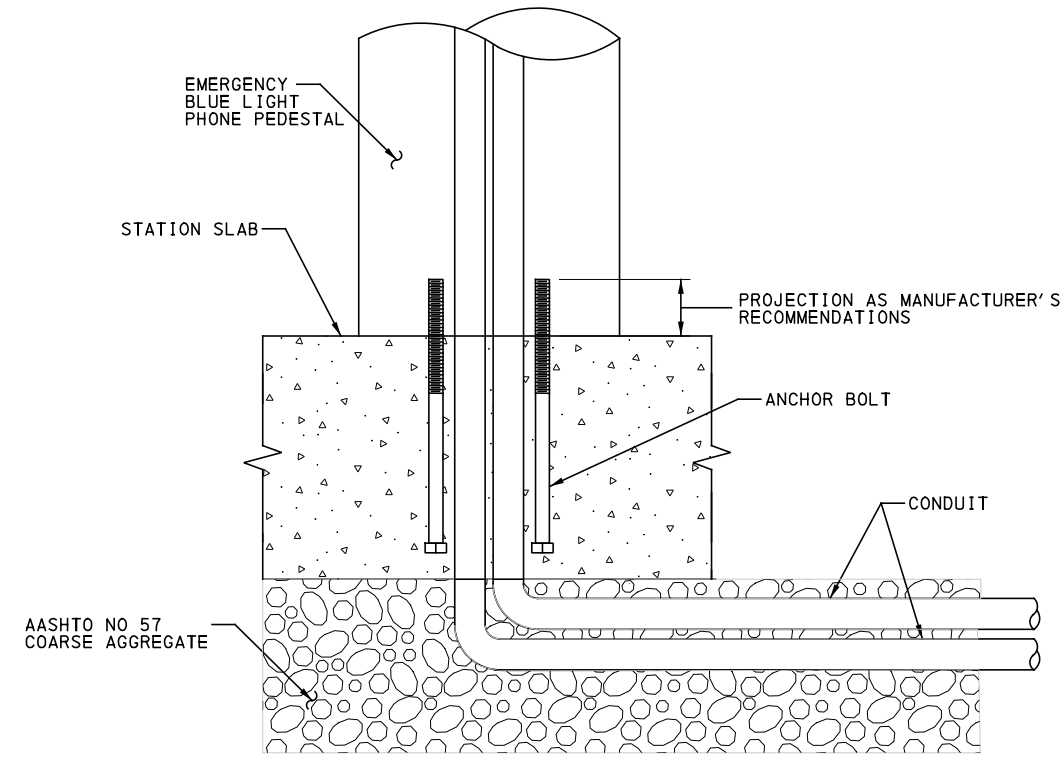
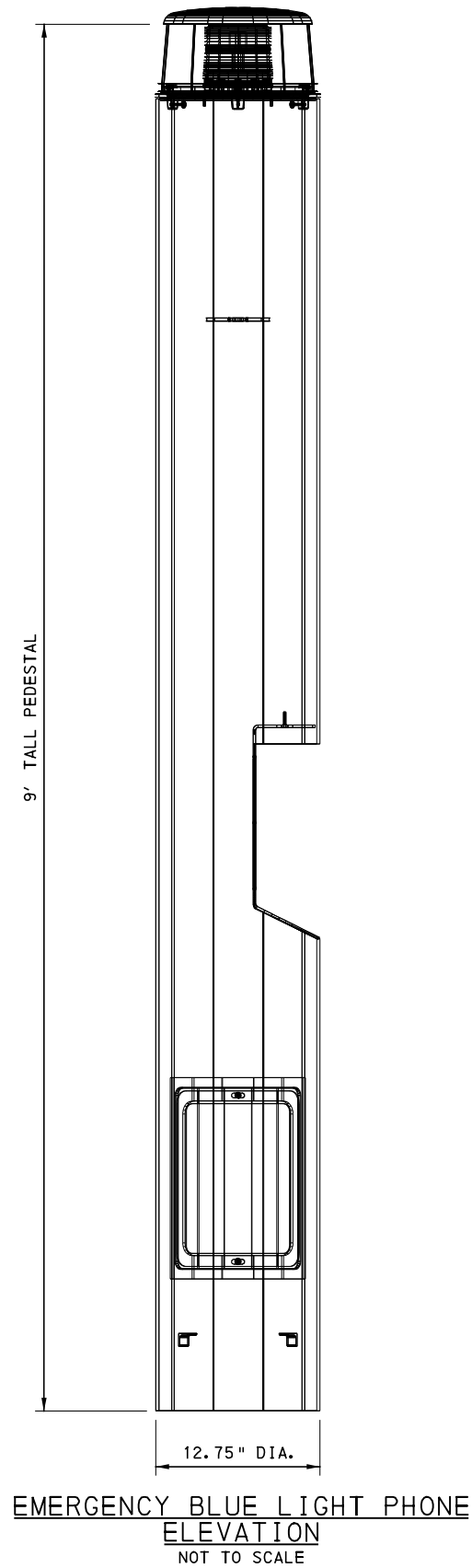
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 SYSTEM REAL TIME SIGN DETAILS SHEET 03



CONTRACT NO. BRT-001
 DWG. NO. CS12 SHT. 864



- NOTES:**
1. PEDESTAL FOUNDATION IS INTEGRAL TO CONCRETE SLAB CONSTRUCTION.
 2. REFER TO STRUCTURE DRAWING ST3 FOR TYPICAL SLAB SECTION DETAILS.
 3. COORDINATE ANCHOR BOLT SIZE AND EMBEDMENT DEPTH WITH MANUFACTURER.

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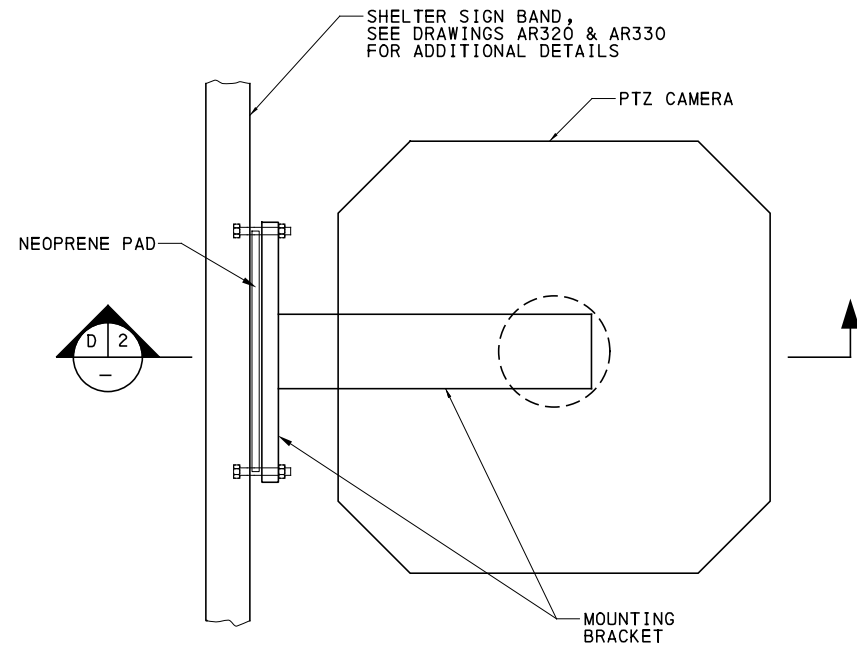
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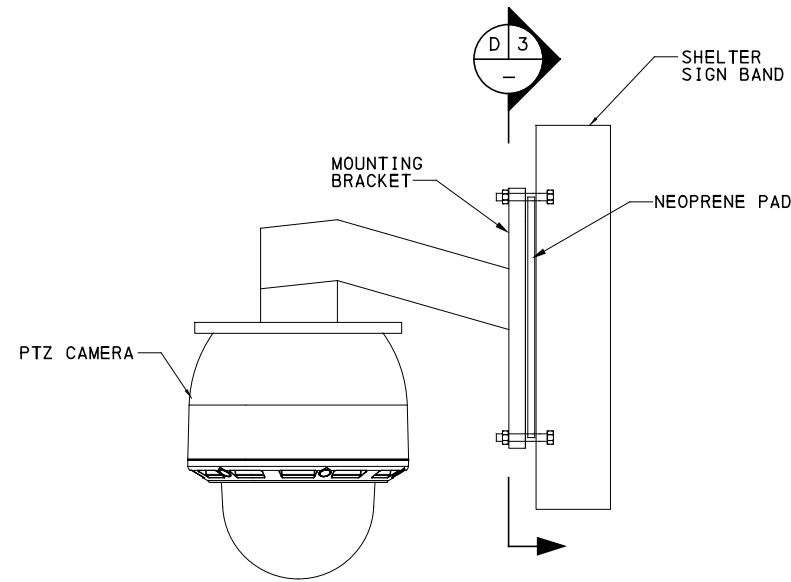
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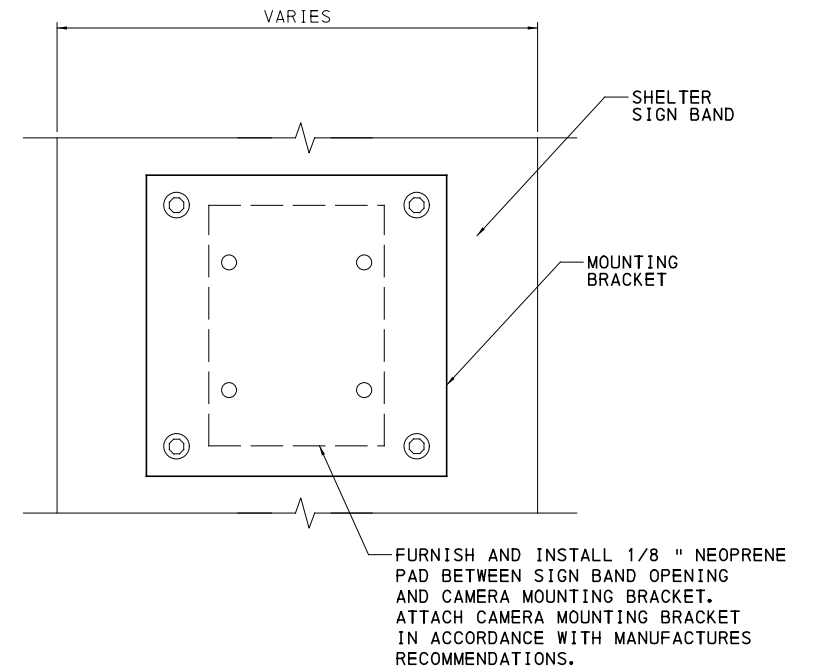
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BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS EMERGENCY CALL STATION DETAILS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS13 SHT. 865



CCTV CAMERA MOUNTING DETAIL-PLAN VIEW
 NTS



SECTION
 CCTV CAMERA MOUNT
 NTS



SECTION
 CCTV CAMERA MOUNT
 NTS

NOTES:

1. ATTACH CAMERA MOUNTING TO SIGN BAND USING STANDARD HARDWARE IN ACCORDANCE WITH MANUFACTURES RECOMMENDATIONS.
2. REFER TO ARCHITECTURAL ELEVATION DWGS FOR CAMERA LOCATIONS.



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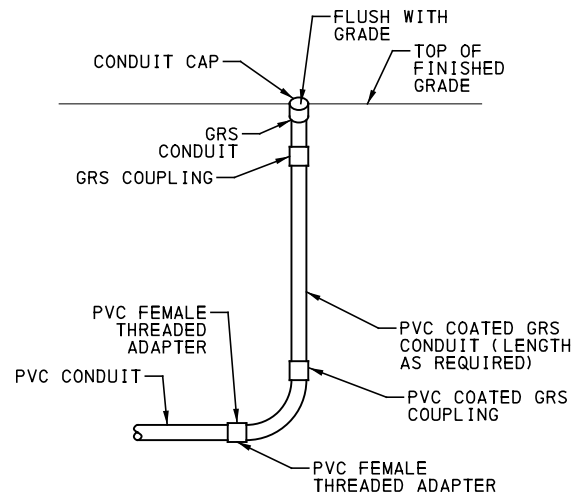
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 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS CCTV MOUNTING DETAILS

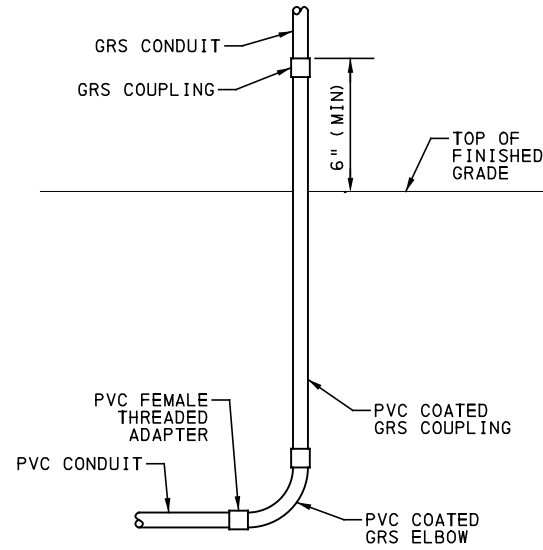


CONTRACT NO. BRT-001

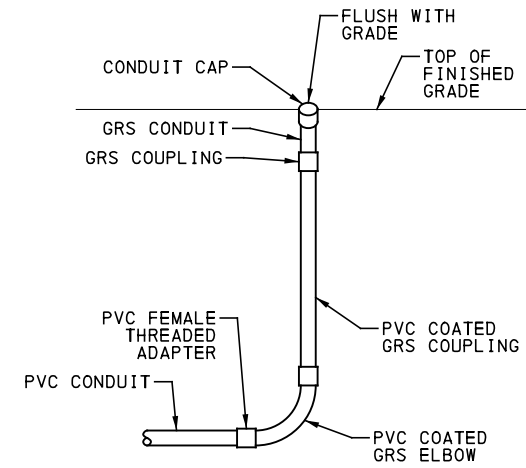
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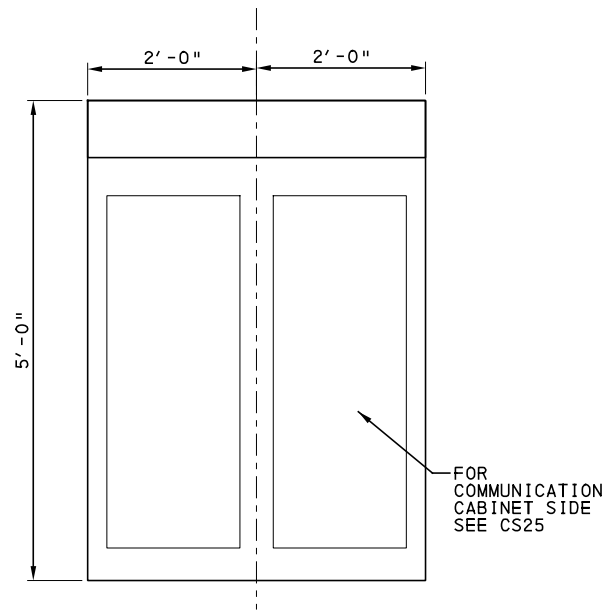
TYP. CONDUIT STUB-UP SECTION FOR COMMUNICATIONS EQUIPMENT



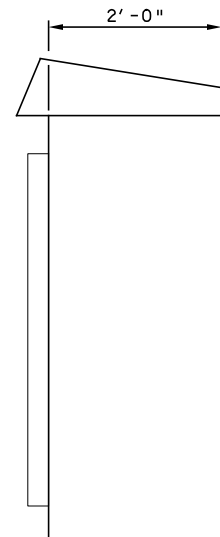
CONDUIT STUB-UPS AT SYSTEMS EQUIPMENT CABINETS DETAIL



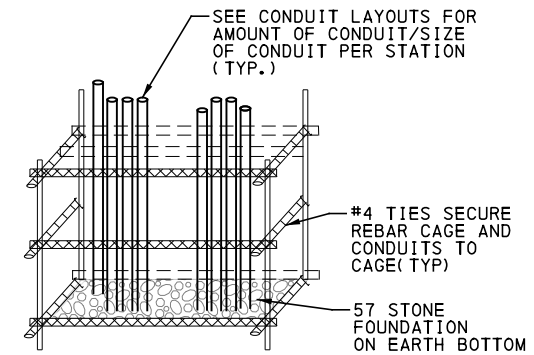
TYPICAL CONDUIT STUB-UP SECTION WITH CAP



SYSTEMS EQUIPMENT CABINET FRONT ELEVATION



SYSTEMS EQUIPMENT CABINET SIDE ELEVATION



SYSTEMS EQUIPMENT CABINET FOUNDATION DETAIL

NOTES:

1. MOUNTING DIMENSIONS PER MANUFACTURER'S RECOMMENDATIONS.
2. DRILLED EXISTING CONCRETE PLATFORM TO ACCOMMODATE AN EXPANDABLE THREADED ANCHOR FOR A 1/2"x4" S.S BOLT.
3. GROUND WIRE IS WELDED TO THE REBAR WITHIN THE CONCRETE PAD AND BONDED AT EACH END PER SPECIFICATIONS.



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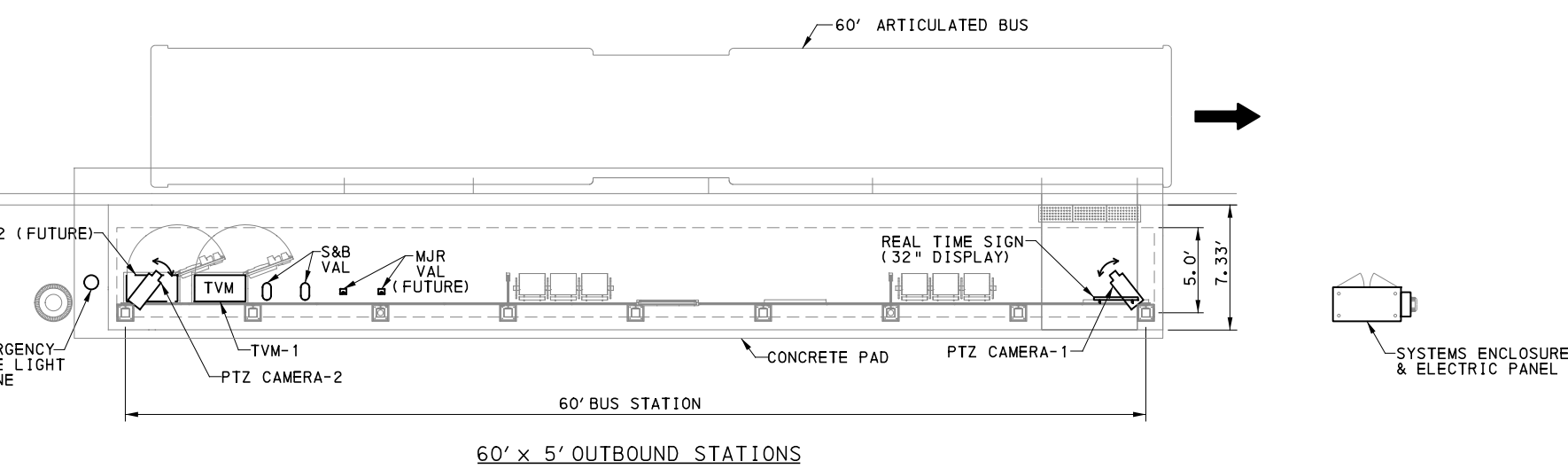
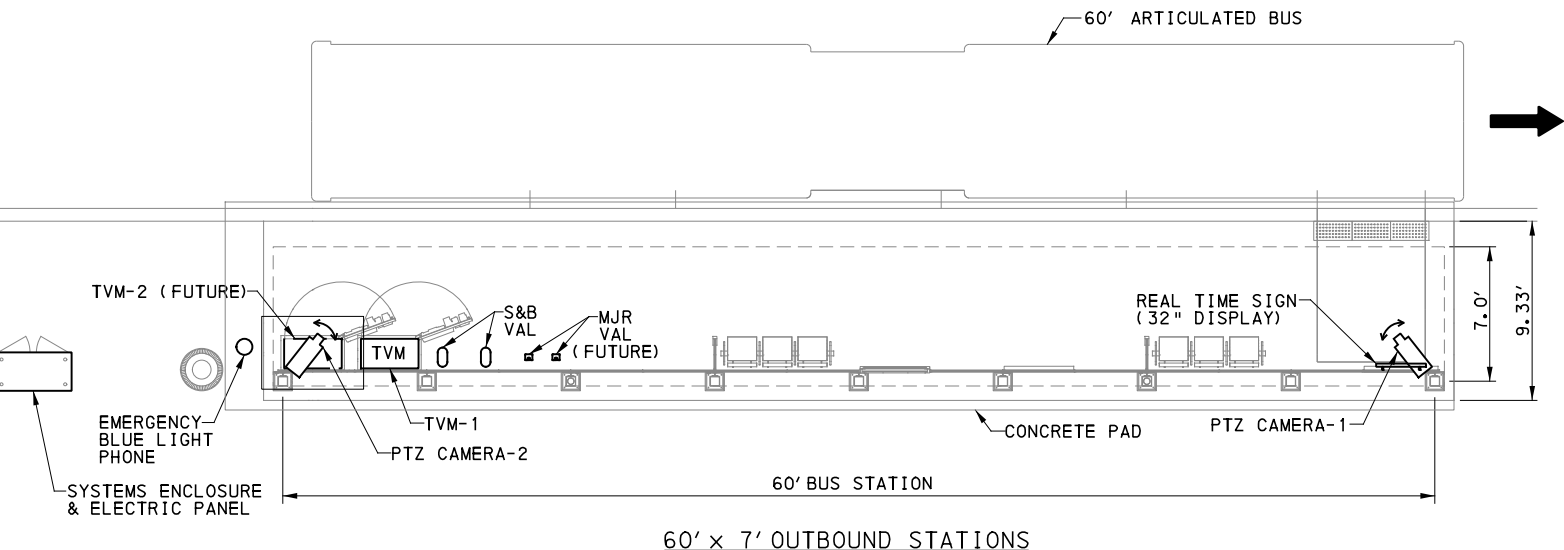
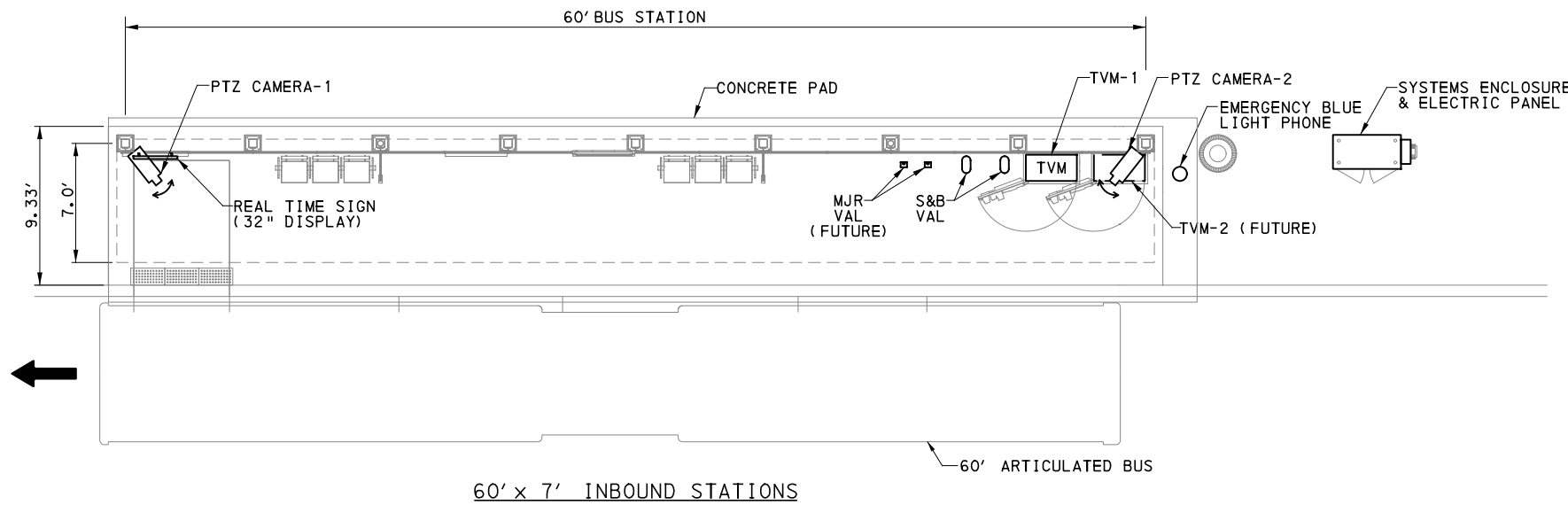
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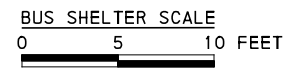
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SYSTEM CABINET DETAILS	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS15 SHT. 867



INBOUND STATIONS	STATION SIZE
CHESTERFIELD RD STATION (FIFTH)	60' X 7'
TENNYSON AVE STATION (FIFTH)	60' X 7'
OUTBOUND STATIONS	STATION SIZE
UPTOWN WEST STATION (FORBES)	60' X 7'
PRIDE ST STATION (FORBES)	60' X 7'
WEST OAKLAND STATION (FORBES)	60' X 5'
MCKEE PL STATION (FORBES)	60' X 7'
CENTRAL OAKLAND STATION* (FORBES)	60' X 5'
BIGELOW BLVD STATION (FORBES)	60' X 5'

* ON STATION SCHEDULE DENOTES 120' STATION. THESE STATIONS ARE JUST TWO 60' STATIONS BACK TO BACK WITH THE SAME AMOUNT OF EQUIPMENT.



- NOTES:
- FOR SYSTEMS GENERAL NOTES SEE DWG CS1.
 - LAYOUT SHOWS TYPICAL EQUIPMENT PLAN FOR 60' STATIONS.
 - FIELD VERIFY THE MOUNTING LOCATION OF CAMERAS FOR OPTIMAL COVERAGE. COORDINATE CAMERA COVERAGE WITH THE ENGINEER.
 - REFER TO ARCHITECTURAL SITE PLANS AR010 TO AR092 FOR LAYOUT OF EQUIPMENT.
 - CABINET ORIENTATION IS BASED ON FRONT ELEVATION OF CABINET.
 - ALL VALIDATORS TO BE PEDESTAL MOUNTED.
 - REFER TO ARCHITECTURAL ELEVATION DWGS FOR CAMERA LOCATIONS.

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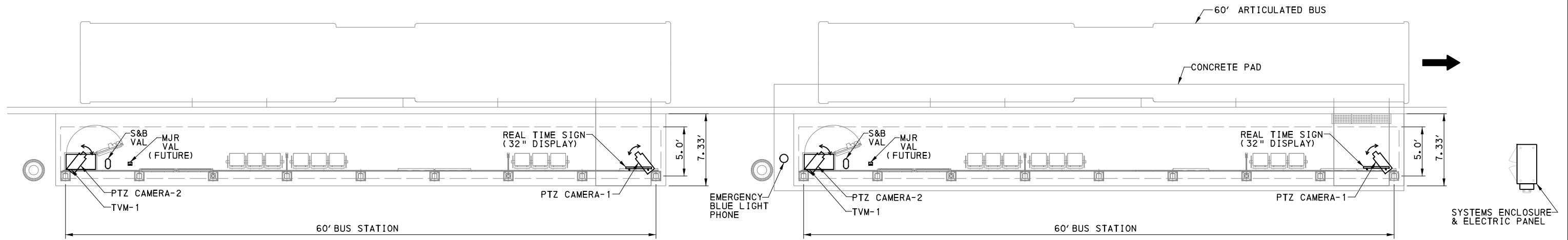
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PORT AUTHORITY OF ALLEGHENY COUNTY
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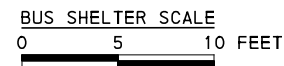
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 SYSTEMS 60' INBOUND EQUIPMENT PLAN

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CONTRACT NO. BRT-001
 DWG. NO. CS16 SHT. 868



2-60' X 5' STATIONS



- NOTES:
- FOR SYSTEMS GENERAL NOTES SEE DWG CS1.
 - LAYOUT SHOWS TYPICAL EQUIPMENT PLAN FOR 60' STATIONS.
 - FIELD VERIFY THE MOUNTING LOCATION OF CAMERAS FOR OPTIMAL COVERAGE. COORDINATE CAMERA COVERAGE WITH THE ENGINEER.
 - REFER TO ARCHITECTURAL SITE PLANS AR010 TO AR092 FOR LAYOUT OF EQUIPMENT.
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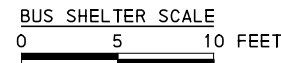
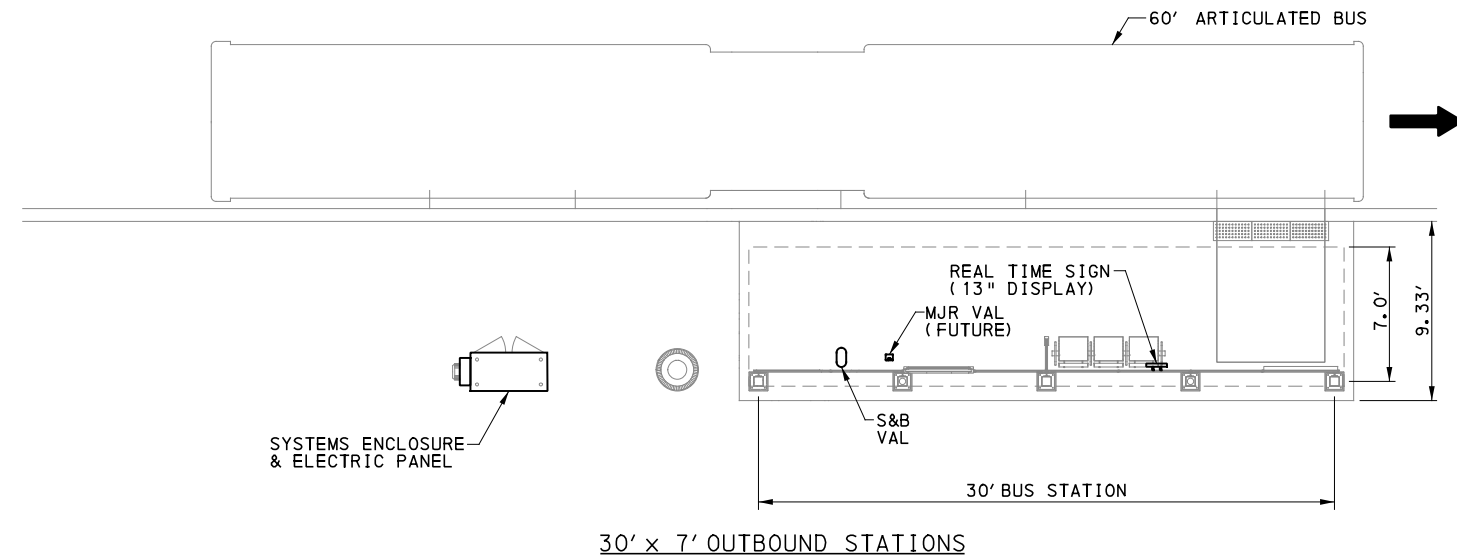
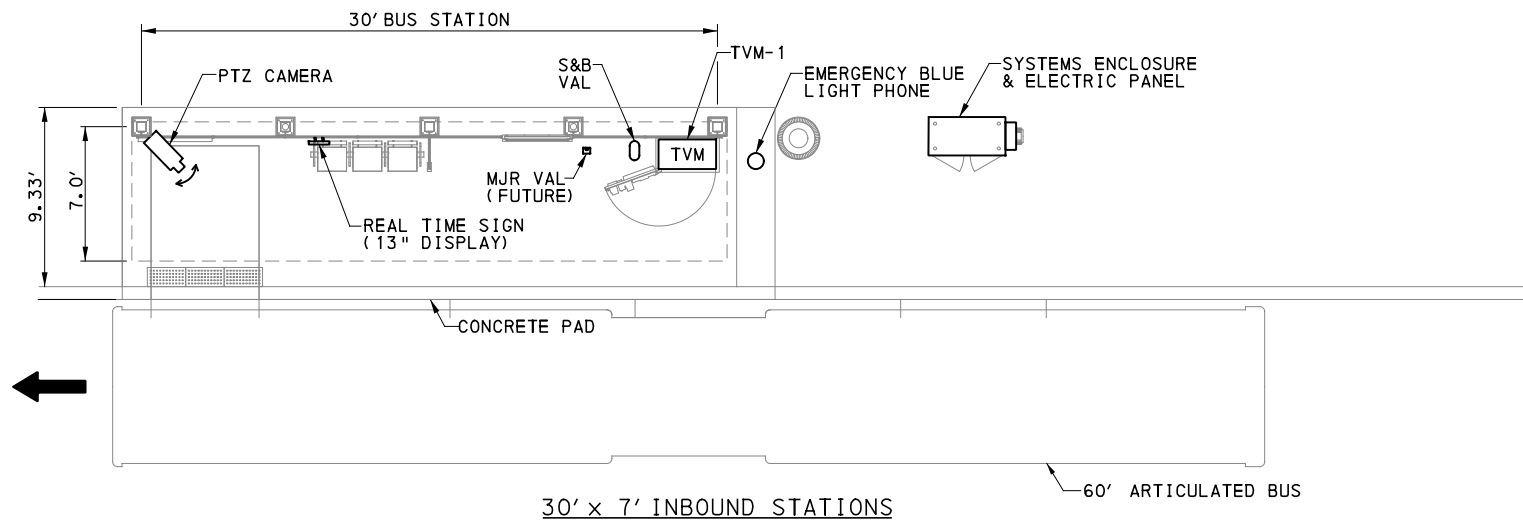
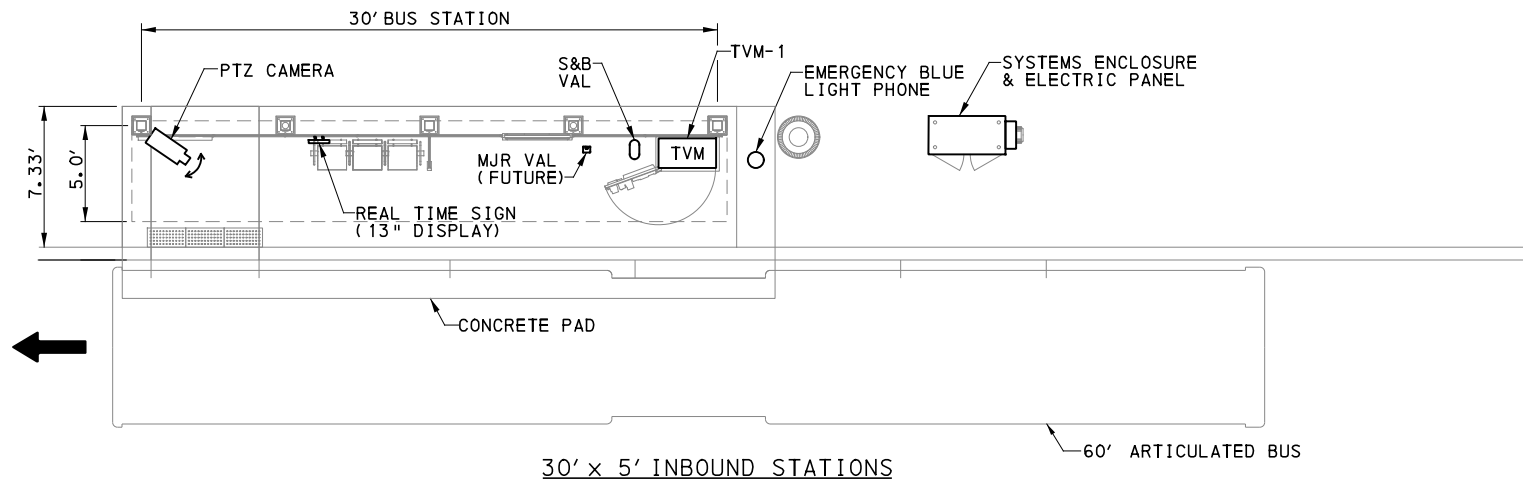
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SYSTEMS 60' SPECIAL CASE EQUIPMENT PLAN	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. CS17 SHT. 869



INBOUND STATIONS	STATION SIZE
UPTOWN WEST STATION (FIFTH)	30' X 7'
PRIDE ST STATION (FIFTH)	30' X 5'
UPTOWN CENTRAL STATION (FIFTH)	30' X 7'
JUMONVILLE ST STATION (FIFTH)	30' X 7'
SOHO STATION (FIFTH)	30' X 7'
WEST OAKLAND STATION (FIFTH)	30' X 5'
BIGELOW STATION (FIFTH)	30' X 14'
OUTBOUND STATIONS	STATION SIZE
UPTOWN CENTRAL STATION (FORBES)	30' X 7'
JUMONVILLE ST STATION (FORBES)	30' X 7'
SOHO STATION (FORBES)	30' X 7'

NOTES:

- FOR SYSTEMS GENERAL NOTES SEE DWG CS1.
- LAYOUT SHOWS TYPICAL EQUIPMENT PLAN FOR 30' STATIONS.
- FIELD VERIFY THE MOUNTING LOCATION OF CAMERAS FOR OPTIMAL COVERAGE. COORDINATE CAMERA COVERAGE WITH THE PORT.
- REFER TO ARCHITECTURAL SITE PLANS AR010 TO AR092 FOR LAYOUT OF EQUIPMENT.
- CABINET ORIENTATION IS BASED ON FRONT ELEVATION OF CABINET.
- ALL VALIDATORS TO BE PEDESTAL MOUNTED.
- REFER TO ARCHITECTURAL ELEVATION DWGS FOR CAMERA LOCATIONS.



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PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SYSTEMS 30' INBOUND EQUIPMENT PLAN

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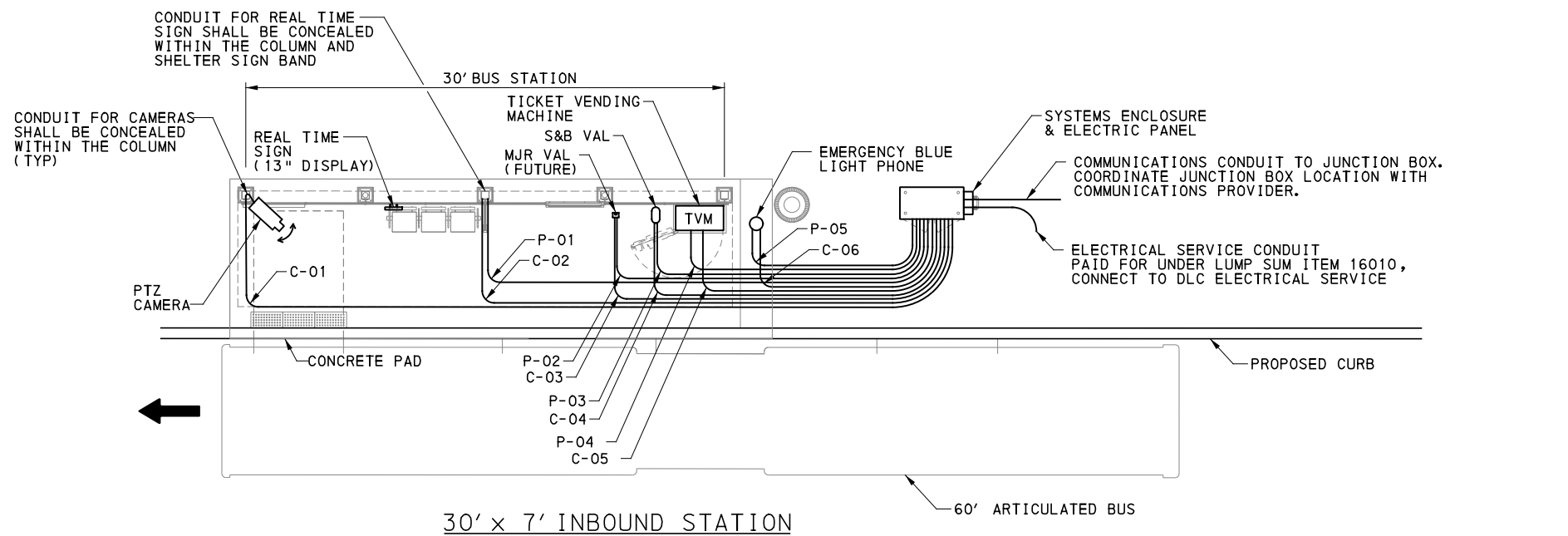
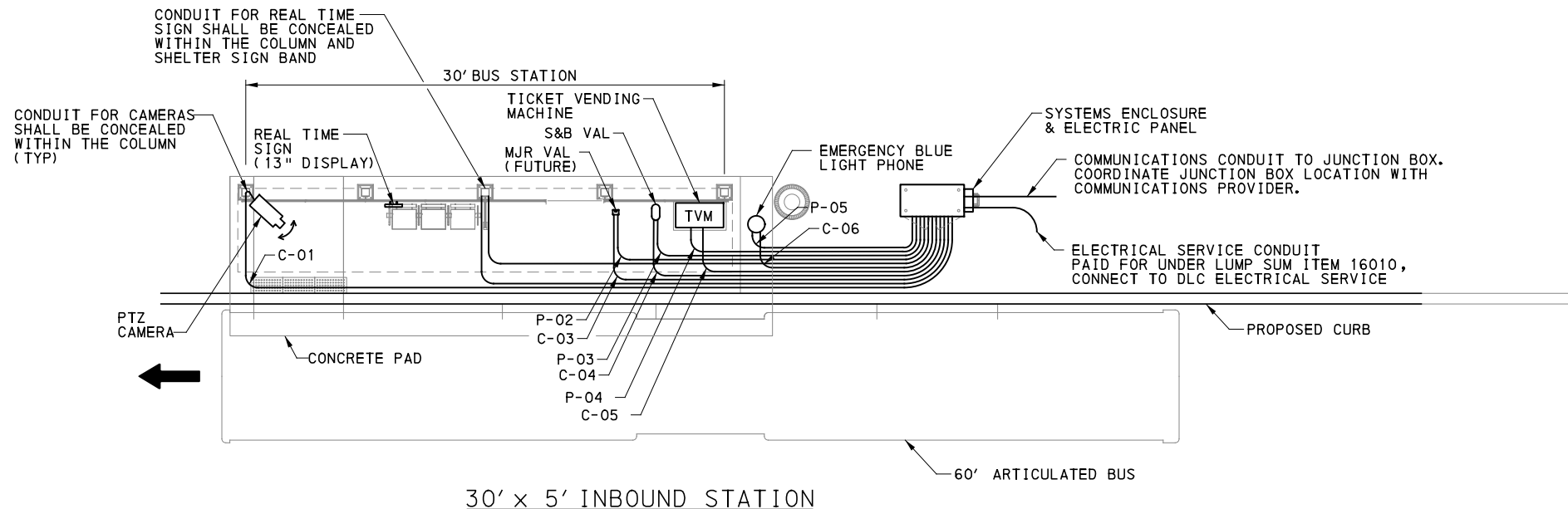
CONTRACT NO. BRT-001

DWG. NO. CS18 SHT. 870

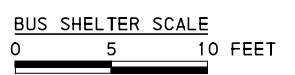
COMMUNICATIONS CONDUIT SCHEDULE 30' STATION											
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE				NOTES
					SIZE	TYPE	SIZE	GND	TYPE	VOLT	
C-01	CSX	SE CABINET	PTZ CAMERA	COMM FEED FOR PTZ	1"	PVC	--	--	--	--	1-CAT6
C-02	CSX	SE CABINET	REAL TIME SIGN	COMM FEED FOR RTS	1"	PVC	--	--	--	--	1-CAT6
C-03	CSX	SE CABINET	MJR VALIDATOR	COMM FEED FOR MJR VAL	1"	PVC	--	--	--	--	1-CAT6
C-04	CSX	SE CABINET	S&B VALIDATOR	COMM FEED FOR S&B VAL	1"	PVC	--	--	--	--	1-CAT6
C-05	CSX	SE CABINET	TICKET VENDING MACHINE	COMM FEED FOR TVM	1"	PVC	--	--	--	--	1-CAT6
C-06	CSX	SE CABINET	EMERGENCY BLUE LIGHT PHONE	COMM FEED FOR BL	1"	PVC	--	--	--	--	1-CAT6

POWER CONDUIT SCHEDULE 30' STATION											
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE				NOTES
					SIZE	TYPE	SIZE	GND	TYPE	VOLT	
P-01	CSX	SE CABINET 12 VOLT POWER SUPPLY	REAL TIME SIGN	PWR FEED FOR RTS	1"	PVC	**	**	**	**	
P-02	CSX	SE CABINET ELECTRICAL PANEL	MJR VALIDATOR	PWR FEED FOR MJR VAL	1"	PVC	2-#12	1-#12	THHN/ THWN	600	
P-03	CSX	SE CABINET ELECTRICAL PANEL	S&B VALIDATOR	PWR FEED FOR S&B VAL	1"	PVC	2-#12	1-#12	THHN/ THWN	600	
P-04	CSX	SE CABINET ELECTRICAL PANEL	TICKET VENDING MACHINE	PWR FEED FOR TVM	1"	PVC	2-#12	1-#12	THHN/ THWN	600	
P-05	CSX	SE CABINET ELECTRICAL PANEL	EMERGENCY BLUE LIGHT PHONE	PWR FEED FOR BL	1"	PVC	2-#12	1-#12	THHN/ THWN	600	

** - MANUFACTURER SUGGESTED POWER CABLE SEE SHEET CSX FOR DETAILS.



- NOTES:
- ALL HARDWARE SHALL BE STAINLESS STEEL.
 - ALL HORIZONTAL BENDS TO BE 3' RADIUS OR GREATER.
 - ALL CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY AND NOT TO SCALE.
 - REFER TO ARCHITECTURAL SITE PLANS AR010 TO AR092 FOR LAYOUT OF EQUIPMENT.
 - CONDUIT AND CABLE INSTALLATION AT STATION LOCATIONS IS PAID FOR UNDER LUMP SUM ITEM 16010. IT INCLUDES ALL TRENCHING AND BACKFILL, CONDUIT AND CABLE INSTALLATION WITHIN THE STATION AREA. LIMIT OF PAYMENT EXTENDS FROM THE EQUIPMENT CABINET TO THE SHELTER DEVICES.
 - REFER TO ARCHITECTURAL ELEVATION DWGS. FOR CAMERA LOCATIONS.



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SYSTEMS 30' INBOUND CONDUIT PLAN

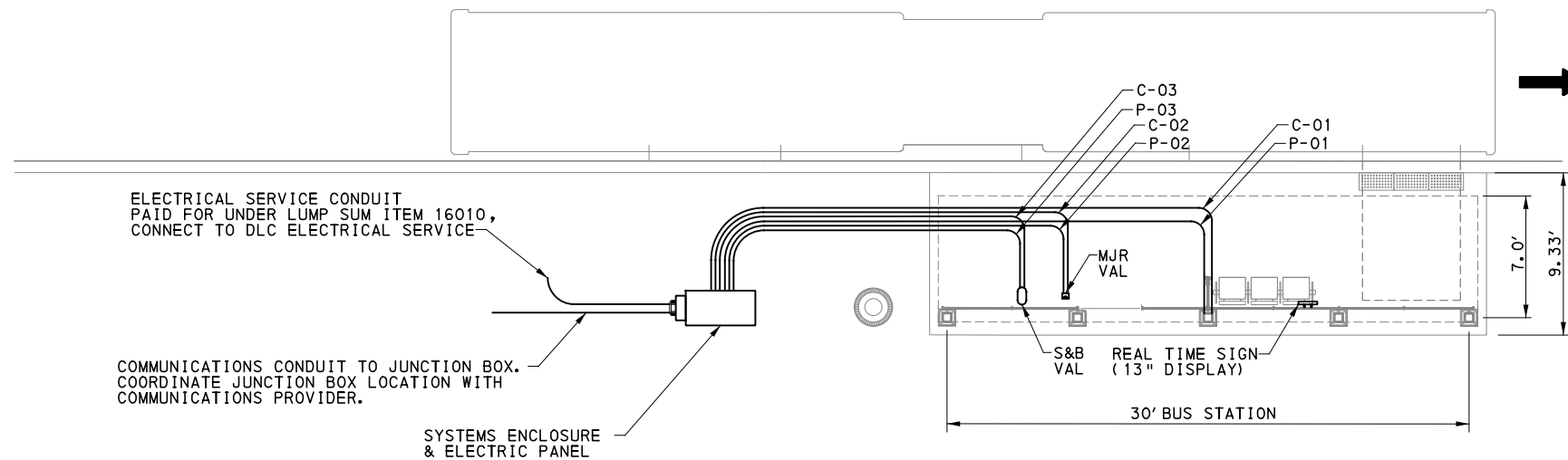
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CONTRACT NO. BRT-001
DWG. NO. CS19 SHT. 871

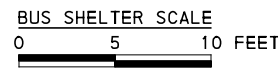
COMMUNICATIONS CONDUIT SCHEDULE 30' STATION											
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE				NOTES
					SIZE	TYPE	SIZE	GND	TYPE	VOLT	
C-01	CS10	SE CABINET	REAL TIME SIGN	COMM FEED FOR RTS	1"	PVC	--	--	--	--	--
C-02	CS8	SE CABINET	MJR VALIDATOR	COMM FEED FOR MJR VAL	1"	PVC	--	--	--	--	1-CAT6
C-03	CS9	SE CABINET	S&B VALIDATOR	COMM FEED FOR S&B VAL	1"	PVC	--	--	--	--	1-CAT6

POWER CONDUIT SCHEDULE 30' STATION											
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE				NOTES
					SIZE	TYPE	SIZE	GND	TYPE	VOLT	
P-01	CS10	SE CABINET 12 VOLT POWER SUPPLY	REAL TIME SIGN	PWR FEED FOR RTS	1"	PVC	**	**	**	**	
P-02	CS8	SE CABINET ELECTRICAL PANEL	MJR VALIDATOR	PWR FEED FOR MJR VAL	1"	PVC	2-#12	1-#12	THHN/ THWN	600	
P-03	CS9	SE CABINET ELECTRICAL PANEL	S&B VALIDATOR	PWR FEED FOR S&B VAL	1"	PVC	2-#12	1-#12	THHN/ THWN	600	

** - MANUFACTURER SUGGESTED POWER CABLE SEE SHEET CS12 FOR DETAILS.



30' x 7' OUTBOUND STATION



NOTES:

1. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. ALL HORIZONTAL BENDS TO BE 3' RADIUS OR GREATER.
3. ALL CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY AND NOT TO SCALE.
4. REFER TO ARCHITECTURAL SITE PLANS AR010 TO AR092 FOR LAYOUT OF EQUIPMENT.
5. CONDUIT AND CABLE INSTALLATION AT STATION LOCATIONS IS PAID FOR UNDER LUMP SUM ITEM 16010. IT INCLUDES ALL TRENCHING AND BACKFILL, CONDUIT AND CABLE INSTALLATION WITHIN THE STATION AREA. LIMIT OF PAYMENT EXTENDS FROM THE EQUIPMENT CABINET TO THE SHELTER DEVICES.
6. REFER TO ARCHITECTURAL ELEVATION DWGS. FOR CAMERA LOCATIONS.



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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
SYSTEMS 30' OUTBOUND CONDUIT PLAN

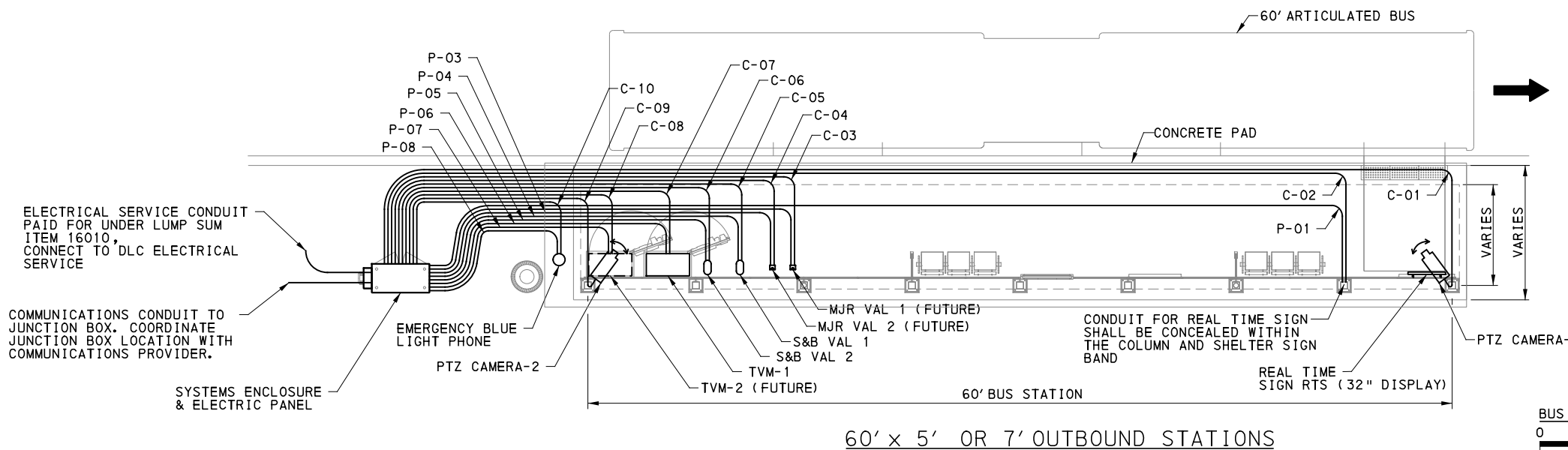
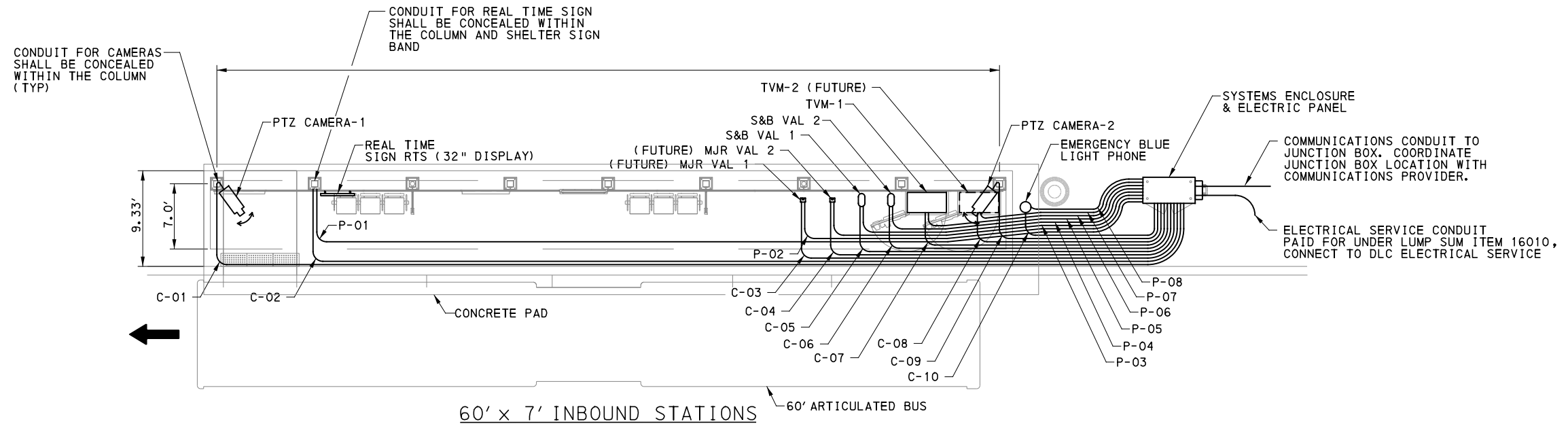


CONTRACT NO. BRT-001
DWG. NO. CS20 SHT. 872

COMMUNICATIONS CONDUIT SCHEDULE 60' STATION										
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE			NOTES
					SIZE	TYPE	SIZE	GND	TYPE	
C-01	CS14	SE CABINET	PTZ CAMERA-1	COMM FEED FOR PTZ-1	1"	PVC	--	--	--	1-CAT6
C-02	CS10	SE CABINET	REAL TIME SIGN	COMM FEED FOR RTS	1"	PVC	--	--	--	1-CAT6
C-03	CS8	SE CABINET	MJR VALIDATOR-1	COMM FEED FOR MJR VAL-1	1"	PVC	--	--	--	1-CAT6
C-04	CS8	SE CABINET	MJR VALIDATOR-2	COMM FEED FOR MJR VAL-2	1"	PVC	--	--	--	1-CAT6
C-05	CS9	SE CABINET	S&B VALIDATOR-1	COMM FEED FOR S&B VAL-1	1"	PVC	--	--	--	1-CAT6
C-06	CS9	SE CABINET	S&B VALIDATOR-2	COMM FEED FOR S&B VAL-2	1"	PVC	--	--	--	1-CAT6
C-07	CS7	SE CABINET	TICKET VENDING MACHINE	COMM FEED FOR TVM	1"	PVC	--	--	--	1-CAT6
C-08	CS7	SE CABINET	TICKET VENDING MACHINE	COMM FEED FOR TVM	1"	PVC	--	--	--	1-CAT6
C-09	CS14	SE CABINET	PTZ CAMERA-2	COMM FEED FOR PTZ-2	1"	PVC	--	--	--	1-CAT6
C-10	CS3	SE CABINET	EMERGENCY BLUE LIGHT PHONE	COMM FEED FOR BL	1"	PVC	--	--	--	1-CAT6

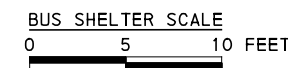
POWER CONDUIT SCHEDULE 60' STATION													
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE				NOTES		
					SIZE	TYPE	SIZE	GND	TYPE	VOLT			
P-01	CS10	SE CABINET 12 VOLT POWER SUPPLY	REAL TIME SIGN	PWR FEED FOR RTS	1"	PVC	**	**	**	**			
P-02	CS8	SE CABINET ELECTRICAL PANEL	MJR VALIDATOR-1	PWR FEED FOR MJR VAL-1	1"	PVC	2-#12	1-#12	THHN/ THWN	600			
P-03	CS8	SE CABINET ELECTRICAL PANEL	MJR VALIDATOR-2	PWR FEED FOR MJR VAL-2	1"	PVC	2-#12	1-#12	THHN/ THWN	600			
P-04	CS9	SE CABINET ELECTRICAL PANEL	S&B VALIDATOR-1	PWR FEED FOR S&B VAL-1	1"	PVC	2-#12	1-#12	THHN/ THWN	600			
P-05	CS9	SE CABINET ELECTRICAL PANEL	S&B VALIDATOR-2	PWR FEED FOR S&B VAL-2	1"	PVC	2-#12	1-#12	THHN/ THWN	600			
P-06	CS7	SE CABINET ELECTRICAL PANEL	TICKET VENDING MACHINE	PWR FEED FOR TVM (FUTURE)	1"	PVC	2-#12	1-#12	THHN/ THWN	600			
P-07	CS7	SE CABINET ELECTRICAL PANEL	TICKET VENDING MACHINE	PWR FEED FOR TVM	1"	PVC	2-#12	1-#12	THHN/ THWN	600			
P-08	CS13	SE CABINET ELECTRICAL PANEL	EMERGENCY BLUE LIGHT PHONE	PWR FEED FOR BL	1"	PVC	2-#12	1-#12	THHN/ THWN	600			

** - MANUFACTURER SUGGESTED POWER CABLE SEE SHEET CS12 FOR DETAILS



NOTES:

1. ALL HARDWARE SHALL BE STAINLESS STEEL.
2. ALL HORIZONTAL BENDS TO BE 3' RADIUS OR GREATER.
3. ALL CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY AND NOT TO SCALE.
4. REFER TO ARCHITECTURAL SITE PLANS AR010 TO AR092 FOR LAYOUT OF EQUIPMENT.
5. CONDUIT AND CABLE INSTALLATION AT STATION LOCATIONS IS PAID FOR UNDER LUMP SUM ITEM 16010. IT INCLUDES ALL TRENCHING AND BACKFILL, CONDUIT AND CABLE INSTALLATION WITHIN THE STATION AREA. LIMIT OF PAYMENT EXTENDS FROM THE EQUIPMENT CABINET TO THE SHELTER DEVICES.
6. REFER TO ARCHITECTURAL ELEVATION DWGS. FOR CAMERA LOCATIONS.



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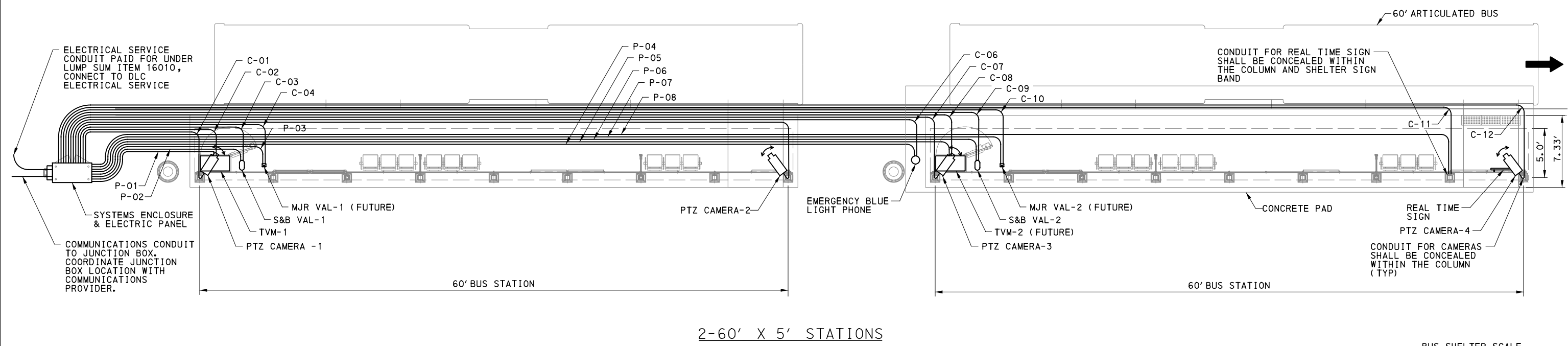
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SYSTEMS 60' CONDUIT PLAN	
Port Authority connecting people to life®	CONTRACT NO. BRT-001
DWG. NO. CS21	SHT. 873

COMMUNICATIONS CONDUIT SCHEDULE 120' STATION										
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE			NOTES
					SIZE	TYPE	SIZE	GND	TYPE	
C-01	CSX	SE CABINET	PTZ CAMERA-1	COMM FEED FOR PTZ-1	1"	PVC	--	--	--	1-CAT6
C-02	CSX	SE CABINET	TICKET VENDING MACHINE-1	COMM FEED FOR TVM-1	1"	PVC	--	--	--	1-CAT6
C-03	CSX	SE CABINET	MJR VALIDATOR-1	COMM FEED FOR MJR VAL-1	1"	PVC	--	--	--	1-CAT6
C-04	CSX	SE CABINET	S&B VALIDATOR-1	COMM FEED FOR S&B VAL-1	1"	PVC	--	--	--	1-CAT6
C-05	CSX	SE CABINET	PTZ CAMERA-2	COMM FEED FOR PTZ-2	1"	PVC	--	--	--	1-CAT6
C-06	CSX	SE CABINET	EMERGENCY BLUE LIGHT	COMM FEED FOR BLUE LIGHT PHONE	1"	PVC	--	--	--	1-CAT6
C-07	CSX	SE CABINET	PTZ CAMERA-3	COMM FEED FOR PTZ-3	1"	PVC	--	--	--	1-CAT6
C-08	CSX	SE CABINET	TICKET VENDING MACHINE-2	COMM FEED FOR TVM-2	1"	PVC	--	--	--	1-CAT6
C-09	CSX	SE CABINET	S&B VALIDATOR-2	COMM FEED FOR MJR VAL-2	1"	PVC	--	--	--	1-CAT6
C-10	CSX	SE CABINET	MJR VALIDATOR-2	COMM FEED FOR S&B VAL-2	1"	PVC	--	--	--	1-CAT6
C-11	CSX	SE CABINET	REAL TIME SIGN	COMM FEED FOR RTS	1"	PVC	--	--	--	1-CAT6
C-12	CSX	SE CABINET	PTZ CAMERA-4	COMM FEED FOR PTZ-4	1"	PVC	--	--	--	1-CAT6

- NOTES:
- ALL HARDWARE SHALL BE STAINLESS STEEL.
 - ALL HORIZONTAL BENDS TO BE 3' RADIUS OR GREATER.
 - ALL CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY AND NOT TO SCALE.
 - REFER TO ARCHITECTURAL SITE PLANS AR010 TO AR015 FOR LAYOUT OF EQUIPMENT.
 - CONDUIT AND CABLE INSTALLATION AT STATION LOCATIONS IS PAID FOR UNDER LUMP SUM ITEM 16010. IT INCLUDES ALL TRENCHING AND BACKFILL, CONDUIT AND CABLE INSTALLATION WITHIN THE STATION AREA. LIMIT OF PAYMENT EXTENDS FROM THE EQUIPMENT CABINET TO THE SHELTER DEVICES.
 - REFER TO ARCHITECTURAL ELEVATION DWGS FOR CAMERA LOCATIONS.

POWER CONDUIT SCHEDULE 120' STATION										
CDT. NO.	DWG. NO.	FROM	TO	SERVICE	CONDUIT		WIRE			NOTES
					SIZE	TYPE	SIZE	GND	TYPE	
P-01	CSX	SE CABINET ELECTRICAL PANEL	TICKET VENDING MACHINE-1	PWR FEED FOR TVM-1	1"	PVC	2-#12	1-#12	THHN/ THWN	600
P-02	CSX	SE CABINET ELECTRICAL PANEL	MJR VALIDATOR-1	PWR FEED FOR MJR VAL-1	1"	PVC	2-#12	1-#12	THHN/ THWN	600
P-03	CSX	SE CABINET ELECTRICAL PANEL	S&B VALIDATOR-1	PWR FEED FOR S&B VAL-1	1"	PVC	2-#12	1-#12	THHN/ THWN	600
P-04	CSX	SE CABINET ELECTRICAL PANEL	EMERGENCY BLUE LIGHT PHONE	PWR FEED FOR BL	1"	PVC	2-#12	1-#12	THHN/ THWN	600
P-05	CSX	SE CABINET ELECTRICAL PANEL	MJR VALIDATOR-2	PWR FEED FOR MJR VAL-2	1"	PVC	2-#12	1-#12	THHN/ THWN	600
P-06	CSX	SE CABINET ELECTRICAL PANEL	S&B VALIDATOR-2	PWR FEED FOR S&B VAL-2	1"	PVC	2-#12	1-#12	THHN/ THWN	600
P-07	CSX	SE CABINET ELECTRICAL PANEL	TICKET VENDING MACHINE-2	PWR FEED FOR TVM-2	1"	PVC	2-#12	1-#12	THHN/ THWN	600
P-08	CSX	SE CABINET 12 VOLT POWER SUPPLY	REAL TIME SIGN-1	PWR FEED FOR RTS	1"	PVC	**	**	**	**

** - MANUFACTURER SUGGESTED POWER CABLE SEE SHEET CS12 FOR DETAILS.



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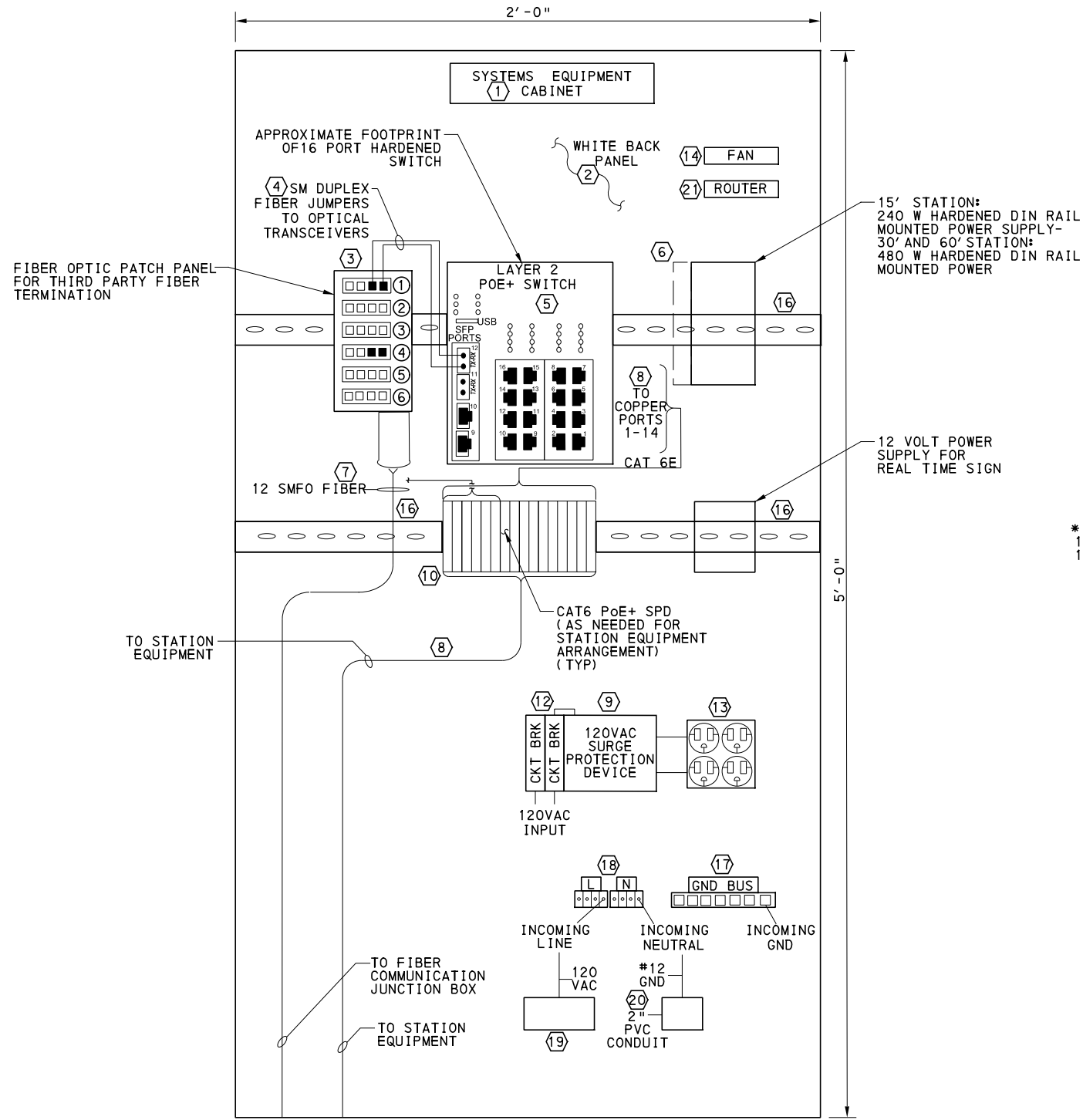
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
SYSTEMS 60' SPECIAL CASE CONDUIT PLAN

Port Authority connecting people to life®

CONTRACT NO. BRT-001
DWG. NO. CS22 SHT. 874



STATION EQUIPMENT CABINET
 NOT TO SCALE

COMPONENTS LIST

ITEM NO.	QUANTITY	DESCRIPTION
1	1	48"W X 60"H X 24"D
2	0	WHITE BACK PANEL
3	1	FIBER OPTIC PATCH PANEL
4	1	FIBER OPTIC DUPLEX JUMPER CABLE
5	1	* PORT PoE+ ETHERNET SWITCH
6	1	54V DC HARDENED DIN RAIL PWR SUPPLY
7	1	12 STRAND SM FIBER OPTIC CABLE
8	8	TEMP RATED CAT 6E COPPER CABLE
9	1	120V AC SURGE PROTECTION DEVICE
10		CAT 6E PoE+ SPD
12	1	20 AMP CIRCUIT BREAKER
13	1	120V AC QUAD POWER OUTLET
14	1	THERMOSTAT CONTROLLED FAN
15	1	HEAT STRIP
16	2	DIN-RAIL
17	1	GROUND BUS
18	2	TERMINAL STRIPS
19	2	2 INCH PVC CONDUIT
20	1	2 INCH PVC CONDUIT
21	1	ROUTER

* 8 PORT 15' STATION
 16 PORT 30' STATION
 16 PORT 60' STATION

NOTES

- ALL EQUIPMENT SHALL BE BONDED TO CABINET GROUNDING SYSTEM.
- ALL MATERIALS SHOWN ON DRAWING ARE NEW COMPONENTS.
- ALL CABLING AND WIRING SHALL BE NEATLY TRAINED AND LACED WITHIN CABINET.
- CABINET SHOWN IS ONLY COMMUNICATIONS HALF OF EQUIPMENT CABINET.



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS
 SYSTEMS EQUIPMENT CABINET LAYOUT (TYPICAL)

Port Authority connecting people to life

CONTRACT NO. BRT-001
 DWG. NO. CS23 SHT. 875

CABLE

- 1 3-CAT6
- 2 6-#14 AWG
- 3 6-#10 AWG
- 4 3-#8 AWG
- 5 3-#4 AWG
- 6 3-#2 AWG
- 7 4-#4 AWG
- 8 3-#1 AWG

CONDUIT

- A 1 - 2" PVC CONDUIT
- B 2 - 2" PVC CONDUIT
- C 1 - 3" PVC CONDUIT
- D 3 - 3" PVC CONDUITS &
1- 7 WAY MICRODUCT CONDUIT
- E 3 - 3" PVC CONDUIT
- F 4 - 3" PVC CONDUIT

CONSTRUCTION NOTES

- 1 INSTALL FIBER OPTIC CABLE IN NEW CONDUIT
- 2 INSTALL ELECTRICAL SERVICE/POWER CABLE IN NEW CONDUIT
- 3 INSTALL NEW CONDUIT IN EARTH
- 4 INSTALL NEW CONDUIT IN SIDEWALK
- 5 INSTALL NEW CONDUIT IN ROADWAY USING BORING METHOD
- 6 INSTALL AND CONCRETE ENCASE NEW CONDUIT IN ROADWAY USING TRENCHING METHOD
- 7 CONTRACTOR TO COORDINATE WITH ELECTRICAL AND COMMUNICATIONS PROVIDER FOR SERVICE TO CABINET
- 8 INSTALL COMMUNICATIONS JUNCTION BOX

LEGEND

- === - CONDUIT DUCT BANK
- - JUNCTION BOX (JB-1)



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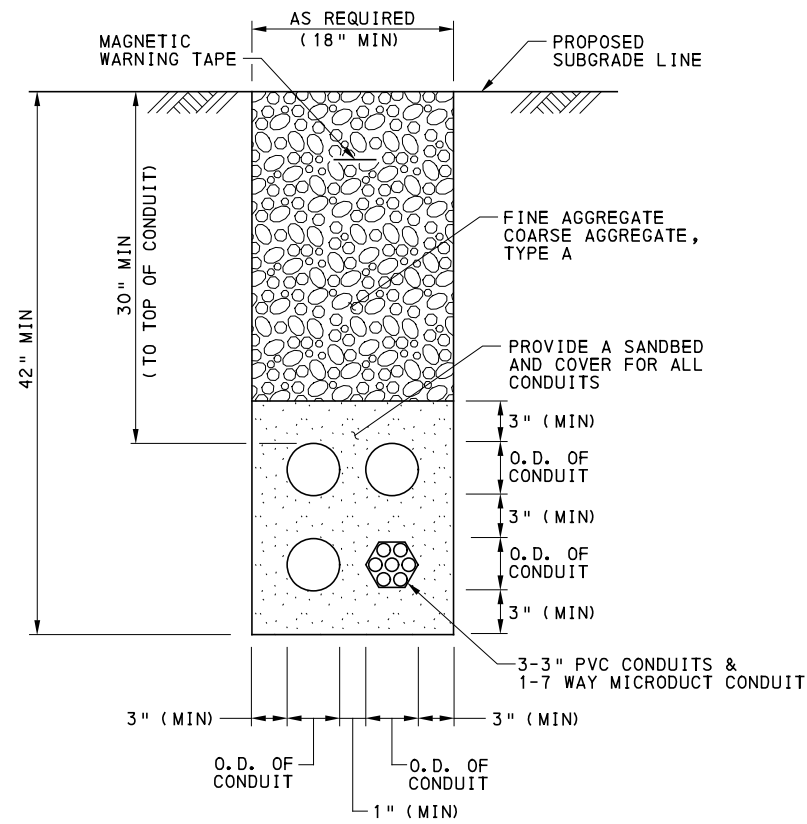
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PORT AUTHORITY OF ALLEGHENY COUNTY
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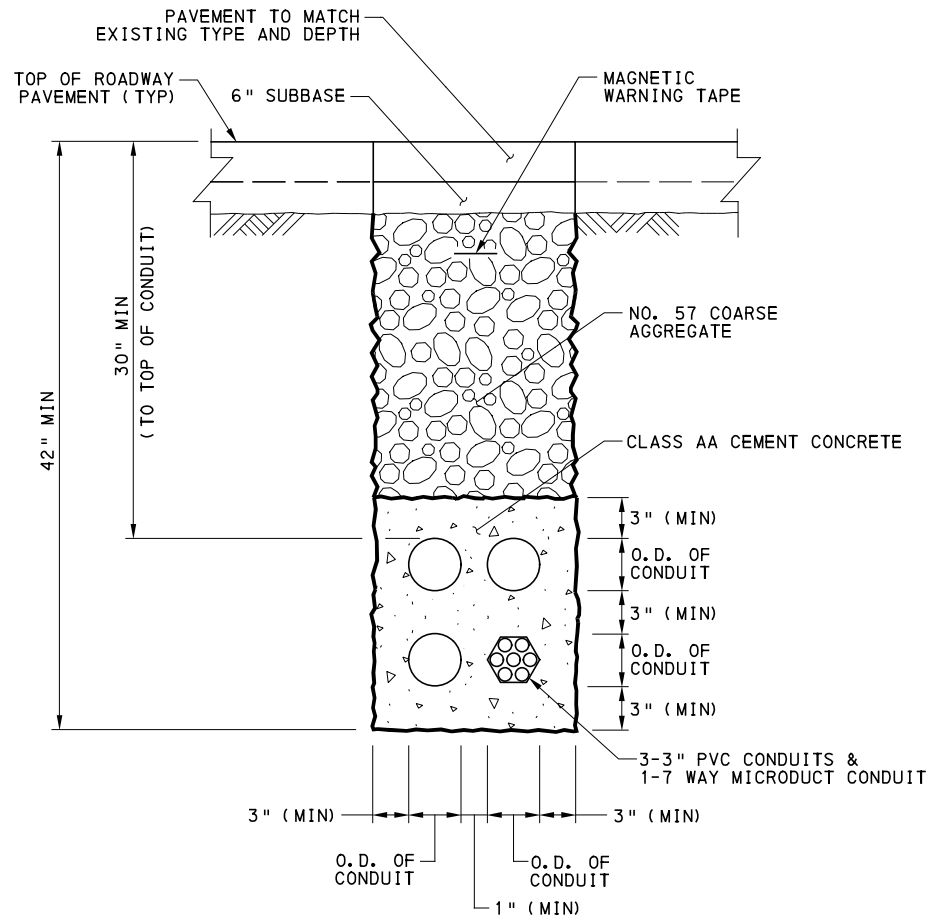
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 GENERAL NOTES



CONTRACT NO. BRT-001
 DWG. NO. CS24 SHT. 876

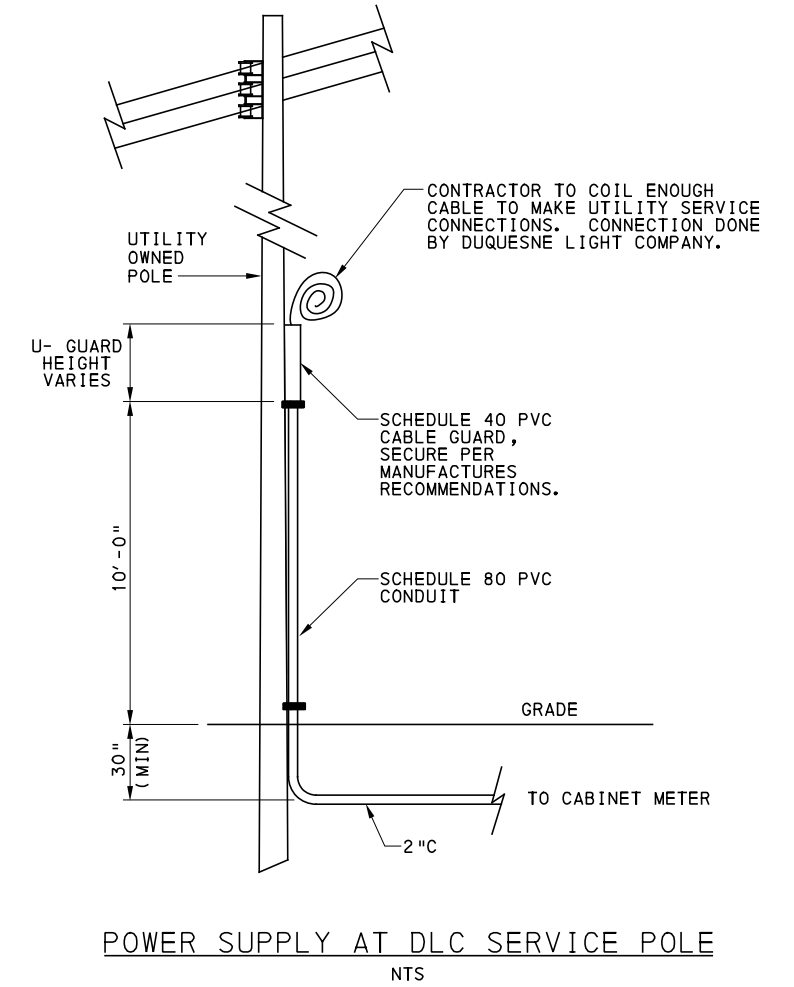


TRENCHING AND BACKFILLING IN EARTH
 NTS



ROADWAY TRENCH
 AND
 CONCRETE ENCASED CONDUIT
 NTS

- NOTES:
1. INCREASE OVERALL WIDTH OF TRENCH INCREMENTALLY. FOR ADDITIONAL NUMBER OF CONDUITS TO BE ENCASED.
 2. ACCELERATED REINFORCED CEMENT CONCRETE AND SUBBASE IS INCIDENTAL TO ROADWAY TRENCH ITEM PRICE.



POWER SUPPLY AT DLC SERVICE POLE
 NTS

NOTE:
 DLC SERVICE CONNECTIONS ARE INCIDENTAL TO ITEM 16010 BASIC ELECTRICAL REQUIREMENTS



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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS SPECIAL DETAILS	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. CS25 SHT. 877

THE QUANTITIES SHOWN (FOR INFORMATION ONLY) ARE TO BE PAID FOR UNDER THE RESPECTIVE SECTION 16010 LUMP SUM STATION ITEM.

UPTOWN TABULATION SHEET

ITEM NUMBER	UNIT	CITY OF PITTSBURGH STANDARD CONCRETE JUNCTION BOX, JB-1	TRENCH AND BACKFILL, TYPE I (FOR INFORMATION ONLY)	TRENCH AND BACKFILL, TYPE II	TRENCH AND BACKFILL, TYPE IV	1 INCH CONDUIT (FOR INFORMATION ONLY)	2 INCH CONDUIT (FOR INFORMATION ONLY)	3 INCH CONDUIT (FOR INFORMATION ONLY)	FIBER OPTIC MICRODUCT	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS (FOR INFORMATION ONLY)	LAYER 2 SWITCH	SMALL FORM FACTOR PLUGGABLE (SFP) OPTICAL TRANSCEIVER	COMMUNICATION CABELING (FOR INFORMATION ONLY)	PTZ CAMERA	13" DIGITAL BUS DISPLAY	32" DIGITAL BUS DISPLAY	EMERGENCY BLUE LIGHT PHONE	TVM (FOR INFORMATION ONLY)	TVM (FUTURE) (FOR INFORMATION ONLY)	VALIDATOR (FOR INFORMATION ONLY)	VALIDATOR (FUTURE) (FOR INFORMATION ONLY)	REMARKS	SIDE	STATION				
																									02897 001 EA	02898 002 LF	02898 005 LF	02899 006 LF
33			7590		790			23340	8615															SMART SPINES - FIFTH AVENUE				
19			3090		530			10380	3605																SMART SPINES - FORBES AVENUE			
			45			520	50			660	1	2	360	1	1		1			1	1	1			UPTOWN WEST STATION - FIFTH AVENUE CABINET	LT	STA. 442+50, OFFSET 30'	
			45			520	160			660	1	2	360	1	1		1			1	1	1			PRIDE STREET STATION - FIFTH AVENUE CABINET	LT	STA. 456+00, OFFSET 25'	
			45			520	65			660	1	2	360	1	1		1			1	1	1			UPTOWN CENTRAL STATION - FIFTH AVENUE CABINET	LT	STA. 468+00, OFFSET 28'	
			45			520	240			660	1	2	360	1	1		1			1	1	1			JUMONVILLE STREET STATION - FIFTH AVENUE CABINET	LT	STA. 476+00, OFFSET 12'	
			45			565	150			720	1	2	425	1	1		1			1	1	1			SOHO STATION - FIFTH AVENUE CABINET	LT	STA. 492+00, OFFSET 28'	
			75			1000	230			1320	1	2	660	2		1	1			1	1	2	2			UPTOWN WEST STATION - FORBES AVENUE CABINET	RT	STA. 130+45, OFFSET 25'
			75			1000	65			1320	1	2	660	2		1	1			1	1	2	2			PRIDE STREET STATION - FORBES AVENUE CABINET	RT	STA. 144+50, OFFSET 30'
			45			150	140			350	1	2	140		1							1	1			UPTOWN CENTRAL STATION - FORBES AVENUE CABINET	RT	STA. 154+90, OFFSET 28'
			45			150	75			350	1	2	140		1							1	1			JUMONVILLE STREET STATION - FORBES AVENUE CABINET	RT	STA. 165+50, OFFSET 27'
			45			150	120			350	1	2	140		1							1	1			SOHO STATION - FORBES AVENUE CABINET	RT	STA. 176+15, OFFSET 30'
52			11190		1320	5095	1295	33720	12220	7050	10	20	3605	9	8	2	7			7	2	12	12					



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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 TABULATION SHEET

Port Authority connecting people to life
 CONTRACT NO. BRT-001
 DWG. NO. CS26 SHT. 878

◆ THE QUANTITIES SHOWN (FOR INFORMATION ONLY) ARE TO BE PAID FOR UNDER THE RESPECTIVE SECTION 16010 LUMP SUM STATION ITEM.

OAKLAND TABULATION SHEET

ITEM NUMBER	UNIT	TRENCH AND BACKFILL, TYPE 1 (FOR INFORMATION ONLY)	TRENCH AND BACKFILL, TYPE II 02898 002 LF	TRENCH AND BACKFILL, TYPE IV 02898 005 LF	1 INCH CONDUIT (FOR INFORMATION ONLY)	2 INCH CONDUIT (FOR INFORMATION ONLY)	LOW VOLTAGE ELECTRICAL POWER CONDUCTORS (FOR INFORMATION ONLY)	LAYER 2 SWITCH 17080 002 EA	SMALL FORM FACTOR PLUGGABLE (SFP) OPTICAL TRANSCEIVER 17080 003 EA	COMMUNICATION CABELING (FOR INFORMATION ONLY)	PTZ CAMERA 17200 001 EA	13" DIGITAL BUS DISPLAY 17300 001 EA	32" DIGITAL BUS DISPLAY 17300 002 EA	EMERGENCY BLUE LIGHT PHONE 17400 001 EA	TVM (FOR INFORMATION ONLY)	TVM (FUTURE) (FOR INFORMATION ONLY)	VALIDATOR (FOR INFORMATION ONLY)	VALIDATOR (FUTURE) (FOR INFORMATION ONLY)	REMARKS		SIDE	STATION
75			60		400	270	660	1	2	320	2	1			1		1	1	WEST OAKLAND STATION - FIFTH AVENUE CABINET	LT	STA. 517+60, OFFSET 27'	
180					800	200	1060	1	2	550	2		1		1	1	2	2	CHESTERFIELD ROAD STATION - FIFTH AVENUE CABINET	LT	STA. 528+00, OFFSET 30'	
			200		400		660	1	2	220							2	2	ATWOOD STATION - FIFTH AVENUE CABINET	LT	STA. 538+30, OFFSET 60'	
45					800	50	1060	1	2	550	2		1		1	1	2	2	BIGELOW BOULEVARD STATION - FIFTH AVENUE CABINET	LT	STA. 550+85, OFFSET 32'	
75			40		800	140	1060	1	2	550	2		1		1	1	2	2	TENNYSON AVENUE STATION - FIFTH AVENUE CABINET	LT	STA. 561+25, OFFSET 30'	
300					800	240	1060	1	2	550	2		1		1	1	2	2	WEST OAKLAND STATION - FORBES AVENUE CABINET	RT	STA. 211+60, OFFSET 25'	
210			40		800	190	1060	1	2	550	2		1		1	1	2	2	MCKEE PLACE STATION - FORBES AVENUE CABINET	RT	STA. 225+00, OFFSET 28'	
70			70		1200	140	1500	1	2	800	2		1		1	1	2	2	CENTRAL OAKLAND STATION - FORBES AVENUE CABINET	RT	STA. 235+90, OFFSET 27'	
100					1200	200	1500	1	2	800	2		1		1	1	2	2	BIGELOW BOULEVARD STATION - FORBES AVENUE CABINET	RT	STA. 246+60, OFFSET 27'	
1055	200	210	7200	1430			9620	9	18	4890	16	2	6	8	8	7	17	17				

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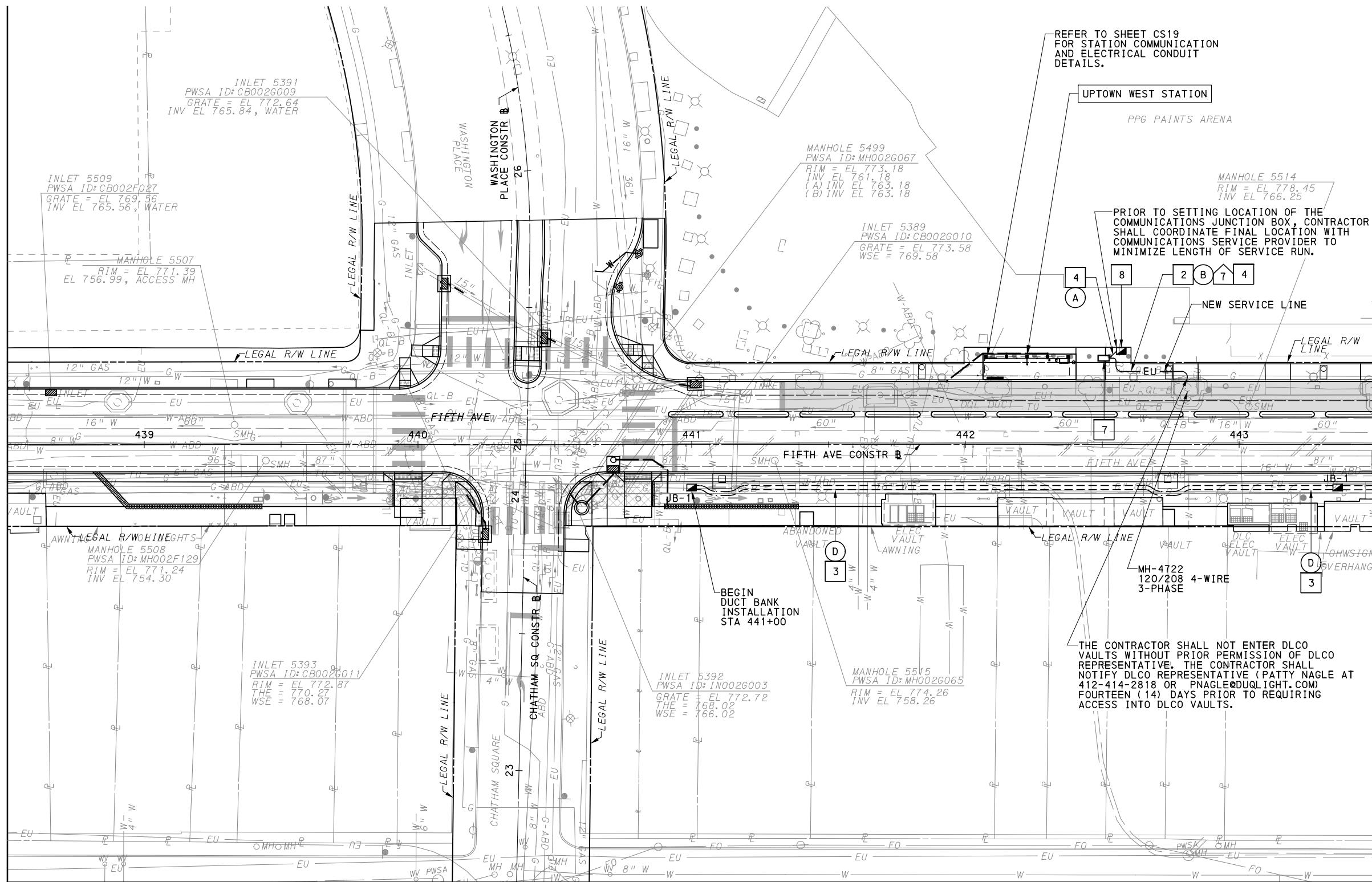
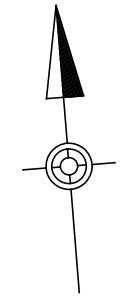
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PORT AUTHORITY OF ALLEGHENY COUNTY
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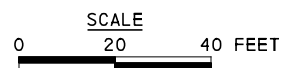
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS TABULATION SHEET

CONTRACT NO. BRT-001	
DWG. NO. CS27	SHT. 879



MATCH LINE SEE SHEET 901

MATCH LINE SEE SHEET 881



[FOR ROADWAY PLAN SEE SHEET 358]



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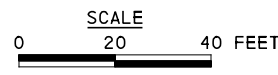
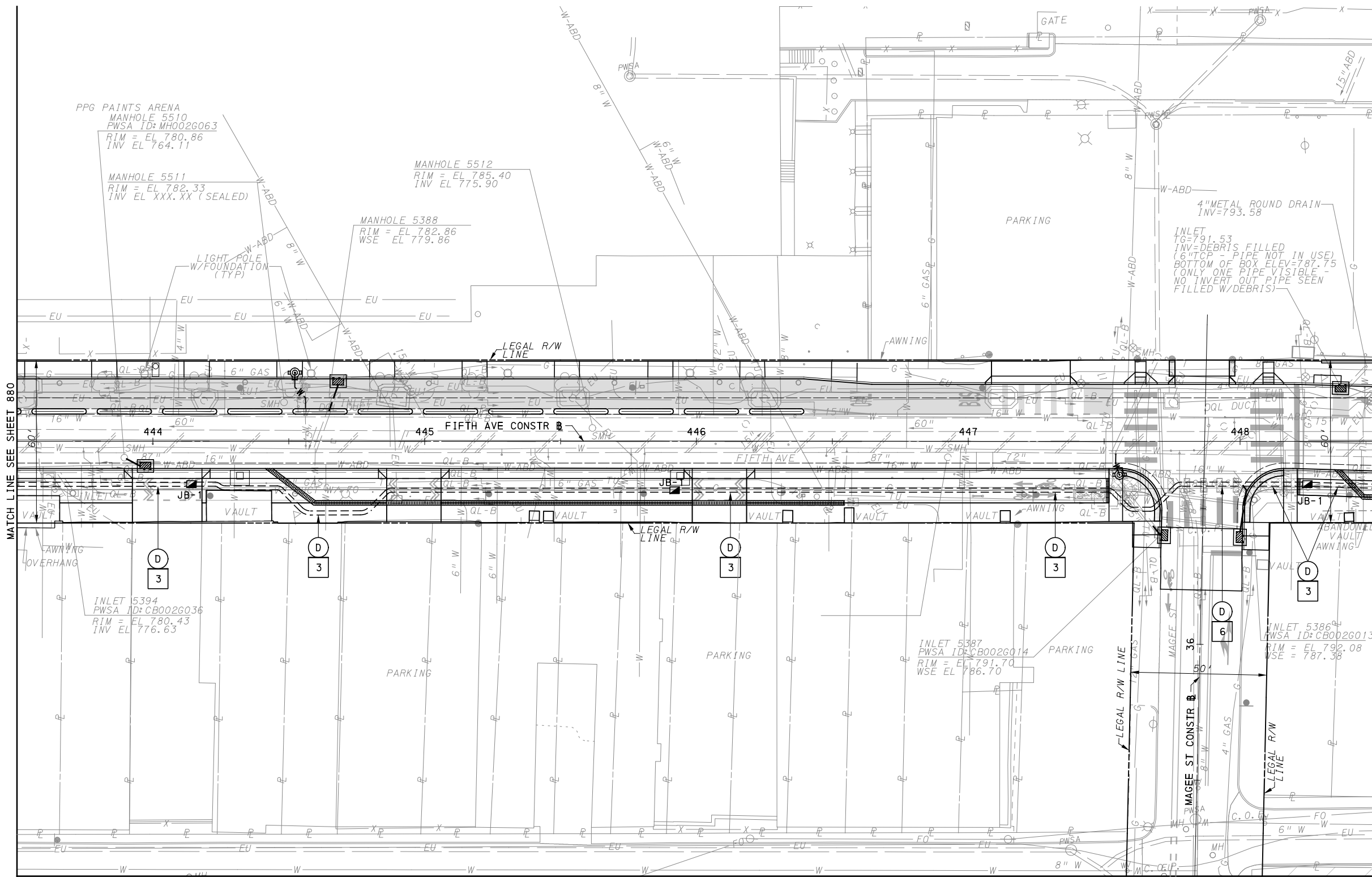
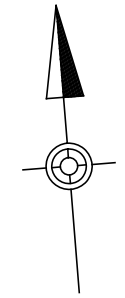
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 438+50 TO STA 443+50	
Port Authority connecting people to life	CONTRACT NO. BRT-001
DWG. NO. CS28	SHT. 880



[FOR ROADWAY PLAN SEE SHEET 359]

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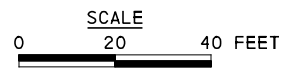
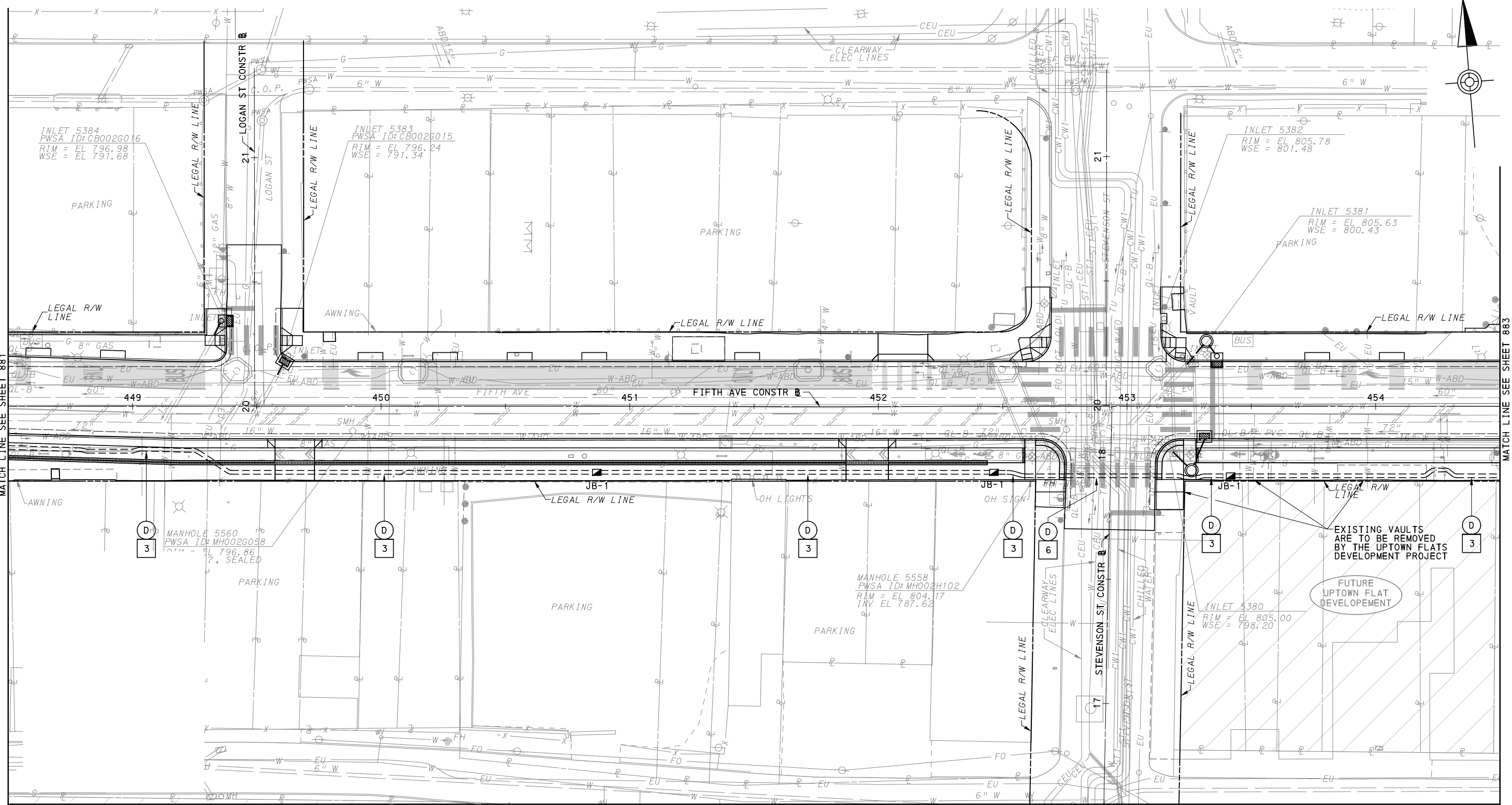
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 443+50 TO STA 448+50

Port Authority
connecting people to life™

CONTRACT NO. BRT-001	
DWG. NO. CS29	SHT. 881



FOR ROADWAY PLAN SEE SHEET 360



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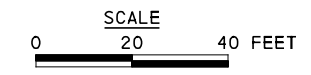
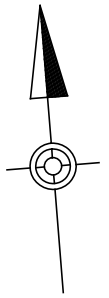
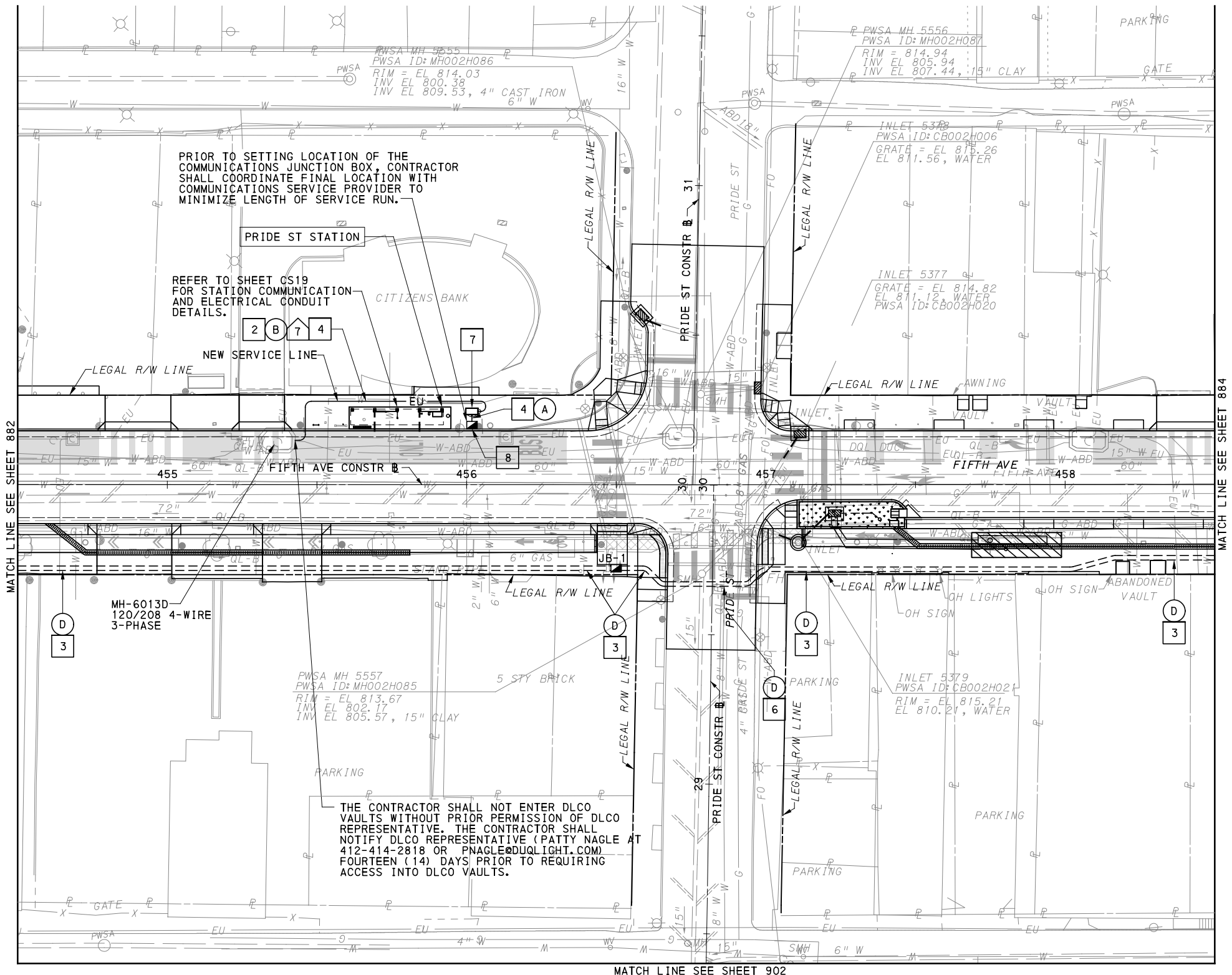
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 448+50 TO STA 454+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. CS30 SHT. 882



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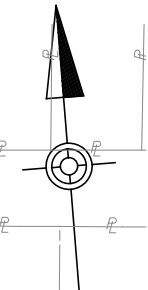
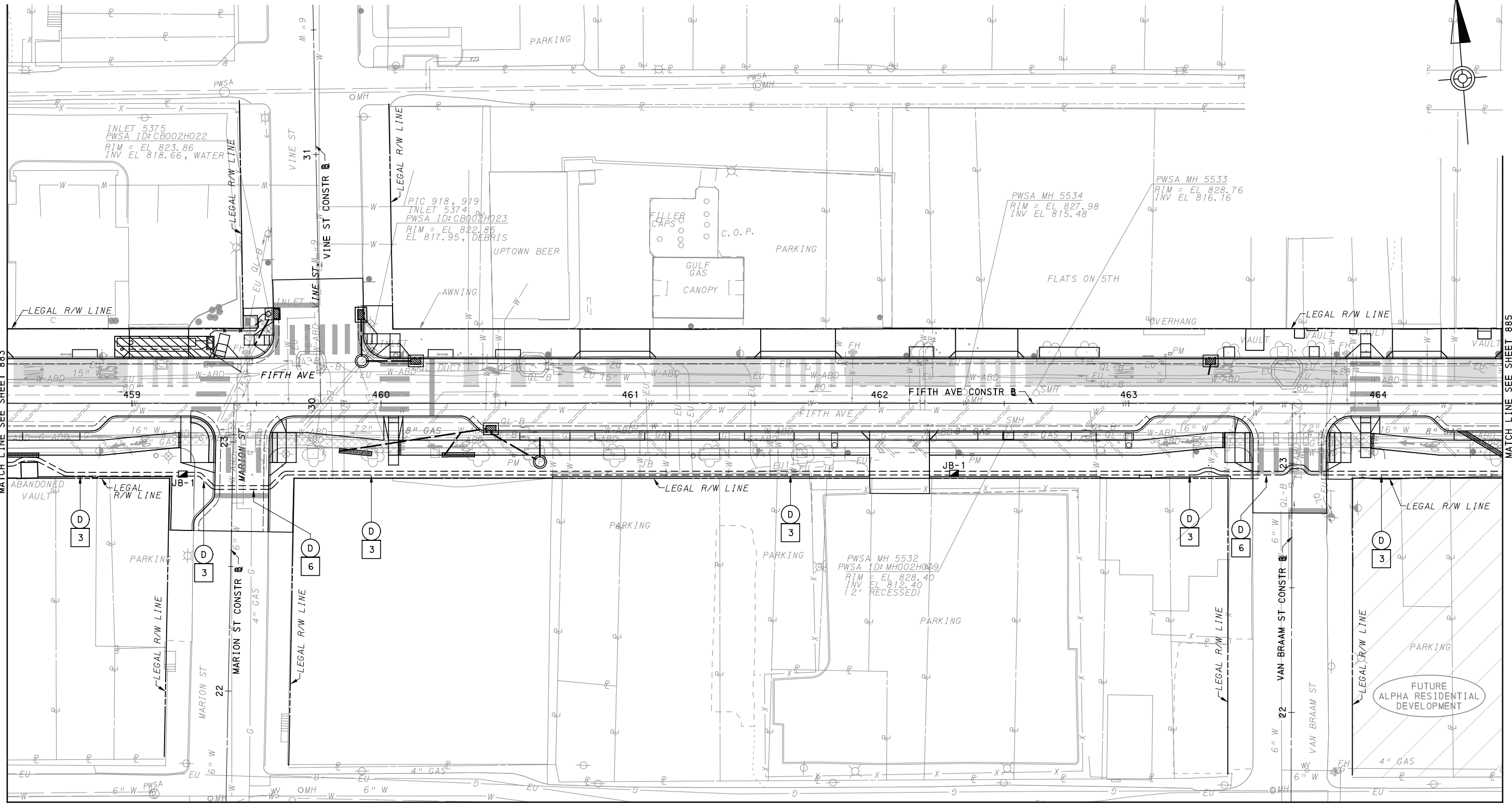
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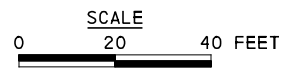
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[FOR ROADWAY PLAN SEE SHEET 361]		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 454+50 TO STA 458+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. CS31	SHT. 883



MATCH LINE SEE SHEET 903



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DATE	05/01/24
SCALE	AS SHOWN

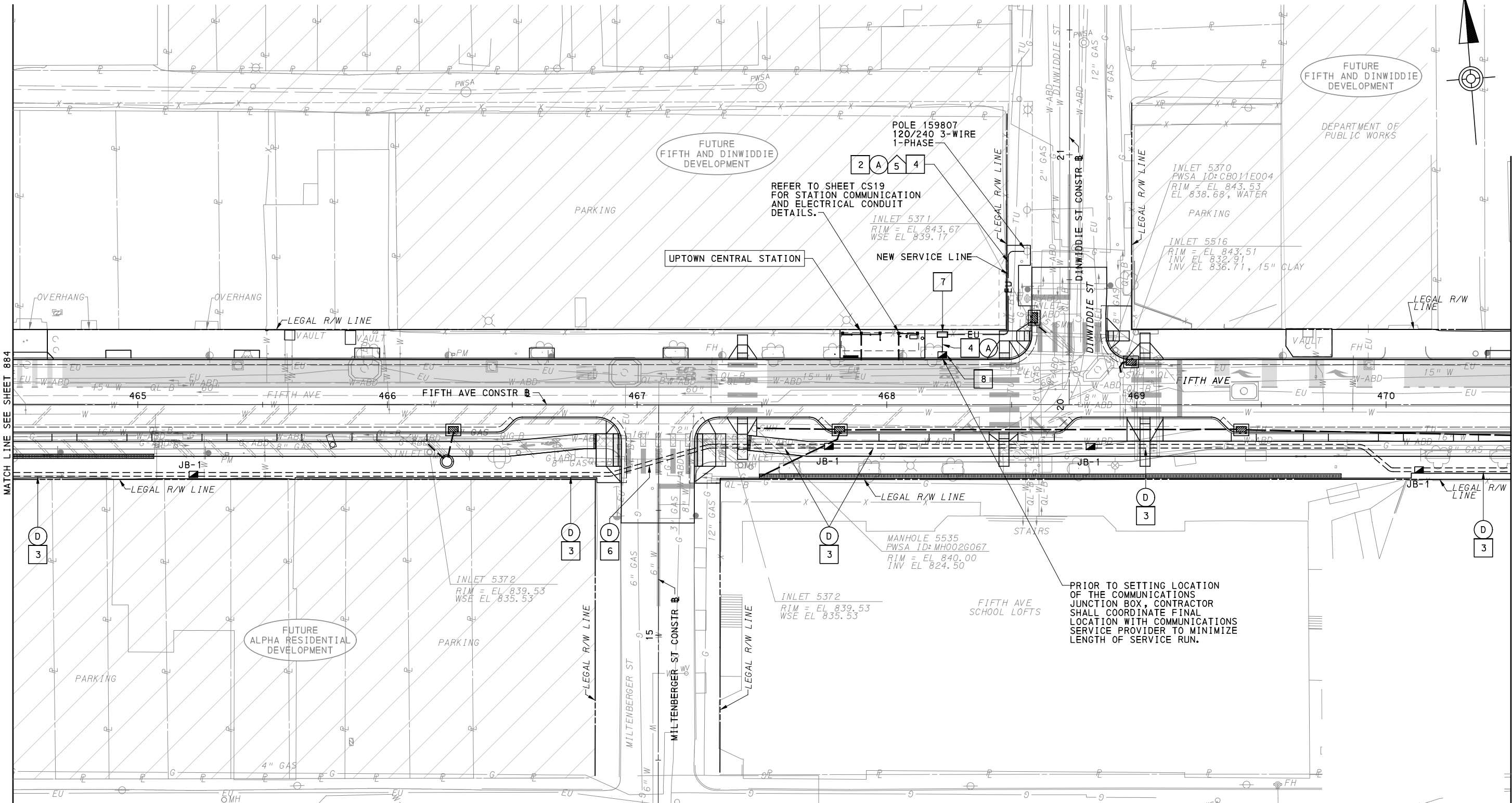
[FOR ROADWAY PLAN SEE SHEET 362]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

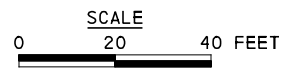
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 458+50 TO STA 464+50

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CONTRACT NO. BRT-001	
DWG. NO. CS32	SHT. 884



MATCH LINE SEE SHEET 904



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(NOT FOR CONSTRUCTION)

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DATE	05/01/24
SCALE	AS SHOWN

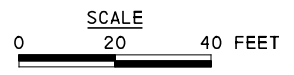
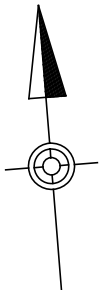
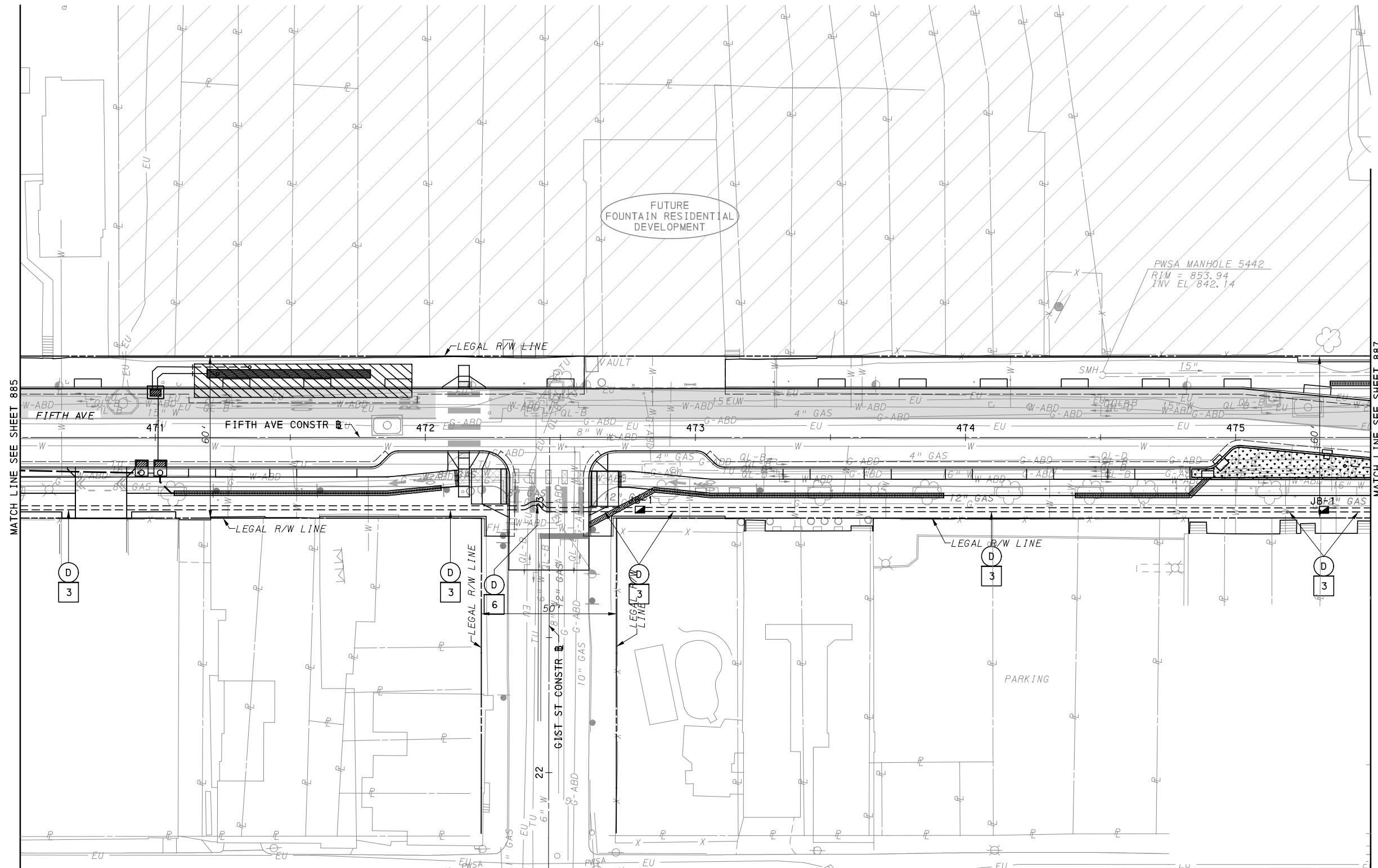
[FOR ROADWAY PLAN SEE SHEET 363]

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
FIFTH AVE - STA 464+50 TO STA 470+50

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DWG. NO. CS33	SHT. 885



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(NOT FOR CONSTRUCTION)

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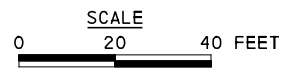
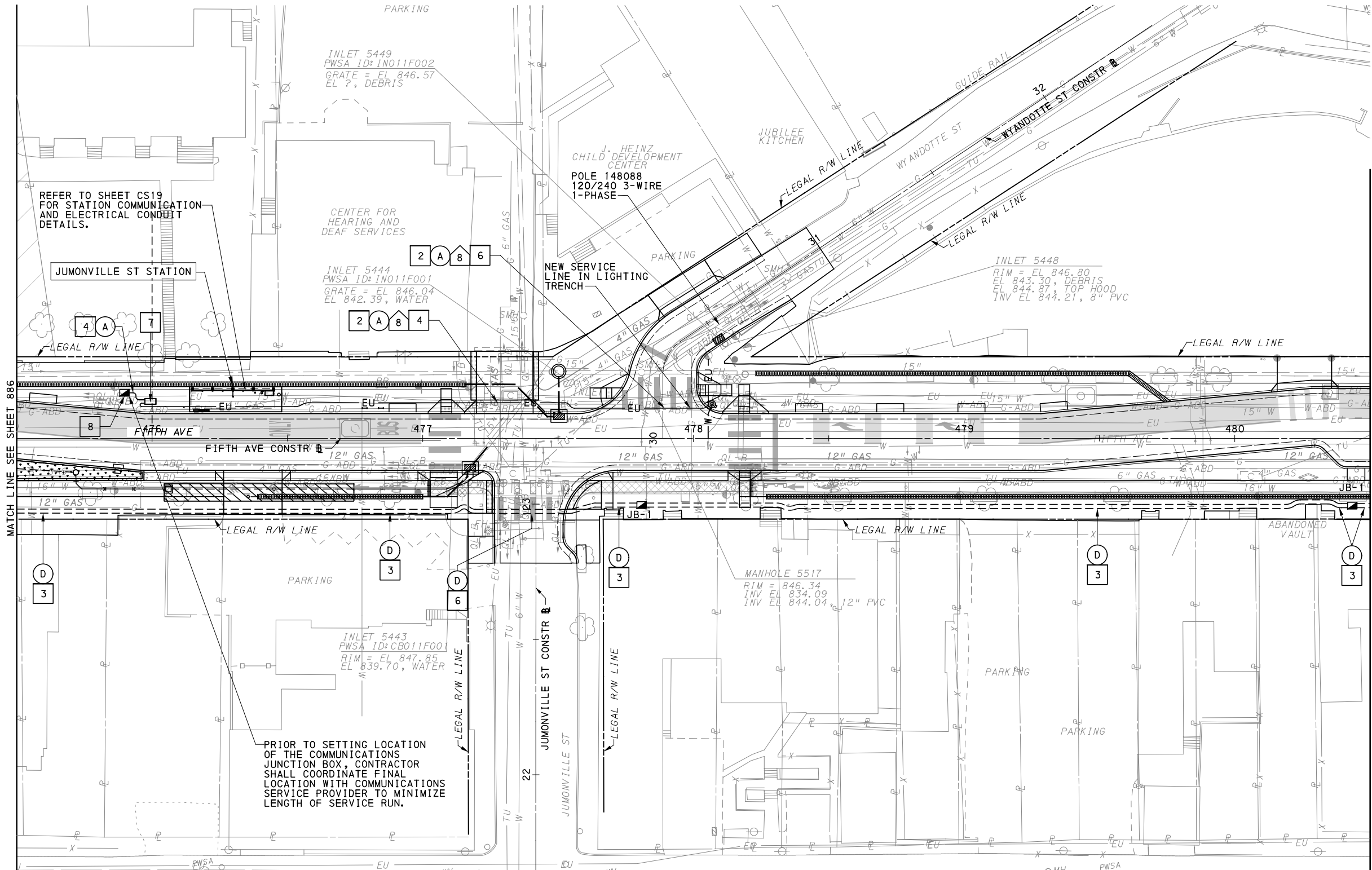
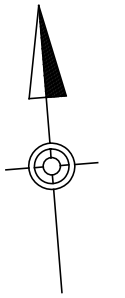
[FOR ROADWAY PLAN SEE SHEET 364]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 470+50 TO STA 475+50

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CONTRACT NO. BRT-001	
DWG. NO. CS34	SHT. 886



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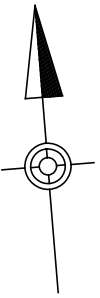
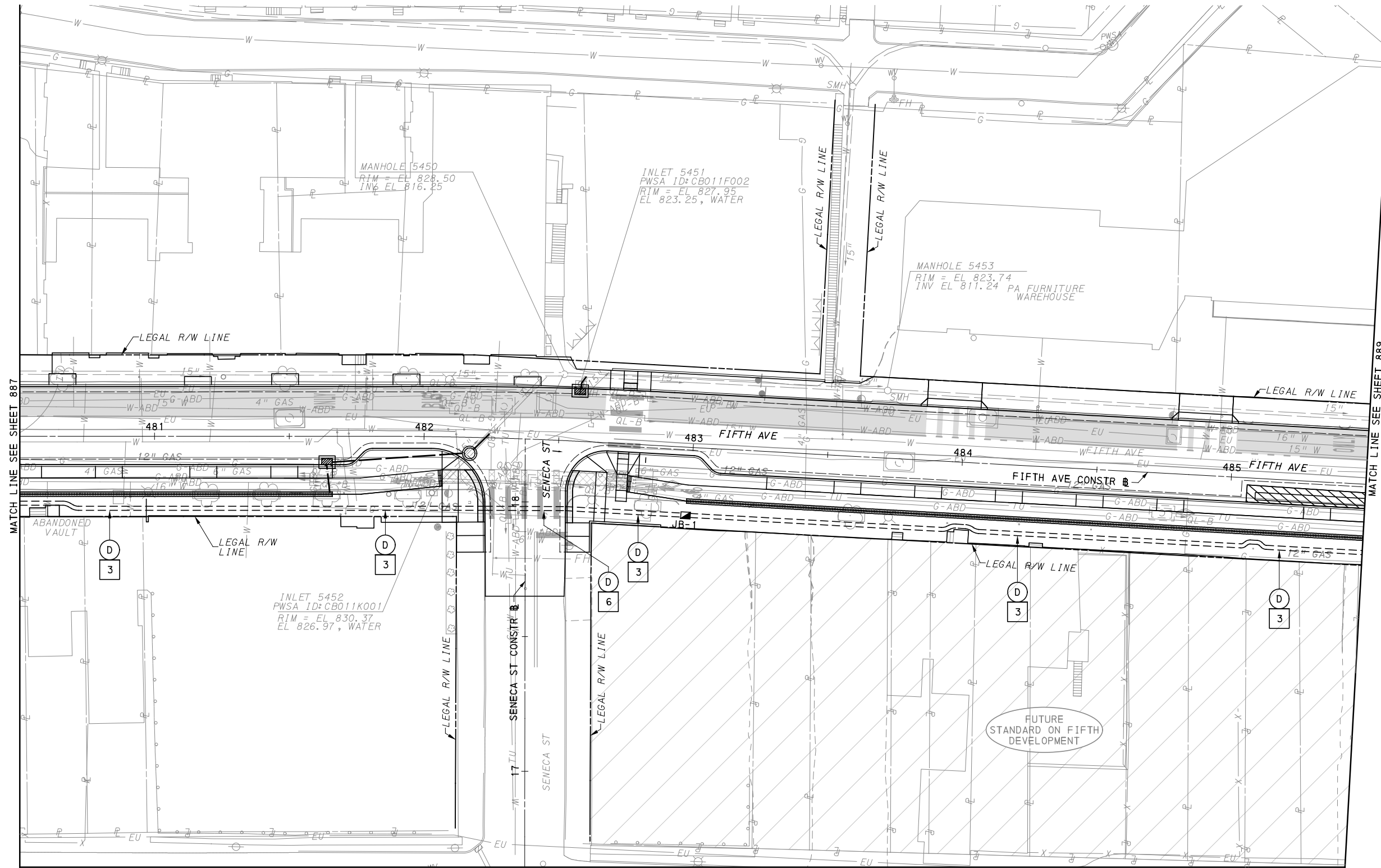
NO.	DATE	DESCRIPTION
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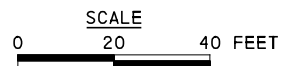
(FOR ROADWAY PLAN SEE SHEET 365)		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 475+50 TO STA 480+50		
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DWG. NO. CS35	SHT. 887	



MATCH LINE SEE SHEET 887

MATCH LINE SEE SHEET 889

MATCH LINE SEE SHEET 908



[FOR ROADWAY PLAN SEE SHEET 366]



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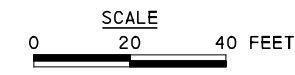
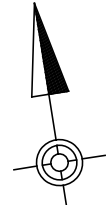
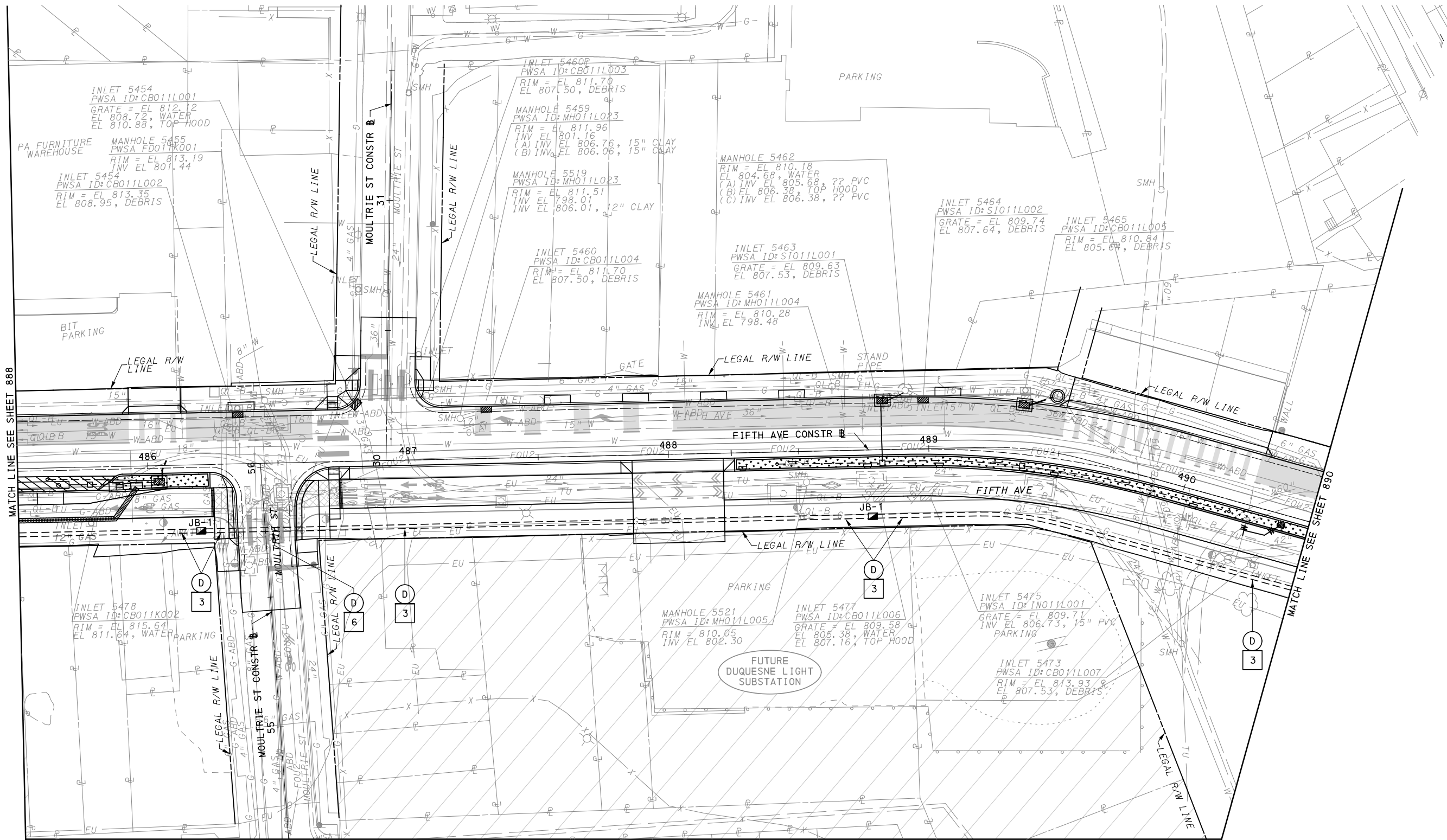
NO.	DATE	DESCRIPTION
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CHECKED	MS
IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 480+50 TO STA 485+50	
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	DWG. NO. CS36 SHT. 888



[FOR ROADWAY PLAN SEE SHEET 367]

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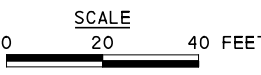
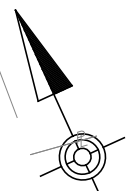
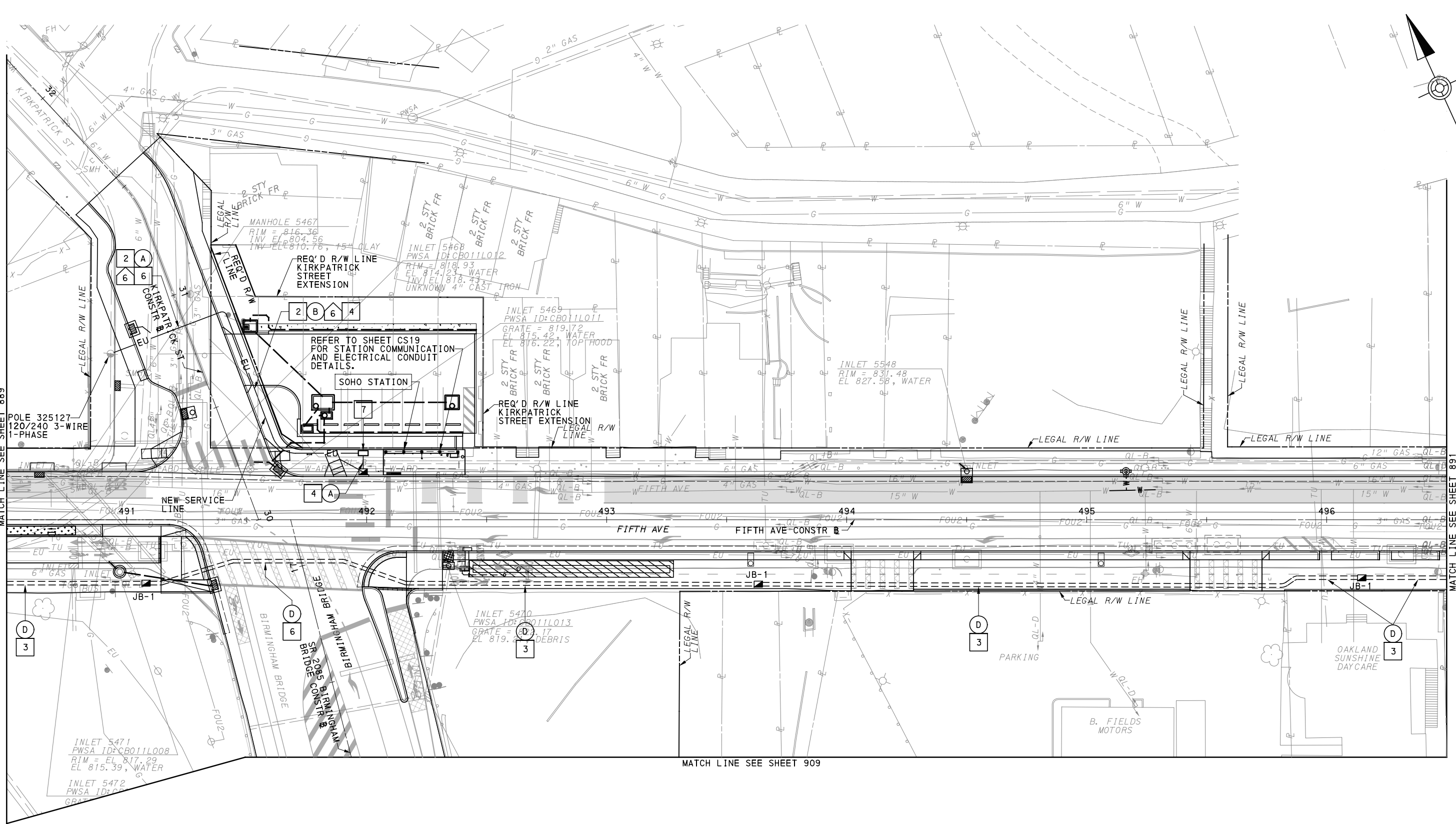
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CHECKED	MS
IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 485+50 TO STA 490+50	
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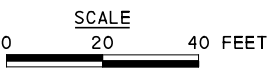
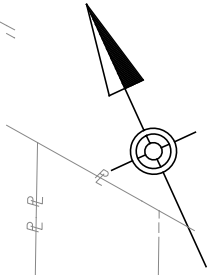
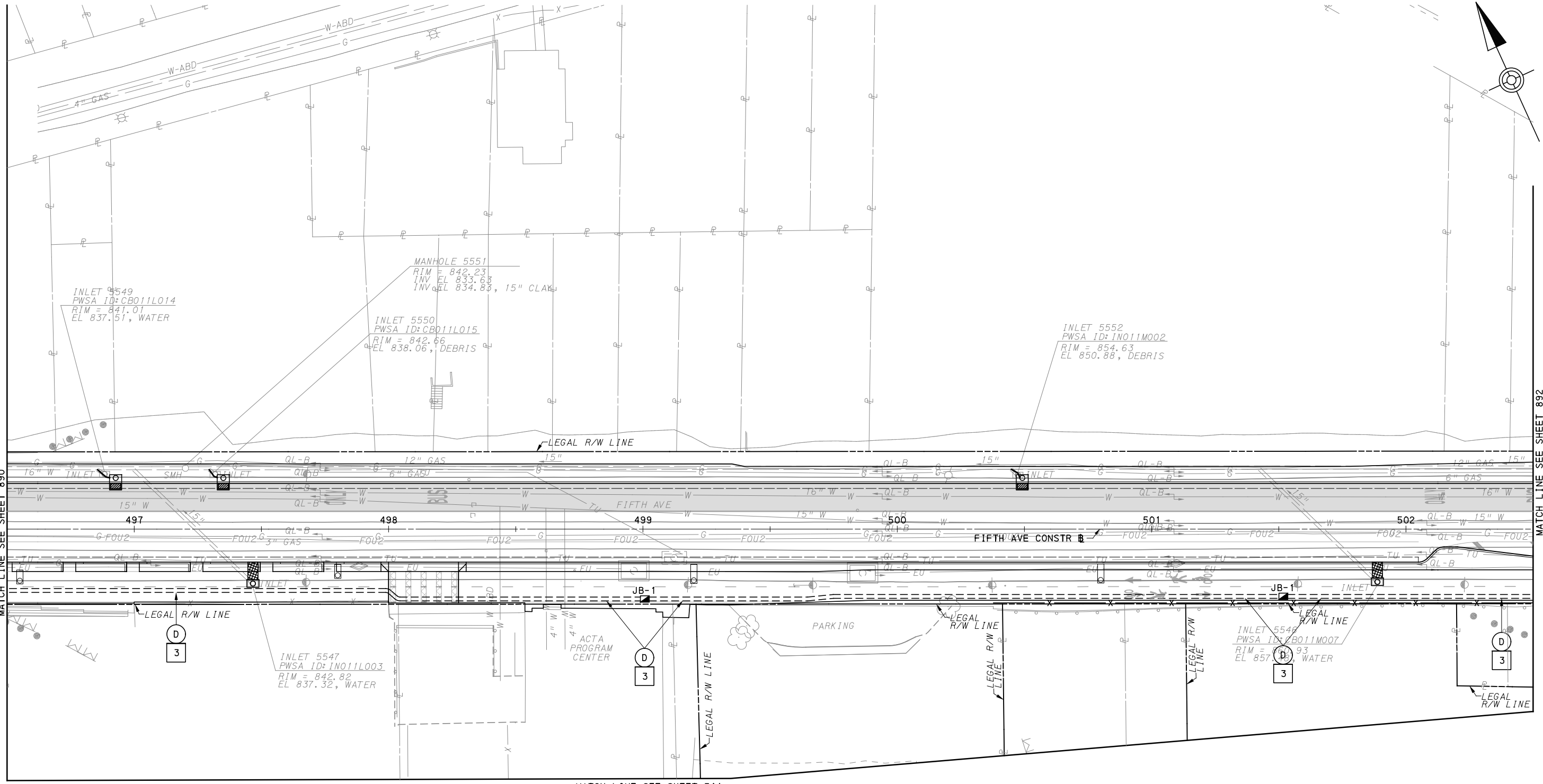
[FOR ROADWAY PLAN SEE SHEET 368]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 490+50 TO STA 496+50

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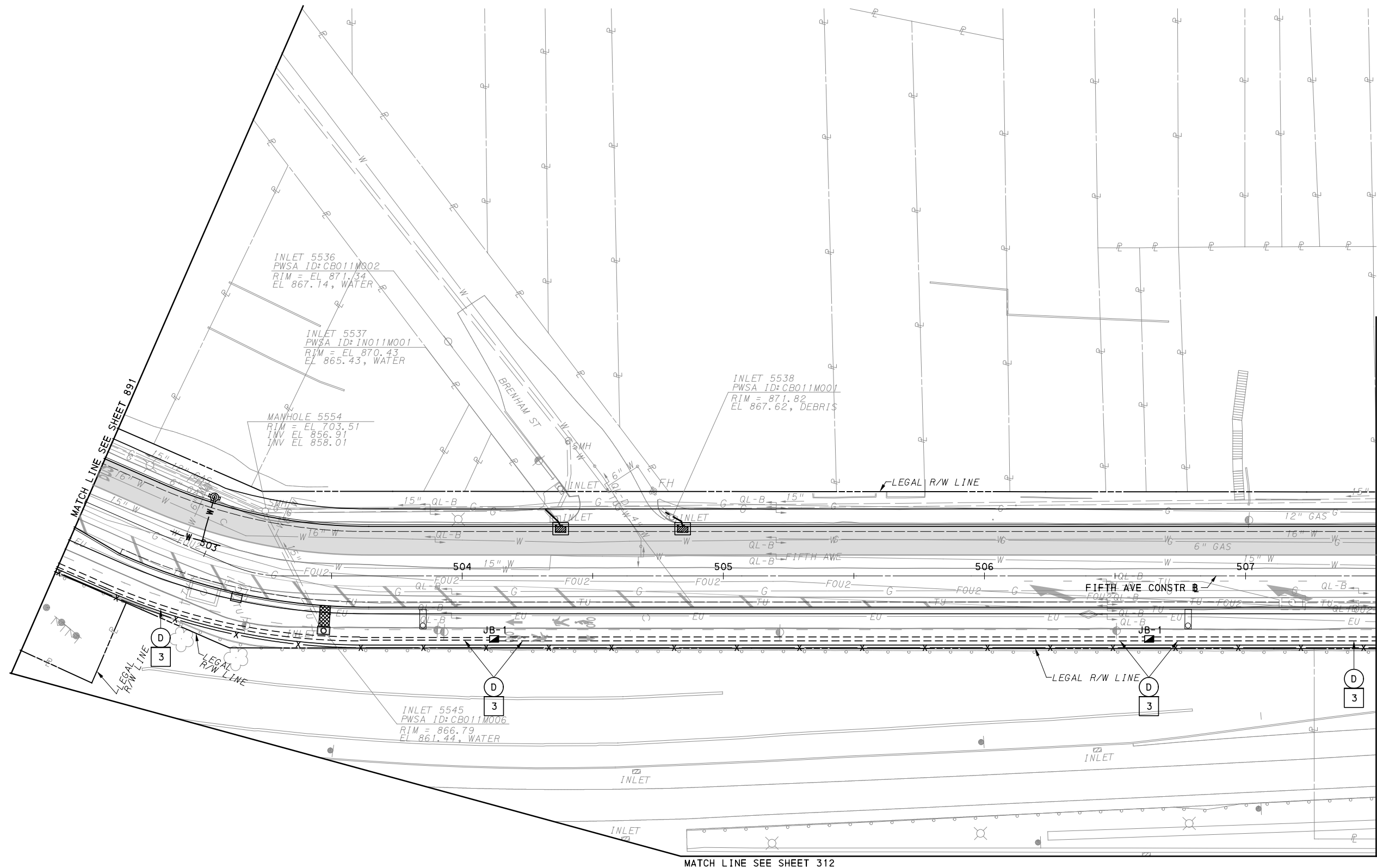
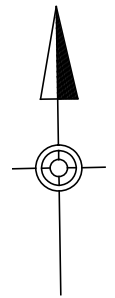
[FOR ROADWAY PLAN SEE SHEET 369]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

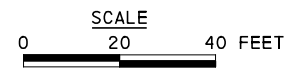
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 496+50 TO STA 502+50

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DWG. NO. CS39	SHT. 891



MATCH LINE SEE SHEET 312



[FOR ROADWAY PLAN SEE SHEET 370]

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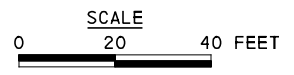
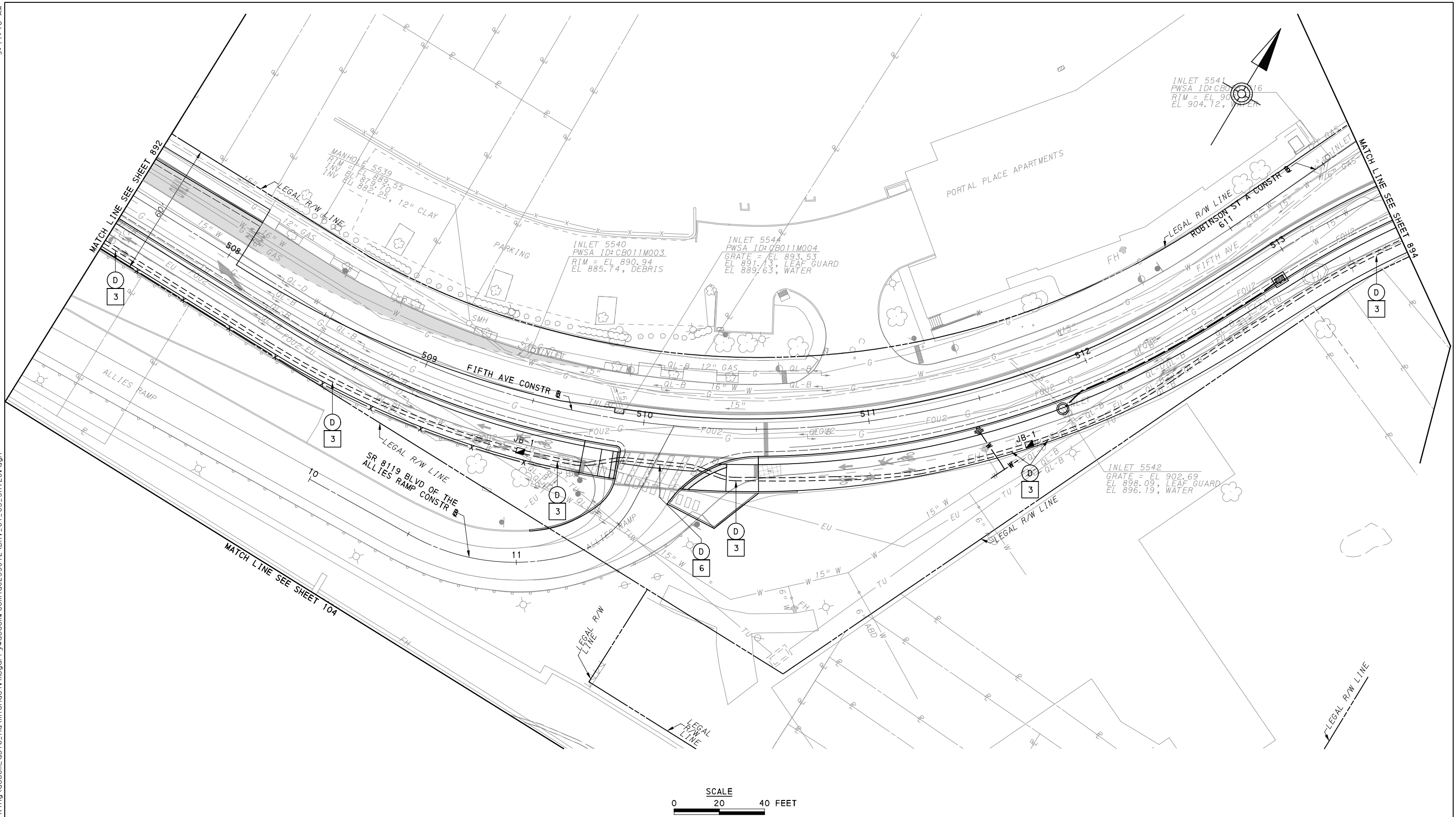
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REVISIONS		

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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 502+50 TO STA 507+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS40 SHT. 892



[FOR ROADWAY PLAN SEE SHEET 371]

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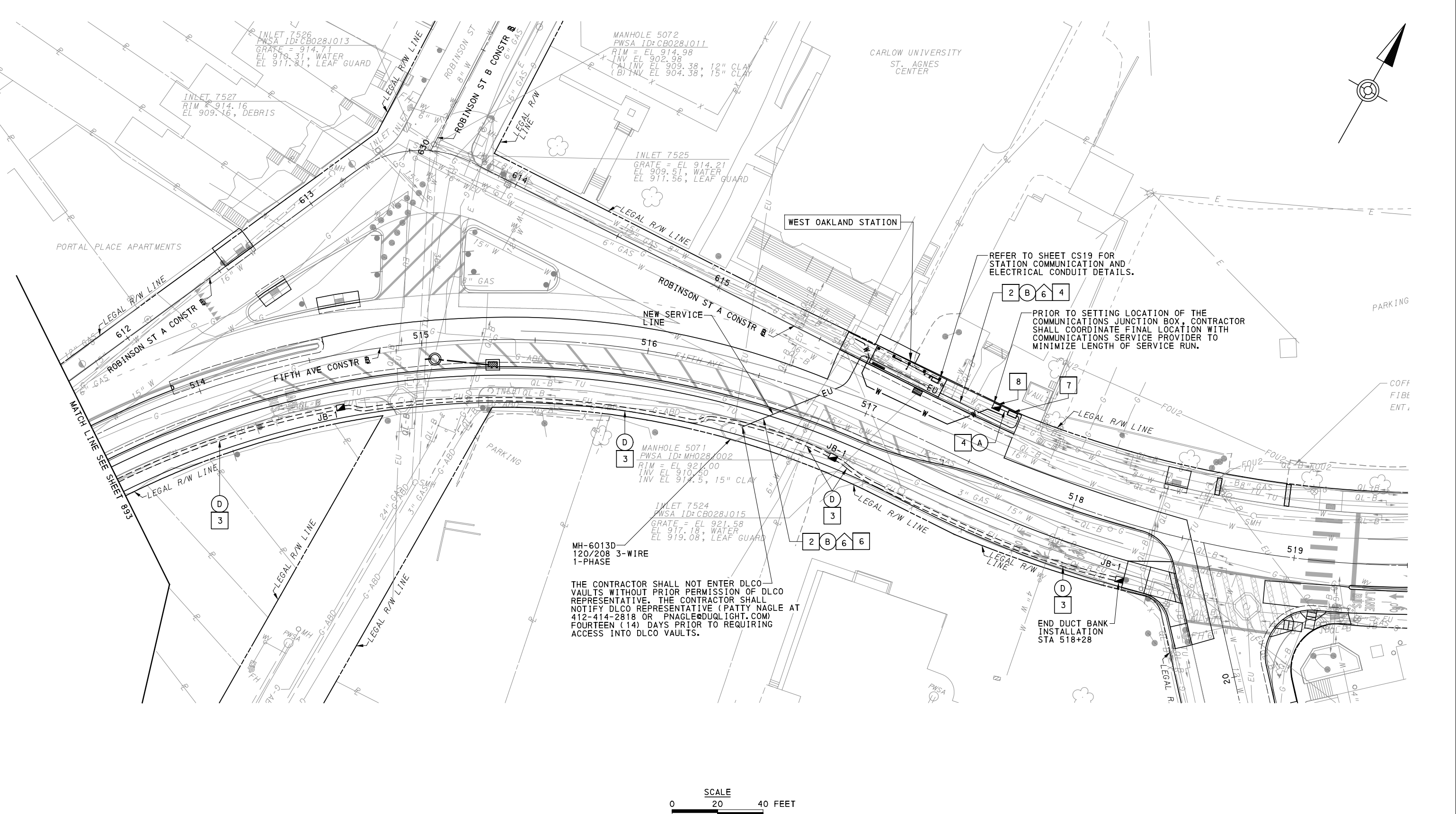
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IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 507+50 TO STA 513+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS41 SHT. 893

PLOTTED: 3/25/2024 9:11:37 AM

OPERATOR: "michael.mcgarry"
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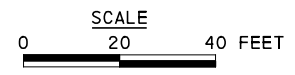
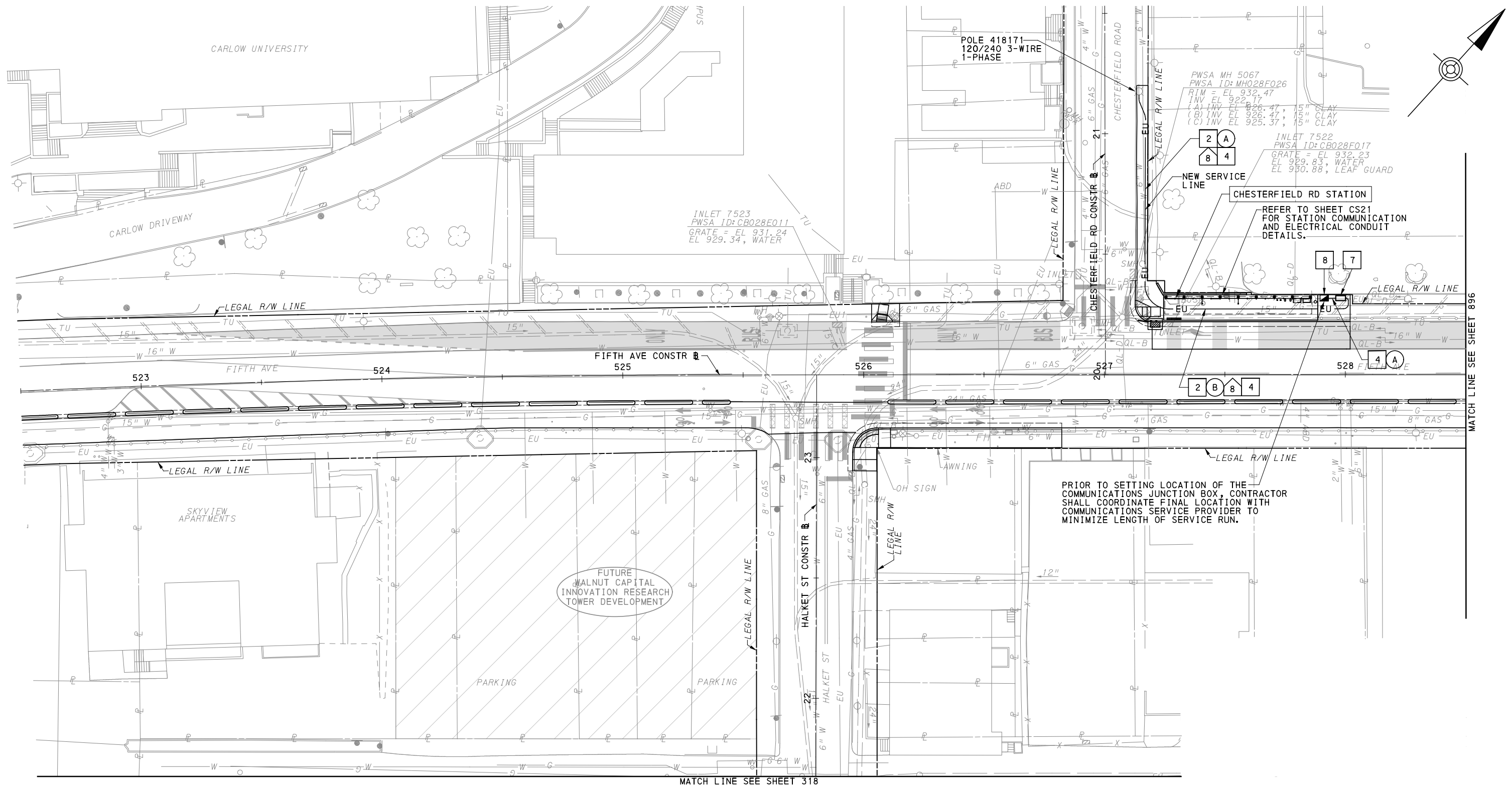
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(FOR ROADWAY PLAN SEE SHEET 372)		
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FIFTH AVE - STA 513+50 TO STA 519+50		
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DWG. NO.	CS42	SHT. 894



[FOR ROADWAY PLAN SEE SHEET 374]

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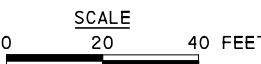
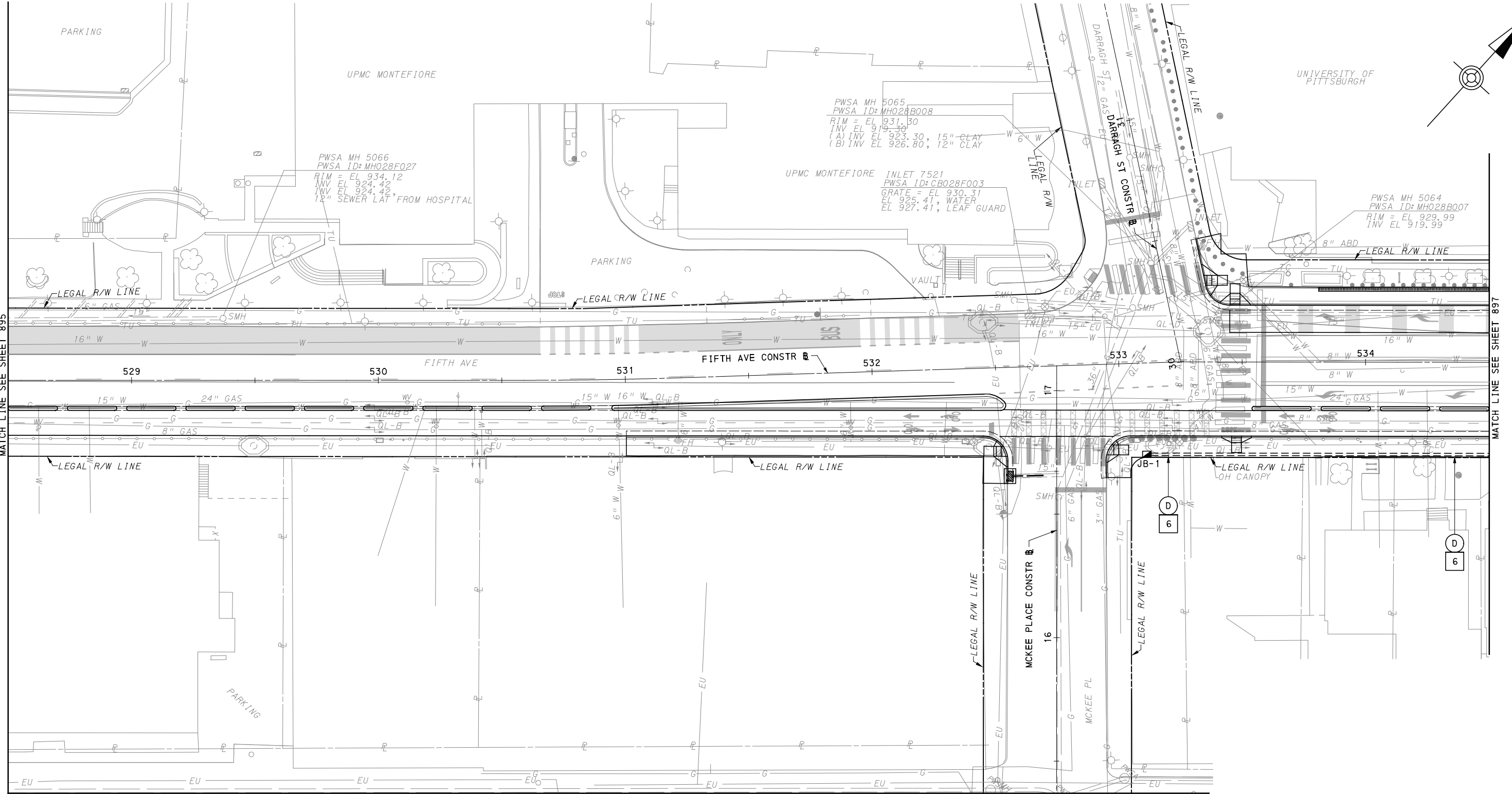
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
FIFTH AVE - STA 522+50 TO STA 528+50

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DWG. NO. CS43 SHT. 895



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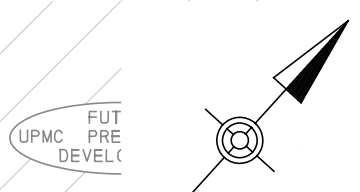
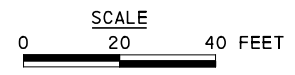
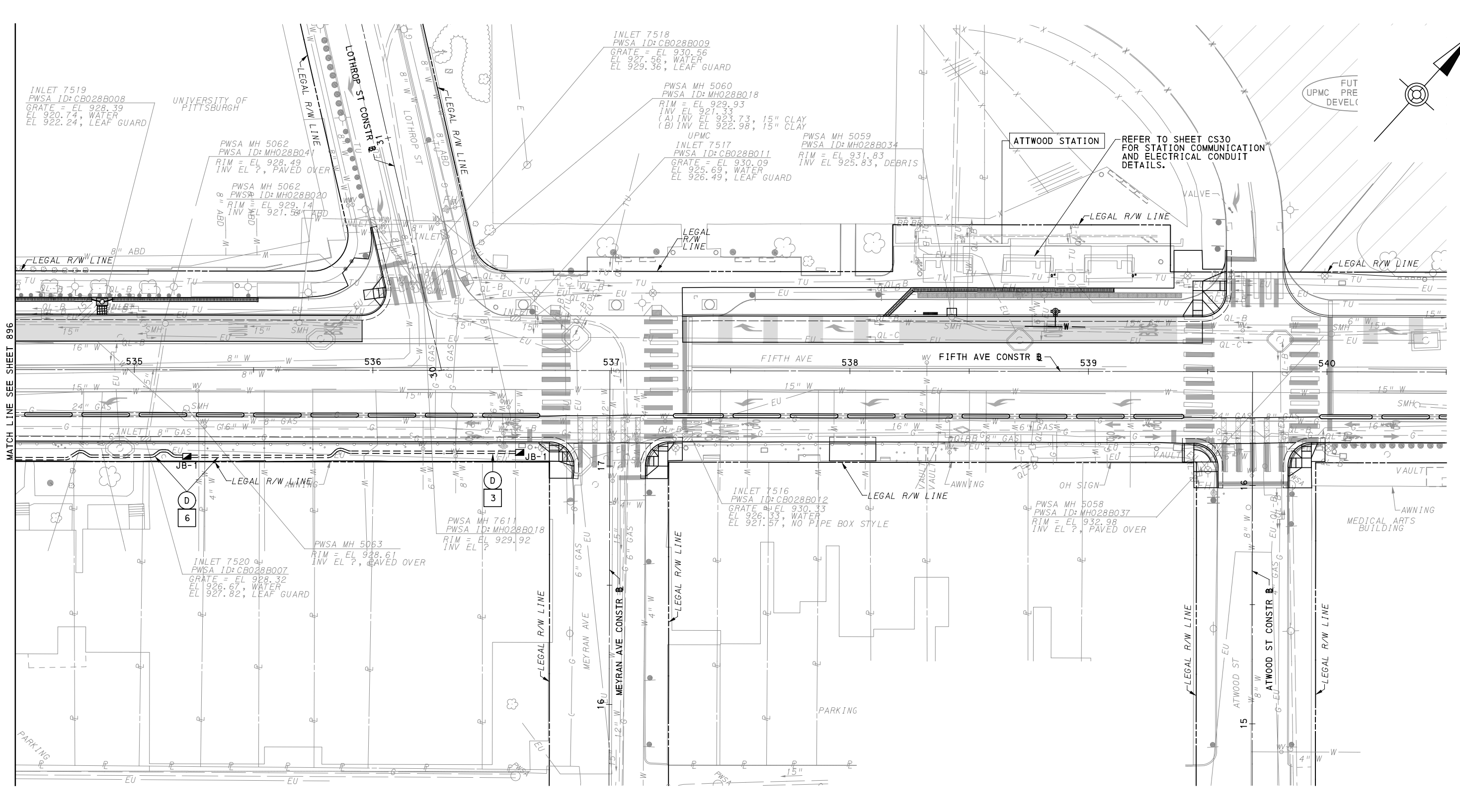
[FOR ROADWAY PLAN SEE SHEET 375]

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 528+50 TO STA 534+50

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CONTRACT NO. BRT-001	
DWG. NO. CS44	SHT. 896



MATCH LINE SEE SHEET 896

FOR ROADWAY PLAN SEE SHEET 376

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(NOT FOR CONSTRUCTION)

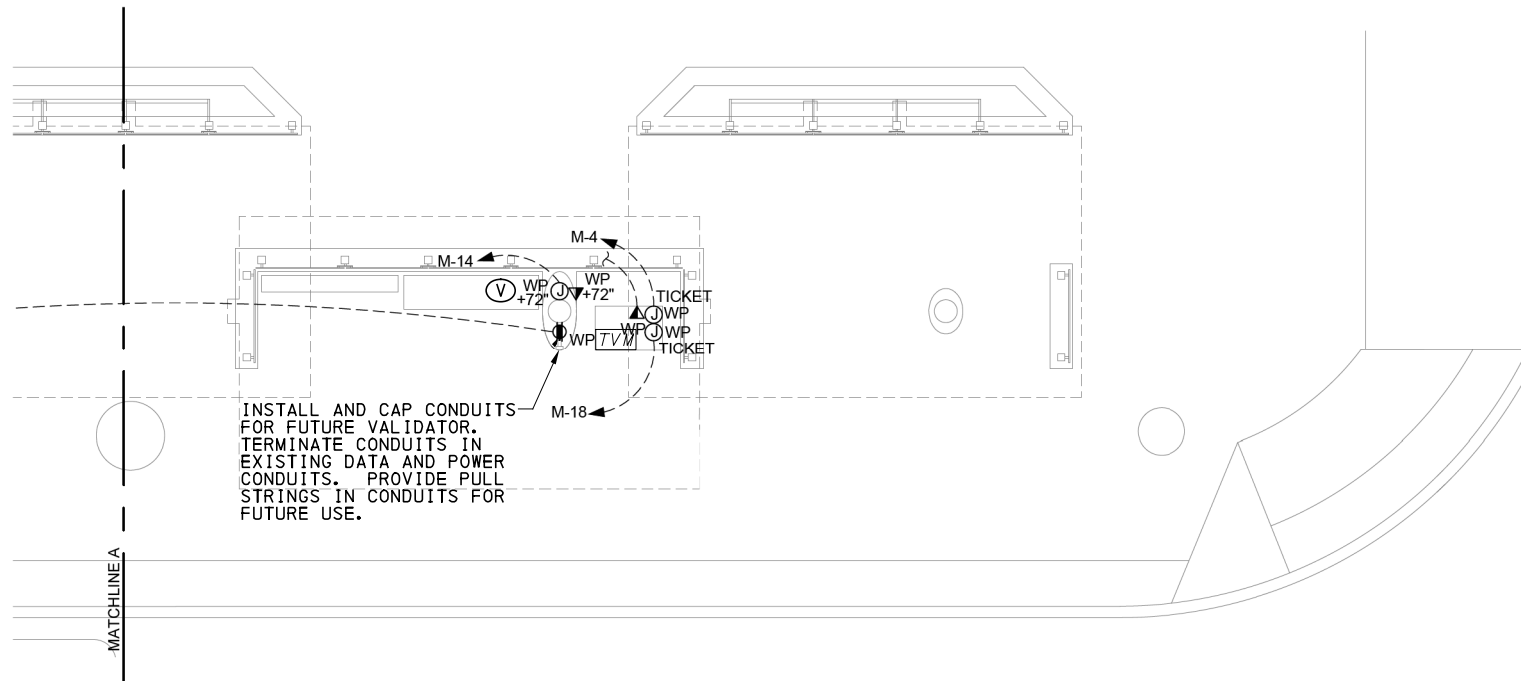
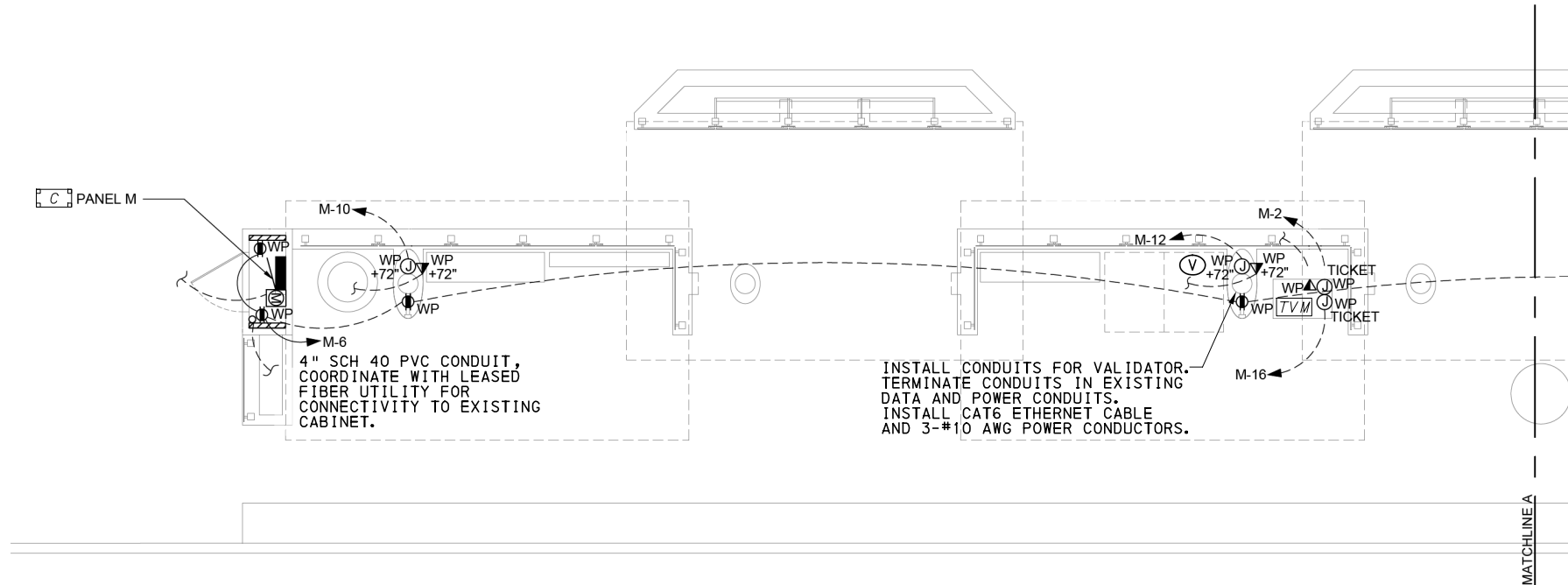
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DRAWN	JMS
CHECKED	MS
IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 534+50 TO STA 540+50

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DWG. NO. CS45	SHT. 897



- LEGEND**
- TVM EXISTING TICKET VENDING MACHINE
 - C EXISTING COMMUNICATIONS CABINET
 - V NEW TICKET VALIDATOR
 - FV FUTURE TICKET VALIDATOR

EXISTING PANEL BOARD SCHEDULE LOCATED IN EXISTING STATION CONTROL CABINET

PANELBOARD M SCHEDULE											
100A MCB 240/120V 1 PHASE 3 WIRE 42 KAIC											
AREA/EQUIPMENT SERVED	LOAD (VA)		BKR TRIP	CKT NO.	CKT NO.	BKR TRIP	LOAD (VA)		AREA/EQUIPMENT SERVED		
	A	B					A	B			
LIGHTING	264		20A-1P	1	2	20A-1P	1500		TICKET MACHINE		
LIGHTING		264	20A-1P	3	4	20A-1P		1500	TICKET MACHINE		
LIGHTING	264		20A-1P	5	6	20A-1P	720		RECEPTACLES		
LIGHTING		264	20A-1P	7	8	20A-1P		100	CONTACTOR / TIMECLOCK		
LIGHTING	284		20A-1P	9	10	20A-1P	1000		FUTURE SIGNAGE		
LIGHTING		264	20A-1P	11	12	20A-1P		1000	FUTURE SIGNAGE		
LIGHTING	100		20A-1P	13	14	20A-1P	1000		FUTURE SIGNAGE		
SPARE			20A-1P	15	16	20A-1P		1500	TICKET MACHINE		
SPARE			20A-1P	17	18	20A-1P	1500		TICKET MACHINE		
SPARE			20A-1P	19	20	20A-1P			SPARE		
SPARE			20A-1P	21	22	20A-1P			SPARE		
SPARE			20A-1P	23	24	20A-1P			SPARE		
SPARE			20A-1P	25	26	20A-1P			SPARE		
SPARE			20A-1P	27	28	20A-1P			SPARE		
SPARE			20A-1P	29	30	20A-1P			SPARE		
SPARE			20A-1P	31	32	20A-1P			SPARE		
SPARE			20A-1P	33	34	20A-1P			SPARE		
SPARE			20A-1P	35	36	20A-1P			SPARE		
BUSSED SPACE				37	38				BUSSED SPACE		
BUSSED SPACE				39	40				BUSSED SPACE		
BUSSED SPACE				41	42				BUSSED SPACE		
TOTAL	892	792					5720	4100	TOTAL		
TOTAL CONNECTED VA:	6612	4892									
TOTAL CONNECTED AMPS:	55.1	40.8									

NOTES: PANEL SHALL BE NEMA 3R
PANEL AND MCB SHALL BE SERVICE ENTRANCE RATED

PANEL AMPS 47.9

CENTRAL OAKLAND - ATWOOD STATION
NOT TO SCALE



NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

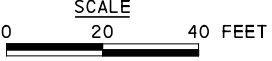
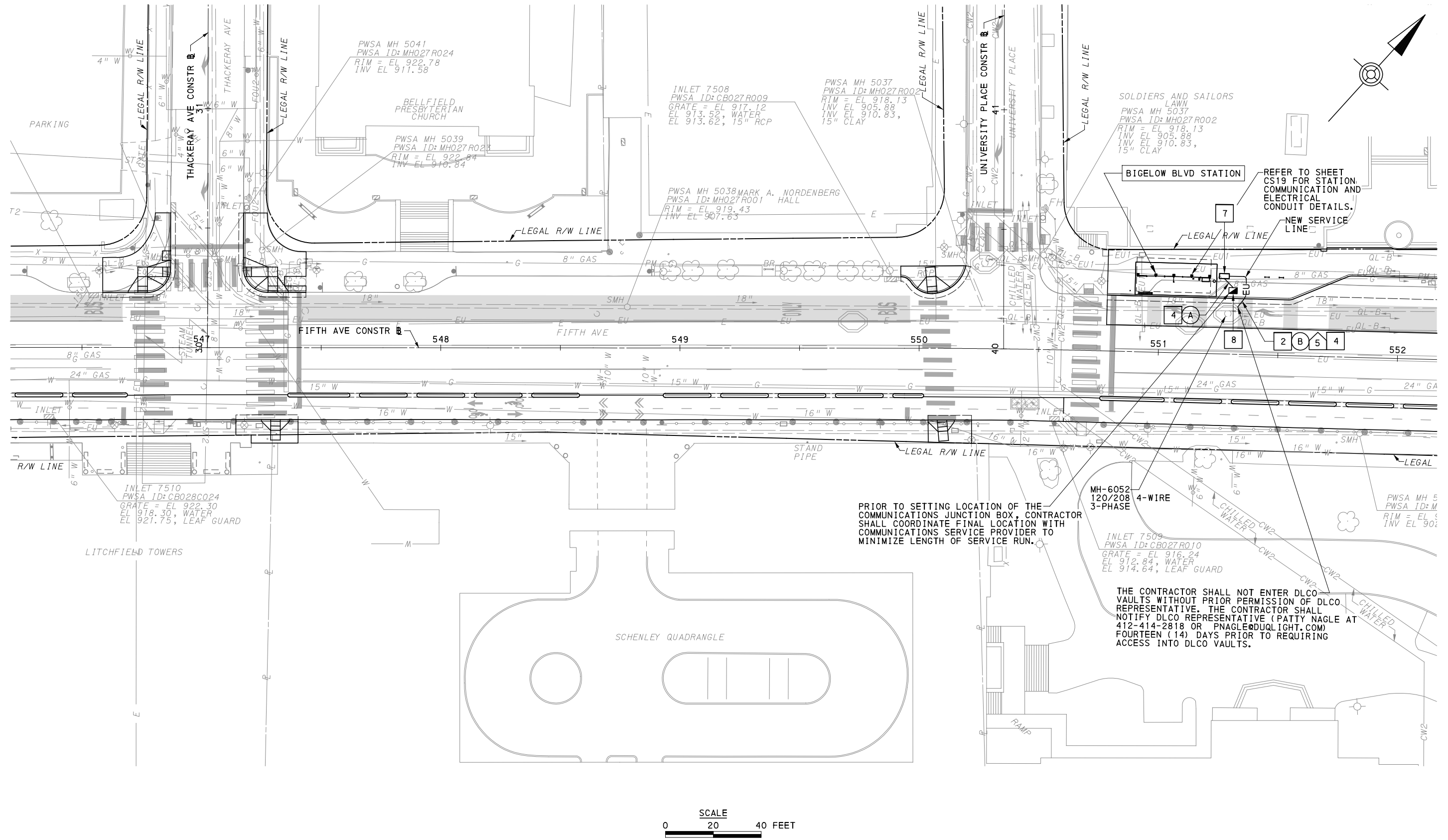
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IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
EXISTING ATWOOD STATION

Port Authority connecting people to life

CONTRACT NO. BRT-001
DWG. NO. CS46 SHT. 898



PRIOR TO SETTING LOCATION OF THE COMMUNICATIONS JUNCTION BOX, CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH COMMUNICATIONS SERVICE PROVIDER TO MINIMIZE LENGTH OF SERVICE RUN.

THE CONTRACTOR SHALL NOT ENTER DLCO VAULTS WITHOUT PRIOR PERMISSION OF DLCO REPRESENTATIVE. THE CONTRACTOR SHALL NOTIFY DLCO REPRESENTATIVE (PATTY NAGLE AT 412-414-2818 OR PNAGLE@DUQLIGHT.COM) FOURTEEN (14) DAYS PRIOR TO REQUIRING ACCESS INTO DLCO VAULTS.

[FOR ROADWAY PLAN SEE SHEET 378]

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 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

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(NOT FOR CONSTRUCTION)

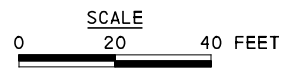
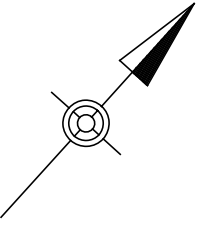
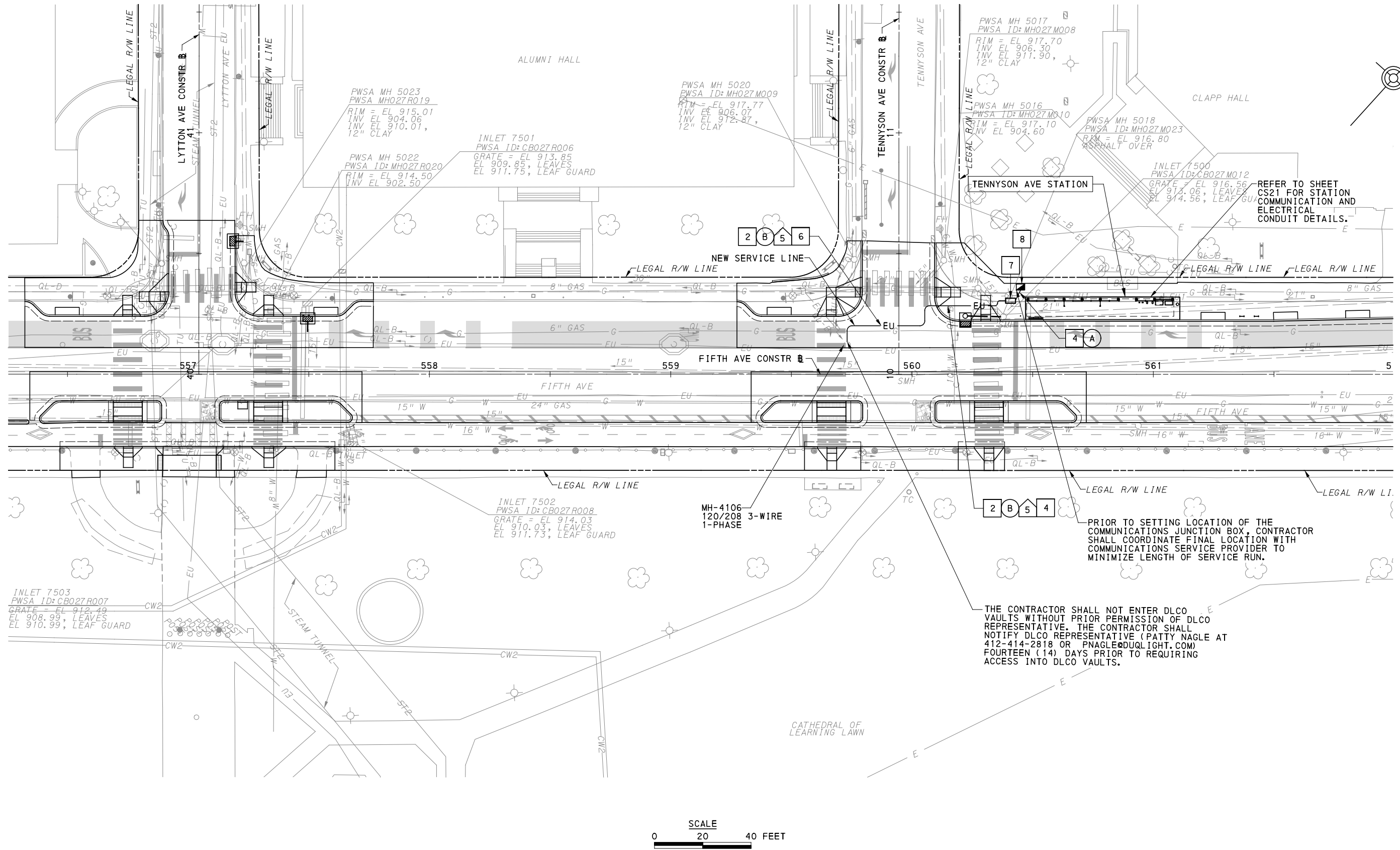
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 545+50 TO STA 551+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. CS47 SHT. 899



[FOR ROADWAY PLAN SEE SHEET 380]

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IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

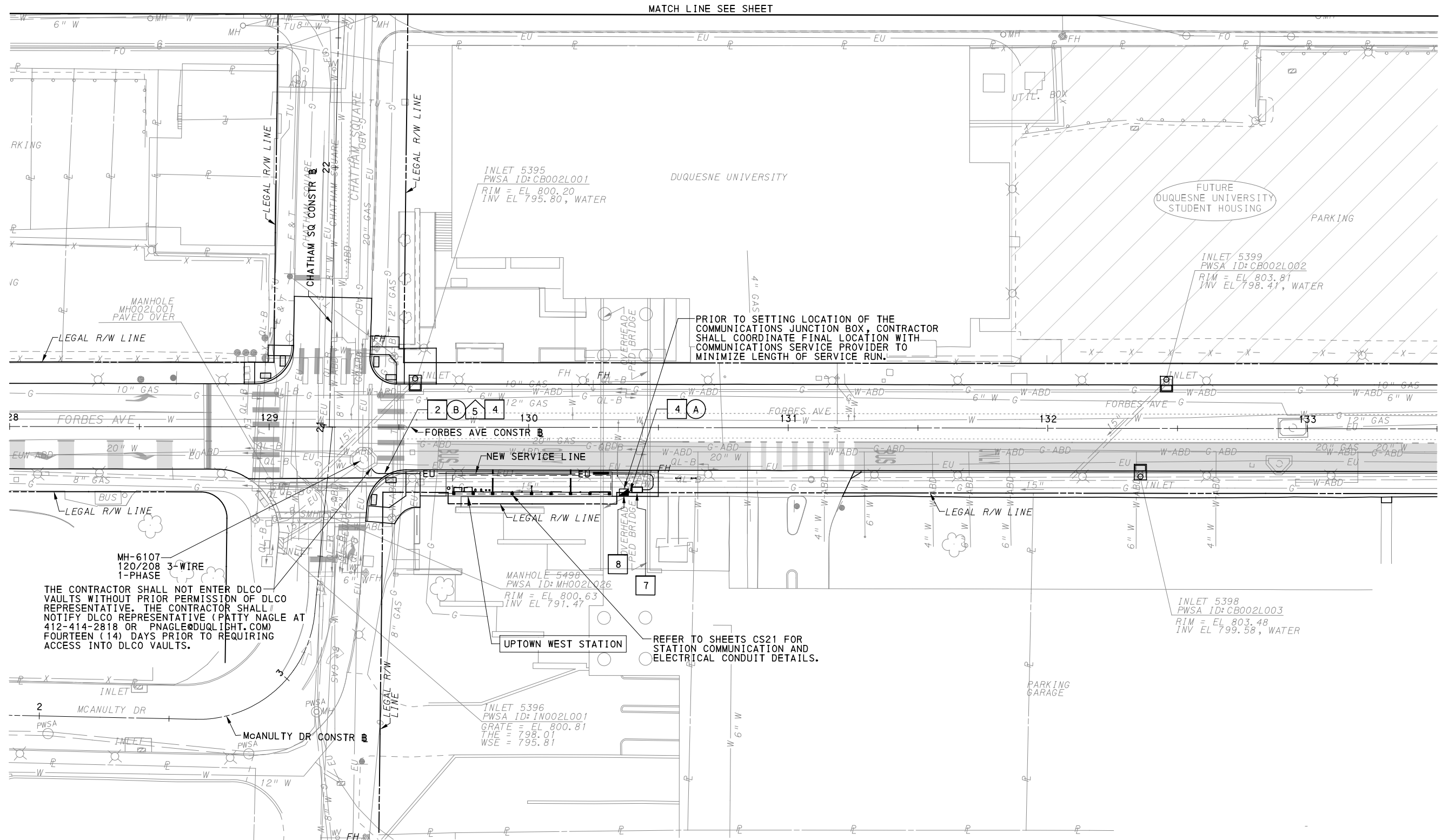
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FIFTH AVE - STA 555+50 TO STA 561+50

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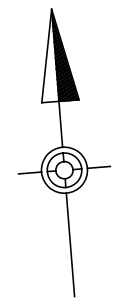
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DWG. NO. CS48	SHT. 900

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MATCH LINE SEE SHEET

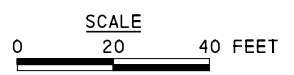


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PRIOR TO SETTING LOCATION OF THE COMMUNICATIONS JUNCTION BOX, CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH COMMUNICATIONS SERVICE PROVIDER TO MINIMIZE LENGTH OF SERVICE RUN.

REFER TO SHEETS CS21 FOR STATION COMMUNICATION AND ELECTRICAL CONDUIT DETAILS.



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(NOT FOR CONSTRUCTION)

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IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

[FOR ROADWAY PLAN SEE SHEET 384]

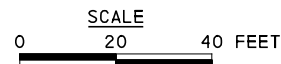
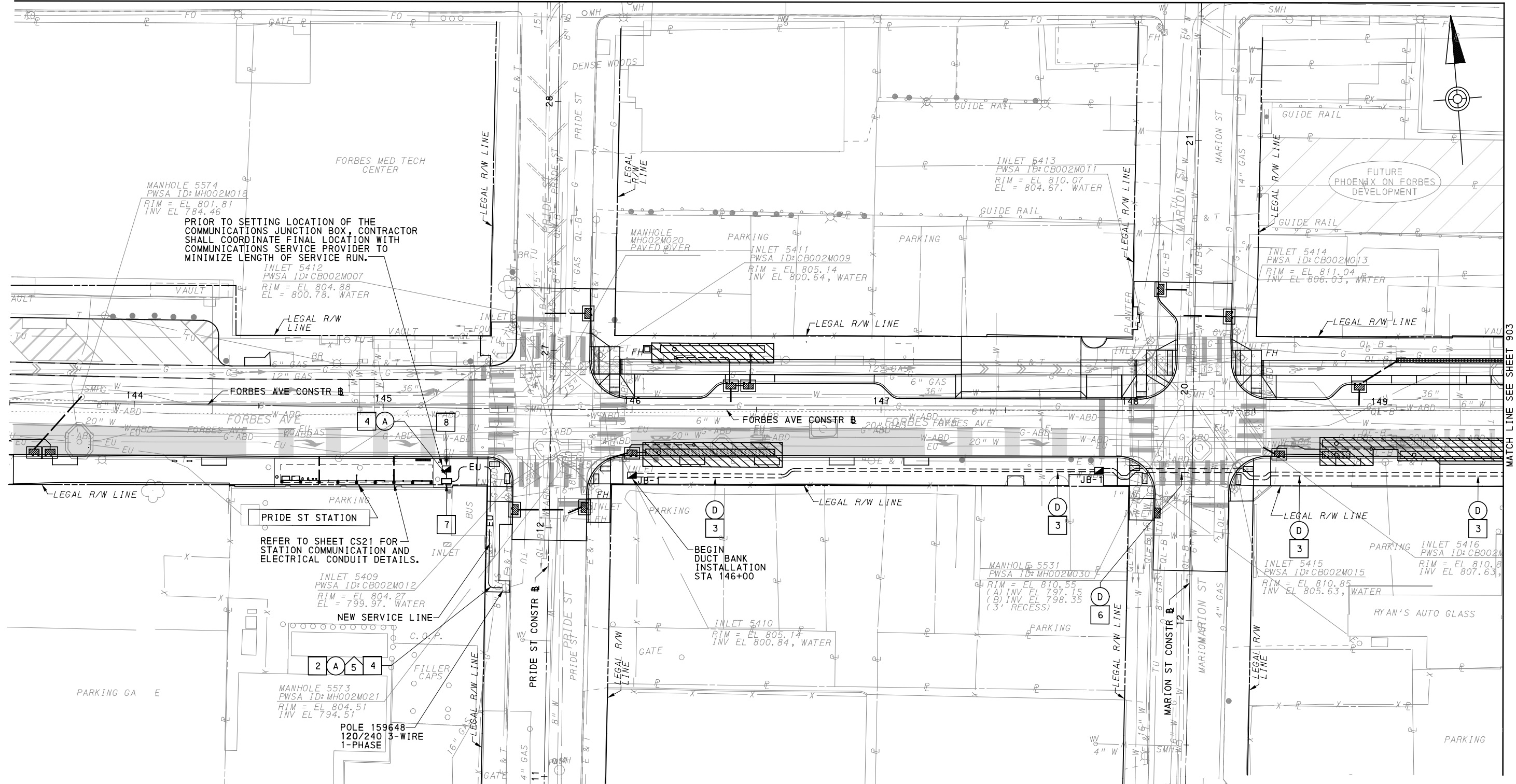
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
FORBES AVE - STA 128+00 TO STA 133+50

Port Authority
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CONTRACT NO. BRT-001	
DWG. NO. CS49	SHT. 901

MATCH LINE SEE SHEET 883



FOR ROADWAY PLAN SEE SHEET 387



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Pittsburgh, PA 15219

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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

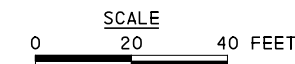
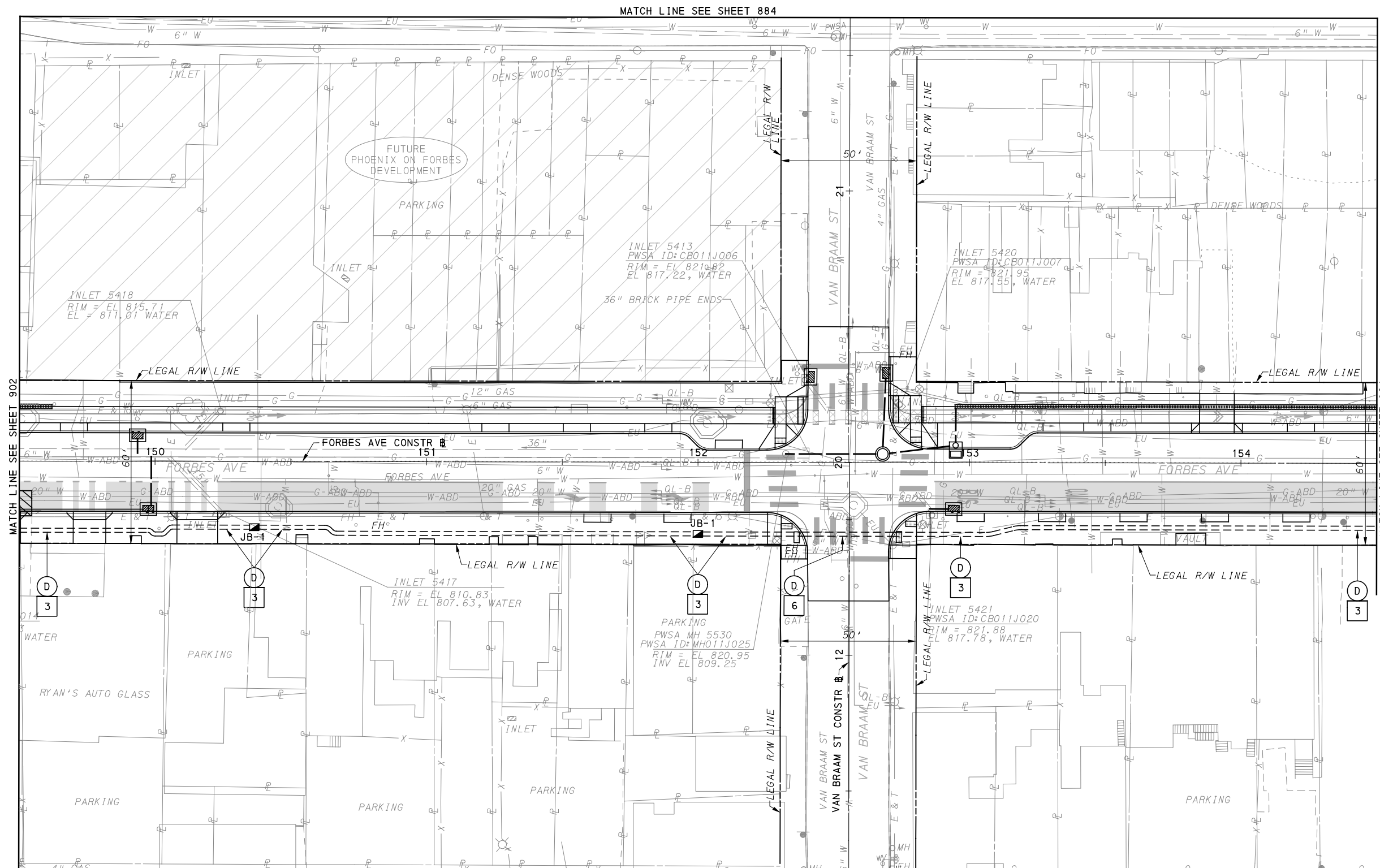
BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
FORBES AVE - STA 143+50 TO STA 149+50

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CONTRACT NO. BRT-001

DWG. NO. CS50

SHT. 902



(FOR ROADWAY PLAN SEE SHEET 388)



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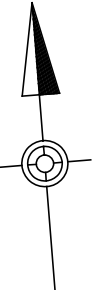
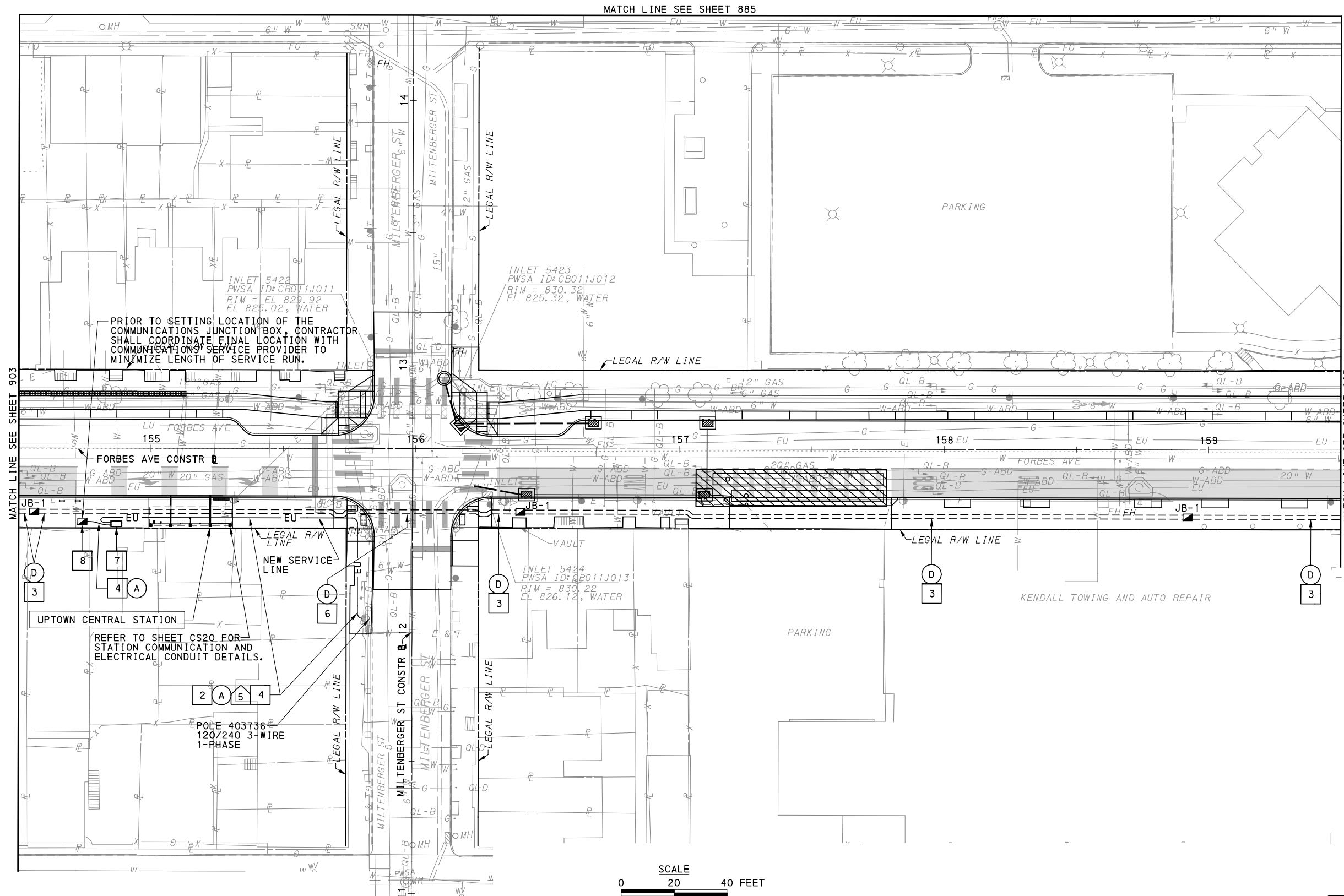
NO.	DATE	DESCRIPTION
REVISIONS		

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IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FORBES AVE - STA 149+50 TO STA 154+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS51 SHT. 903



(FOR ROADWAY PLAN SEE SHEET 389)

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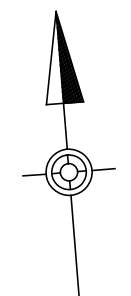
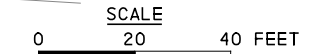
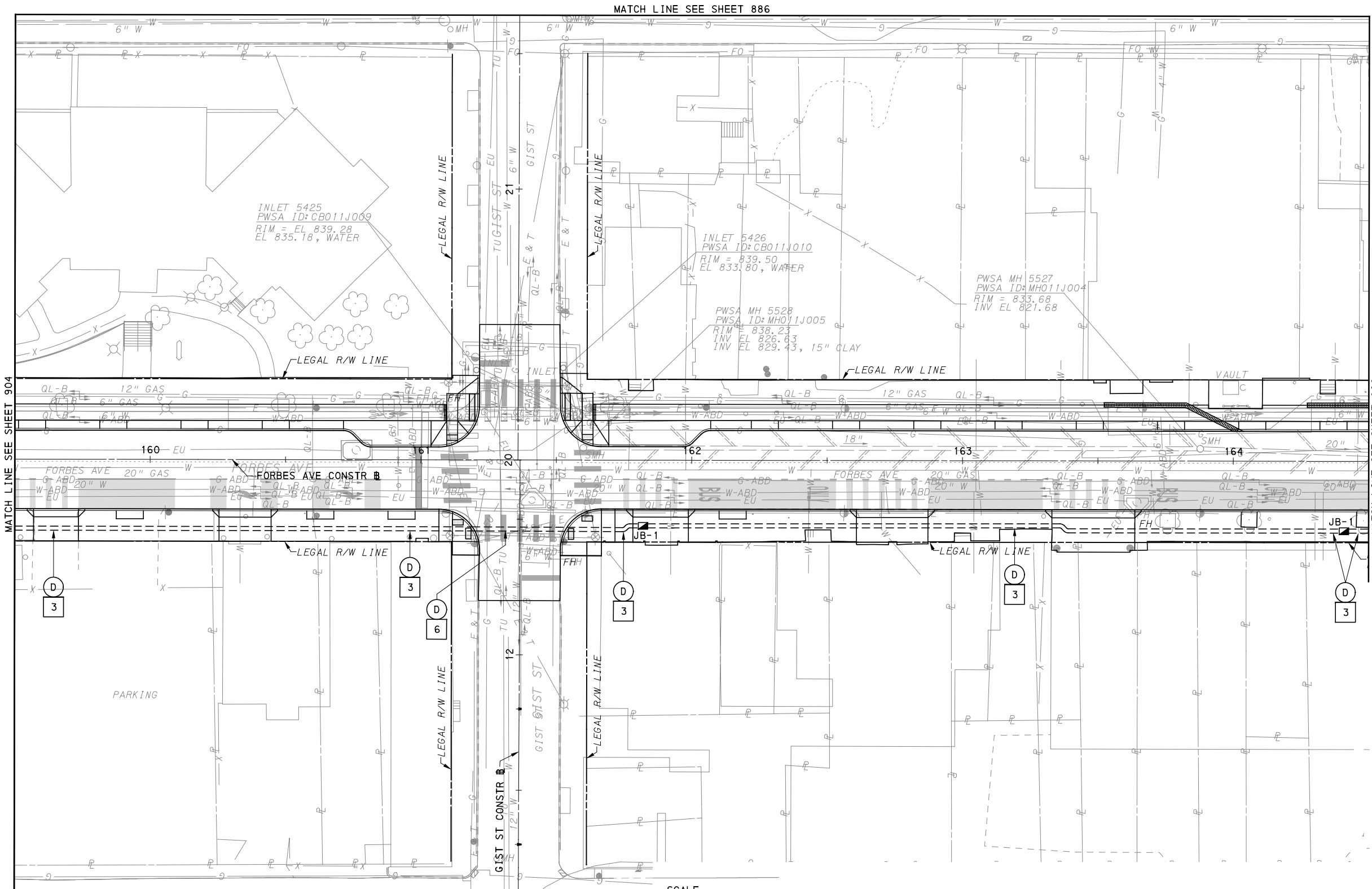
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FORBES AVE - STA 154+50 TO STA 159+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. CS52 SHT. 904



(FOR ROADWAY PLAN SEE SHEET 390)

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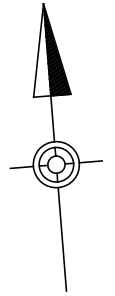
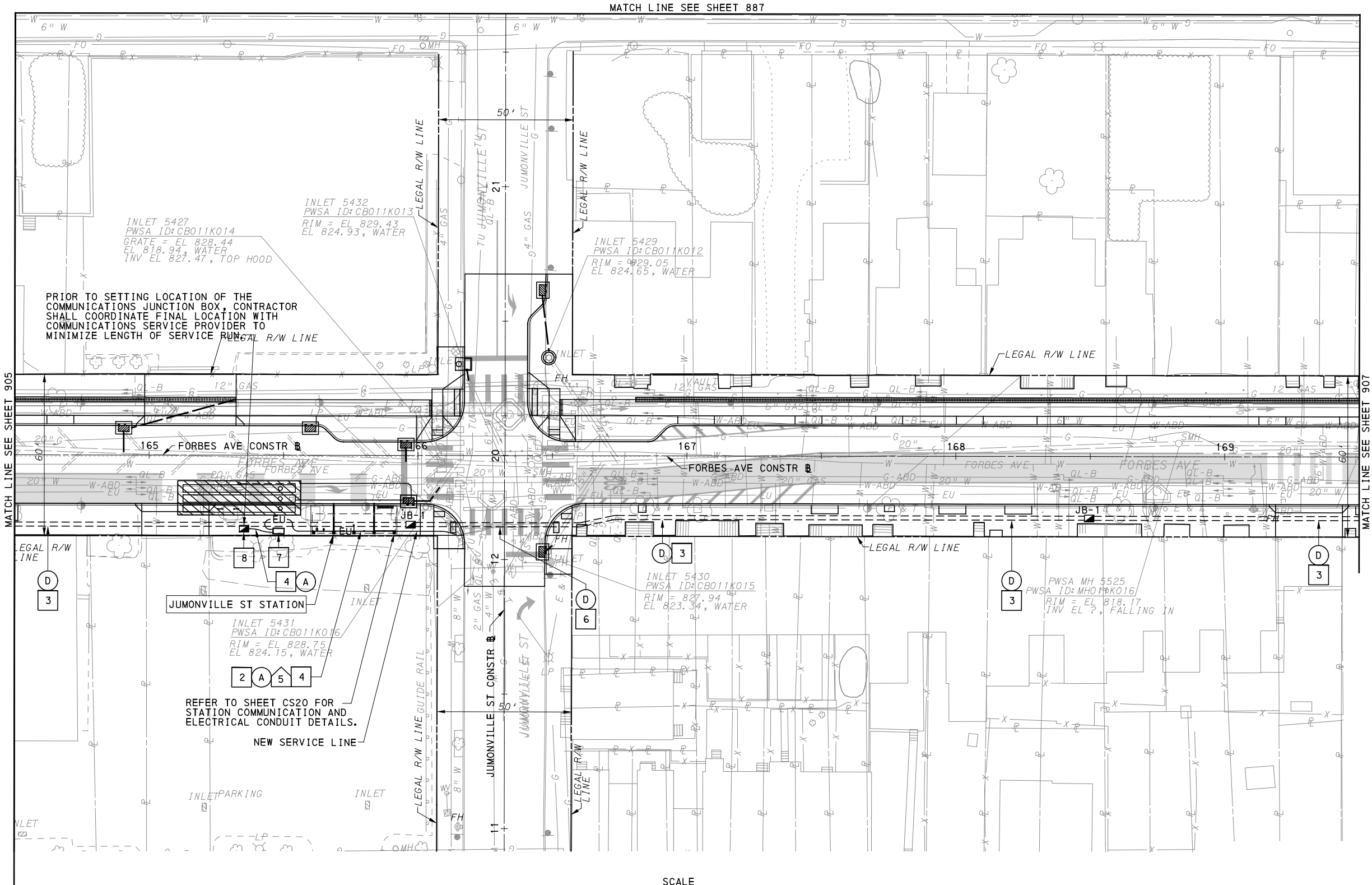
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FORBES AVE - STA 159+50 TO STA 164+50

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CONTRACT NO. BRT-001	
DWG. NO. CS53	SHT. 905



FOR ROADWAY PLAN SEE SHEET 391

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Pittsburgh, PA 15219

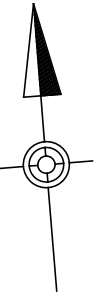
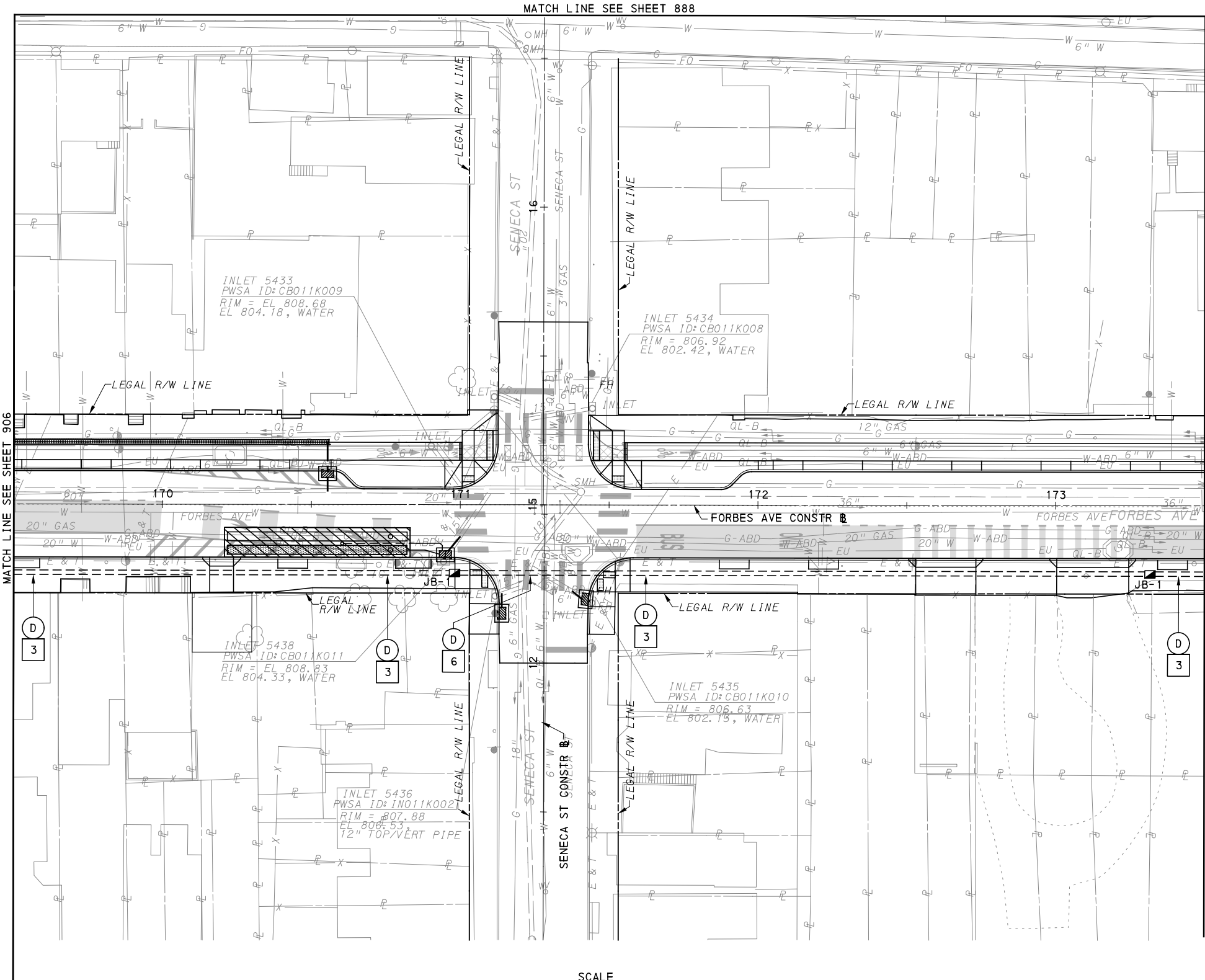
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FORBES AVE - STA 164+50 TO STA 169+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS54 SHT. 906



[FOR ROADWAY PLAN SEE SHEET 392]



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Pittsburgh, PA 15219

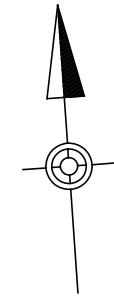
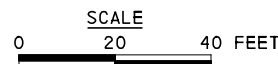
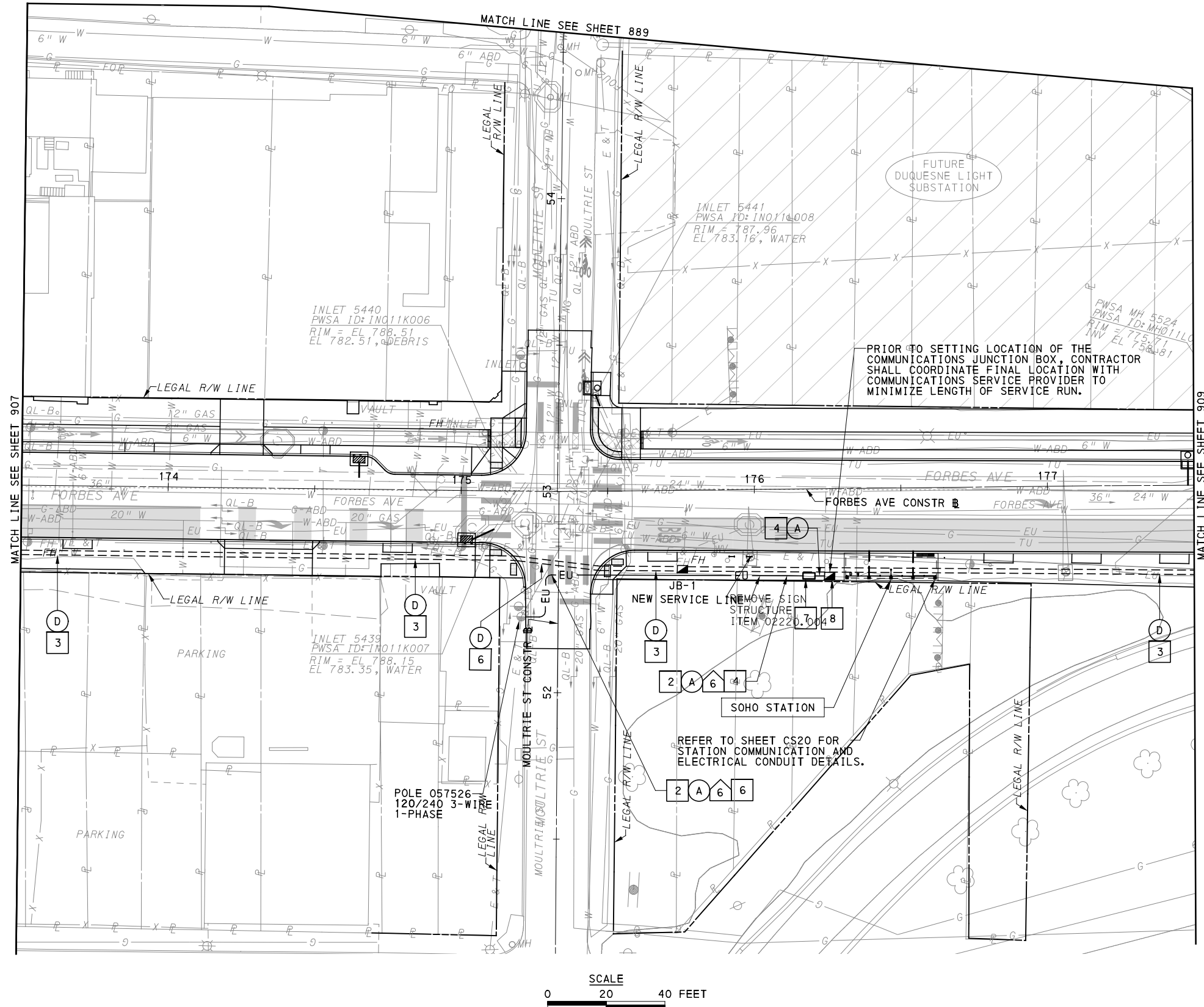
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FORBES AVE - STA 169+50 TO STA 173+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. CS55 SHT. 907



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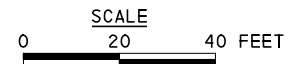
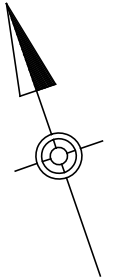
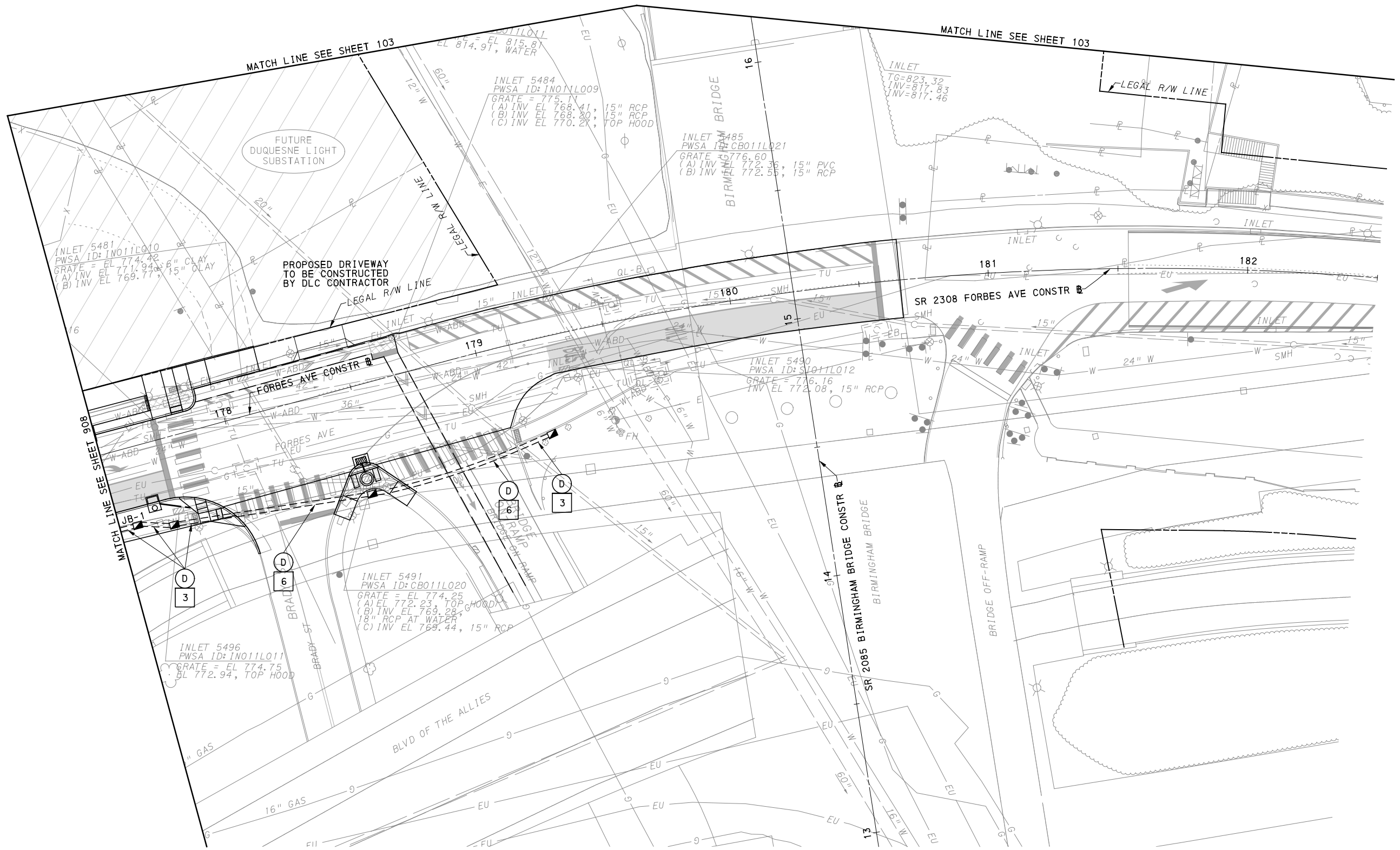
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IN CHARGE	STS
DATE	05/01/24
SCALE	AS SHOWN

(FOR ROADWAY PLAN SEE SHEET 393)

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
FORBES AVE - STA 173+50 TO STA 177+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. CS56 SHT. 908



[FOR ROADWAY PLAN SEE SHEET 394]



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 5th Floor
 Pittsburgh, PA 15219

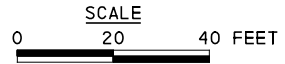
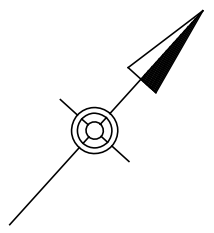
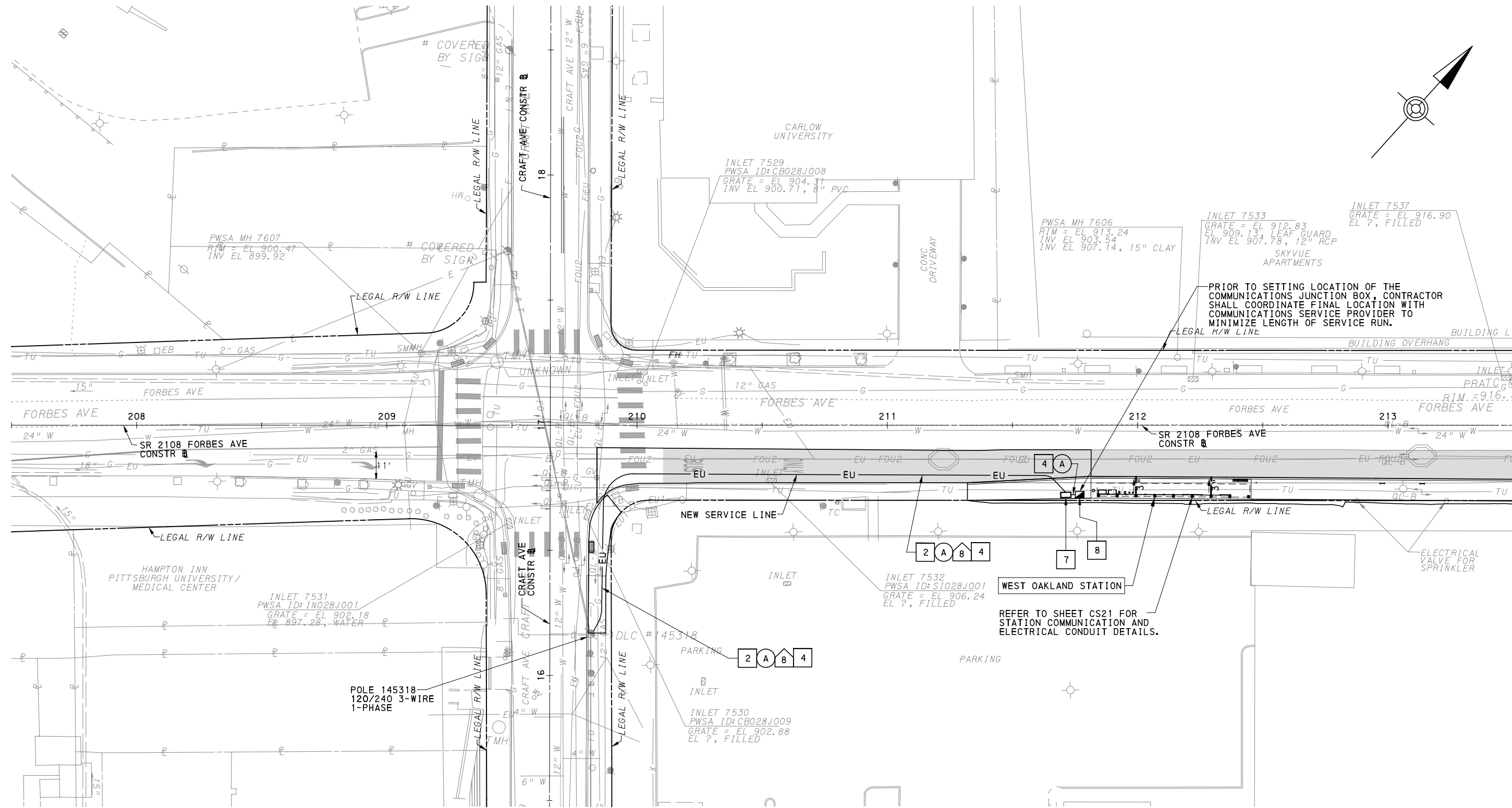
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FORBES AVE - STA 177+50 TO STA 182+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. CS57 SHT. 909



PRIOR TO SETTING LOCATION OF THE COMMUNICATIONS JUNCTION BOX, CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH COMMUNICATIONS SERVICE PROVIDER TO MINIMIZE LENGTH OF SERVICE RUN.

WEST OAKLAND STATION
REFER TO SHEET CS21 FOR STATION COMMUNICATION AND ELECTRICAL CONDUIT DETAILS.

[FOR ROADWAY PLAN SEE SHEET 395]

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Pittsburgh, PA 15219

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REVISIONS		

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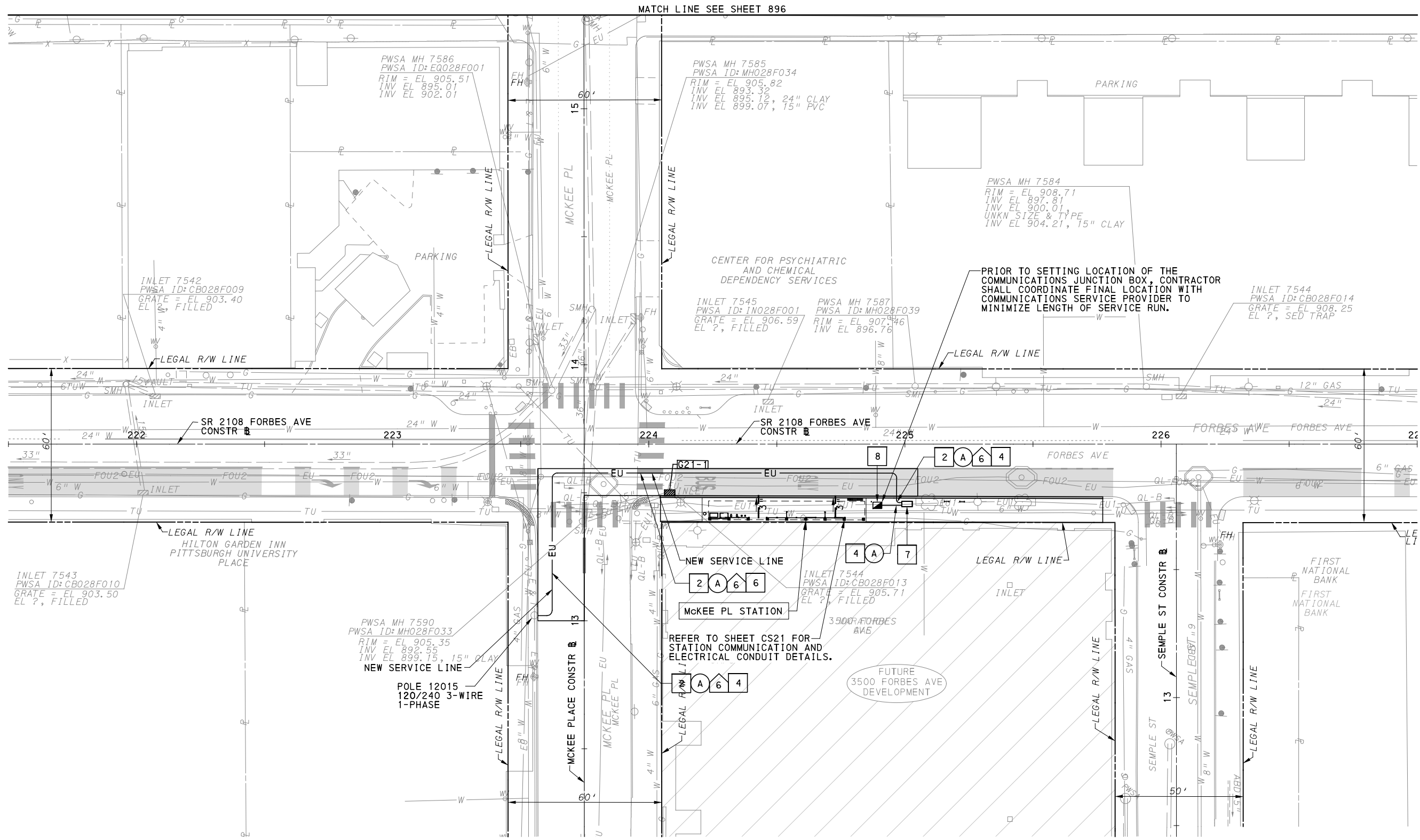
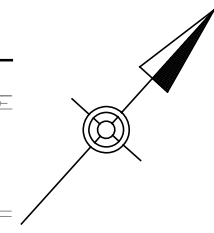
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
CONTROL SYSTEMS PLANS
FORBES AVE - STA 207+50 TO STA 213+50

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DWG. NO. CS58	SHT. 910



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DATE	05/01/24
SCALE	AS SHOWN

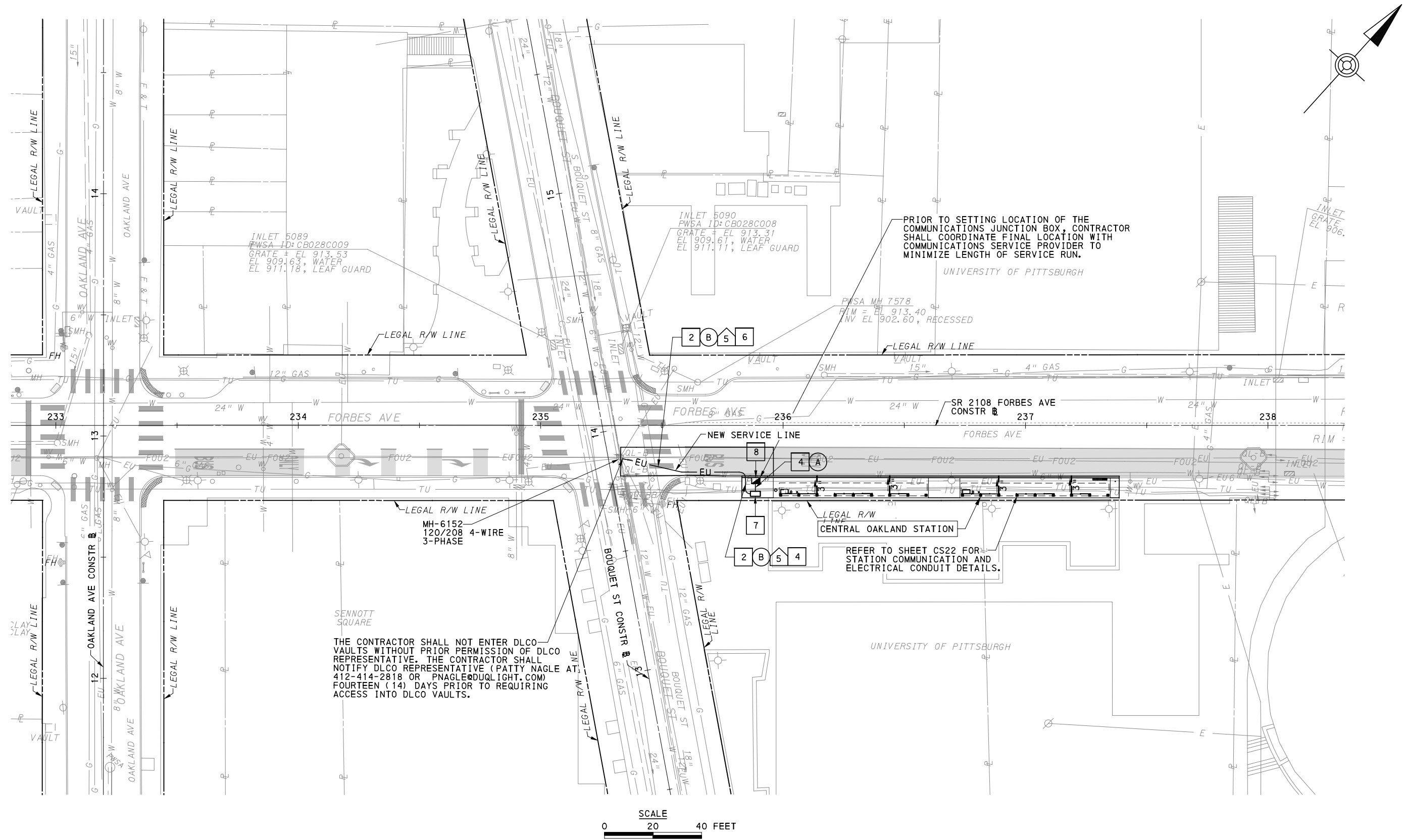
(FOR ROADWAY PLAN SEE SHEET 397)

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
 CONTROL SYSTEMS PLANS
 FORBES AVE - STA 221+50 TO STA 227+00

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CONTRACT NO. BRT-001	
DWG. NO. CS59	SHT. 911



THE CONTRACTOR SHALL NOT ENTER DLCO VAULTS WITHOUT PRIOR PERMISSION OF DLCO REPRESENTATIVE. THE CONTRACTOR SHALL NOTIFY DLCO REPRESENTATIVE (PATTY NAGLE AT 412-414-2818 OR PNAGLE@DUQLIGHT.COM) FOURTEEN (14) DAYS PRIOR TO REQUIRING ACCESS INTO DLCO VAULTS.

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REFER TO SHEET CS22 FOR STATION COMMUNICATION AND ELECTRICAL CONDUIT DETAILS.

SCALE
0 20 40 FEET

(FOR ROADWAY PLAN SEE SHEET 399)

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Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

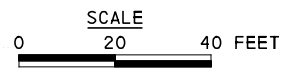
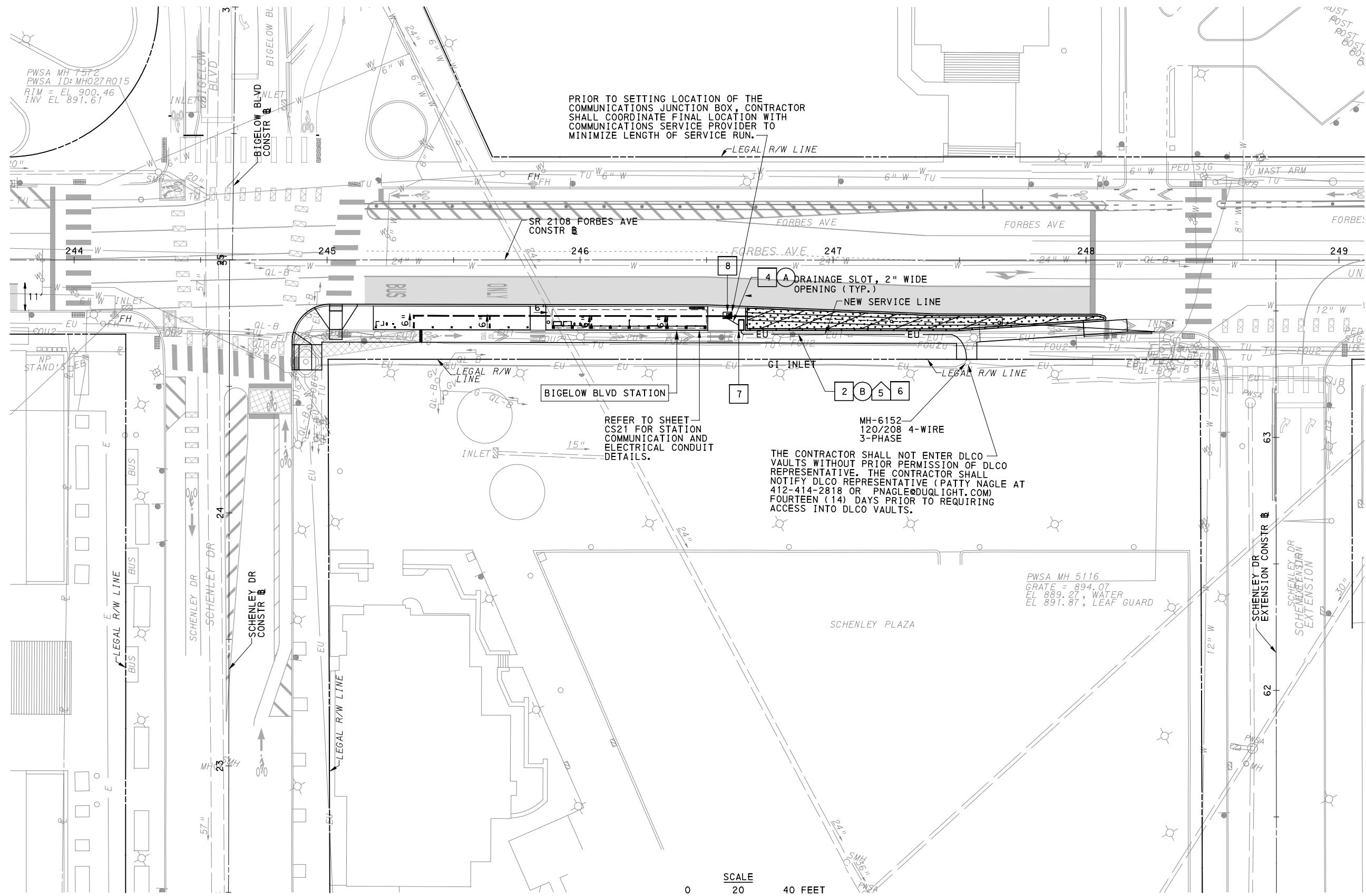
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND CONTROL SYSTEMS PLANS FORBES AVE - STA 232+00 TO STA 237+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. CS60 SHT. 912



FOR ROADWAY PLAN SEE SHEET 401

AECOM
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 707 Grant Street
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 Pittsburgh, PA 15219

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(NOT FOR CONSTRUCTION)

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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
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CONTRACT NO. BRT-001	
DWG. NO. CS61	SHT. 913

MAINTENANCE & PROTECTION OF TRAFFIC PLAN

GENERAL NOTES

1. ALL MAINTENANCE AND PROTECTION OF TRAFFIC (MPT) DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT PENNDOT STANDARDS AND SPECIFICATIONS FOR WORK ZONE TRAFFIC CONTROL, THE MUTCD AND OTHER STANDARDS AND REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICALLY INCLUDING TECHNICAL PROVISION 01881, "MAINTENANCE AND PROTECTION OF TRAFFIC" AND THE TERMS AND CONDITIONS, SECTION 00500, ARTICLE 2.1.
2. THE CONTRACTOR HAS THE OPTION TO SUBMIT ALTERNATE TRAFFIC CONTROL PLANS (TCP) TO THE ENGINEER FOR REVIEW AND APPROVAL IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, SPECIFICALLY INCLUDING THE TERMS & CONDITIONS SECTION 00500, ARTICLE 2.1. THESE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER AND SHALL BE CONSISTENT WITH STANDARD TCP DESIGN PRACTICES. NO CONSTRUCTION ACTIVITY SHALL BE ALLOWED UNTIL THE CONTRACTOR RECEIVES WRITTEN APPROVAL OF THE ALTERNATE TCP FROM THE ENGINEER.
3. ANY REVISIONS OR MODIFICATIONS TO ANY ASPECT OF THE APPROVED TCP OR APPROVED ALTERNATE TCP DURING CONSTRUCTION PERIODS SHALL BE SUBJECT TO THE SAME DETAILED PRESENTATION PROCESS FOR ACCEPTANCE PER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICALLY INCLUDING THE TERMS & CONDITIONS, SECTION 00500, ARTICLE 2.1.
4. THE CONTRACTOR SHALL OBTAIN A TRAFFIC OBSTRUCTION PERMIT FROM THE CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE FOR ALL CONSTRUCTION SEQUENCING.
5. THE CONTRACTOR SHALL SUBMIT TEMPORARY TRAFFIC SIGNAL PLANS TO THE CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.
6. THE CONTRACTOR SHALL SUBMIT CITY OF PITTSBURGH APPROVED TEMPORARY TRAFFIC SIGNAL PLANS AND APPLICATIONS FOR THE INSTALLATION OF A TRAFFIC SIGNAL, PENNDOT FORM 952, TO THE PENNDOT DISTRICT 11-0 TRAFFIC ENGINEER FOR EACH TEMPORARY TRAFFIC SIGNAL PLAN. OBTAIN APPROVED TEMPORARY TRAFFIC SIGNAL PLANS AND TRAFFIC SIGNAL PERMITS (TE-964) FROM THE DISTRICT 11-0 TRAFFIC UNIT PRIOR TO MAKING ANY MODIFICATIONS TO THESE EXISTING TRAFFIC SIGNALS.
7. AN ALTERNATIVE TEMPORARY TRAFFIC SIGNAL PLAN (TTSP) MAY BE SUBMITTED FOR CITY OF PITTSBURGH AND PENNDOT APPROVAL. HAVE THE ALTERNATE TTSP SIGNED AND SEALED BY A PROFESSIONAL ENGINEER. CITY OF PITTSBURGH AND PENNDOT MUST APPROVE ANY TTSP MODIFICATIONS PRIOR TO IMPLEMENTATION OF THE ALTERNATE PLAN BY THE CONTRACTOR.
8. PEAK, OFF-PEAK, NIGHTTIME, AND WEEKEND HOURS ARE DEFINED IN TECHNICAL PROVISION 01881. NO LANE CLOSURES OR CONSTRUCTIONS SHALL BE ALLOWED DURING WEEKDAY PEAK HOURS UNLESS PRESENTED IN THE SUGGESTED TCP OR AN APPROVED ALTERNATE TCP. THE ENGINEER, IN COORDINATION WITH THE CITY, MUST APPROVE ANY EXCEPTIONS TO THIS LIMITATION.
9. THE CONTRACTOR SHALL PROVIDE OFF-DUTY UNIFORMED POLICE OFFICERS IN ACCORDANCE WITH TECHNICAL PROVISION 01811 TO AID IN TRAFFIC CONTROL AS INDICATED IN THE PLANS AND AS DIRECTED BY THE ENGINEER.
10. WHEN NOT IN CONFLICT WITH SPECIFIED CONSTRUCTION SEQUENCING REQUIREMENTS, CONCURRENT UTILITY RELOCATION, GRADING, DRAINAGE AND OTHER CONSTRUCTION WORK MAY BE INCLUDED IN THE SAME PHASE AS THE ROADWAY CONSTRUCTION, EXCEPT AS OTHERWISE DIRECTED BY THE ENGINEER.
11. INCIDENTAL CONSTRUCTION (LANDSCAPING, LIGHTING, SIGNALIZATION, ETC.) MORE THAN SIX-FEET (6') FROM THE EDGE OF THE TRAVEL LANE MAY TAKE PLACE AT ANY TIME AT THE CONTRACTOR'S OPTION, PROVIDED IT CONTINUES TO ACCOMMODATE ALL VEHICULAR AND PEDESTRIAN TRAFFIC FLOW PER THE CURRENT TCP PHASE OR STAGE.
12. DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN DELIVERY AND PEDESTRIAN ACCESS TO AND FROM BUSINESSES ADJACENT TO WORK ZONES.
13. FURNISH, ERECT, PLACE, AND MAINTAIN TRAFFIC CONTROL SIGNS AND DEVICES AND MAINTAIN TRAFFIC DURING HOURS OF CONSTRUCTION AND AT ALL OTHER TIMES IN ACCORDANCE WITH THE METHODS INDICATED ON THESE DRAWINGS AND:
 1. THE TECHNICAL PROVISIONS OF THE CONTRACT
 2. PDT PUBLICATION 213, "TEMPORARY TRAFFIC CONTROL GUIDELINES" (APRIL 2022)
 3. PDT PUBLICATION 111, "TRAFFIC CONTROL- PAVEMENT MARKINGS AND SIGNING STANDARDS", TC-8600 AND TC-8700 SERIES
 4. PA CODE, TITLE 67, CHAPTER 212 "OFFICIAL TRAFFIC CONTROL DEVICES" (MARCH 2006)
 5. PDT PUBLICATION 35, "QUALIFIED PRODUCTS LIST FOR CONSTRUCTION" - BULLETIN 15, (CURRENT VERSION).
 6. PDT PUBLICATION 408 "SPECIFICATIONS" (DATED 2020)
 7. PDT 236 HANDBOOK OF APPROVED SIGNS (NOVEMBER 2013)
 8. THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), (2009 EDITION)
 9. CITY OF PITTSBURGH DEPARTMENT OF MOBILITY GUIDELINES
14. COVER OR REMOVE ALL SIGNS AND SIGNALS NOT IN USE OR CONFLICTING TO THE OPERATION BEING PERFORMED. WHEN COVERING EXISTING SIGNS AND SIGNALS USE MATERIAL AND PROCEDURES CONSISTENT WITH PUBLICATION 408 SECTION 901.3 (d) AND (cc).
15. THIS WORK CONSISTS OF THE MAINTENANCE OF TRAFFIC AND THE PROTECTION OF THE TRAVELING PUBLIC APPROACHING THE CONSTRUCTION AREA AND WITHIN THE LIMITS OF CONSTRUCTION.
16. IMMEDIATELY UPON COMPLETION OF THE WORK, REMOVE SIGNS AND DEVICES. FOR TYPE "B" AND TYPE "C" MOUNTED SIGNS REMOVE POSTS COMPLETELY. THE DEPARTMENT WILL REMOVE ANY TRAFFIC CONTROL DEVICES ERECTED BY DEPARTMENT FORCES.
17. THE TRAFFIC CONTROL PLAN DOES NOT RELIEVE THE CONTRACTOR OF ITS RESPONSIBILITY AS SPECIFIED IN SECTION 901.3(d) OF PENNDOT PUBLICATION 408.
18. SIGN LOCATIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
19. ALL SIGNS AND DEVICES SHALL BE NEW AT THE BEGINNING OF THE PROJECT AND MAINTAINED IN NEW CONDITION AND TO PENNDOT'S SATISFACTION THROUGHOUT THE DURATION OF THE PROJECT.
20. THESE PLANS HAVE BEEN REVIEWED AND ARE IN COMPLIANCE WITH STANDARDS PRESCRIBED IN CHAPTER 212 OF THE 67 PA. CODE AS CURRENTLY AMENDED.
21. NOTE THAT THIS APPROVAL DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR THE PROTECTION OF THE PUBLIC AND THE CONSTRUCTION PERSONNEL. THE STANDARDS PRESCRIBED ARE MINIMUM AND ADDITIONAL PROTECTION MAY BE NECESSARY IF PROBLEMS ARE ENCOUNTERED DURING THE TERM OF THE CONTRACT. CONSTANTLY REVIEW THIS PLAN FOR ADEQUACY AND RECOMMEND CHANGES FOR DEPARTMENT APPROVAL WHEN INADEQUACIES ARE DISCOVERED.
22. THE CONTRACTOR HAS THE OPTION TO SUBMIT ALTERNATE TRAFFIC CONTROL PLANS FOR CONSIDERATION. THESE PLANS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF PENNSYLVANIA AND SHALL BE CONSISTENT WITH STANDARD DESIGN PRACTICES. THE DEPARTMENT WILL ALLOW NO CONSTRUCTION ACTIVITY UNTIL THE CONTRACTOR'S ALTERNATE PLANS ARE APPROVED IN WRITING BY THE DISTRICT TRAFFIC ENGINEER. MODIFICATIONS TO THE APPROVED MPT PLAN THAT MAY BECOME NECESSARY SHALL ALSO BE APPROVED BY THE DISTRICT.
23. THE CONTRACTOR SHALL HAVE A SUFFICIENT AMOUNT OF THE FOLLOWING SIGNS AVAILABLE IN CASE THEIR USE BECOMES NECESSARY: W3-4 "BE PREPARED TO STOP" AND W20-7 "FLAGGER SYMBOL". THESE SIGNS ARE NOT INTENDED TO BE PART OF THE REQUIRED NORMAL TRAFFIC CONTROL OR A SUPPLEMENT THERETO.
24. REPORT ALL TRAFFIC INCIDENTS TO THE DISTRICT TRAFFIC ENGINEER BY COPY OF THE TRAFFIC ACCIDENT REPORT FROM THE PA STATE POLICE AND LOCAL POLICE.
25. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE PA ONE-CALL SYSTEM, INC. AT 1-800-242-1776 AT LEAST THREE (3) WORKING DAYS PRIOR TO DIGGING. PA ONE-CALL SHOULD BE CONTACTED BEFORE ANY SIGN POST ANCHOR IS DRIVEN INTO THE GROUND FOR ANY TEMPORARY AND/OR PERMANENT SIGNING."

HOUSEKEEPING

1. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING DAILY TRAFFIC CONTROL INSPECTIONS IN ACCORDANCE WITH TECHNICAL PROVISION 01881.
2. THE CONTRACTOR SHALL SWEEP AND CLEAN ALL SIDEWALKS AND ROADWAYS ON A REGULAR BASIS, DAILY, OR MORE FREQUENTLY IF NEEDED, TO AVOID ACCUMULATION OF DEBRIS. WATER-BLASTING AND MECHANICAL SCRUBBING FOR THIS CLEANING SHALL BE INCIDENTAL TO THE LUMP SUM COSTS FOR MAINTENANCE AND PROTECTION OF TRAFFIC. INSTALL BARRICADE, AS NECESSARY, TO LIMIT THE AMOUNT OF DEBRIS THAT ACCUMULATES ON WALKWAYS AND ROADWAYS.
3. THE CONTRACTOR SHALL CLOSE SIDEWALKS WHEN CONSTRUCTION OPERATIONS REQUIRE. MAINTAIN SAFE PEDESTRIAN WALKWAYS THROUGH THE WORKZONE BY DETOURING PEDESTRIAN TRAFFIC TO UNAFFECTED WALKWAYS OR BY PROVIDING ADEQUATE TEMPORARY ACCOMODATIONS AS INDICATED.
4. THE CONTRACTOR SHALL PROVIDE COVERS, GUARDS AND FENCING TO PREVENT PUBLIC ACCESS TO WORK ZONES.



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GENERAL NOTES (CONTINUED)

TRAFFIC CONTROL DEVICES

1. TEMPORARY PAVEMENT MARKINGS SHALL BE USED TO DELINEATE ALL TRAVEL LANES AS INDICATED IN THE PLANS AND PER TECHNICAL PROVISION INCLUDED IN 01881.
2. EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH TRAFFIC CONTROL PURPOSES SHALL BE REMOVED PER TECHNICAL PROVISION 02764.
3. EXISTING OR TEMPORARY SIGNS THAT CONFLICT WITH TRAFFIC CONTROL PURPOSES SHALL BE COVERED, REMOVED, RELOCATED, AND/OR REINSTALLED PER TECHNICAL PROVISION 01881.
4. TCP DEVICES AND ASSOCIATED RETRO-REFLECTIVE SHEETING SHALL BE CLEANED, REPAIRED AND/OR REPLACED PER TECHNICAL PROVISION 01881 TO MAINTAIN REFLECTIVITY.
5. PLACEMENT OF BARRICADES OR PLASTIC DRUMS WITHIN THE CONSTRUCTION LIMITS SHALL CONFORM TO THE MUTCD, TYPICALLY SPACED AS INDICATED IN THE PLANS AND LOCATED A MINIMUM OF SIX-INCHES (6") FROM THE EDGE LINE OF THE TRAVEL LANE.
6. FOR TEMPORARY SIGNAL INSTALLATIONS, UTILIZE TO THE GREATEST EXTENT POSSIBLE THE EXISTING TRAFFIC SIGNAL EQUIPMENT OR PROVIDE NEW MATERIALS AS NEEDED TO SAFELY MAINTAIN VISIBILITY AND OPERATION OF THE TRAFFIC SIGNALS DURING CONSTRUCTION.
7. THE CONTRACTOR SHALL PROVIDE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AND FLASHING ARROW BOARDS AS DIRECTED AND INDICATED FOR THE PROJECT. ALL SIGNS AND MESSAGES ADVISING MOTORISTS OF CONSTRUCTION ACTIVITY, CLOSURES AND DETOURS SHALL BE REVIEWED, PLACED AND OPERATED PER TECHNICAL PROVISION 01881.
8. THE CONTRACTOR SHALL PROVIDE OVERLAY SIGN FABRICATION DETAILS AND SHOP DRAWING SUBMITTALS PER TECHNICAL PROVISION 01881.
9. THE CONTRACTOR SHALL PLACE TEMPORARY CONSTRUCTION AND DETOUR SIGNS IN CONFORMANCE WITH THE MUTCD ON EXISTING POLES WHERE POSSIBLE. ALL SIGNS SHALL BE FABRICATED AND PLACED IN A MANNER TO MINIMIZE PEDESTRIAN OBSTRUCTIONS.
10. PROVIDE ALL SIGNS IN CLEAN AND UNDAMAGED CONDITION WITH REFLECTIVE SHEETING NOT SCRATCHED OR SHOWING SIGNS OF BEING SCORED, CAUSING A LOSS OF REFLECTIVITY.
11. MOUNT SIGNS WITHIN THE SIDEWALKS ON STABLE AND UNOBTRUSIVE SUPPORTS. REMOVE OR RELOCATE SIGNS PLACED IN THE STREET TO THE SIDEWALK AND THEN COVER WHEN NOT IN USE. BALLAST DRUMS FOR SUPPORT. DRILL AIR HOLES IN LARGER SIGNS TO PERMIT AIR PASSAGE.
12. SIGNS AND DEVICES INDICATED IN THE PLANS ARE THE MINIMUM REQUIRED. THE FURNISHING AND PLACEMENT OF ADDITIONAL SIGNS OR DEVICES SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, INCLUDING TECHNICAL PROVISION 01881.
13. PROVIDE ILLUMINATION OR BARRICADE FLASHERS WHERE INDICATED AND AS DIRECTED BY THE ENGINEER, ESPECIALLY ON PEDESTRIAN-RELATED SIGNS AND BARRIERS.
14. USE FLAGGERS TO DIRECT TRAFFIC AND PEDESTRIANS AROUND STOPPED VEHICLES. NO SEPARATE PAYMENT SHALL BE MADE FOR "FLAGGING OPERATIONS". PAYMENT FOR THIS PROVISION SHALL BE INCLUDED IN THE LUMP SUM COSTS FOR MAINTENANCE AND PROTECTION OF TRAFFIC.

15. PROVIDE ADEQUATE NUMBER OF TYPE III BARRICADES AT ROAD CLOSURE LOCATIONS TO COMPLETELY CLOSE THE ROADWAY.
16. ATTACH TYPE C LIGHTS TO ALL CHANNELIZING DEVICES USED TO PROTECT OPEN EXCAVATION ADJACENT TO ROADWAY OR SIDEWALK. ATTACH TYPE C LIGHTS ON EVERY DEVICE IN TAPERS CONNECTED AS SEQUENTIAL WARNING LIGHTS. ATTACH TYPE C LIGHT ON EVERY THIRD DEVICE USED FOR LONGITUDINAL DELINEATION.

TEMPORARY PEDESTRIAN ACCOMMODATIONS

1. THE CONTRACTOR SHALL DESIGN, FURNISH, AND INSTALL TEMPORARY PEDESTRIAN FACILITIES THAT CONFORM TO ADA REQUIREMENTS AND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, SPECIFICALLY INCLUDING TECHNICAL PROVISION 01784.
2. ALL TEMPORARY WALKWAYS ADJACENT TO THE CONSTRUCTION AREA SHALL BE FENCED AND SCREENED APPROPRIATELY TO AVOID PEDESTRIAN ENCROACHMENT ON THE WORK ZONE AND PROVIDE POSITIVE GUIDANCE ALONG MAJOR PEDESTRIAN ROUTES INDICATED IN THE TCP.
3. ALL PEDESTRIAN CONTROL DEVICES SHOULD HAVE FLASHERS.
4. DO NOT ALLOW EXCAVATED MATERIAL TO ACCUMULATE ON WALKWAYS.
5. USE BARRIERS TO PROTECT THE PUBLIC FROM FLYING DEBRIS DURING OPERATIONS SUCH AS PAVEMENT-BREAKING, GROUTING, PILE-DRIVING, ETC.

NIGHT OPERATIONS

1. NIGHTTIME WORK MAY INCLUDE IMPROVEMENTS OR MODIFICATIONS TO INTERSECTIONS NOT DIRECTLY WITHIN THE CONSTRUCTION ZONE.
2. NIGHTTIME WORK MAY INCLUDE INSTALLATION OR REMOVAL OF TEMPORARY OVERLAYS OF MAJOR GUIDE SIGNS PRIOR TO DETOUR ROUTE IMPLEMENTATION. THIS WORK SHALL BE COORDINATED WITH PENNDOT ENGINEERING DISTRICT 11-0, TRAFFIC SECTION.
3. NIGHTTIME WORK MAY INCLUDE RE-SETTING OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION PHASE AND STAGE CHANGES.
4. NIGHTTIME WORK MAY BE REQUIRED IN NON-RESIDENTIAL BUSINESS DISTRICTS, HIGH VOLUME ROADS, OR AS REQUESTED BY THE CITY DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.
5. DESIGNATED PRIVATE UTILITY COMPANIES MAY CONSTRUCT UNDERGROUND DRAINAGE OR UTILITIES THAT FALL OUTSIDE THE SPECIFIC CONSTRUCTION AREA DURING NIGHTTIME AND WEEKEND HOURS. IN SUCH CASES, THE DESIGNATED UTILITY COMPANIES SHALL PROVIDE THEIR OWN TRAFFIC CONTROL; HOWEVER, THE CONTRACTOR'S TRAFFIC CONTROL SUPERVISOR SHALL COORDINATE WITH THE DESIGNATED PRIVATE UTILITY COMPANIES AT ALL TIMES PER THE CONTRACT DOCUMENTS.
6. NIGHTTIME SHORT-TERM TRAFFIC CONTROL OPERATIONS SHALL BE IN ACCORDANCE WITH PENNDOT PUBLICATIONS 213.

SPECIAL NOTES

1. CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND DEPLOYMENT OF ALL TEMPORARY TRAFFIC CONTROL DEVICES WITH PENNDOT DISTRICT 11-0 AND THE CITY DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.
2. THE CONTRACTOR SHALL PROVIDE A "TRAFFIC CONTROL SUPERVISOR / DELIVERY COORDINATOR" TO COORDINATE PROJECT ACTIVITIES AND TCP RELATED ISSUES PER THE QUALIFICATIONS AND RESPONSIBILITIES DEFINED BY THE CONTRACT DOCUMENTS, SPECIFICALLY INCLUDING TECHNICAL PROVISION 01881.
3. THE CONTRACTOR SHALL PLACE TEMPORARY STOP BARS AND SIGNAGE AT INTERSECTIONS TO PROVIDE PROPER TURNING CLEARANCES FOR PORT AUTHORITY BUSES.
4. TEMPORARY TRAFFIC SIGNAL TIMING OR PHASING MODIFICATIONS MAY BE FIELD-MODIFIED IN ACCORDANCE WITH TECHNICAL PROVISIONS 01882, "TEMPORARY TRAFFIC SIGNAL TIMING MODIFICATIONS." ALL MODIFICATIONS, INCLUDING RESTORATION TO PRE-CONSTRUCTION CONDITIONS (AS APPLICABLE), SHALL BE SUBJECT TO REVIEW AND APPROVAL BY THE ENGINEER AND THE CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.
5. NOTIFICATION - EVERY TIME WORK RESTRICTS A ROAD, CONTACT THE REGIONAL TRAFFIC MANAGEMENT CENTER (RTMC) AT 412-429-6030 AT LEAST 15 MINUTES PRIOR TO THE ROAD RESTRICTION AND IMMEDIATELY AFTER THE ROAD RESTRICTION IS REMOVED. REPORT THE WORK LOCATION, BEGINNING TIME AND TYPE OF ROAD RESTRICTIONS, AND WHAT PA PUB 213 PATA FIGURE IS BEING USED. THIS INFORMATION IS A VITAL COMPONENT IN THE DEPARTMENTS ABILITY TO MAINTAIN SITUATIONAL AWARENESS OF ROAD CONDITIONS AND WILL ALLOW FOR MORE EFFICIENT OPERATIONS. THE RTMC IS CONTINUALLY STAFFED 24 HOURS PER DAY, 365 DAYS PER YEAR. NOTIFY THE DISTRICT PERMIT OFFICE THROUGH DROPDOWN MENU (NOTIFY PENNDOT) WITHIN APPLICATION AND CALL PERMIT SUPERVISOR AT 412-429-4810 AT LEAST 3 DAYS PRIOR TO THE START OF WORK. PROVIDE DEPARTMENT WITH RESPONSIBLE PERSON ON PROJECT CONTACT INFORMATION AS WELL AS CONTACT INFORMATION FOR THE CONTRACTOR AND ANY SUBS. NOTIFY PROPERTY OWNERS AND OR BUSINESSES 10 DAYS IN ADVANCE OF DRIVEWAY RESTRICTIONS AFFECTING THEIR PROPERTIES. MAINTAIN ONGOING COMMUNICATION WITH INSPECTOR REGARDING OPERATIONS AND WORK SCHEDULE.

CITYWIDE ALTERNATE ROUTING PLANS

1. ALTERNATE INBOUND AND OUTBOUND ROUTING PLANS MAY BE CONSIDERED TO ACHIEVE AN OVERALL TCP STRATEGY OF DISPERSING TRAFFIC THROUGHOUT THE CITY. THESE ROUTINGS SHOULD BE SELECTED TO TAKE ADVANTAGE OF LARGER CAPACITY ROADWAYS, MINIMIZE OVERLAP BETWEEN PRIMARY DETOUR ROUTES, MAINTAIN REASONABLE ACCESS THROUGHOUT THE CENTRAL BUSINESS DISTRICT, AND REMAIN CONSISTENT THROUGHOUT DIFFERENT CONSTRUCTION STAGES.
2. ALTERNATE ROUTINGS MAY BE IMPLEMENTED AS PART OF A PUBLIC RELATIONS OR MEDIA CAMPAIGN IN CONJUNCTION WITH THIS PROJECT. THE CONTRACTOR AND TRAFFIC CONTROL SUPERVISOR SHOULD COORDINATE WITH THE ENGINEER, THE CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE, AND PENNDOT DISTRICT 11-0 REGARDING ALTERNATE ROUTINGS.
3. UTILIZE DYNAMIC MESSAGE SIGNS (DMS) AND PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) TO INFORM MOTORISTS OF MAJOR CONSTRUCTION ACTIVITIES, ROAD CLOSURES AND DETOURS.



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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS GENERAL NOTES

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NOTES FOR MPT ON TRAFFIC SIGNALS

- THE WORK AT EACH INTERSECTION CONSISTS OF SOME OR ALL OF THE FOLLOWING THREE CATEGORIES:
 - CATEGORY 1 CONSTRUCTION IN SIDEWALKS AND NEAR CURBS (POLES, FOUNDATIONS, JUNCTION BOXES, CONDUIT, ETC.)
 - CATEGORY 2 CONSTRUCTION OF BUMP OUTS AND CROSS WALKS WITHIN TRAFFIC LANES
 - CATEGORY 3 INSTALLATION AND ADJUSTMENTS OF MAST ARMS AND AERIAL TRAFFIC SIGNAL EQUIPMENT OVER TRAFFIC LANES

THE PATA FIGURES LISTED BELOW ARE APPLICABLE FOR EACH CATEGORY OF WORK:

 - CATEGORY 1 SIDEWALKS PATA 128, 129, 130, 217, 218, 219 STREET TRAFFIC PATA 101, 102, 201, 202
 - CATEGORY 2 TRAFFIC LANES DURING ONGOING WORK PATA 107, 108 TRAFFIC LANES DURING NON-WORK HOURS PATA 204
 - CATEGORY 3 OVER TRAFFIC PATA 107, 108, 109, 110
- SINCE THE TIMING OF THE WORK WILL BE DEFINED BY THE CONTRACTOR'S SCHEDULE AND RESOURCES, THE APPROPRIATE PATA FIGURES LISTED ABOVE OR OTHERWISE APPLICABLE TO THE CONDITIONS DURING CONSTRUCTION SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED IN ADVANCE BY THE ENGINEER PRIOR TO IMPLEMENTATION.
- MAINTAIN THE OPERATION OF THE EXISTING TRAFFIC SIGNAL AND ROADWAY LIGHTING SYSTEM DURING CONSTRUCTION UNTIL THE NEW SYSTEM HAS BEEN FULLY INSTALLED AND OPERATIONAL. THE CONTRACTOR MAY NOT LEAVE A BLOCK COMPLETELY DARK, THEY MUST HAVE ACTIVE POLES ON AT LEAST ONE SIDE OF THE STREET PER A CITY OF PITTSBURGH POLICY.
- MAINTAIN ACCESS TO ALL BUILDINGS AND DRIVEWAYS AT ALL TIMES.
- IF TRAFFIC CONTROL IS SIMILAR AT ADJACENT INTERSECTIONS UNDER CONSTRUCTION AT THE SAME TIME, THEN THE SIGNS ON THE INTERIOR OF THE WORK ZONE (W20-1 AND G-20-2 TYPICALLY) WILL NOT BE INSTALLED.
- COORDINATE THE CLOSURE OF PARKING SPACES WITH ENGINEER AT LEAST 5 WORKING DAYS IN ADVANCE. PROVIDE AT LEAST 3 DAYS' NOTICE TO ALL NEARBY RESIDENTS AND COMMERCIAL OPERATORS OF PARKING CLOSURES. PLACE TEMPORARY R7-1 NO PARKING SIGNS AND USE CHANNELIZING DEVICES AT 10 FOOT CENTERS TO RESTRICT ACCESS TO THE PARKING STALLS.
- DO NOT BLOCK OR OBSTRUCT VISIBILITY OF SIGNAL HEADS AT ANY TIME DURING CONSTRUCTION OF THE NEW TRAFFIC SIGNAL POLES AND MAST ARMS. IF NECESSARY, INSTALL THE NEW SIGNAL HEADS ON NEW MAST ARMS AND ENSURE CORRECT DISPLAYS TO MAINTAIN SIGNAL HEAD VISIBILITY, AS DIRECTED BY THE ENGINEER.

SPECIAL EVENT COORDINATION

- SPECIAL EVENTS SHALL INCLUDE ALL EVENTS AND VENUES AS DEFINED BY THE CONTRACT DOCUMENTS AND BY TECHNICAL PROVISION 01881.
- CONTRACTOR SHALL COORDINATE THROUGH THE ENGINEER AND THE TRAFFIC CONTROL SUPERVISOR ALL CONSTRUCTION SEQUENCING, TRAFFIC CONTROL, ROADWAY RESTRICTIONS, CLOSURES, DETOURS, HAULING OPERATIONS, DELIVERIES, AND ADDITIONAL WORK ZONE SECURITY PER THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, INCLUDING TECHNICAL PROVISION 01881, TO ACCOMMODATE SPECIAL EVENTS.
- THE CONTRACTOR SHALL MAKE ACCOMMODATIONS FOR ALLOWING SAFE ACCESS THROUGH, ADJACENT TO, OR AROUND THE WORK ZONE TO AND FROM ALL SPECIAL EVENTS FOR BOTH PEDESTRIAN AND VEHICULAR TRAFFIC.
- THE CITY DEPARTMENT OF MOBILITY AND INFRASTRUCTURE SHALL NOTIFY CONTRACTOR OF NEW, AMENDED, AND ONGOING SPECIAL EVENTS.

LEGEND

- CONSTRUCTION AREA
- SHORT-TERM CONSTRUCTION AREA WHILE MAINTAINING TRAFFIC
- TEMPORARY SIDEWALK AREA
- TEMPORARY PAVEMENT
- ACCELERATED CONCRETE PAVEMENT
- TEMPORARY CONCRETE BARRIER
- TEMPORARY CONSTRUCTION FENCE
- TEMPORARY IMPACT ATTENUATING DEVICE
- TEMPORARY END TRANSITION
- CHANNELIZING DEVICE
- TYPE III BARRICADE
- POST MOUNTED SIGN
- TYPE B FLASHING LIGHT (YELLOW)
- TYPE B FLASHING LIGHT (RED)
- COVER EXISTING SIGN
- ETR EXISTING TO REMAIN
- CMS PORTABLE CHANGABLE MESSAGE SIGN
- FLASHING ARROW PANEL
- TEMPORARY PEDESTRIAN MOBILITY BRIDGE
- DETOUR ROUTE
- DIRECTION OF VEHICULAR TRAVEL
- PEDESTRIAN MOVEMENTS
- TW/4" TEMPORARY WHITE LINE/WIDTH
- TY/4" TEMPORARY YELLOW LINE/WIDTH
- TDY/4" TEMPORARY DOUBLE YELLOW LINE/WIDTH
- TBW/4" TEMPORARY BROKEN WHITE LINE/WIDTH
- TDW/4" TEMPORARY DOTTED WHITE LINE/WIDTH
- ONLY TEMPORARY PAVEMENT MARKING LEGENDS
- EPM EXISTING PAVEMENT MARKINGS

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OAKLAND SECTION - FIFTH AVENUE PHASE 1 - STAGE D	996 - 999
OAKLAND SECTION - FIFTH AVENUE PHASE 2 - STAGE A	1000 - 1003
OAKLAND SECTION - FIFTH AVENUE PHASE 2 - STAGE B	1004 - 1007
OAKLAND SECTION - FIFTH AVENUE PHASE 2 - STAGE C	1008 - 1011
OAKLAND SECTION - FIFTH AVENUE PHASE 2 - STAGE D	1012 - 1016
OAKLAND SECTION - FORBES AVENUE PHASE 1 - STAGE A	1017 - 1019
OAKLAND SECTION - FORBES AVENUE PHASE 1 - STAGE B	1020 - 1021
OAKLAND SECTION - FORBES AVENUE PHASE 1 - STAGE C	1022 - 1023
OAKLAND SECTION - FORBES AVENUE PHASE 1 - STAGE D	1024 - 1026
UPTOWN SECTION - FORBES AVENUE PHASE 1 - STAGE A	1027 - 1031
UPTOWN SECTION - FORBES AVENUE PHASE 1 - STAGE B	1032 - 1037
UPTOWN SECTION - FORBES AVENUE PHASE 1 - STAGE C	1038 - 1043
UPTOWN SECTION - FORBES AVENUE PHASE 2 - STAGE A	1044 - 1048
UPTOWN SECTION - FORBES AVENUE PHASE 2 - STAGE B	1049 - 1054
UPTOWN SECTION - FORBES AVENUE PHASE 2 - STAGE C	1055 - 1060



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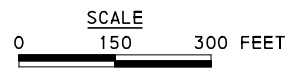
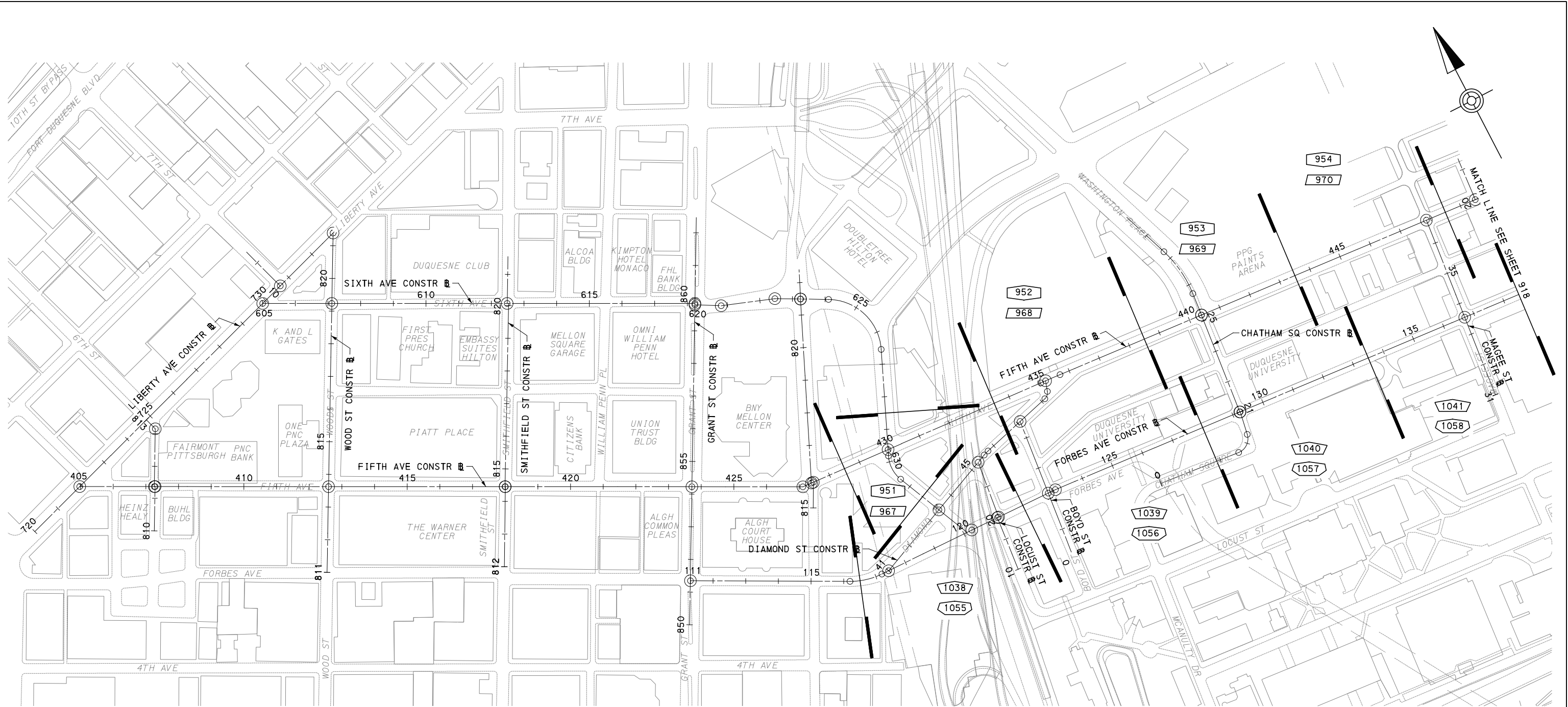
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PORT AUTHORITY OF ALLEGHENY COUNTY
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS GENERAL NOTES

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CONTRACT NO. BRT-001	
DWG. NO. MT3	SHT. 916



LEGEND

	UPTOWN PHASE 1 - STAGE A		OAKLAND PHASE 1 - STAGE A		OAKLAND PHASE 2 - STAGE A
	UPTOWN PHASE 1 - STAGE B		OAKLAND PHASE 1 - STAGE B		OAKLAND PHASE 2 - STAGE B
	UPTOWN PHASE 1 - STAGE C		OAKLAND PHASE 1 - STAGE C		OAKLAND PHASE 2 - STAGE C
	UPTOWN PHASE 2 - STAGE A		OAKLAND PHASE 1 - STAGE D		OAKLAND PHASE 2 - STAGE D
	UPTOWN PHASE 2 - STAGE B				SHEET BREAK
	UPTOWN PHASE 2 - STAGE C				

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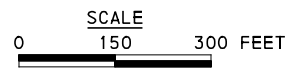
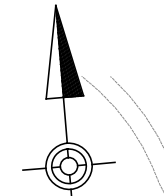
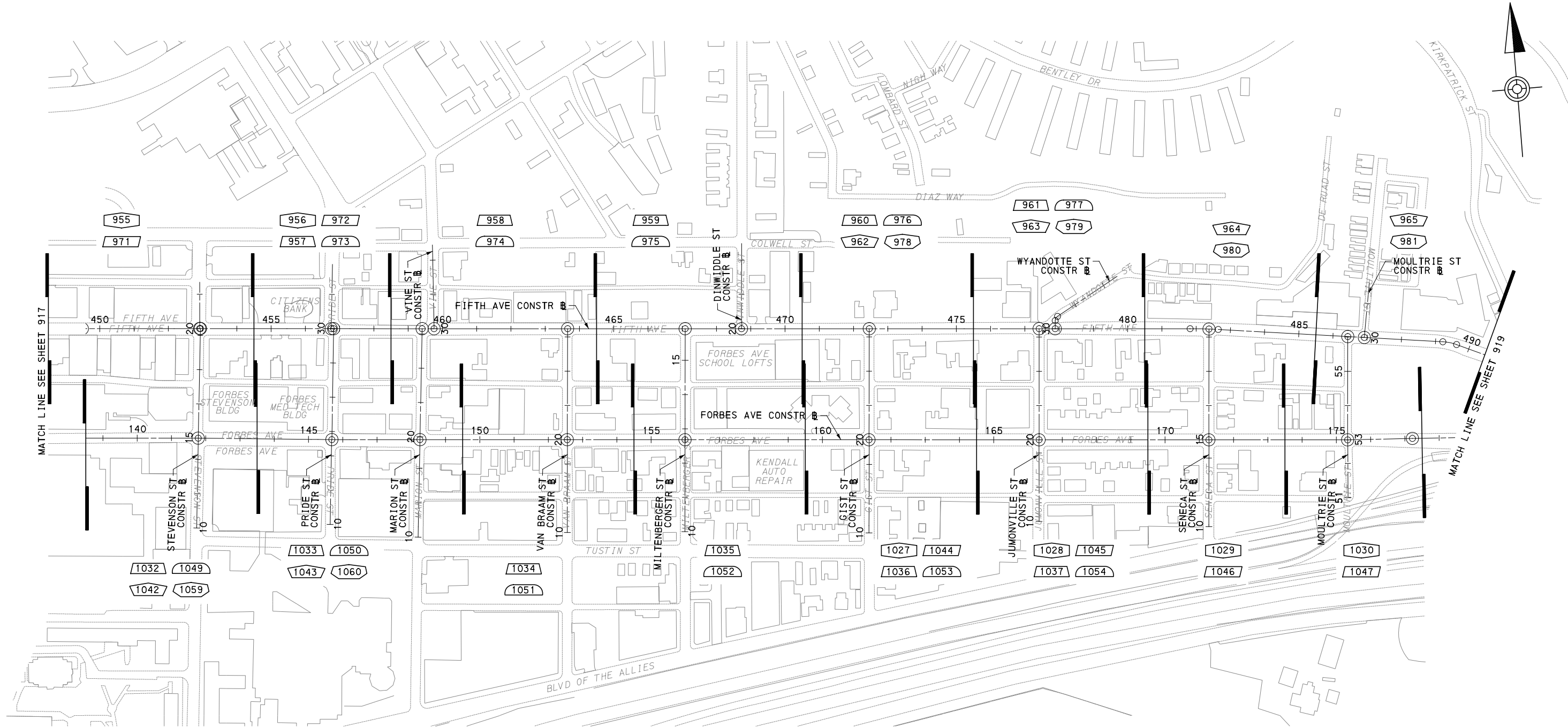
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**BUS RAPID TRANSIT UPTOWN TO OAKLAND
 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 INDEX SHEET**

Port Authority connecting people to life

CONTRACT NO. BRT-001
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LEGEND

	UPTOWN PHASE 1 - STAGE A		OAKLAND PHASE 1 - STAGE A		OAKLAND PHASE 2 - STAGE A
	UPTOWN PHASE 1 - STAGE B		OAKLAND PHASE 1 - STAGE B		OAKLAND PHASE 2 - STAGE B
	UPTOWN PHASE 1 - STAGE C		OAKLAND PHASE 1 - STAGE C		OAKLAND PHASE 2 - STAGE C
	UPTOWN PHASE 2 - STAGE A		OAKLAND PHASE 1 - STAGE D		OAKLAND PHASE 2 - STAGE D
	UPTOWN PHASE 2 - STAGE B				
	UPTOWN PHASE 2 - STAGE C				

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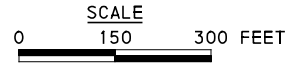
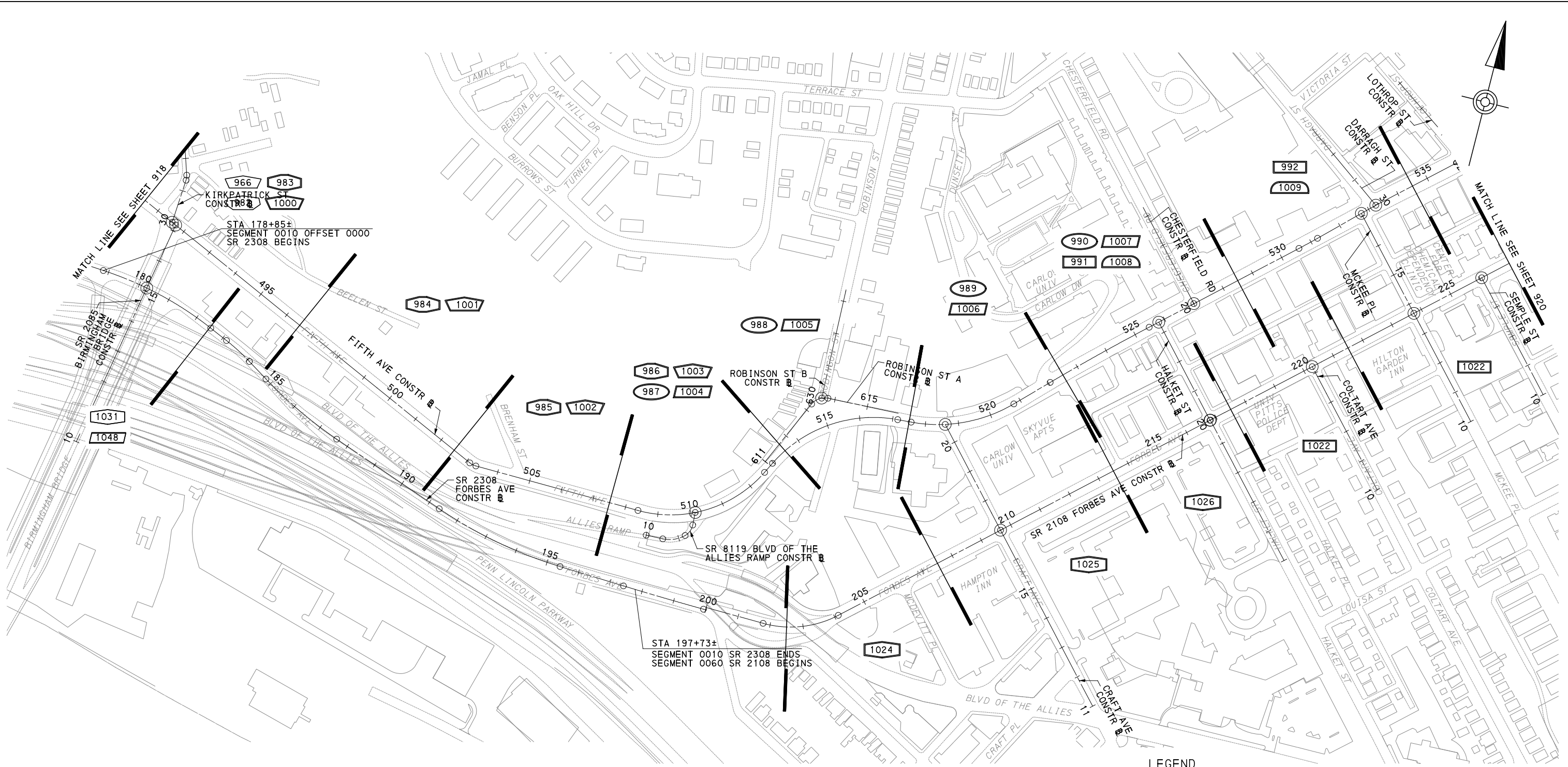
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DWG. NO. MT5	SHT. 918	



LEGEND

	UPTOWN PHASE 1 - STAGE A		OAKLAND PHASE 1 - STAGE A		OAKLAND PHASE 2 - STAGE A
	UPTOWN PHASE 1 - STAGE B		OAKLAND PHASE 1 - STAGE B		OAKLAND PHASE 2 - STAGE B
	UPTOWN PHASE 1 - STAGE C		OAKLAND PHASE 1 - STAGE C		OAKLAND PHASE 2 - STAGE C
	UPTOWN PHASE 2 - STAGE A		OAKLAND PHASE 1 - STAGE D		OAKLAND PHASE 2 - STAGE D
	UPTOWN PHASE 2 - STAGE B				
	UPTOWN PHASE 2 - STAGE C				

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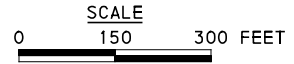
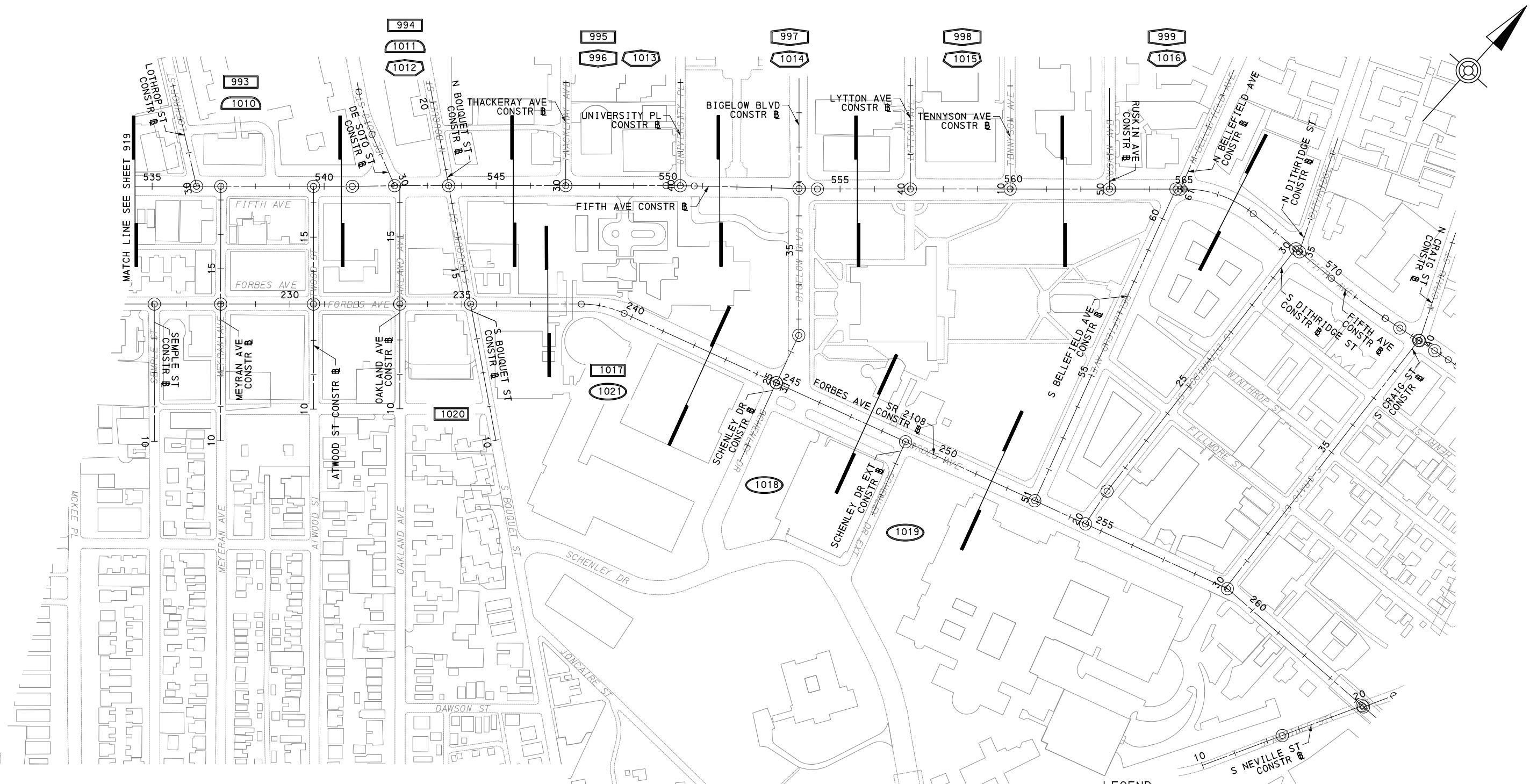
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DWG. NO. MT6	SHT. 919



LEGEND					
	UPTOWN PHASE 1 - STAGE A		OAKLAND PHASE 1 - STAGE A		OAKLAND PHASE 2 - STAGE A
	UPTOWN PHASE 1 - STAGE B		OAKLAND PHASE 1 - STAGE B		OAKLAND PHASE 2 - STAGE B
	UPTOWN PHASE 1 - STAGE C		OAKLAND PHASE 1 - STAGE C		OAKLAND PHASE 2 - STAGE C
	UPTOWN PHASE 2 - STAGE A		OAKLAND PHASE 1 - STAGE D		OAKLAND PHASE 2 - STAGE D
	UPTOWN PHASE 2 - STAGE B				
	UPTOWN PHASE 2 - STAGE C				

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 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 INDEX SHEET**

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CONTRACT NO. BRT-001

DWG. NO. MT7 SHT. 920

TABULATION OF TRAFFIC CONTROL ITEMS IN MAINTENANCE AND PROTECTION OF TRAFFIC
DURING CONSTRUCTION, LUMP SUM, ITEM 01881.001 (FOR INFORMATION ONLY)

TRAFFIC CONTROL DEVICE	DESCRIPTION	SIZE OR UNIT	UPTOWN SECTION - FIFTH AVE								OAKLAND SECTION - FIFTH AVE								OAKLAND SECTION - FORBES AVE				UPTOWN SECTION - FORBES AVE						MINIMUM QUANTITY REQUIRED							
			PHASE 1A	PHASE 1B	PHASE 1C	PHASE 2A	PHASE 2B	SUBSTAGE PHASE 2B	PHASE 2C	PHASE 1A	PHASE 1B	PHASE 1C	PHASE 1D	PHASE 2A	PHASE 2B	SUBSTAGE PHASE 2B	PHASE 2C	PHASE 2D	SUBSTAGE PHASE 2D	PHASE 1A	PHASE 1B	PHASE 1C	PHASE 1D	PHASE 1A	PHASE 1B	PHASE 1C	PHASE 2A	SUBSTAGE PHASE 2A		PHASE 2B	SUBSTAGE PHASE 2B	PHASE 2C	SUBSTAGE PHASE 2C			
G20-2	END ROAD WORK	36 " X 18 "	14	7	6	14	8	8	6	2	4	9	6	5	4	4	9	9	11	10	3	3	3	5	10	15	7	10		15		7		30		
R3-1	NO RIGHT TURN	24 " X 24 "																															3		2	5
R3-2	NO LEFT TURN	24 " X 24 "																															1		1	2
R3-7L	LEFT LANE MUST TURN LEFT	36 " X 36 "																					1												1	
R3-7R	RIGHT LANE MUST TURN RIGHT	36 " X 36 "																																	2	
R3-7-1R	ALL TRAFFIC MUST TURN RIGHT	30 " X 30 "																																	3	
R3-8A(L-SR)	LANE USE	30 " X 30 "							2																										2	
R3-8B (S-S-R)	LANE USE (3 LANES)	48 " X 30 "																																	1	
R3-8B (LS-S-R)	LANE USE (3 LANES)	48 " X 30 "																																	1	
R3-8B (L-S-SR)	LANE USE (3 LANES)	48 " X 30 "																																	1	
R3-11E	RIGHT LANE BUSES ONLY	30 " X 42 "																																	3	
R3-12G	BUS LANE ENDS	30 " X 36 "																																	4	
R4-8	KEEP LEFT SIGN	24 " X 30 "																																	1	
R4-11	BICYCLES MAY USE FULL LANE	30 " X 30 "																																	1	
R4-101	LEFT LANE NO BUSES	48 " X 60 "																																	2	
R9-9	SIDEWALK CLOSED	24 " X 24 "	31	20	15	32	12	16	12	1	4	11	14	21	4	1																			63	
R9-10	SIDEWALK CLOSED USE OTHER SIDE	24 " X 24 "	2			4				6				4																					16	
R9-11A	SIDEWALK CLOSED CROSS HERE LEFT	24 " X 24 "	6			7				9				8	1																				17	
R9-11A	SIDEWALK CLOSED CROSS HERE RIGHT	24 " X 24 "	6			6				9				7	1																				16	
R11-2	ROAD CLOSED	48 " X 30 "								2																									2	
W1-4BR (4-LANE)	FOUR LANE RIGHT REVERSE CURVE	36 " X 36 "										2	1																						2	
W1-3BL (3-LANE)	THREE LANE LEFT REVERSE CURVE	48 " X 48 "																																	2	
W1-3BL (3-LANE)	THREE LANE LEFT REVERSE CURVE	36 " X 36 "									2																								2	
W1-3BR (3-LANE)	THREE LANE RIGHT REVERSE CURVE	36 " X 36 "										3																							3	
W1-4BL	TWO LANE LEFT REVERSE CURVE	36 " X 36 "	2	2	2	4	1			2																									6	
W1-4BR	TWO LANE RIGHT REVERSE CURVE	36 " X 36 "	2	1			2																												4	
W1-4R	RIGHT REVERSE CURVE	36 " X 36 "				1																													1	
W1-4L	LEFT REVERSE CURVE	30 " X 30 "																																	2	
W1-4R	RIGHT REVERSE CURVE	30 " X 30 "																																	1	
W4-2R	MERGE LEFT	36 " X 36 "				1																													2	

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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET	
	CONTRACT NO. BRT-001
DWG. NO. MT8	SHT. 921

TABULATION OF TRAFFIC CONTROL ITEMS IN MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION, SEPARATE PAY ITEMS - UPTOWN SECTION - FIFTH AVE

ITEM NUMBER	UNIT	REMARKS	SIDE	STATION																									
1		ENTIRE PROJECT																											
		PHASE 1 - STAGE A																											
563	289	SIXTH AVE TO WASHINGTON PL	LT/RT	430+00.00 TO 440+50.00																									
1680	928	WASHINGTON PL TO STEVENSON ST	LT/RT	440+50.00 TO 453+00.00																									
382	231	STEVENSON ST TO PRIDE ST	LT/RT	453+00.00 TO 456+75.00																									
		PHASE 1 - STAGE B																											
393	124	PRIDE ST TO VINE ST	LT/RT	456+75.00 TO 459+75.00																									
814	636	VINE ST TO DINWIDDIE ST	LT/RT	459+75.00 TO 468+75.00																									
824	958	DINWIDDIE ST TO WYANDOTTE ST	LT/RT	468+75.00 TO 478+00.00																									
		PHASE 1 - STAGE C																											
1179	781	WYANDOTTE ST TO MOULTRIE ST	LT/RT	478+00.00 TO 487+00.00																									
492	236	MOULTRIE ST TO KIRKPATRICK ST	LT/RT	487+00.00 TO 491+50.00																									
19	85	KIRKPATRICK TO END OF WORK AREA	LT/RT	491+50.00 TO 496+50.00																									
1	2625	3721	1448	10	6	2820	7	11	330000	5797	3	1411000	0	4823	0	270	22	0	0	0	3	3	4205	20640	1000	0	SUBTOTAL SHEET 1 OF 7		



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TABULATION OF TRAFFIC CONTROL ITEMS IN MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION, SEPARATE PAY ITEMS - UPTOWN SECTION - FIFTH AVE

ITEM NUMBER	UNIT	REMARKS	SIDE	STATION																												
PHASE 2 - STAGE A																																
01784.001	LS	MAINTENANCE AND PROTECTION OF PEDESTRIAN AND BICYCLE TRAFFIC																														
01784.002	LF	CONSTRUCTION FENCE, CHAIN LINK MESH ON PORTABLE SUPPORT																														
01784.003	LF	RESET CONSTRUCTION FENCE																														
01795.001	LF	TEMPORARY CONCRETE BARRIER																														
01795.002	LF	TEMPORARY BARRIER END TRANSITION																														
01795.003	EACH	TEMPORARY IMPACT ATTENUATING DEVICE																														
01795.004	LF	RESET TEMPORARY CONCRETE BARRIER																														
01795.005	EACH	RESET TEMPORARY IMPACT ATTENUATING DEVICE																														
01795.006	EACH	RESET TEMPORARY BARRIER END TRANSITION																														
01796.001	DOLLA	REPAIR TEMPORARY IMPACT ATTENUATING DEVICES																														
02764.001	SF	PAVEMENT MARKING REMOVAL																														
02764.002	EACH	PAVEMENT MARKING LEGEND REMOVAL																														
01811.001	DOLLA	OFF-DUTY UNIFORMED POLICE OFFICER																														
01881.002	LF	4" STANDARD PAVEMENT MARKINGS, PAINT & BEADS, YELLOW																														
01881.003	LF	4" STANDARD PAVEMENT MARKINGS, PAINT & BEAD, WHITE																														
01881.004	LF	6" STANDARD PAVEMENT MARKINGS, PAINT & BEAD, WHITE																														
01881.0045	LF	8" STANDARD PAVEMENT MARKINGS, PAINT & BEAD, WHITE																														
01881.006	LF	24" STANDARD PAVEMENT MARKINGS, PAINT & BEAD, WHITE																														
01881.007	EACH	WHITE WATERBORNE LEGEND, "LEFT ARROW" 12'-0" X 3'-0"																														
01881.008	EACH	WHITE WATERBORNE LEGEND, "RIGHT ARROW" 12'-0" X 3'-0"																														
01881.009	EACH	WHITE WATERBORNE LEGEND, *ONLY", 8'-0*																														
01881.010	EACH	WHITE WATERBORNE LEGEND, *THRU AND RIGHT ARROW", 20'-0" X 3'-7*																														
01881.011	EACH	WHITE WATERBORNE LEGEND, *THRU AND LEFT ARROW", 20'-0" X 3'-7*																														
01881.009	DAY	ADDITIONAL TYPE B LIGHTS																														
01881.010	DAY	ADDITIONAL TYPE C LIGHTS																														
01881.011	SF	ADDITIONAL TRAFFIC CONTROL SIGNS																														
01882.001	EACH	TEMPORARY TRAFFIC SIGNAL TIMING MODIFICATIONS																														
PHASE 2 - STAGE B																																
01784.002	LF	CONSTRUCTION FENCE, CHAIN LINK MESH ON PORTABLE SUPPORT																														
01784.003	LF	RESET CONSTRUCTION FENCE																														
01795.001	LF	TEMPORARY CONCRETE BARRIER																														
01795.002	LF	TEMPORARY BARRIER END TRANSITION																														
01795.003	EACH	TEMPORARY IMPACT ATTENUATING DEVICE																														
01795.004	LF	RESET TEMPORARY CONCRETE BARRIER																														
01795.005	EACH	RESET TEMPORARY IMPACT ATTENUATING DEVICE																														
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01881.007	EACH	WHITE WATERBORNE LEGEND, "LEFT ARROW" 12'-0" X 3'-0"																														
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01881.009	EACH	WHITE WATERBORNE LEGEND, *ONLY", 8'-0*																														
01881.010	EACH	WHITE WATERBORNE LEGEND, *THRU AND RIGHT ARROW", 20'-0" X 3'-7*																														
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PHASE 2 - STAGE C																																
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01881.010	EACH	WHITE WATERBORNE LEGEND, *THRU AND RIGHT ARROW", 20'-0" X 3'-7*																														
01881.011	EACH	WHITE WATERBORNE LEGEND, *THRU AND LEFT ARROW", 20'-0" X 3'-7*																														
01881.009	DAY	ADDITIONAL TYPE B LIGHTS																														
01881.010	DAY	ADDITIONAL TYPE C LIGHTS																														
01881.011	SF	ADDITIONAL TRAFFIC CONTROL SIGNS																														
01882.001	EACH	TEMPORARY TRAFFIC SIGNAL TIMING MODIFICATIONS																														
0	2270	5195	1566	9	5	2927	8	4	0	778	0	0	0	4143	0	367	50	3	0	2	3	0	0	0	0	0	0	0	0	SUBTOTAL SHEET 2 OF 7		



NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	GM
DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
TABULATION SHEET

Port Authority
connecting people to life

CONTRACT NO. BRT-001	
DWG. NO. MT11	SHT. 924

TABULATION OF TRAFFIC CONTROL ITEMS IN MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION, SEPARATE PAY ITEMS - OAKLAND SECTION - FIFTH AVE

ITEM NUMBER		REMARKS		SIDE	STATION
PHASE 1 - STAGE A					
01784.001	LS				
01784.002	LF	1685	280		
01784.003	LF				
01795.001	LF				
01795.002	LF				
01795.003	EACH				
01795.004	EACH				
01795.005	EACH	1370	1		
01795.006	EACH				
01796.001	DOLLA				
02764.001	SF				
02764.002	EACH	894			
01811.001	DOLLA				
01881.002	LF	627			
01881.003	LF	1393			
01881.004	LF				
01881.005	LF				
01881.006	LF	105			
01881.007	LF	22			
01881.008	EACH				
01881.009	EACH				
01881.010	EACH	3			
01881.011	EACH	3			
01881.009	DAY				
01881.010	DAY				
01881.011	SF				
01882.001	EACH				
PHASE 1 - STAGE B					
		69			
		204			
PHASE 1 - STAGE C					
		139			
		477			
		566			
		215			
PHASE 1 - STAGE D					
		292			
		194			
		187			
		330			
		165			
0	0	4523	280	0	0
0	0	2957	9	3	0
0	0	13930	18	0	0
0	0	1402	1402	11476	0
0	0	307	307	149	3
0	0	2	2	0	3
0	0	3	3	3	3
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
SUBTOTAL SHEET 3 OF 7					



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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
TABULATION SHEET



CONTRACT NO. BRT-001

DWG. NO. MT12

SHT. 925

TABULATION OF TRAFFIC CONTROL ITEMS IN MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION,
SEPARATE PAY ITEMS - OAKLAND SECTION - FIFTH AVE

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ITEM NUMBER		REMARKS	SIDE	STATION
PHASE 2 - STAGE A				
01784.001 LS		BIRMINGHAM BRIDGE TO ALLIES RAMPS	LT/RT	491+50.00 TO 510+00.00
01784.002 LF	686			
PHASE 2 - STAGE B				
01784.003 LF	812	CRAFT AVE TO HALKET ST	LT/RT	518+50.00 TO 526+00.00
01795.001 LF		CRAFT TO END OF WORK AREA	LT/RT	526+00.00 TO 528+50.00
01795.002 LF	785	CRAFT AVE TO HALKET ST	RT	518+50.00 TO 526+00.00
01795.003 EACH		CRAFT TO END OF WORK AREA	RT	526+00.00 TO 528+50.00
PHASE 2 - STAGE C				
01795.004 LF	757	OAKLAND AVE TO BOUQUET ST	LT/RT	542+00.00 TO 543+50.00
01795.005 EACH	398			
01795.006 EACH	226			
01796.001 DOLLA	225			
02764.001 SF	132			
02764.002 EACH	333			
01811.001 DOLLA	398			
01811.002 LF	227			
01811.003 LF	225			
01811.004 LF	132			
01811.005 LF	906			
01811.006 LF	989			
01811.007 EACH	906			
01811.008 EACH	989			
01811.009 EACH	906			
01811.010 EACH	989			
01811.011 EACH	906			
01811.012 EACH	989			
01881.001 DAY	0			
01881.002 DAY	0			
01881.003 SF	0			
01882.001 EACH	0			
SUBTOTAL SHEET 4 OF 7				



Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET	
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**TABULATION OF TRAFFIC CONTROL ITEMS IN MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION,
SEPARATE PAY ITEMS - UPTOWN SECTION - FORBES AVE**

01784.001	01784.002	01784.003	01795.001	01795.002	01795.003	01795.004	01795.005	01795.006	01796.001	02764.001	02764.002	01811.001	01881.002	01881.003	01881.004	01881.005	01881.006	01881.007	01881.008	01881.009	01881.010	01881.011	01881.009	01881.010	01881.011	01882.001	ITEM NUMBER	UNIT	REMARKS	SIDE	STATION	
PHASE 1 - STAGE A																																
										85			742				22													GIST ST TO JUMONVILLE ST	LT/RT	161+00.00 TO 166+25.00
	498			354	2	1							150																JUMONVILLE ST TO SENECA ST	LT/RT	166+25.00 TO 171+25.00	
	356			206	2	1							150																SENECA ST TO MOULTRIE ST	LT/RT	171+25.00 TO 175+25.00	
	250			196		1							359				22												MOULTRIE ST TO BIRMINGHAM BRIDGE	LT/RT	175+25.00 TO 181+00.00	
PHASE 1 - STAGE B																																
										52			635				22													STEVENSON ST TO PRIDE ST	LT/RT	141+75.00 TO 145+75.00
		232					182	1		25			108				22													PRIDE ST TO MARION ST	LT/RT	145+75.00 TO 148+25.00
		380					247	1	1	50			214																	MARION ST TO VAN BRAAM ST	LT/RT	148+25.00 TO 152+50.00
		316					226	1		107			206				22													VAN BRAAM ST TO MILTENBERGER ST	LT/RT	152+50.00 TO 156+00.00
	244	176	152			1	101		2	104			256																	MILTENBERGER ST TO GIST ST	LT/RT	156+00.00 TO 161+25.00
	442			311	1	1			1	81			236				22													GIST ST TO JUMONVILLE ST	LT/RT	161+25.00 TO 166+25.00
																														JUMONVILLE ST TO SENECA ST	LT/RT	166+25.00 TO 171+00.00
PHASE 1 - STAGE C																																
										203			394	339			33													CROSTOWN BLVD TO BOYD ST	LT/RT	117+00.00 TO 122+75.00
										374	5		298				22													BOYD ST TO ARMSTRONG TUNNEL	LT/RT	122+75.00 TO 126+50.00
										123	2		211				22									8				ARMSTRONG TUNNEL TO CHATHAM SQUARE	LT/RT	126+50.00 TO 129+25.00
		512					368	1	2	146			452				22													CHATHAM SQUARE TO MAGEE ST	LT/RT	129+25.00 TO 136+75.00
										77			395				22													MAGEE ST TO STEVENSON ST	LT/RT	136+75.00 TO 141+75.00
		216					130	2		124			577				22													STEVENSON ST TO PRIDE ST	LT/RT	141+75.00 TO 145+75.00
										25			372																	PRIDE ST TO MARION ST	LT/RT	145+75.00 TO 148+25.00
													113																	MARION ST TO VAN BRAAM ST	LT/RT	148+25.00 TO 152+50.00
0	1790	1832	1219		5	5	1254	6	6	0	1946	9	0	394	5813	0	0	275	0	0	0	0	0	0	0	0	0	8	SUBTOTAL SHEET 5 OF 7			



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(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
 BUS RAPID TRANSIT UPTOWN TO OAKLAND
 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 TABULATION SHEET

CONTRACT NO. BRT-001
 DWG. NO. MT14 SHT. 927

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**TABULATION OF TRAFFIC CONTROL ITEMS IN MAINTENANCE AND PROTECTION OF TRAFFIC DURING CONSTRUCTION,
 SEPARATE PAY ITEMS - UPTOWN SECTION - FORBES AVE**

01784.001 LS	01784.002 LF	01784.003 LF	01795.001 LF	01795.002 LF	01795.003 EACH	01795.004 EACH	01795.005 EACH	01795.006 EACH	01796.001 DOLLA	02764.001 SF	02764.002 EACH	01811.001 DOLLA	01881.002 LF	01881.003 LF	01881.004 LF	01881.005 LF	01881.006 LF	01881.007 EACH	01881.008 EACH	01881.009 EACH	01881.010 EACH	01881.011 EACH	01881.009 DAY	01881.010 DAY	01881.011 SF	01882.001 EACH	ITEM NUMBER	UNIT	REMARKS	SIDE	STATION	
																														PHASE 2A - SUBSTAGE 1		
										288				650																GIST ST TO JUMONVILLE ST	LT/RT	161+00.00 TO 166+25.00
		476					419	1		53	1			132															JUMONVILLE ST TO SENECA ST	LT/RT	166+25.00 TO 171+25.00	
		398					293	1	1	50	1			124															SENECA ST TO MOULTRIE ST	LT/RT	171+25.00 TO 175+25.00	
		297					200	1		163				100															MOULTRIE ST TO BIRMINGHAM BRIDGE	LT/RT	175+25.00 TO 181+00.00	
																													PHASE 2A SUBPHASE 2			
		452																											JUMONVILLE ST TO SENECA ST	LT/RT	166+25.00 TO 171+25.00	
		345																											SENECA ST TO MOULTRIE ST	LT/RT	171+25.00 TO 175+25.00	
																													PHASE 2B SUBPHASE 1			
										230				489															STEVENSON ST TO PRIDE ST	LT/RT	141+50.00 TO 145+75.00	
		223					113	1		80	1			132															PRIDE ST TO MARION ST	LT/RT	145+75.00 TO 148+25.00	
		403					347	1		71	1			122															MARION ST TO VAN BRAAM ST	LT/RT	148+25.00 TO 152+50.00	
		315					228	1	1	90	1			144															VAN BRAAM ST TO MILTENBERGER ST	LT/RT	152+50.00 TO 156+00.00	
		511	15				438	1		84	1			140															MILTENBERGER ST TO GIST ST	LT/RT	156+00.00 TO 161+25.00	
	148	312	398					1		123	1			168															GIST ST TO JUMONVILLE ST	LT/RT	161+25.00 TO 166+50.00	
																													PHASE 2B SUBPHASE 2			
		167																											PRIDE ST TO MARION ST	LT/RT	145+75.00 TO 148+25.00	
		374																											MARION ST TO VAN BRAAM ST	LT/RT	148+25.00 TO 152+50.00	
		295																											VAN BRAAM ST TO MILTENBERGER ST	LT/RT	152+50.00 TO 156+00.00	
		480																											MILTENBERGER ST TO GIST ST	LT/RT	156+00.00 TO 161+25.00	
		442																											GIST ST TO JUMONVILLE ST	LT/RT	161+25.00 TO 166+50.00	
																													PHASE 2 - STAGE C			
										128				225																CROSTOWN BLVD TO BOYD ST	LT/RT	120+00.00 TO 122+75.00
										142	1			373															BOYD ST TO ARMSTRONG TUNNEL	LT/RT	122+75.00 TO 126+50.00	
										95	1			303															ARMSTRONG TUNNEL TO CHATHAM SQUARE	LT/RT	126+50.00 TO 129+25.00	
										96	1			879															CHATHAM SQUARE TO MAGEE ST	LT/RT	129+25.00 TO 136+75.00	
										188	1			497															MAGEE ST TO STEVENSON ST	LT/RT	136+75.00 TO 141+75.00	
		192					307	1		212	1			134															STEVENSON ST TO PRIDE ST	LT/RT	141+50.00 TO 145+75.00	
										35																			PRIDE ST TO MARION ST	LT/RT	145+75.00 TO 148+25.00	
0	148	5682	413	0	0	2345	9	2	0	2128	12	0	0	4612	0	0	220	0	0	0	0	0	0	0	0	0	0	0	SUBTOTAL SHEET 6 OF 7			



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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS TABULATION SHEET	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. MT15	SHT. 928

UPTOWN SECTION - FIFTH AVENUE CONSTRUCTION SEQUENCE

AREA: FIFTH AVENUE (SIXTH AVENUE TO KIRKPATRICK STREET / BIRMINGHAM BRIDGE)

OTHER AREAS TO CONSIDER: SIXTH AVENUE IN DOWNTOWN, FORBES AVENUE IN UPTOWN

PHASE 1 STAGE A (PHASE 1A)

PRIOR TO BEGINNING PHASE 1A, PLACE UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1A DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 1A, THESE STOPS INCLUDE:

- DIAMOND ST
- WASHINGTON PL
- MAGEE ST
- STEVENSON ST

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 434+00 TO 456+75. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- UPTOWN WEST STATION
- PRIDE ST STATION

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

BEGIN THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1B DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PLACE THE PHASE 2A TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 433+00 TO 454+75 IN ACCORDANCE WITH PHASE 2A PLAN SHEETS. MAINTAIN A MINIMUM OF TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE UNLESS OTHERWISE INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2A BEGINS.

PHASE 1 STAGE B (PHASE 1B)

PRIOR TO BEGINNING PHASE 1B, COMPLETE THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN IN THE PHASE 1B DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

PHASE 1 STAGE B (PHASE 1B), CONT'D

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 1B, THESE STOPS INCLUDE:

- PRIDE ST
- VAN BRAAM ST
- DINWIDDIE ST
- GIST ST

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 456+75 TO 475+60. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- UPTOWN CENTRAL STATION

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

BEGIN THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1C DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PLACE THE PHASE 2B TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 454+75 TO 473+50 IN ACCORDANCE WITH PHASE 2B PLAN SHEETS. MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2B BEGINS.

PHASE 1 STAGE C (PHASE 1C)

PRIOR TO BEGINNING PHASE 1C, COMPLETE THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1C DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

ENSURE THE 60 DAY TEST PERIOD HAS BEEN COMPLETED AND THE BUS LANE OPERATIONS ALONG FORBES AVENUE IN OAKLAND ARE APPROVED BY THE AUTHORITY PRIOR TO ESTABLISHING THE PHASE 1C TRAFFIC PATTERN AND ELIMINATING THE EXISTING CONTRAFLOW BUS LANE ALONG FIFTH AVENUE INTO OAKLAND THAT BEGINS AT JUMONVILLE STREET.

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING WEST CURB LINE ALONG KIRKPATRICK STREET AS INDICATED. CLOSE EAST SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC ONTO EXISTING SIDEWALK ALONG WEST CURB LINE AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

PHASE 1 STAGE C (PHASE 1C) CONT'D

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 1C, THESE STOPS INCLUDE:

- JUMONVILLE ST
- SENECA ST
- MOULTRIE ST
- KIRKPATRICK ST

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 475+60 TO 492+10. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- JUMONVILLE ST STATION

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE EAST CURB, SIDEWALK AND PAVEMENT OF KIRKPATRICK STREET BETWEEN STATIONS 30+20 TO 31+55. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT, DRAINAGE, LANDSCAPING, SIGNING, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE THE PORTION OF THE PAVEMENT ALONG KIRKPATRICK STREET SHOWN IN THE CROSS-HATCH PATTERN UTILIZING SHORT-TERM PAVING OPERATIONS. COMPLETE WORK DURING ALLOWABLE OVERNIGHT AND WEEKEND WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 106, 107, 109, AND 110 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

BEGIN THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE OAKLAND PHASE 1A DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE PHASE 1C

CONTINUE MAINTAINING TWO 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED EAST CURB LINE ALONG KIRKPATRICK STREET AS INDICATED. CLOSE WEST SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC ONTO PROPOSED SIDEWALK ALONG EAST CURB LINE AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

CONTINUE MAINTAINING ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN IN PHASE 1C.

CONTINUE MAINTAINING RELOCATED EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN IN PHASE 1C.

CONTINUE REMOVING EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 475+60 TO 492+10. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.



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Table with columns: NO., DATE, DESCRIPTION, REVISIONS

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE FEDERAL TRANSIT ADMINISTRATION, U.S. DEPARTMENT OF TRANSPORTATION, UNDER THE URBAN MASS TRANSPORTATION ACT OF 1984, AS AMENDED, FOR THE PORT AUTHORITY OF ALLEGHENY COUNTY, PENNSYLVANIA.

(NOT FOR CONSTRUCTION)

Table with columns: DESIGNED (GM), DRAWN (MRM/JC), CHECKED (GM), IN CHARGE (JKM), DATE (05/01/24), SCALE (AS SHOWN)

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UPTOWN SECTION - FIFTH AVENUE CONSTRUCTION SEQUENCE CONT'D

AREA: FIFTH AVENUE (SIXTH AVENUE TO KIRKPATRICK STREET / BIRMINGHAM BRIDGE)

OTHER AREAS TO CONSIDER: SIXTH AVENUE IN DOWNTOWN, FORBES AVENUE IN UPTOWN

SUBSTAGE PHASE 1C CONT'D

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE WEST CURB, SIDEWALK AND PAVEMENT BETWEEN STATIONS 30+20 TO 31+55. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT, DRAINAGE, LANDSCAPING, SIGNING, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WITH THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE OAKLAND PHASE 1A DRAWINGS AS COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

REMOVE PHASE 1C TRAFFIC CONTROL DEVICES AND CONTINUE TO MAINTAIN THE PAVEMENT MARKINGS FOR THE TWO 11-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED. INSTALL BROKEN WHITE PAVEMENT MARKINGS FOR THE TWO 11-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE BETWEEN STATIONS 473+50 TO 480+50 AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2C BEGINS.

PHASE 2 STAGE A (PHASE 2A)

MAINTAIN TWO 10-FOOT MINIMUM LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. CLOSE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 2A, THESE STOPS INCLUDE:

- DIAMOND ST
- WASHINGTON PL
- MAGEE ST
- STEVENSON ST

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND BIKE LANE BETWEEN STATIONS 434+00 TO 456+75. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

REMOVE PHASE 2A TRAFFIC CONTROL DEVICES AND CONTINUE TO MAINTAIN THE PAVEMENT MARKINGS FOR THE TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED UNTIL WORK ASSOCIATED WITH PHASE 3 BEGINS.

PHASE 2 STAGE B (PHASE 2B)

MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. CLOSE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 2B, THESE STOPS INCLUDE:

- PRIDE ST
- VAN BRAAM ST
- DINWIDDIE ST
- GIST ST

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND BIKE LANE BETWEEN STATIONS 456+75 TO 475+60. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2B

CONTINUE MAINTAINING TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. MAINTAIN PEDESTRIAN TRAFFIC ON 5-FOOT PORTION OF COMPLETED SIDEWALK AS SHOWN WHILE CONTINUING TO MAINTAIN TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

CONTINUE MAINTAINING ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN IN PHASE 2B. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

CONTINUE MAINTAINING RELOCATED EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN IN PHASE 2B.

CONTINUE REMOVING EXISTING CURB AND SIDEWALK AND CONSTRUCTING THE SOUTH SIDEWALK AND BIKE LANE BETWEEN STATIONS 456+75 TO 475+60. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1B AS SHOWN IN PHASE 2B. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2B CONT'D

REMOVE PHASE 2B TRAFFIC CONTROL DEVICES AND CONTINUE TO MAINTAIN THE PAVEMENT MARKINGS FOR THE TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED UNTIL WORK ASSOCIATED WITH PHASE 3 BEGINS.

PHASE 2 STAGE C (PHASE 2C)

MAINTAIN ONE 12-FOOT LANE ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. CLOSE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 2C, THESE STOPS INCLUDE:

- JUMONVILLE ST
- SENECA ST
- MOULTRIE ST
- KIRKPATRICK ST

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND BIKE LANE BETWEEN STATIONS 475+60 TO 492+10. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

REMOVE PHASE 2C TRAFFIC CONTROL DEVICES AND INSTALL BROKEN WHITE PAVEMENT MARKINGS FOR THE TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE UNTIL WORK ASSOCIATED WITH PHASE 3 BEGINS.



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NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	GM
DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT18	SHT. 931

UPTOWN SECTION - FIFTH AVENUE CONSTRUCTION SEQUENCE CONT'D

AREA: FIFTH AVENUE (SIXTH AVENUE TO KIRKPATRICK STREET / BIRMINGHAM BRIDGE)

OTHER AREAS TO CONSIDER: SIXTH AVENUE IN DOWNTOWN, FORBES AVENUE IN UPTOWN

PHASE 3

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS BETWEEN THE CURB LINES WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 102, 106, 107, 109, 110, AND 126 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

CONTINUE MAINTAINING ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES.

APPLY PROPOSED PAVEMENT MARKINGS.

INSTALL ANY REMAINING PROPOSED SIGNING NOT PREVIOUSLY INSTALLED.

CONTINUE CONSTRUCTION ACTIVITIES ASSOCIATED PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

CONTINUE WORK ASSOCIATED WITH INITIALIZING THE OPERATION OF PROPOSED TRAFFIC SIGNALS WITH APPROVAL OF CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.

CONTINUE WORK ASSOCIATED WITH THE REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT NO LONGER IN USE AND DELIVER TO CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS IN ACCORDANCE WITH LOCATION AGREED TO.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PHASE 4

AN ALTERNATIVE FOR APPLYING BUS LANE MARKINGS AND INITIALIZING THE BUS LANE OPERATIONS IS AS FOLLOWS:

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS CLOSE THE PROPOSED BUS LANE ALONG FIFTH AVENUE AND MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO COMPLETE WORK ASSOCIATED WITH APPLYING THE BUS LANE MARKINGS AND ESTABLISHING THE BUS LANE OPERATION. WORK ASSOCIATED WITH THE BUS LANE MARKINGS SHALL BEGIN AT THE TRAILING END OF FIFTH AVENUE NEAR DOWNTOWN AND CONTINUE UPSTATION TO THE KIRKPATRICK STREET / BIRMINGHAM BRIDGE INTERSECTION.

LIMIT THE LENGTH OF THE WORK AREAS ONLY TO THE LENGTH THAT THE BUS LANE MARKINGS CAN BE APPLIED / DRIED AND THE ROADWAY OPENED TO UNRESTRICTED TRAFFIC WITH BUSES TRAVELING IN THE NEWLY PAINTED BUS LANE BY THE TIME ALLOTTED.

COMPLETE CONSTRUCTION ACTIVITIES ASSOCIATED PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE WORK ASSOCIATED WITH INITIALIZING THE OPERATION OF PROPOSED TRAFFIC SIGNALS WITH APPROVAL OF CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.

COMPLETE WORK ASSOCIATED WITH THE REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT NO LONGER IN USE AND DELIVER TO CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS IN ACCORDANCE WITH LOCATION AGREED TO.

COMPLETE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

OAKLAND SECTION - FIFTH AVENUE CONSTRUCTION SEQUENCE

AREA: FIFTH AVENUE (KIRKPATRICK STREET / BIRMINGHAM BRIDGE TO BELLEFIELD AVENUE)

OTHER AREAS TO CONSIDER: BELLEFIELD AVENUE AND FORBES AVENUE IN OAKLAND

PHASE 1 STAGE A (PHASE 1A)

PRIOR TO BEGINNING PHASE 1A, COMPLETE THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1A DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 492+10 TO 508+10. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- SOHO STATION

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

BEGIN THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1B DRAWINGS AS COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PLACE THE PHASE 2A TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 491+25 TO 509+90 IN ACCORDANCE WITH PHASE 2A PLAN SHEETS. MAINTAIN TWO 11-FOOT LANES, UNLESS OTHERWISE NOTED, ALONG THE PROPOSED NORTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2A BEGINS.

PHASE 1 STAGE B (PHASE 1B)

PRIOR TO BEGINNING PHASE 1B, COMPLETE THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1B PLAN DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN THREE 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE PORTIONS OF THE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 516+80 TO 518+50. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- WEST OAKLAND STATION

PHASE 1 STAGE B (PHASE 1B), CONT'D

COMPLETE THE PORTIONS OF THE SIDEWALK, CURB AND MEDIAN ISLAND SHOWN IN THE CROSS-HATCH PATTERN UTILIZING SHORT-TERM OPERATIONS. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 102, 106, 107, 109, AND 110 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

BEGIN THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1C DRAWINGS AS COMPLETED. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PLACE THE PHASE 2B TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 513+60 TO 525+75 IN ACCORDANCE WITH PHASE 2B PLAN SHEETS. MAINTAIN TWO 10-FOOT LANES AND THREE LANES (11', 11', AND 10') ALONG THE PROPOSED NORTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2B BEGINS.

PHASE 1 STAGE C (PHASE 1C)

PRIOR TO BEGINNING PHASE 1C, COMPLETE THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1C DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN THREE OR FOUR 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE PORTIONS OF THE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 1C, THESE STOPS INCLUDE:

- CHESTERFIELD RD
- ATWOOD ST STATION

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 527+10 TO 528+00, 533+30 TO 536+10, AND 538+30 TO 543+25. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- CHESTERFIELD RD STATION
- ATWOOD ST STATION

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

BEGIN THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1D DRAWINGS AS WORK COMPLETED. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PLACE THE PHASE 2C TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 526+20 TO 546+50 IN ACCORDANCE WITH PHASE 2C PLAN SHEETS. MAINTAIN THREE LANES (10', 11', AND 11') AND FOUR LANES (10', 10', 10', AND 11') ALONG THE PROPOSED NORTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2C BEGINS.



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Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	GM
DRAWN	MRM/JC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT19	SHT. 932

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OAKLAND SECTION - FIFTH AVENUE CONSTRUCTION SEQUENCE CONT'D

AREA: FIFTH AVENUE (KIRKPATRICK STREET / BIRMINGHAM BRIDGE TO BELLEFIELD AVENUE)

OTHER AREAS TO CONSIDER: BELLEFIELD AVENUE AND FORBES AVENUE IN OAKLAND

PHASE 1 STAGE D (PHASE 1D)

PRIOR TO BEGINNING PHASE 1D, COMPLETE THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES), WATERLINE UPGRADES, ELECTRICAL SERVICES, CONDUIT DUCTBANKS, AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN ON THE PHASE 1D DRAWINGS AS BEING COMPLETED WORK. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN THREE AND FOUR 11-FOOT LANES ALONG THE EXISTING SOUTH CURB LINE AS INDICATED. CLOSE PORTIONS OF THE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN. RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION AS SHOWN. IN PHASE 1C, THESE STOPS INCLUDE:

- THACKERAY AVE
- BIGELOW BLVD

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS BETWEEN STATIONS 546+50 TO 547+50, 550+80 TO 554+80, 556+30 TO 557+80, 559+25 TO 565+00, 565+20 TO 569+25, AND 572+50 TO 574+25. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB PAVEMENT ADJUSTMENTS, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- BIGELOW BLVD STATION
- TENNYSON AVE STATION

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

PLACE THE PHASE 2D TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 548+50 TO 565+70 IN ACCORDANCE WITH PHASE 2D PLAN SHEETS. MAINTAIN FOUR LANES (10, 10, 10 AND 11), UNLESS OTHERWISE NOTED, AND THREE 10 FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2D BEGINS.

PHASE 2 STAGE A (PHASE 2A)

MAINTAIN TWO 11-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. CLOSE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND CURB BETWEEN STATIONS 491+90 TO 508+75. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2A

CONTINUE MAINTAINING TWO 11-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. DIVERT PEDESTRIAN TRAFFIC ONTO SIDEWALK ALONG THE NORTH CURB LINE WHILE CONTINUING TO MAINTAIN THE 5-FOOT TEMPORARY PEDESTRIAN PATH TO STATION 499+50 PROVIDING ACCESS TO ACTA PROGRAM CENTER AND CONTINUING TO MAINTAIN TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

CONTINUE MAINTAINING ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN IN PHASE 2A.

CONTINUE REMOVING EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND CURB BETWEEN STATIONS 491+90 TO 508+75. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND BIKE LANE BETWEEN STATIONS 508+75 TO 509+90. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

REMOVE PHASE 2A TRAFFIC CONTROL DEVICES AND CONTINUE TO MAINTAIN THE PAVEMENT MARKINGS FOR THE TWO 11-FOOT LANES AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 3 BEGINS.

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS BETWEEN THE CURB LINES WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS BETWEEN STATIONS 490+75 TO 508+10. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 102, 106, 107, 109, 110, AND 126 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

APPLY PROPOSED PAVEMENT MARKINGS.

INSTALL ANY REMAINING PROPOSED SIGNING NOT PREVIOUSLY INSTALLED.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE OVERNIGHT AND WEEKEND WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PHASE 2 STAGE B (PHASE 2B)

CONTINUE MAINTAINING PEDESTRIAN TRAFFIC DIVERTED ONTO SIDEWALK ALONG THE NORTH CURB LINE MAINTAINING PEDESTRIAN TO STATION 499+50 ON PROPOSED SIDEWALK ALONG SOUTH CURB LINE PROVIDING ACCESS TO ACTA PROGRAM CENTER.

MAINTAIN TWO 11-FOOT LANES, UNLESS OTHERWISE NOTED, AND THREE LANES (11', 11', AND 10') ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. CLOSE SOUTH SIDEWALK BETWEEN STATIONS 519+20 TO 525+50 AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

PHASE 2 STAGE B (PHASE 2B) CONT'D

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND STATIONS BETWEEN STATION 510+20 TO 525+75. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, REMOVAL OF RAILING, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2B

CONTINUE MAINTAINING PEDESTRIAN TRAFFIC DIVERTED ONTO SIDEWALK ALONG THE NORTH CURB LINE MAINTAINING PEDESTRIAN TO STATION 499+50 ON PROPOSED SIDEWALK ALONG SOUTH CURB LINE PROVIDING ACCESS TO ACTA PROGRAM CENTER.

CONTINUE MAINTAINING TWO 11-FOOT LANES, UNLESS OTHERWISE NOTED, AND REDUCE THE THREE LANES (11', 11', AND 10') TO TWO 11-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED BY RESETTING THE TEMPORARY CONCRETE BARRIER AND MAINTAIN PEDESTRIAN TRAFFIC BETWEEN STATIONS 519+20 TO 525+50 ON 5-FOOT PORTION OF COMPLETED SIDEWALK AS INDICATED ON THE TYPICAL SECTIONS WHILE CONTINUING TO MAINTAIN TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

CONTINUE REMOVING EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND CURB BETWEEN STATION 510+20 TO 518+60. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. SAW CUT AND REMOVE EXISTING PAVEMENT AND CONSTRUCT LANE SEPARATOR CURB BETWEEN STATION 519+20 TO 525+45.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS OF THE PROPOSED BIKE LANES BETWEEN THE CURB LINES WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS BETWEEN STATIONS 518+90 TO 526+00. COMPLETE WORK IMPACTING INTERSECTIONS DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 102, 106, 107, 109, 110, AND 126 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

APPLY PROPOSED PAVEMENT MARKINGS.

INSTALL ANY REMAINING PROPOSED SIGNING NOT PREVIOUSLY INSTALLED.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE OVERNIGHT AND WEEKEND WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.



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(NOT FOR CONSTRUCTION)

DESIGNED	GM
DRAWN	MRM/JC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT20	SHT. 933

OAKLAND SECTION - FIFTH AVENUE CONSTRUCTION SEQUENCE CONT'D

AREA: FIFTH AVENUE (KIRKPATRICK STREET / BIRMINGHAM BRIDGE TO BELLEFIELD AVENUE)

OTHER AREAS TO CONSIDER: BELLEFIELD AVENUE AND FORBES AVENUE IN OAKLAND

PHASE 2 STAGE C (PHASE 2C)

MAINTAIN THREE LANES (10', 10', AND 11') AND FOUR LANES (10', 10', 10', AND 11') ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. CLOSE PORTIONS OF THE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC, UNLESS OTHERWISE NOTED, INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND CURB BETWEEN STATION 525+90 TO 543+60. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, REMOVAL OF RAILING, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2C

REDUCE THE THREE LANES (10', 10', AND 11') TO TWO 11-FOOT LANES AND THE FOUR LANES (10', 10', 10', AND 11') TO THREE LANES (10', 10', AND 10') ALONG THE PROPOSED NORTH CURB LINE AS INDICATED BY RESETTING THE TEMPORARY CONCRETE BARRIER AND MAINTAIN PEDESTRIAN TRAFFIC BETWEEN STATIONS 525+90 TO 539+40 ON 5-FOOT PORTION OF COMPLETED SIDEWALK AS INDICATED ON THE TYPICAL SECTIONS WHILE CONTINUING TO MAINTAIN TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

CONTINUE MAINTAINING ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

SAW CUT AND REMOVE EXISTING PAVMENT AND CONSTRUCT LANE SEPARATOR CURB BETWEEN STATION 526+10 TO 543+45.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS OF THE PROPOSED BIKE LANES BETWEEN THE CURB LINES WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS BETWEEN STATIONS 526+00 TO 544+00. COMPLETE WORK IMPACTING INTERSECTIONS DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 102, 106, 107, 109, 110, AND 126 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

APPLY PROPOSED PAVEMENT MARKINGS.

INSTALL ANY REMAINING PROPOSED SIGNING NOT PREVIOUSLY INSTALLED.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PHASE 2 STAGE D (PHASE 2D)

MAINTAIN FOUR LANES (10', 10', 10', AND 11') AND THREE LANES (10', 10', AND 11') ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. MAINTAIN PEDESTRIANS ON THE EXISTING SIDEWALK PLACING FENCE ALONG THE WORK AREA WHILE MAINTAINING A MINIMUM OF A 5-FOOT WALK PATH BETWEEN STATIONS 544+00 TO 560+25 AND CLOSE PORTIONS OF THE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH BETWEEN STATIONS 560+25 TO 564+10 AS SHOWN. PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND CURB BETWEEN STATION 543+75 TO 564+10. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, PAVEMENT ADJUSTMENTS, REMOVAL OF RAILING, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2D

REDUCE THE FOUR LANES (10', 10', 10', AND 13') TO THREE LANES (10', 10', AND 10') AND MAINTAIN THE THREE LANES (10', 10', AND 10') ALONG THE PROPOSED NORTH CURB LINE AS INDICATED BY RESETTING THE TEMPORARY CONCRETE BARRIER AND MAINTAIN PEDESTRIAN TRAFFIC BETWEEN STATIONS 544+00 TO 564+25 ON 5-FOOT PORTION OF COMPLETED SIDEWALK AS INDICATED ON THE TYPICAL SECTIONS WHILE CONTINUING TO MAINTAIN TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

CONTINUE MAINTAINING ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

SAW CUT AND REMOVE EXISTING PAVMENT AND CONSTRUCT LANE SEPARATOR CURB AND BUMP OUT ISLANDS BETWEEN STATION 544+00 TO 564+25.

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO REMOVE PORTIONS OF EXISTING CURB AND SIDEWALK AND CONSTRUCT / INSTALL NEW CURB RAMPS, DRIVEWAY APRONS, MINOR CURB / SIDEWALK SECTIONS.

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS OF THE PROPOSED BIKE LANES BETWEEN THE CURB LINES WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS BETWEEN STATIONS 544+00 TO 564+40. COMPLETE WORK IMPACTING INTERSECTIONS DURING ALLOWABLE OVERNIGHT AND WEEKEND WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 102, 106, 107, 109, 110, AND 126 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

APPLY PROPOSED PAVEMENT MARKINGS.

INSTALL ANY REMAINING PROPOSED SIGNING NOT PREVIOUSLY INSTALLED.

CONTINUE CONSTRUCTION ACTIVITIES ASSOCIATED PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

CONTINUE WORK ASSOCIATED WITH INITIALIZING THE OPERATION OF PROPOSED TRAFFIC SIGNALS WITH APPROVAL OF CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.

CONTINUE WORK ASSOCIATED WITH THE REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT NO LONGER IN USE AND DELIVER TO CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS IN ACCORDANCE WITH LOCATION AGREED TO.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PHASE 3

AN ALTERNATIVE FOR APPLYING BUS LANE MARKINGS AND INITIALIZING THE BUS LANE OPERATIONS IS AS FOLLOWS:

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS CLOSE THE PROPOSED BUS LANE ALONG FIFTH AVENUE AND MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO COMPLETE WORK ASSOCIATED WITH APPLYING THE BUS LANE MARKINGS AND ESTABLISHING THE BUS LANE OPERATION. WORK ASSOCIATED WITH THE BUS LANE MARKINGS SHALL BEGIN AT THE TRAILING END OF FIFTH AVENUE NEAR THE KIRKPATRICK STREET / BIRMINGHAM BRIDGE INTERSECTION AND CONTINUE UPSTATION TO WHERE IT ENDS IN OAKLAND.

LIMIT THE LENGTH OF THE WORK AREAS ONLY TO THE LENGTH THAT THE BUS LANE MARKINGS CAN BE APPLIED / DRIED AND THE ROADWAY OPENED TO UNRESTRICTED TRAFFIC WITH BUSES TRAVELING IN THE NEWLY PAINTED BUS LANE BY THE TIME ALLOTTED.

COMPLETE CONSTRUCTION ACTIVITIES ASSOCIATED PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE WORK ASSOCIATED WITH INITIALIZING THE OPERATION OF PROPOSED TRAFFIC SIGNALS WITH APPROVAL OF CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.

COMPLETE WORK ASSOCIATED WITH THE REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT NO LONGER IN USE AND DELIVER TO CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS IN ACCORDANCE WITH LOCATION AGREED TO.

COMPLETE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.



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(NOT FOR CONSTRUCTION)

DESIGNED	GM
DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT21	SHT. 934

OAKLAND SECTION - FORBES AVENUE CONSTRUCTION SEQUENCE

AREA: BIGELOW BLVD STATION

OTHER AREAS TO CONSIDER: FIFTH BETWEEN BIGELOW AND DARRAGH, FIFTH BETWEEN BELLEFIELD AND BIGELOW, BELLEFIELD BETWEEN FORBES AND FIFTH

PHASE 1 - STAGE A (PHASE 1A)

MAINTAIN THREE (3) 11-FOOT (MINIMUM) LANES ALONG FORBES AVENUE APPROACHING BIGELOW BOULEVARD AND PROVIDE EXCLUSIVE EASTBOUND RIGHT-TURN LANE ON FORBES AVENUE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN TWO (2) 11-FOOT (MINIMUM) LANES ALONG FORBES AVENUE APPROACHING BELLEFIELD AVENUE AS INDICATED IN MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE AND PROVIDE A 7-FOOT EASTBOUND BIKE LANE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS SHOWN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS SHOWN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

-BIGELOW BOULEVARD

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE BIGELOW STATION AND SOUTH SIDEWALK AS INDICATED IN THE TRAFFIC CONTROL PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

AT THE COMPLETION OF CONSTRUCTION WORK FOR PHASE 1A, USING PATA FIGURE 126, MAINTAIN ONE 11-FOOT MINIMUM LANE OF TRAFFIC AT ALL TIMES. PLACE THE FINAL PAVEMENT MARKINGS BETWEEN STATIONS 240+00.00 TO 253+00.00.

AREA: CENTRAL OAKLAND STATION

OTHER AREAS TO CONSIDER: FIFTH BETWEEN BIGELOW AND DARRAGH, FIFTH BETWEEN BELLEFIELD AND BIGELOW

PHASE 1 - STAGE B (PHASE 1B)

PRIOR TO BEGINNING PHASE 1B, COMPLETE THE PLACEMENT OF UNDERGROUND ELECTRICAL CONDUIT AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN IN THE PHASE 1C PLAN SHEETS BETWEEN STATIONS 235+33 TO 235+86. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN THREE (3) LANES (11- FEET, 10- FEET, AND 11- FEET) ALONG FORBES AVENUE APPROACHING BOUQUET STREET AND PROVIDE EXCLUSIVE EASTBOUND RIGHT-TURN LANE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN TWO (2) 11-FOOT (MINIMUM) LANES ALONG FORBES AVENUE PAST BOUQUET STREET AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

-BOUQUET STREET (PITT LAW SCHOOL)

THIS STOP IS TO BE COMBINED WITH THE STOP AT OAKLAND AVENUE DURING CONSTRUCTION.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT CENTRAL OAKLAND STATION AND THE SOUTH SIDEWALK AS INDICATED IN THE TRAFFIC CONTROL PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS BETWEEN STATIONS 235+33 TO 235+96. COMPLETE WORK IMPACTING INTERSECTIONS DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

AT THE COMPLETION OF CONSTRUCTION WORK FOR PHASE 1B, USING PATA FIGURE 126, MAINTAIN ONE 11-FOOT MINIMUM LANE OF TRAFFIC AT ALL TIMES. PLACE THE FINAL PAVEMENT MARKINGS BETWEEN STATIONS 233+00.00 TO 240+00.00.



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DESIGNED	RRH
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE		
Port Authority <small>connecting people to life</small>		CONTRACT NO. BRT-001
DWG. NO. MT22	SHT. 935	

OAKLAND SECTION - FORBES AVENUE CONSTRUCTION SEQUENCE CONT'D

AREA: MCKEE PL STATION

OTHER AREAS TO CONSIDER: FIFTH AVENUE BETWEEN DARRAGH AND CRAFT, FIFTH BETWEEN BIGELOW AND DARRAGH

PHASE 1 - STAGE C (PHASE 1C)

PRIOR TO BEGINNING PHASE 1C, COMPLETE THE PLACEMENT OF UNDERGROUND ELECTRICAL CONDUIT AND WATER LINE AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN IN THE PHASE 1C PLAN SHEETS BETWEEN STATIONS 223+56 TO 225+06. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN TWO (2) 11-FOOT LANES ALONG FORBES AVENUE APPROACHING MCKEE PLACE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. CLOSE THE RIGHT CURB LANE.

MAINTAIN TWO (2) 11-FOOT (MINIMUM) LANES ALONG FORBES AVENUE APPROACHING SEMPLE STREET AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

-MCKEE PLACE

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE MCKEE PLACE STATION AND SOUTH SIDEWALK AS INDICATED IN THE TRAFFIC CONTROL PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS BETWEEN STATIONS 223+56 TO 225+05. COMPLETE WORK IMPACTING INTERSECTIONS DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

AT THE COMPLETION OF CONSTRUCTION WORK FOR PHASE 1C, USING PATA FIGURE 126, MAINTAIN ONE 11-FOOT MINIMUM LANE OF TRAFFIC AT ALL TIMES. PLACE THE FINAL PAVEMENT MARKINGS BETWEEN STATIONS 220+25.00 TO 233+00.00.

AREA: WEST OAKLAND STATION

OTHER AREAS TO CONSIDER: FIFTH AVENUE BETWEEN DARRAGH AND CRAFT, FIFTH BETWEEN CRAFT TO ALLIES RAMP

PHASE 1 - STAGE D (PHASE 1D)

PRIOR TO BEGINNING PHASE 1D, COMPLETE THE PLACEMENT OF UNDERGROUND ELECTRICAL CONDUIT AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN IN THE PHASE 1C PLAN SHEETS BETWEEN STATIONS 209+87 TO 211+30. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN TWO (2) 11-FOOT (MINIMUM) LANES ON FORBES AVENUE APPROACHING CRAFT AVENUE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN TWO (2) LANES (10-FEET AND 11-FEET) ALONG FORBES AVENUE PAST CRAFT AVENUE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

-CRAFT AVENUE

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE WEST OAKLAND STATION AND SOUTH SIDEWALK AS INDICATED IN THE TRAFFIC CONTROL PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE PORTION OF SIDEWALK BETWEEN STATIONS 216+96 TO 217+31. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, WATER LINE, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS BETWEEN STATIONS 209+84 TO 211+81. COMPLETE WORK IMPACTING INTERSECTIONS DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE, ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

AT THE COMPLETION OF CONSTRUCTION WORK FOR PHASE 1D, USING PATA FIGURE 126, MAINTAIN ONE 11-FOOT MINIMUM LANE OF TRAFFIC AT ALL TIMES. PLACE THE FINAL PAVEMENT MARKINGS BETWEEN STATIONS 206+25.00 TO 220+25.00.

PHASE 3

AN ALTERNATIVE FOR APPLYING BUS LANE MARKINGS AND INITIALIZING THE BUS LANE OPERATIONS IS AS FOLLOWS:

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS CLOSE THE PROPOSED BUS LANE ALONG FORBES AVENUE AND MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO COMPLETE WORK ASSOCIATED WITH APPLYING THE BUS LANE MARKINGS AND ESTABLISHING THE BUS LANE OPERATION. WORK ASSOCIATED WITH THE BUS LANE MARKINGS SHALL BEGIN AT THE TRAILING END OF FORBES AVENUE AT THE SCHENLEY DRIVE EXTENSION INTERSECTION AND CONTINUE BACKSTATION TOWARDS THE BRADY STREET / BIRMINGHAM BRIDGE INTERSECTION.

LIMIT THE LENGTH OF THE WORK AREAS ONLY TO THE LENGTH THAT THE BUS LANE MARKINGS CAN BE APPLIED / DRIED AND THE ROADWAY OPENED TO UNRESTRICTED TRAFFIC WITH BUSES TRAVELING IN THE NEWLY PAINTED BUS LANE BY THE TIME ALLOTTED.

COMPLETE CONSTRUCTION ACTIVITIES ASSOCIATED PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE WORK ASSOCIATED WITH INITIALIZING THE OPERATION OF PROPOSED TRAFFIC SIGNALS WITH APPROVAL OF CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.

COMPLETE WORK ASSOCIATED WITH THE REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT NO LONGER IN USE AND DELIVER TO CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS IN ACCORDANCE WITH LOCATION AGREED TO.

COMPLETE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.



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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT23	SHT. 936

UPTOWN SECTION - FORBES AVENUE CONSTRUCTION SEQUENCE

AREA: FORBES AVENUE (SHINGISS ST TO BLVD OF THE ALLIES)

OTHER AREAS TO CONSIDER: SIXTH AVENUE IN DOWNTOWN, FIFTH AVENUE UPTOWN

PHASE 1 STAGE A (PHASE 1A)

PRIOR TO BEGINNING PHASE 1A, PLACE UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES) AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN IN THE PHASE 1A PLAN SHEETS BETWEEN STATIONS 166+50 TO 178+75. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA 101, 102, 106, 107, 108, 109, 110, 126, 128, 129, 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING NORTH CURB LINE AS INDICATED IN THE TRAFFIC CONTROL PLAN. CLOSE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

- JUMONVILLE ST

CLOSE EXISTING STOPS AT SENECA STREET AND MOULTRIE STREET AND RELOCATE TO CORRESPONDING STOPS ON FIFTH AVENUE.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND STATIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- SOHO STATION

BEGIN THE PLACEMENT OF UNDERGROUND DRAINING FEATURES (INLET BOXES, PIPES, MANHOLES) AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN IN THE PHASE 1B PLAN SHEETS BETWEEN STATIONS 145+50 TO 166+50. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PLACE THE PHASE 2A TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 166+60 TO 180+75 IN ACCORDANCE WITH PHASE 2A PLAN SHEETS. MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2A BEGINS.

INSTALL PIPE ALONG MILTENBERGER STREET. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA 107. DO NOT LEAVE OPEN EXCAVATION AT CLOSE OF WORKDAY.

PHASE 1 STAGE B (PHASE 1B)

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING NORTH CURB LINE AS INDICATED. CLOSE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PHASE 1 STAGE B (PHASE 1B) CONT'D

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

- PRIDE STREET
- VAN BRAAM STREET
- MILTENBERGER STREET
- GIST STREET
- JUMONVILLE STREET

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND STATIONS UP TO THE BINDER COURSE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- JUMONVILLE STATION
- UPTOWN CENTRAL STATION

BEGIN THE PLACEMENT OF UNDERGROUND DRAINAGE FEATURES (INLET BOXES, PIPES, MANHOLES) AND BACKFILL TO GRADE WITH TEMPORARY PAVEMENT AS SHOWN IN THE PHASE 1C PLAN SHEETS BETWEEN STATIONS 121+00 TO 146+00. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 109, 110, 126, 128, 129, 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PLACE THE PHASE 2B TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 146+00 TO 166+00 IN ACCORDANCE WITH PHASE 2B PLAN SHEETS. MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2B BEGINS.

PHASE 1 STAGE C (PHASE 1C)

MAINTAIN TWO 11-FOOT LANES ALONG THE EXISTING NORTH CURB LINE AS INDICATED. CLOSE SOUTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PROHIBIT LEFT TURNS ON FORBES AVENUE FROM THE ARMSTRONG TUNNEL, NORTHBOUND SHINGISS STREET, AND NORTHBOUND BOYD ST. PROHIBIT RIGHT TURNS FROM SOUTHBOUND BOYD STREET AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. REVERSE TRAFFIC FLOW ON NORTHERN CURB LANE OF FORBES AVENUE FROM WESTBOUND TO EASTBOUND AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

CONSTRUCT DRIVEWAY APRON AT STA 139+73 RT IN THREE SEPARATE SECTIONS. MAINTAIN ACCESS TO ALL THREE GARAGE BAYS AT ALL TIMES. COORDINATE CLOSURE OF EACH SECTION OF APRON WITH FIRE CHIEF PRIOR TO PHYSICAL CLOSURE TO ALLOW FOR RELOCATION OF VEHICLES AS NEEDED.

PROVIDE AND MAINTAIN TEMPORARY ACCESS TO PARKING AREA UNTIL DRIVEWAY APRON AT STA 140+58 RT IS CONSTRUCTED AND OPEN TO TRAFFIC.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

- BOYD STREET
- CHATHAM SQUARE
- MAGEE STREET
- STEVENSON STREET
- PRIDE STREET

PHASE 1 STAGE C (PHASE 1C) CONT'D

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE SOUTH SIDEWALK AND STATIONS UP TO THE BINDER COURSE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, STATION PADS, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS. STATIONS INCLUDED IN THIS WORK ARE:

- PRIDE STREET STATION
- UPTOWN WEST STATION

COORDINATE WITH THE CONTRACTOR FROM THE ADJACENT ARMSTRONG TUNNEL PROJECT.

PLACE THE PHASE 2C TRAFFIC CONTROL TEMPORARY PAVEMENT MARKINGS FROM STATIONS 120+50 TO 141+50 IN ACCORDANCE WITH PHASE 2C PLAN SHEETS. MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED AND PLACE CHANNELIZING DEVICES SPACED AT A 25 FOOT INTERVAL WHERE TEMPORARY BARRIER IS SHOWN UNTIL WORK ASSOCIATED WITH PHASE 2C BEGINS.

PHASE 2 - STAGE A (PHASE 2A)

MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS INDICATED IN MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

- JUMONVILLE ST
- SENECA STREET
- MOULTRIE STREET

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT A MINIMUM OF 7- FEET OF THE NORTH SIDEWALK AS INDICATED IN THE TRAFFIC CONTROL PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 108, 109, 110, 126, 128, 129, 130, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2A:

MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED. MAINTAIN PEDESTRIAN TRAFFIC ON 5-FOOT PORTION OF COMPLETED SIDEWALK AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND BUMPOUTS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

REMOVE PHASE 2A TRAFFIC CONTROL DEVICES AND CONTINUE TO MAINTAIN THE PAVEMENT MARKINGS FOR THE TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED UNTIL WORK ASSOCIATED WITH PHASE 3 BEGINS.



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REVISIONS		

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(NOT FOR CONSTRUCTION)

DESIGNED	RRH	PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
DRAWN	RRH			
CHECKED	MRK	BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE		
IN CHARGE	GEC			
DATE	05/01/24		CONTRACT NO. BRT-001	
SCALE	AS SHOWN		DWG. NO.	MT24

UPTOWN SECTION - FORBES AVENUE CONSTRUCTION SEQUENCE CONT'D

AREA: FORBES AVENUE (SHINGISS ST TO BLVD OF THE ALLIES)

OTHER AREAS TO CONSIDER: SIXTH AVENUE IN DOWNTOWN, FIFTH AVENUE UPTOWN

PHASE 2 STAGE B (PHASE 2B)

MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

- STEVENSON STREET
- PRIDE STREET
- VAN BRAAM STREET
- MILTENBERGER STREET
- GIST STREET
- JUMONVILLE STREET.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT A MINIMUM OF 7- FEET OF THE SOUTH SIDEWALK AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 108, 109, 110, 126, 128, 129, 130, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

SUBSTAGE 2B:

MAINTAIN TWO 10-FOOT LANES ALONG THE PROPOSED NORTH CURB LINE AS INDICATED. MAINTAIN PEDESTRIAN TRAFFIC ON 5-FOOT PORTION OF COMPLETED SIDEWALK AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND BUMPOUTS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

REMOVE PHASE 2B TRAFFIC CONTROL DEVICES AND CONTINUE TO MAINTAIN THE PAVEMENT MARKINGS FOR THE TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED UNTIL WORK ASSOCIATED WITH PHASE 3 BEGINS.

PHASE 2 - STAGE C (PHASE 2C)

MAINTAIN TWO 11-FOOT LANES ALONG THE SOUTH CURB LINE AS INDICATED. CLOSE NORTH SIDEWALK AND DIVERT PEDESTRIAN TRAFFIC INTO 5-FOOT TEMPORARY PEDESTRIAN PATH AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PLACE TEMPORARY SIGNAGE, TEMPORARY PAVEMENT MARKINGS, TEMPORARY BARRIER, ATTENUATORS, FENCING, CHANNELIZING DEVICES AND BARRIER END SECTIONS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

PROHIBIT LEFT TURNS ON FORBES AVENUE FROM THE ARMSTRONG TUNNEL, NORTHBOUND SHINGISS STREET, AND NORTHBOUND BOYD ST. PROHIBIT RIGHT TURNS FROM SOUTHBOUND BOYD STREET. REVERSE TRAFFIC FLOW ON NORTHERN CURB LANE OF FORBES AVENUE FROM WESTBOUND TO EASTBOUND.

MAINTAIN ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES. PLACE TEMPORARY PEDESTRIAN BRIDGES AND PROVIDE BREAKS IN BARRIER AND FENCING TO MAINTAIN DRIVEWAY ACCESS AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN.

RELOCATE EXISTING PAAC BUS STOPS IMPACTED BY CONSTRUCTION, THIS INCLUDES:

- BOYD STREET
- CHATHAM SQUARE
- MAGEE STREET
- STEVENSON STREET
- PRIDE STREET

REMOVE EXISTING CURB AND SIDEWALK AND CONSTRUCT THE NORTH SIDEWALK AND STATIONS UP TO THE BINDER COURSE AS INDICATED IN THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. THIS WORK INCLUDES INSTALLATION OF ALL SIDEWALK, CURB, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COORDINATE WITH THE CONTRACTOR FROM THE ADJACENT ARMSTRONG TUNNEL PROJECT TO COMPLETE CONSTRUCTION OF TEARDROP ISLAND.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 102, 106, 107, 108, 109, 110, 126, 128, 129, 130, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

REMOVE PHASE 2C TRAFFIC CONTROL DEVICES AND INSTALL BROKEN WHITE PAVEMENT MARKINGS FOR THE TWO 10-FOOT LANES ALONG THE PROPOSED SOUTH CURB LINE AS INDICATED UNTIL WORK ASSOCIATED WITH PHASE 3 BEGINS.

PHASE 3

COMPLETE THE PROPOSED MILLING AND OVERLAY OPERATIONS BETWEEN THE CURB LINES WITHIN THE CONSTRUCTION LIMITS INDICATED ON THE CONSTRUCTION PLANS. COMPLETE WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 102, 106, 107, 109, 110, AND 126 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE. WHEN MILL AND OVERLAY OPERATIONS ARE IN PLACE ENSURE THAT THE MILLED SURFACE HAS, AT A MINIMUM, THE BINDER COURSE PLACEMENT COMPLETED BEFORE OPENING TO TRAFFIC.

CONTINUE MAINTAINING ACCESS TO ALL BUSINESSES AND RESIDENCES AT ALL TIMES.

APPLY PROPOSED PAVEMENT MARKINGS.

INSTALL ANY REMAINING PROPOSED SIGNING NOT PREVIOUSLY INSTALLED.

CONTINUE CONSTRUCTION ACTIVITIES ASSOCIATED PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

CONTINUE WORK ASSOCIATED WITH INITIALIZING THE OPERATION OF PROPOSED TRAFFIC SIGNALS WITH APPROVAL OF CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.

CONTINUE WORK ASSOCIATED WITH THE REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT NO LONGER IN USE AND DELIVER TO CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS IN ACCORDANCE WITH LOCATION AGREED TO.

CONTINUE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.

PHASE 4

AN ALTERNATIVE FOR APPLYING BUS LANE MARKINGS AND INITIALIZING THE BUS LANE OPERATIONS IS AS FOLLOWS:

USING SHORT-TERM OPERATIONS DURING ALLOWABLE WORKING HOURS CLOSE THE PROPOSED BUS LANE ALONG FORBES AVENUE AND MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, 130, AS SPECIFIED IN THE CONTRACT DOCUMENTS, OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE TO COMPLETE WORK ASSOCIATED WITH APPLYING THE BUS LANE MARKINGS AND ESTABLISHING THE BUS LANE OPERATION. WORK ASSOCIATED WITH THE BUS LANE MARKINGS SHALL BEGIN AT THE TRAILING END OF FORBES AVENUE AT THE BRADY STREET / BIRMINGHAM BRIDGE INTERSECTION AND CONTINUE BACKSTATION TOWARDS DOWNTOWN.

LIMIT THE LENGTH OF THE WORK AREAS ONLY TO THE LENGTH THAT THE BUS LANE MARKINGS CAN BE APPLIED / DRIED AND THE ROADWAY OPENED TO UNRESTRICTED TRAFFIC WITH BUSES TRAVELING IN THE NEWLY PAINTED BUS LANE BY THE TIME ALLOTTED.

COMPLETE CONSTRUCTION ACTIVITIES ASSOCIATED PAVEMENT ADJUSTMENTS, BIKE LANE, DRAINAGE, LANDSCAPING, SIGNING, TRAFFIC SIGNAL SUPPORTS, JUNCTION BOXES, CONDUITS, AND EQUIPMENT, LIGHTING SUPPORTS AND EQUIPMENT, AND OTHER ITEMS AS SHOWN ON THE CONSTRUCTION PLANS.

COMPLETE WORK ASSOCIATED WITH INITIALIZING THE OPERATION OF PROPOSED TRAFFIC SIGNALS WITH APPROVAL OF CITY OF PITTSBURGH DEPARTMENT OF MOBILITY AND INFRASTRUCTURE.

COMPLETE WORK ASSOCIATED WITH THE REMOVAL OF ANY EXISTING SIGNAL EQUIPMENT NO LONGER IN USE AND DELIVER TO CITY OF PITTSBURGH DEPARTMENT OF PUBLIC WORKS IN ACCORDANCE WITH LOCATION AGREED TO.

COMPLETE WORK ASSOCIATED WITH INSTALLING THE VARIOUS STATION FEATURES ON THE STATION PADS PLACED DURING PHASE 1. COMPLETE STATION WORK DURING ALLOWABLE WORKING HOURS. MAINTAIN TRAFFIC IN ACCORDANCE WITH PATA FIGURES 101, 107, 109, 110, 126, 128, 129, AND 130 OR AS DIRECTED BY THE AUTHORITY REPRESENTATIVE.



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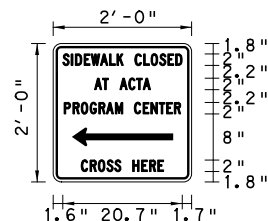
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(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS CONSTRUCTION SEQUENCE		
Port Authority <small>connecting people to life®</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT25	SHT. 938



SP-1
 WIDTH x HEIGHT: 2'-0" x 2'-0"
 BORDER RADIUS: 1.0"
 BORDER THICKNESS: 0.4"
 BORDER INSET: 0.4"
 BACKGROUND: RETROREFLECTIVE-ORANGE
 LEGEND/BORDER: NON-REFLECTIVE-BLACK/BLACK
 (SIDEWALK CLOSED) BLACK SERIES C/2"
 (AT ACTA) BLACK SERIES C/2"
 (PROGRAM CENTER) BLACK SERIES C/2"
 (CROSS HERE) BLACK SERIES C/2"
 LETTER SPACING ARE TO START OF NEXT LETTER

LETTER POSITIONS (X)															LENGTH	SERIES/SIZE						
S	I	D	E	W	A	L	K		C	L	O	S	E	D							C 2000	
1.6	3.1	3.8	5.3	6.5	8.2	9.7	11	12.2	14.2	15.7	16.9	18.4	19.9	21.2							20.7	2
A	T		A	C	T	A																C 2000
7.1	8.5	9.6	11.6	13.1	14.4	15.6															9.7	2
P	R	O	G	R	A	M		C	E	N	T	E	R									C 2000
1.9	3.4	4.8	6.4	7.9	9.2	10.7	12.1	14.1	15.6	16.9	18.3	19.6	21								20.2	2
C	R	O	S	S		H	E	R	E													C 2000
4.9	6.4	7.8	9.3	10.6	11.8	13.8	15.3	16.7	18.1												14.3	2



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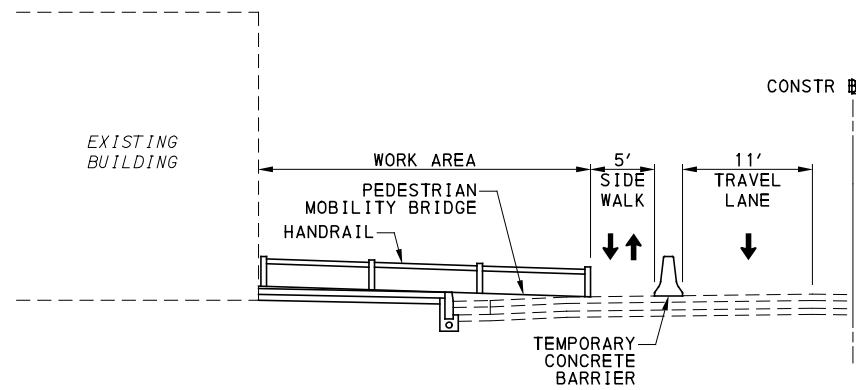
(NOT FOR CONSTRUCTION)

DESIGNED	GM
DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

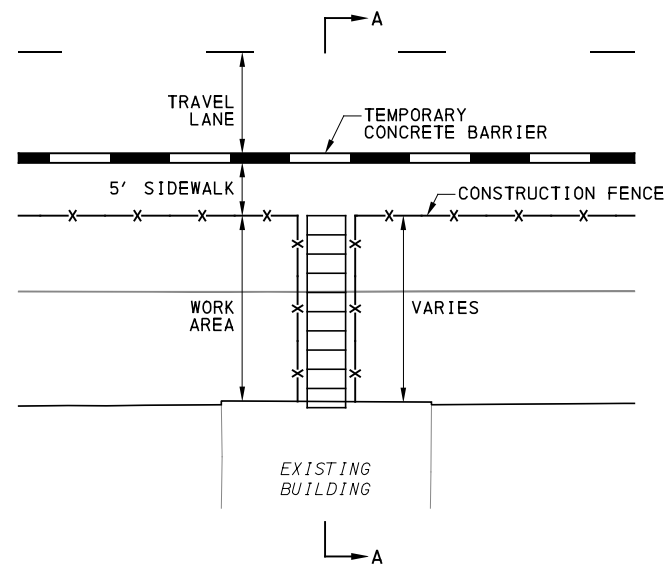
PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 SIGN FABRICATION DETAILS**

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	DWG. NO. MT26	SHT. 939



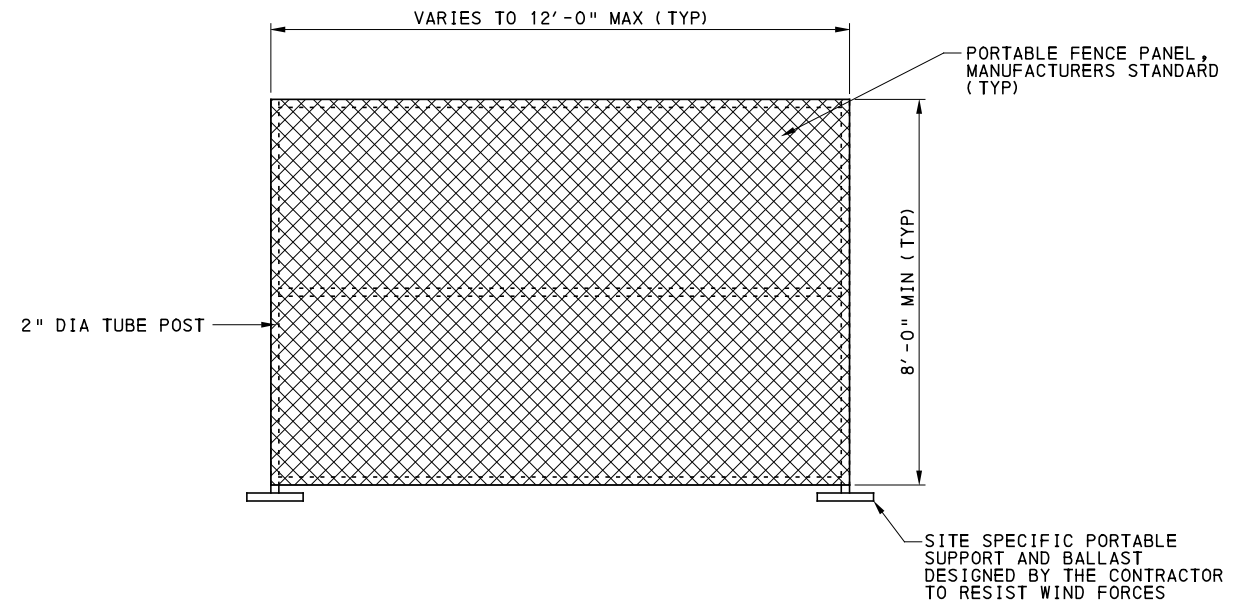
SECTION A-A



PLAN VIEW

PEDESTRIAN MOBILITY BRIDGE DETAIL

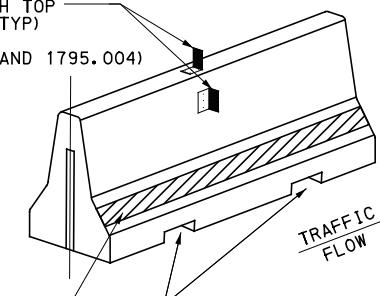
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CONSTRUCTION FENCE, CHAIN-LINK MESH ON PORTABLE SUPPORTS DETAIL

NOT TO SCALE

TEMPORARY CONCRETE BARRIER WITH TOP AND SIDE MOUNTED DELINEATORS (TYP) SEE TC-8604. (INCIDENTAL TO ITEM 01795.001 AND 1795.004)



STANDARD PAVEMENT MARKINGS, PAINT AND BEADS, YELLOW OR WHITE 12" WIDE. WHEN TEMPORARY CONCRETE BARRIER IS RESET IT WILL BE REPAINTED. (INCIDENTAL TO ITEM 01795.001 AND 01795.004)

PROVIDE TEMPORARY CONCRETE BARRIER WITH DRAINAGE SLOTS.

TEMPORARY CONCRETE BARRIER DETAIL

NOT TO SCALE

TEMPORARY CONCRETE BARRIER NOTES

1. IN ACCORDANCE WITH TC-8604, SHEET 2 OF 4, NOTE 5, MAXIMUM SPACING BETWEEN DELINEATORS IS 40".
2. WHEN LATERAL CONSTRAINTS REQUIRE THE DISTANCE FROM PAVEMENT MARKINGS TO THE BARRIER TO BE LESS THAN 6 INCHES, PLACE A 12 INCH WIDE PAVEMENT MARKING ON THE BARRIER INSTEAD AS DIRECTED BY THE DEPARTMENT REPRESENTATIVE.
3. WATER BLAST THE TEMPORARY CONCRETE BARRIER WITH A MINIMUM OF 3000 PSI BEFORE PAINTING. (INCIDENTAL TO TEMPORARY CONCRETE BARRIER)
4. ALL TEMPORARY BARRIER FOLLOWS BULLETIN 15.
5. IF STEEL BARRIER IS UTILIZED, BARRIER SECTION LENGTHS ARE REQUIRED TO BE SHORT ENOUGH TO ACCOMMODATE THE HORIZONTAL RADIUS AND VERTICAL CURVE, IN ACCORDANCE WITH SITE CONDITIONS AND THE MANUFACTURER'S RECOMMENDATIONS.



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(NOT FOR CONSTRUCTION)

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CHECKED	GM
IN CHARGE	JKM
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SCALE	AS SHOWN

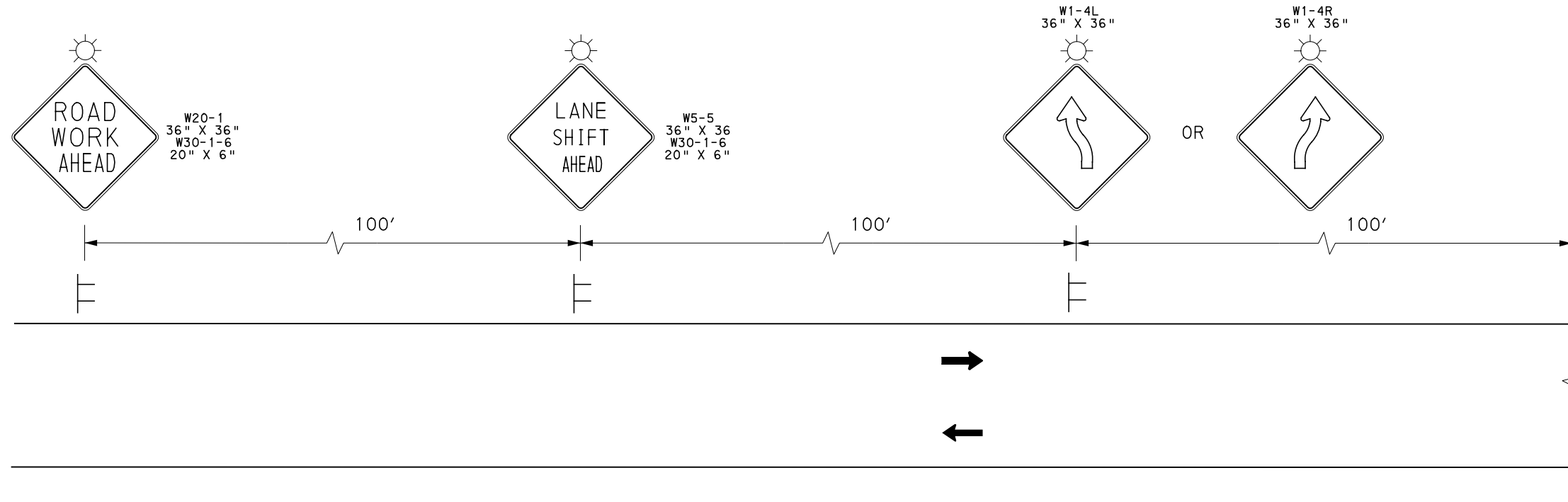
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
DETAILS

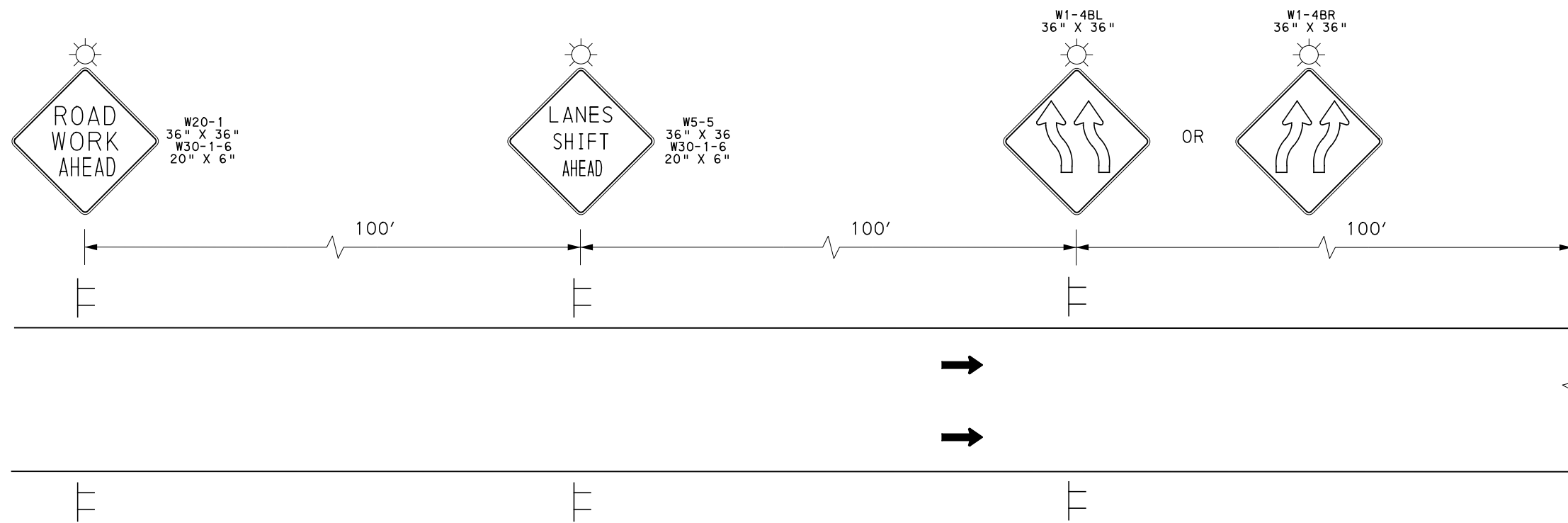


CONTRACT NO. BRT-001

DWG. NO. MT27 SHT. 940



DETAIL A - ADVANCE WORK ZONE SIGNING - SINGLE LANE SHIFT



DETAIL B - ADVANCE WORK ZONE SIGNING - TWO-LANE SHIFT



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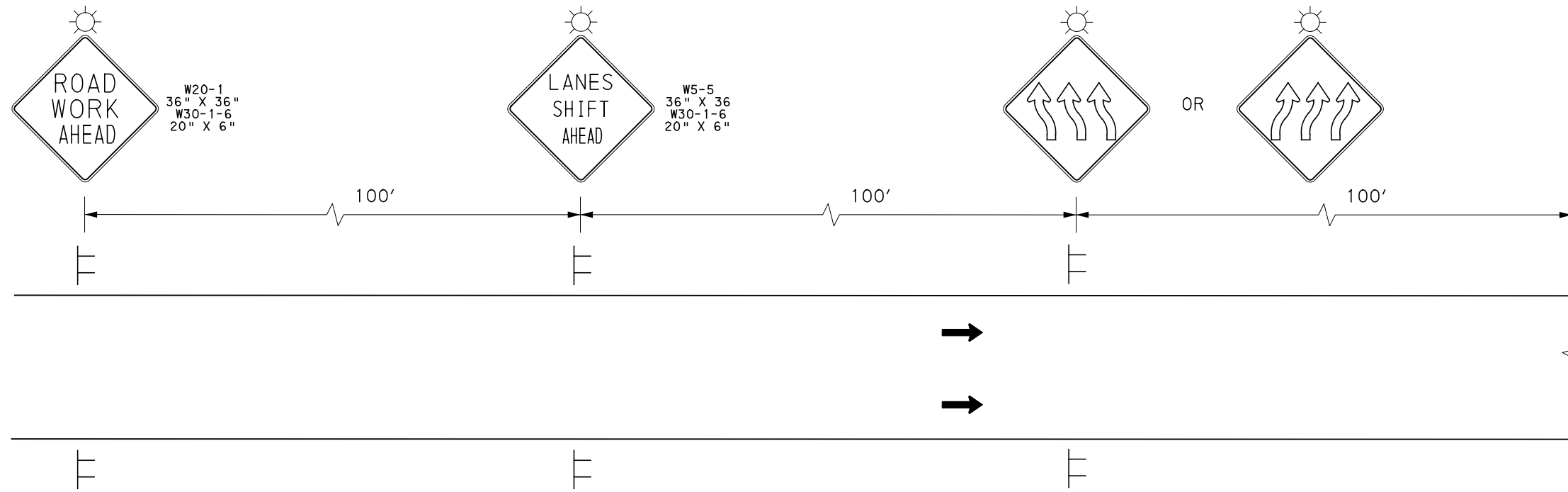
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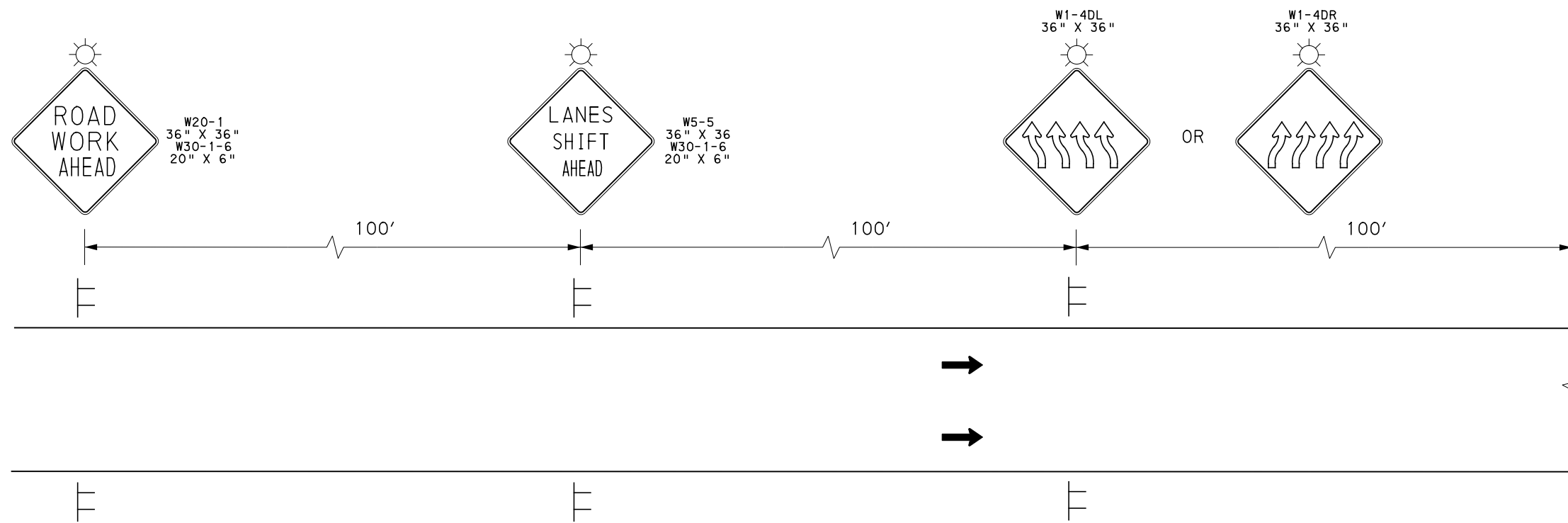
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	DWG. NO. MT28 SHT. 941



DETAIL C - ADVANCE WORK ZONE SIGNING - THREE-LANE SHIFT



DETAIL D - ADVANCE WORK ZONE SIGNING - FOUR-LANE SHIFT



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PITTSBURGH PENNSYLVANIA

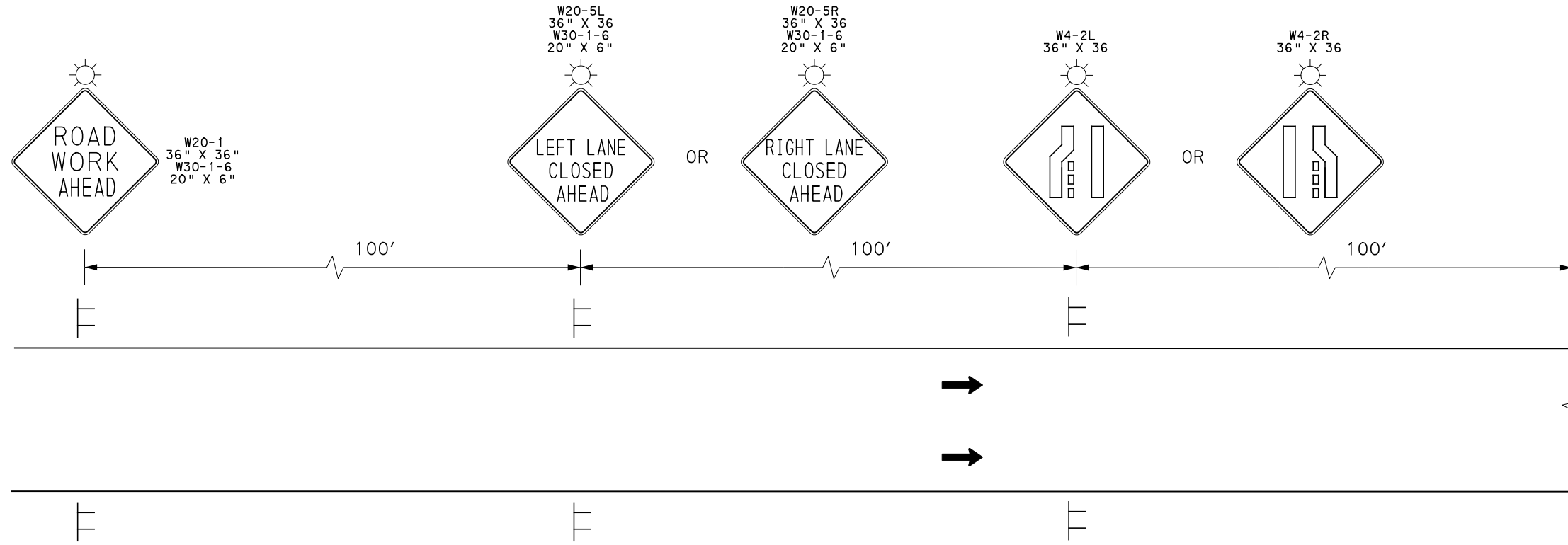
BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
DETAILS



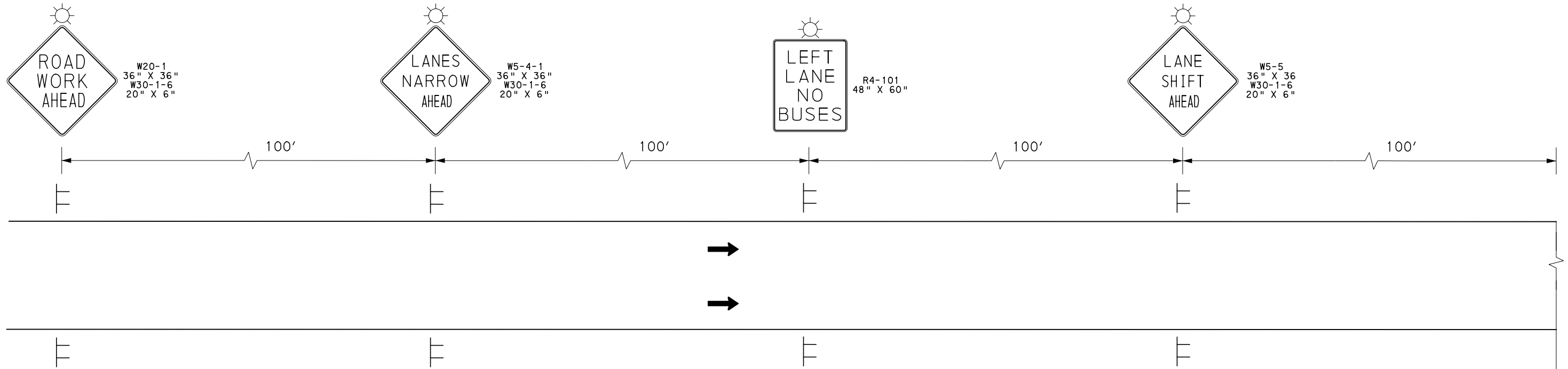
CONTRACT NO. BRT-001

DWG. NO. MT29

SHT. 942



DETAIL E - ADVANCE WORK ZONE SIGNING - LANE CLOSURE



DETAIL F - ADVANCE WORK ZONE SIGNING - NARROW LANES WITH LANE SHIFT



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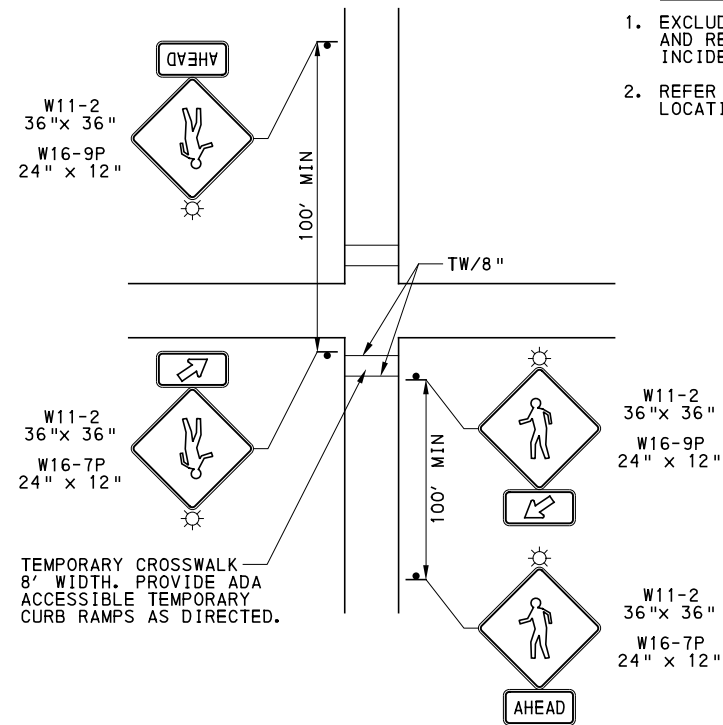
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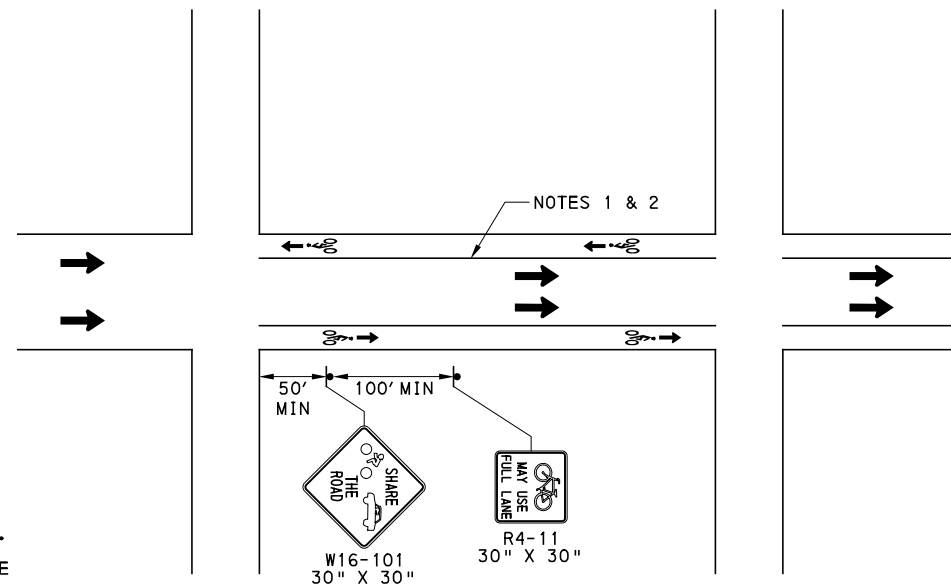
DETAIL I
TEMPORARY CROSSWALK
 NOT TO SCALE

NOTES:

1. EXCLUDING TEMPORARY MARKINGS, ALL SIGNS, LIGHTS, TEMPORARY RAMP AND RELATED SETUP / REMOVAL PERTAINING TO THIS DETAIL SHALL BE INCIDENTAL TO LUMP SUM ITEM 01784.001.
2. REFER TO DETAIL K-Q, NOTE 5 FOR IDENTIFIED TEMPORARY DETOUR CROSSING LOCATIONS.

NOTES:

1. MAINTAIN OR INCORPORATE CONTRA-FLOW BIKE LANE.
2. SHOW SIGNS IN ANY BLOCK IN WHICH EXISTING BIKE LANE(S) ARE TEMPORARY UNAVAILABLE, COVER WHEN NOT IN USE.
3. REFER ALSO TO SPECIAL PROVISION FOR ITEM 01784.001 MAINTENANCE AND PROTECTION OF PEDESTRIAN AND BICYCLE TRAFFIC.



ONE-WAY ROADWAY SECTIONS

DETAIL J
TEMPORARY BICYCLE SIGNAGE
 NOT TO SCALE



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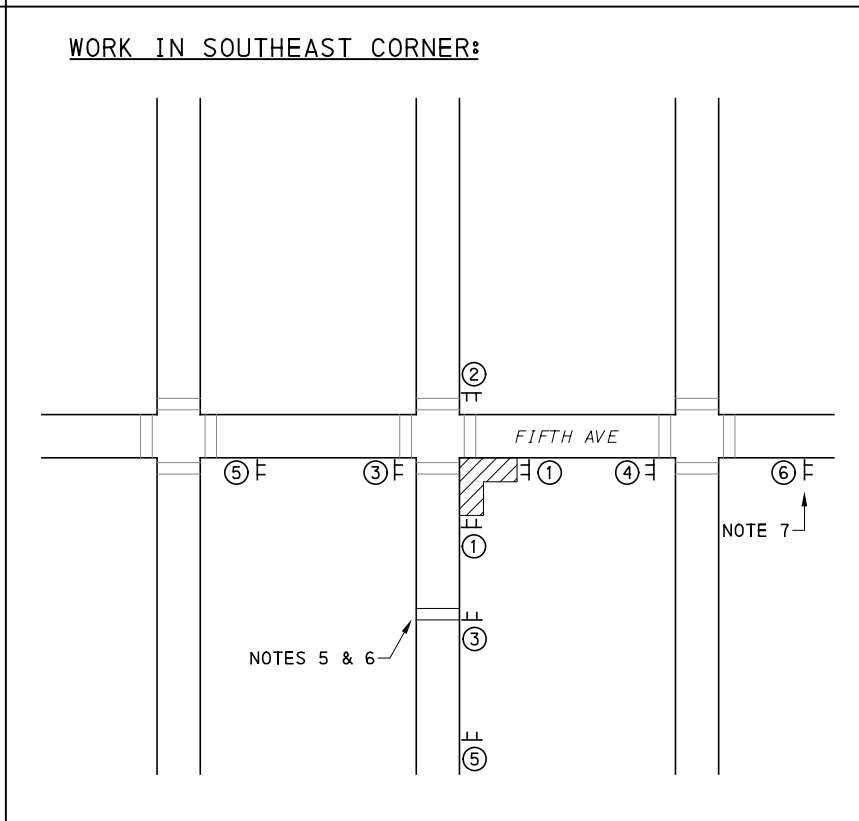
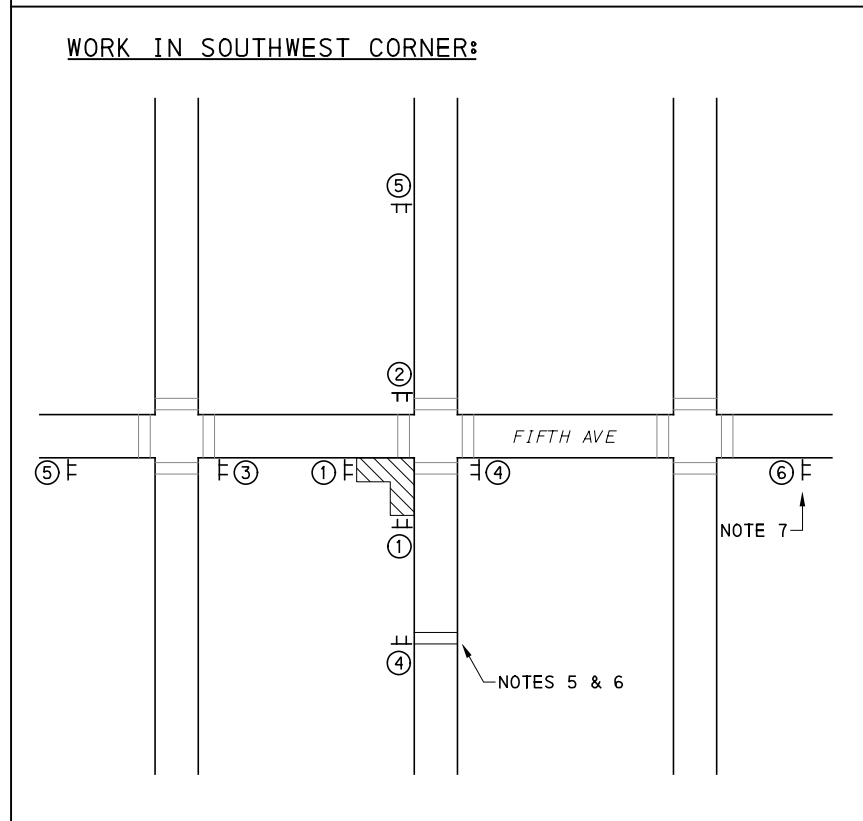
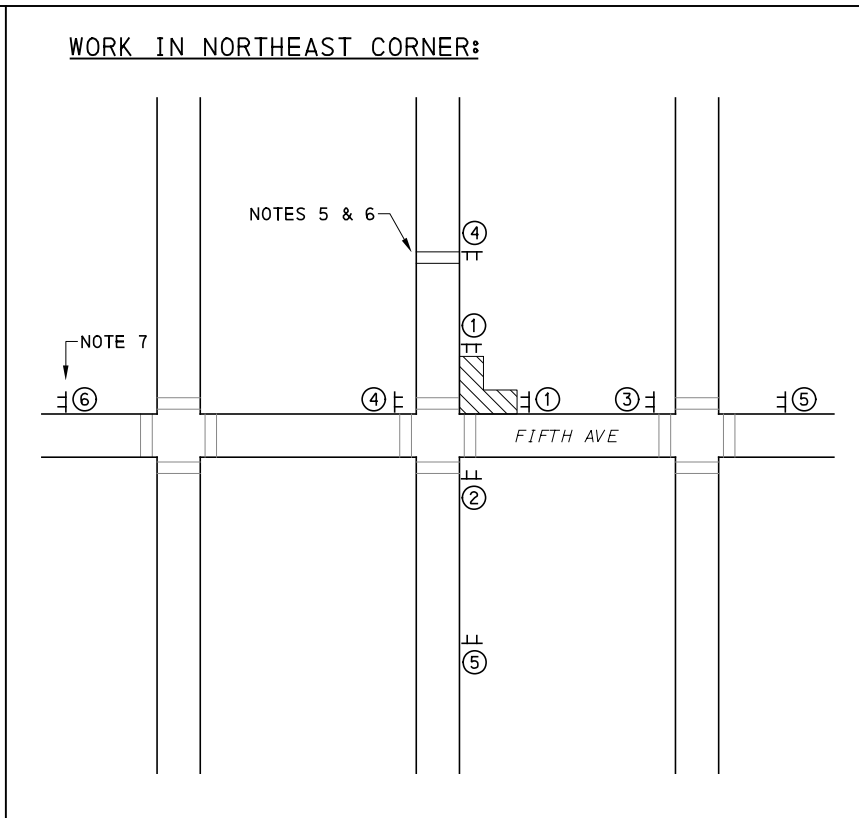
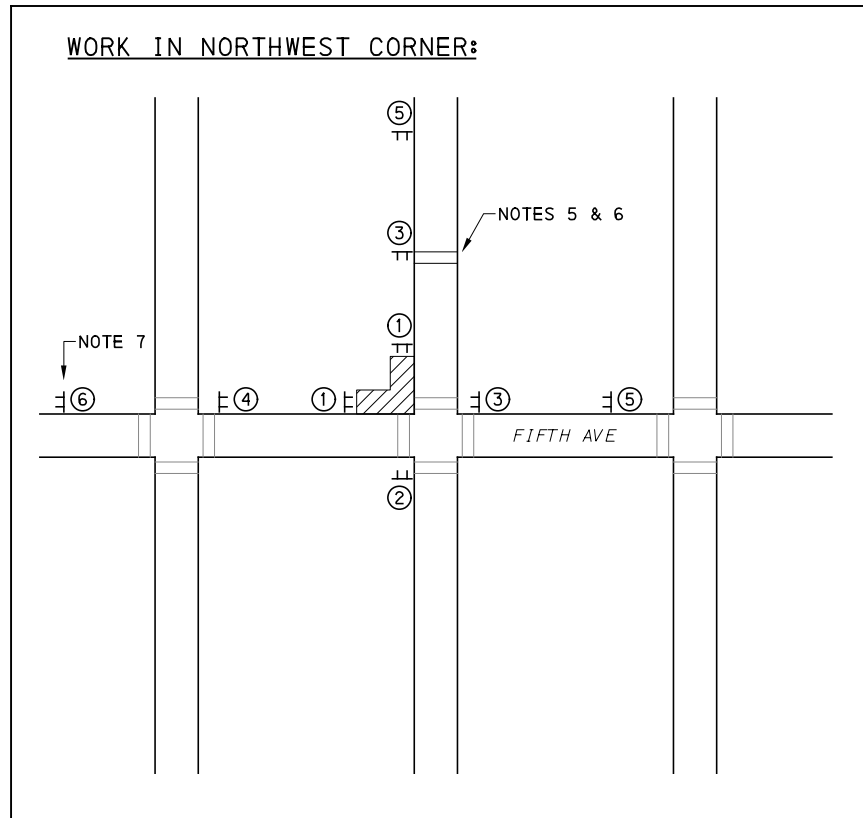
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NOTES:

- CLOSE ONLY ONE ADA CURB RAMP CORNER (PER INTERSECTION) AT A TIME. DO NOT WORK ON ADJACENT INTERSECTIONS CONCURRENTLY TO AVOID POTENTIALLY LAND-LOCKING PROPERTIES BETWEEN CLOSED RAMPS ON THE SAME SIDE OF THE STREET.
- PLACE PEDESTRIAN-ORIENTED SIGNS FACING AWAY FROM INTERSECTION, AND FIELD-LOCATE/ALIGN NEAR CURB WHILE MAINTAINING 4 FEET (MIN.) OF HORIZONTAL CLEARANCE FOR PEDESTRIAN ACCESS.
- PLACE W20-1 SIGNS 100' (MIN) UPSTREAM OF THE WORK ZONE OR FARTHEST PEDESTRIAN-ORIENTED SIGN, WHICHEVER IS GREATER.
- FOR ONE-WAY SEGMENTS OF FIFTH AVE, ELIMINATE W20-1 SIGNS IN THE WESTBOUND (NON-TRAVEL) DIRECTION AND FIELD-LOCATE, INSTEAD, ALONG THE LEFT-SIDE OF THE EASTBOUND APPROACH, UPSTREAM OF THE WORK ZONE.
- FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE EAST OR WEST LEGS OF EACH INTERSECTION, USE THE NEAREST UPSTREAM CROSSING ACROSS FIFTH AVE.
- FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE NORTH OR SOUTH LEGS OF EACH INTERSECTION, USE UPSTREAM EXISTING OR TEMPORARY CROSSWALKS AS FOLLOWS:

FIFTH AVE LOCATION:	DETOUR CROSSING (NORTH):	DETOUR CROSSING (SOUTH):
A. CHATHAM SQ/WASHINGTON PL	EXISTING @ CENTRE AVE	EXISTING @ FORBES AVE
B. MAGEE ST	N/A	EXISTING @ FORBES AVE
C. LOGAN ST	N/A	EXISTING @ FORBES AVE
D. STEVENSON ST	EXISTING @ STEVENSON ST	EXISTING @ FORBES AVE
E. PRIDE ST	EXISTING @ PRIDE ST	EXISTING @ FORBES AVE
F. MARION ST/VINE ST	EXISTING @ MARION ST	EXISTING @ FORBES AVE
G. VAN BRAAM ST	EXISTING @ VAN BRAAM ST	EXISTING @ FORBES AVE
H. MILTENBERGER ST	EXISTING @ MILTENBERGER ST	EXISTING @ FORBES AVE
I. DINNWIDDLE ST	EXISTING @ DINWIDDLE	EXISTING @ FORBES AVE
J. GIST ST	EXISTING @ JUMONVILLE	EXISTING @ FORBES AVE
K. JUMONVILLE ST/WYANDOTTE ST	EXISTING @ JUMONVILLE	EXISTING @ FORBES AVE
L. SENECA ST	EXISTING @ KIRKPATRICK ST	EXISTING @ FORBES AVE
M. MOULTRIE ST	EXISTING @ KIRKPATRICK ST	EXISTING @ FORBES AVE
N. KIRKPATRICK ST	TEMPORARY @ ALLEQUIPPA ST	N/A

- WHERE TEMPORARY CROSSWALK INSTALLATIONS ARE REQUIRED ON SIDE-STREETS (PER THE TABLE ABOVE), SEE DETAIL I.
- PROVIDE A TEMPORARY ADA COMPLIANT RAMP FROM THE EXISTING SIDEWALK TO THE ROADWAY SURFACE IN ADVANCE OF THE CLOSED SIDEWALK (AS REQUIRED).
- INSTALL G20-2 "END ROAD WORK" SIGNS AT ENDS OF FIFTH AVE APPROXIMATELY 500 FEET BEYOND THE LIMITS OF THE FARTHEST ACTIVE WORK ZONE (INCLUDE IN ALL PHASES OF CONSTRUCTION).

SIGN LEGEND:

- 1** R9-9, 24" X 12" (Sidewalk Closed)
- 2** R9-10, 24" X 12" (Sidewalk Closed - Use Other Side)
- 3** R9-11a, 24" X 12" (Sidewalk Closed - Cross Here)
- 4** R9-11a, 24" X 12" (Sidewalk Closed - Cross Here)
- 5** W20-1, 36" X 36" and W30-1-6, 20" X 6" (Road Work Ahead)
- 6** G20-2, 36" X 18" (End Road Work)

DETAIL K - TYPICAL INTERSECTION STAGING WITH PEDESTRIAN DETOURS (UPTOWN SECTION - FIFTH AVENUE)

AECOM
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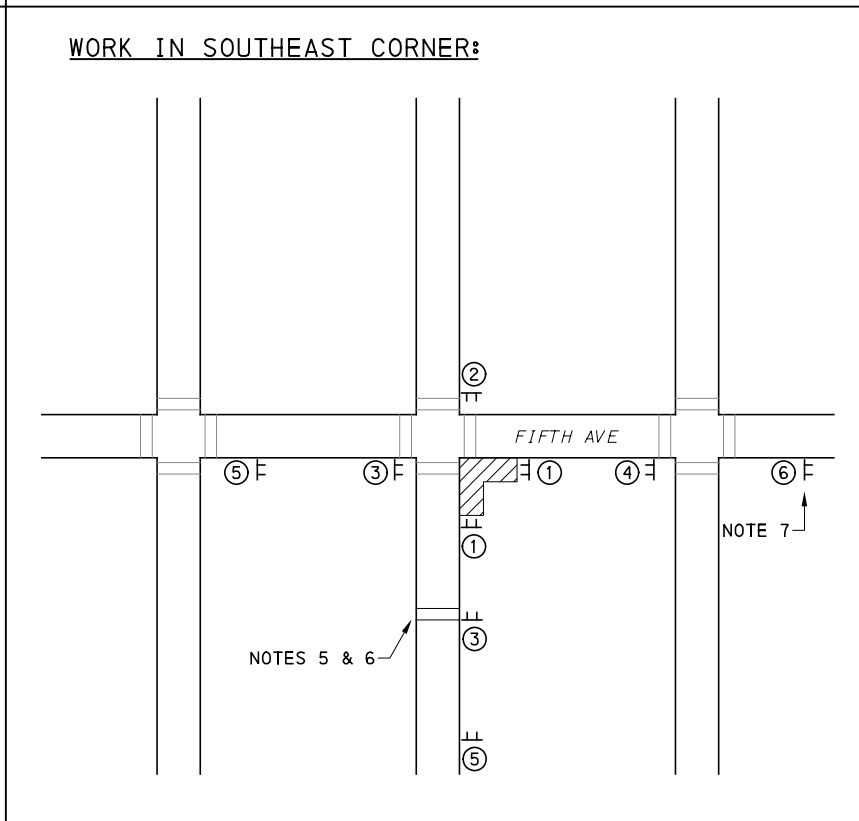
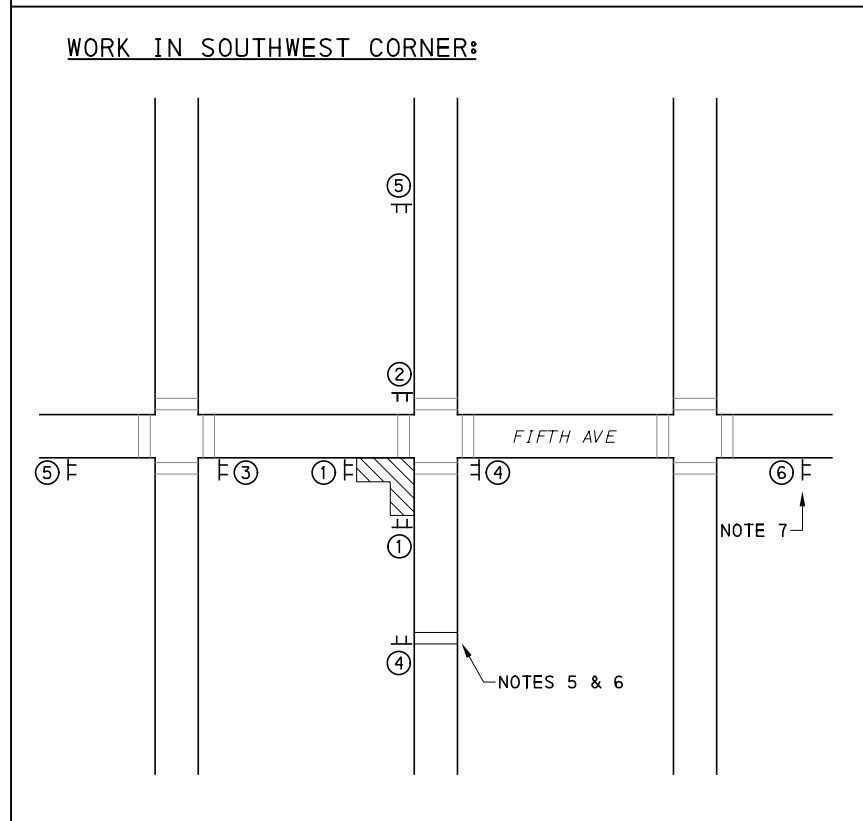
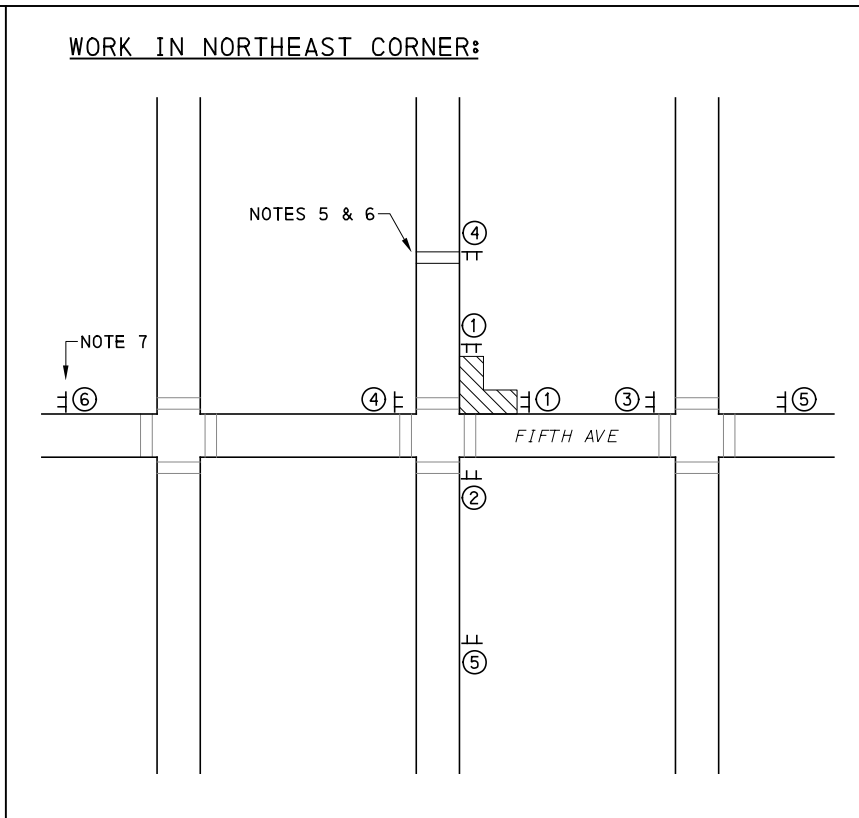
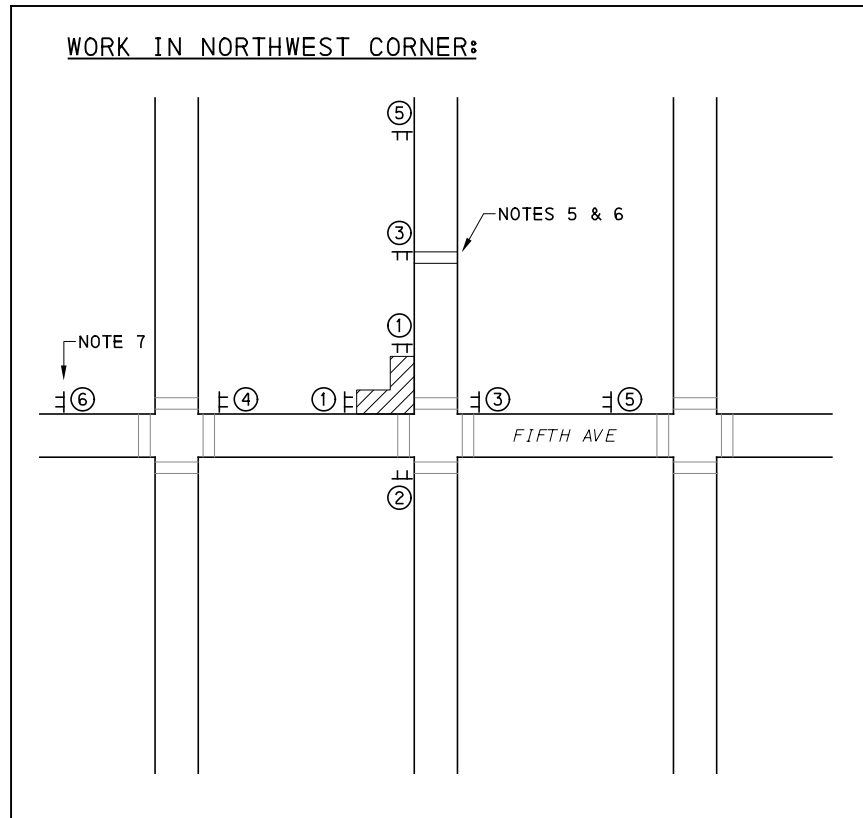
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

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NOTES:

1. CLOSE ONLY ONE ADA CURB RAMP CORNER (PER INTERSECTION) AT A TIME. DO NOT WORK ON ADJACENT INTERSECTIONS CONCURRENTLY TO AVOID POTENTIALLY LAND-LOCKING PROPERTIES BETWEEN CLOSED RAMPS ON THE SAME SIDE OF THE STREET.
2. PLACE PEDESTRIAN-ORIENTED SIGNS FACING AWAY FROM INTERSECTION, AND FIELD-LOCATE/ALIGN NEAR CURB WHILE MAINTAINING 4 FEET (MIN.) OF HORIZONTAL CLEARANCE FOR PEDESTRIAN ACCESS.
3. PLACE W20-1 SIGNS 100' (MIN) UPSTREAM OF THE WORK ZONE OR FARTHEST PEDESTRIAN-ORIENTED SIGN, WHICHEVER IS GREATER.
4. FOR ONE-WAY SEGMENTS OF FIFTH AVE, ELIMINATE W20-1 SIGNS IN THE WESTBOUND (NON-TRAVEL) DIRECTION AND FIELD-LOCATE, INSTEAD, ALONG THE LEFT-SIDE OF THE EASTBOUND APPROACH, UPSTREAM OF THE WORK ZONE.
5. FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE EAST OR WEST LEGS OF EACH INTERSECTION, USE THE NEAREST UPSTREAM CROSSING ACROSS FIFTH AVE.
6. FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE NORTH OR SOUTH LEGS OF EACH INTERSECTION, USE UPSTREAM EXISTING OR TEMPORARY CROSSWALKS AS FOLLOWS:

FIFTH AVE LOCATION:	DETOUR CROSSING (NORTH):	DETOUR CROSSING (SOUTH):
A. KIRKPATRICK ST	N/A	EXISTING @ FORBES AVE
B. UNIVERSITY PL	EXISTING @ BIGALOW BLVD	N/A
C. ROBINSON ST	EXISTING @ TERRACE ST	N/A
D. CRAFT AVE	N/A	EXISTING @ FORBES AVE
E. HALKET ST/CHESTERFIELD RD	EXISTING @ TERRACE ST	EXISTING @ FORBES AVE
F. MCKEE PL/DARRAGH ST	EXISTING @ BAYARD ST	EXISTING @ FORBES AVE
G. LOTHROP ST/MEYRAN AVE	EXISTING @ BAYARD ST	EXISTING @ FORBES AVE
H. ATWOOD ST	EXISTING @ MEYRAN AVE	EXISTING @ FORBES AVE
I. OAKLAND AVE/DE SOTO ST	N/A	EXISTING @ FORBES AVE
J. BOUQUET ST	EXISTING @ BOUQUET ST	EXISTING @ FORBES AVE
K. THACKERY AVE	EXISTING @ THACKEY AVE	EXISTING @ UNIVERSITY PL
L. BIGELOW BLVD	EXISTING @ UNIVERSITY PLACE	EXISTING @ FORBES AVE
M. LYTTON AVE	EXISTING @ LYTTON AVE	N/A
N. TENNYSON AVE	EXISTING @ BELLEFIELD AVE	N/A
O. RUSKIN AVE	EXISTING @ BIGELOW BLVD	N/A
P. BELLEFIELD AVE	EXISTING @ BIGELOW BLVD	EXISTING @ FORBES AVE

7. WHERE TEMPORARY CROSSWALK INSTALLATIONS ARE REQUIRED ON SIDE-STREETS (PER THE TABLE ABOVE), SEE DETAIL I.
8. PROVIDE A TEMPORARY ADA COMPLIANT RAMP FROM THE EXISTING SIDEWALK TO THE ROADWAY SURFACE IN ADVANCE OF THE CLOSED SIDEWALK (AS REQUIRED).
9. INSTALL G20-2 "END ROAD WORK" SIGNS AT ENDS OF FIFTH AVE APPROXIMATELY 500 FEET BEYOND THE LIMITS OF THE FARTHEST ACTIVE WORK ZONE (INCLUDE IN ALL PHASES OF CONSTRUCTION).

SIGN LEGEND:

DETAIL L - TYPICAL INTERSECTION STAGING WITH PEDESTRIAN DETOURS (OAKLAND SECTION - FIFTH AVENUE)

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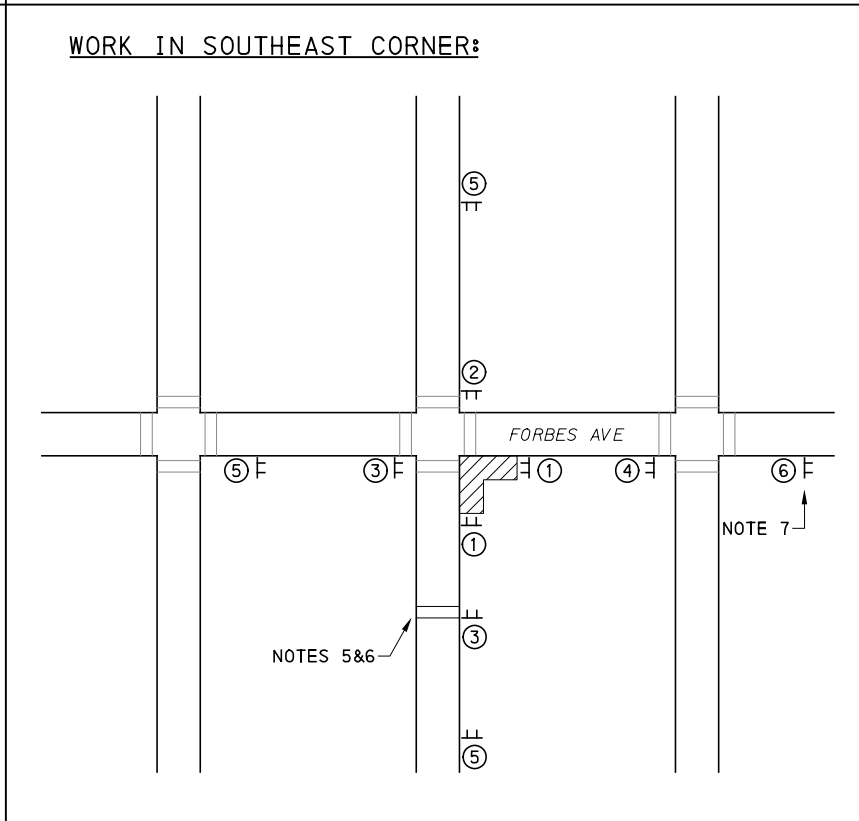
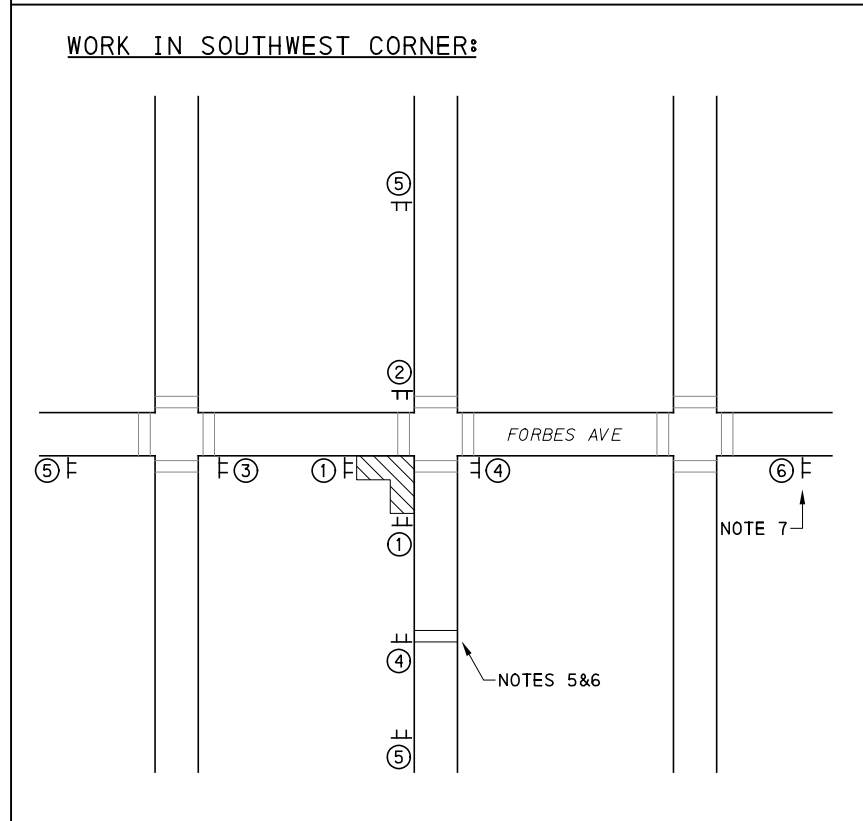
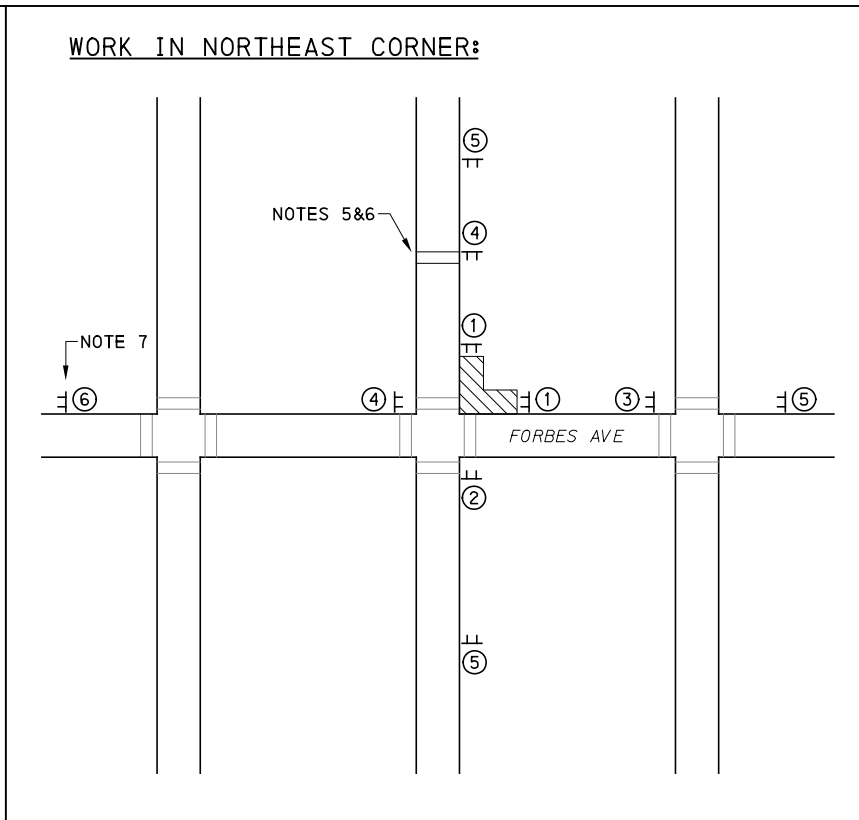
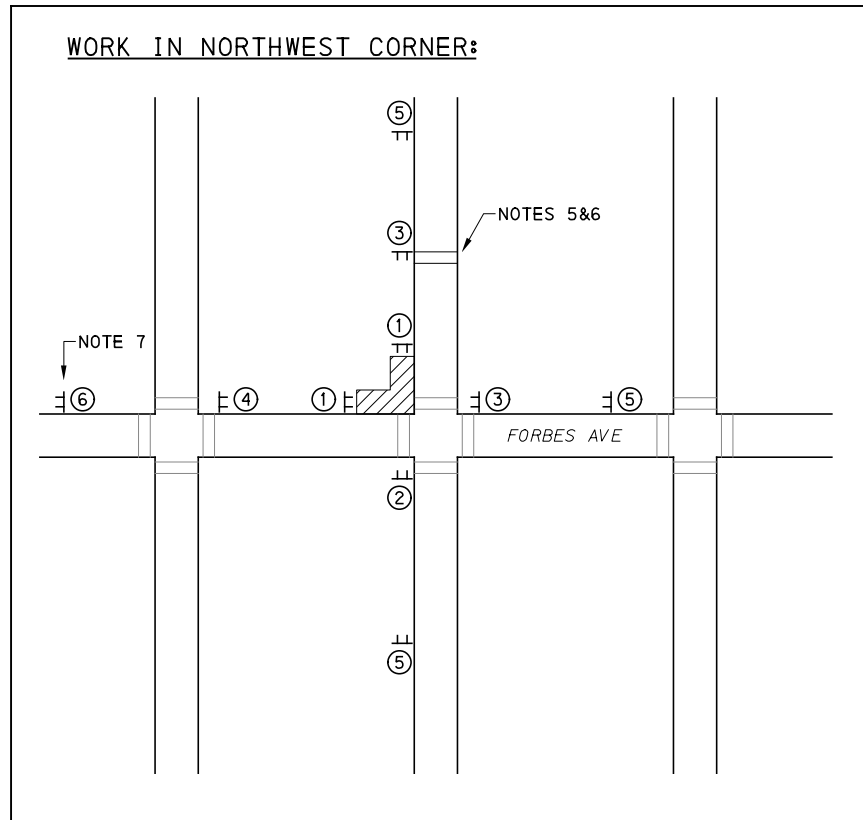
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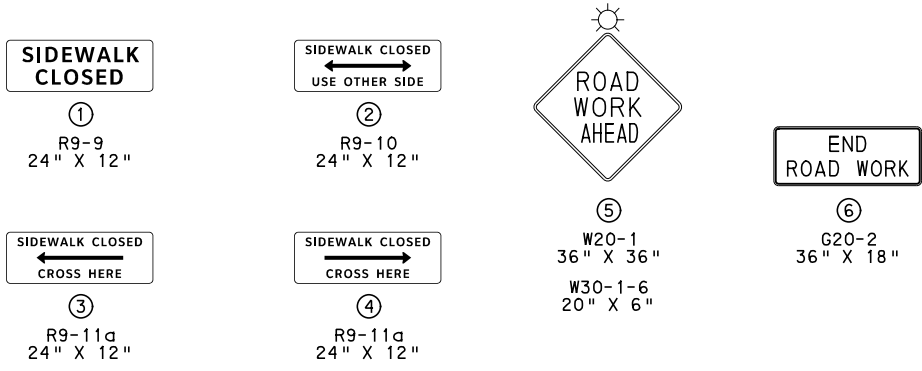
CONTRACT NO. BRT-001
DWG. NO. MT33 SHT. 946



NOTES:

- CLOSE ONLY ONE ADA CURB RAMP CORNER (PER INTERSECTION) AT A TIME. DO NOT WORK ON ADJACENT INTERSECTIONS CONCURRENTLY TO AVOID POTENTIALLY LAND LOCKING PROPERTIES BETWEEN CLOSED RAMPS ON THE SAME SIDE OF THE STREET.
 - PLACE PEDESTRIAN-ORIENTED SIGNS FACING AWAY FROM INTERSECTION, AND FIELD-LOCATE/ALIGN NEAR CURB WHILE MAINTAINING 4 FEET (MIN.) OF HORIZONTAL CLEARANCE FOR PEDESTRIAN ACCESS.
 - PLACE W20-1 SIGNS 100' (MIN) UPSTREAM OF THE WORK ZONE OR FARTHEST PEDESTRIAN-ORIENTED SIGN, WHICHEVER IS GREATER.
 - FOR ONE-WAY SEGMENTS OF FORBES AVE, ELIMINATE W20-1 SIGNS IN THE WESTBOUND (NON-TRAVEL) DIRECTION AND FIELD-LOCATE, INSTEAD, ALONG THE LEFT-SIDE OF THE EASTBOUND APPROACH, UPSTREAM OF THE WORK ZONE.
 - FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE EAST OR WEST LEGS OF EACH INTERSECTION, USE THE NEAREST UPSTREAM CROSSING ACROSS FORBES AVE.
 - FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE NORTH OR SOUTH LEGS OF EACH INTERSECTION, USE UPSTREAM EXISTING OR TEMPORARY CROSSWALKS AS FOLLOWS:
- | FORBES AVE LOCATION: | DETOUR CROSSING (NORTH): | DETOUR CROSSING (SOUTH): |
|-----------------------------|--------------------------|-------------------------------|
| A. CRAFT | N/A | EXISTING @ BLVD OF THE ALLIES |
| B. HALKET ST | EXISTING @ FIFTH AVE | N/A |
| C. MCKEE PL | EXISTING @ FIFTH AVE | TEMPORARY @ IROQUOIS WAY |
| D. SEMPLE ST | N/A | TEMPORARY @ FRESCO WAY |
| E. BIGELOW BLVD/SCHENLEY DR | EXISTING MIDBLOCK | EXISTING MIDBLOCK |
- WHERE TEMPORARY CROSSWALK INSTALLATIONS ARE REQUIRED ON SIDE-STREETS (PER THE TABLE ABOVE), SEE DETAIL 1.
 - PROVIDE A TEMPORARY ADA COMPLIANT RAMP FROM THE EXISTING SIDEWALK TO THE ROADWAY SURFACE IN ADVANCE OF THE CLOSED SIDEWALK (AS REQUIRED).
 - INSTALL G20-2 "END ROAD WORK" SIGNS AT ENDS OF FORBES AVE APPROXIMATELY 500 FEET BEYOND THE LIMITS OF THE FARTHEST ACTIVE WORK ZONE (INCLUDE IN ALL PHASES OF CONSTRUCTION).

SIGN LEGEND:



DETAIL M - TYPICAL INTERSECTION STAGING WITH PEDESTRIAN DETOURS (OAKLAND SECTION - FORBES AVENUE)



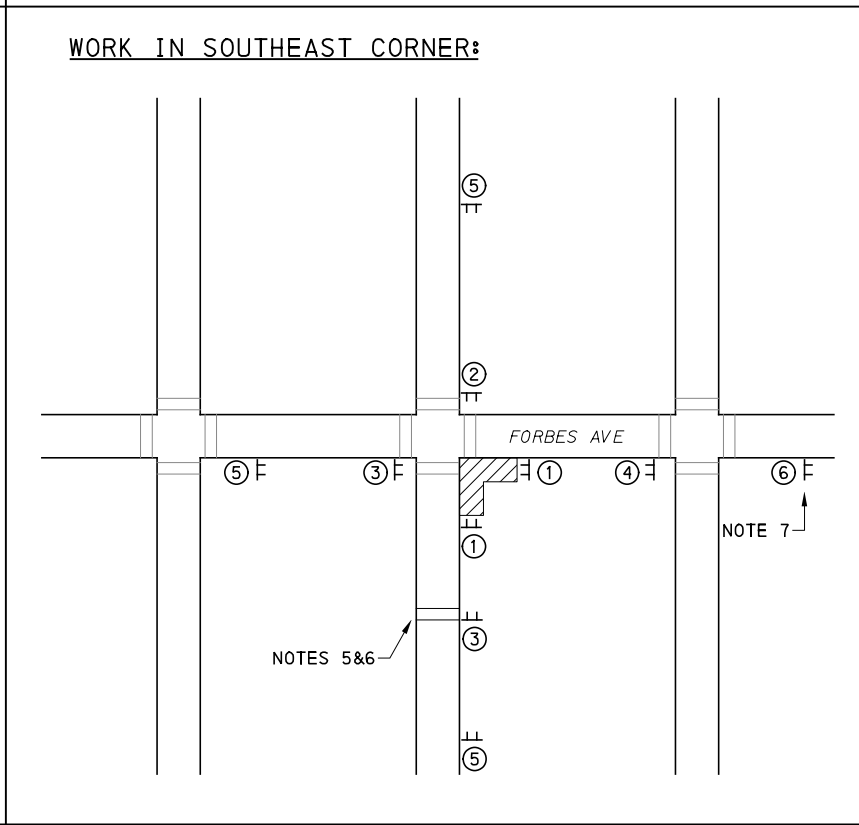
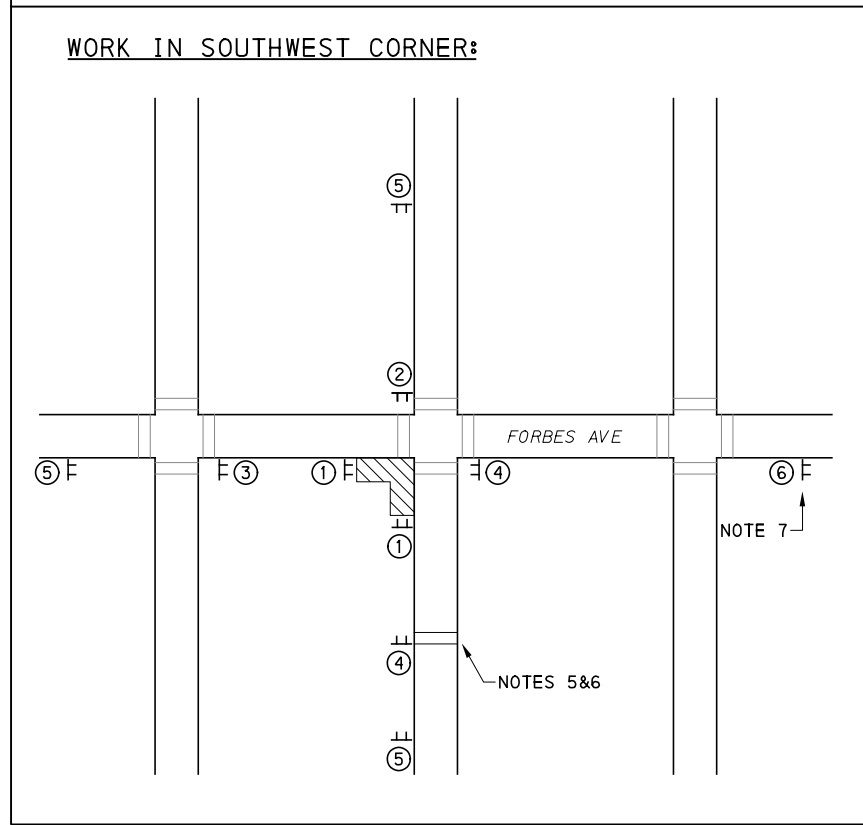
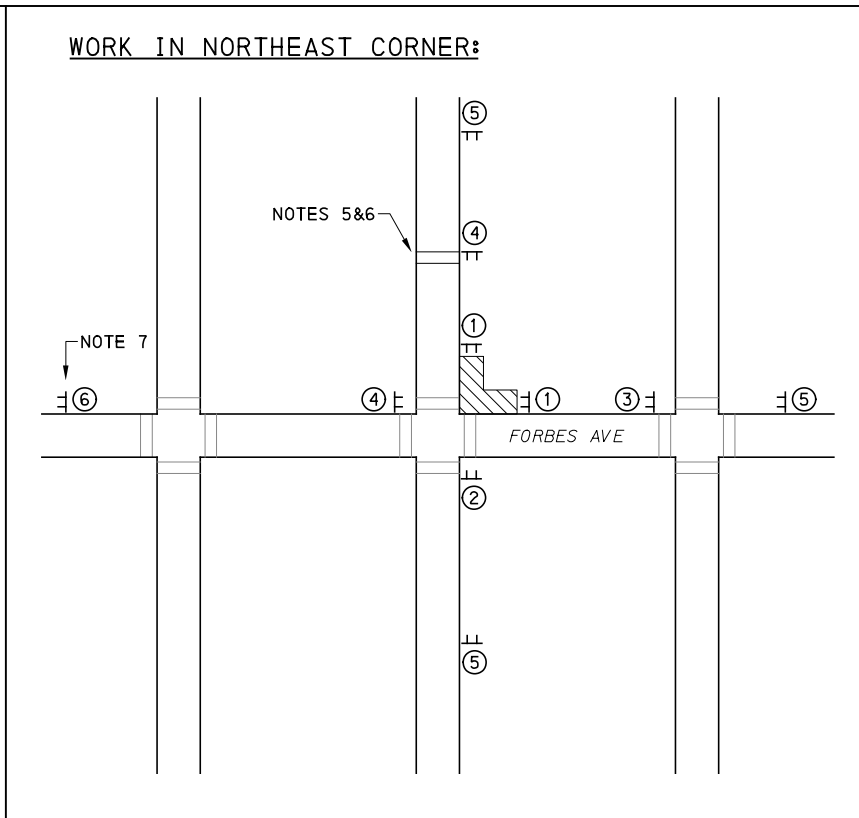
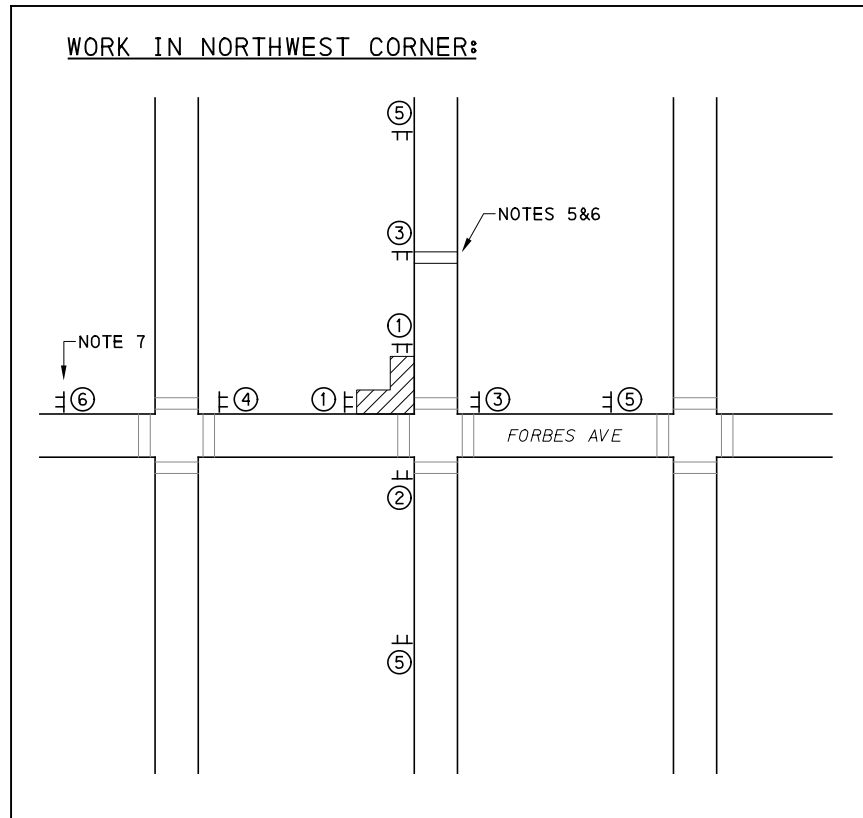
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DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
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NOTES:

- CLOSE ONLY ONE ADA CURB RAMP (PER INTERSECTION) AT A TIME. DO NOT WORK ON ADJACENT INTERSECTIONS CONCURRENTLY TO AVOID POTENTIALLY LAND-LOCKING PROPERTIES BETWEEN CLOSED RAMPS ON THE SAME SIDE OF THE STREET.
- PLACE PEDESTRIAN-ORIENTED SIGNS FACING AWAY FROM INTERSECTION, AND FIELD-LOCATE/ALIGN NEAR CURB WHILE MAINTAINING 4 FEET (MIN.) OF HORIZONTAL CLEARANCE FOR PEDESTRIAN ACCESS.
- PLACE W20-1 SIGNS 100' (MIN) UPSTREAM OF THE WORK ZONE OR FARTHEST PEDESTRIAN-ORIENTED SIGN, WHICHEVER IS GREATER.
- FOR ONE-WAY SEGMENTS OF FORBES AVE, ELIMINATE W20-1 SIGNS IN THE WESTBOUND (NON-TRAVEL) DIRECTION AND FIELD-LOCATE, INSTEAD, ALONG THE LEFT-SIDE OF THE EASTBOUND APPROACH, UPSTREAM OF THE WORK ZONE.
- FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE EAST OR WEST LEGS OF EACH INTERSECTION, USE THE NEAREST UPSTREAM CROSSING ACROSS FORBES AVE.
- FOR PEDESTRIAN DETOUR OF EXISTING CROSSWALKS ACROSS THE NORTH OR SOUTH LEGS OF EACH INTERSECTION, USE UPSTREAM EXISTING OR TEMPORARY CROSSWALKS AS FOLLOWS:

FORBES AVE LOCATION:	DETOUR CROSSING (NORTH):	DETOUR CROSSING (SOUTH):
A. BOYD ST	TEMPORARY @ WATSON ST	TEMPORARY @ LOCUST ST
B. ARMSTRONG TUNNEL**	N/A	N/A
C. CHATHAM SQ	TEMPORARY @ WATSON ST	EXISTING MIDBLOCK
D. STEVENSON ST	TEMPORARY @ WATSON ST	TEMPORARY @ LOCUST ST
E. PRIDE ST	TEMPORARY @ WATSON ST	TEMPORARY @ LOCUST ST
F. MARION ST	TEMPORARY @ WATSON ST	TEMPORARY @ LOCUST ST
G. VAN BRAAM ST	TEMPORARY @ WATSON ST	TEMPORARY @ LOCUST ST
H. MILTENBERGER ST	TEMPORARY @ WATSON ST	TEMPORARY @ LOCUST ST
I. GIST ST	TEMPORARY @ WATSON ST	TEMPORARY @ LOCUST ST
J. JUMONVILLE ST	TEMPORARY @ WATSON ST	TEMPORARY @ TUSTIN ST
K. SENECA ST	TEMPORARY @ WATSON ST	TEMPORARY @ TUSTIN ST
L. MOULTRIE ST	TEMPORARY @ WATSON ST	TEMPORARY @ TUSTIN ST
M. BRADY ST**	N/A	N/A

(**) TO BE MAINTAINED AT THE INTERSECTION OR COORDINATED AS DIRECTED.

- WHERE TEMPORARY CROSSWALK INSTALLATIONS ARE REQUIRED ON SIDE-STREETS (PER THE TABLE ABOVE), SEE DETAIL I.
- PROVIDE A TEMPORARY ADA COMPLIANT RAMP FROM THE EXISTING SIDEWALK TO THE ROADWAY SURFACE IN ADVANCE OF THE CLOSED SIDEWALK.
- INSTALL G20-2 "END ROAD WORK" SIGNS AT ENDS OF FORBES AVE APPROXIMATELY 500 FEET BEYOND THE LIMITS OF THE FARTHEST ACTIVE WORK ZONE (INCLUDE IN ALL PHASES OF CONSTRUCTION).

SIGN LEGEND:

DETAIL N - TYPICAL INTERSECTION STAGING WITH PEDESTRIAN DETOURS (UPTOWN SECTION - FORBES AVENUE)

NO.	DATE	DESCRIPTION
REVISIONS		

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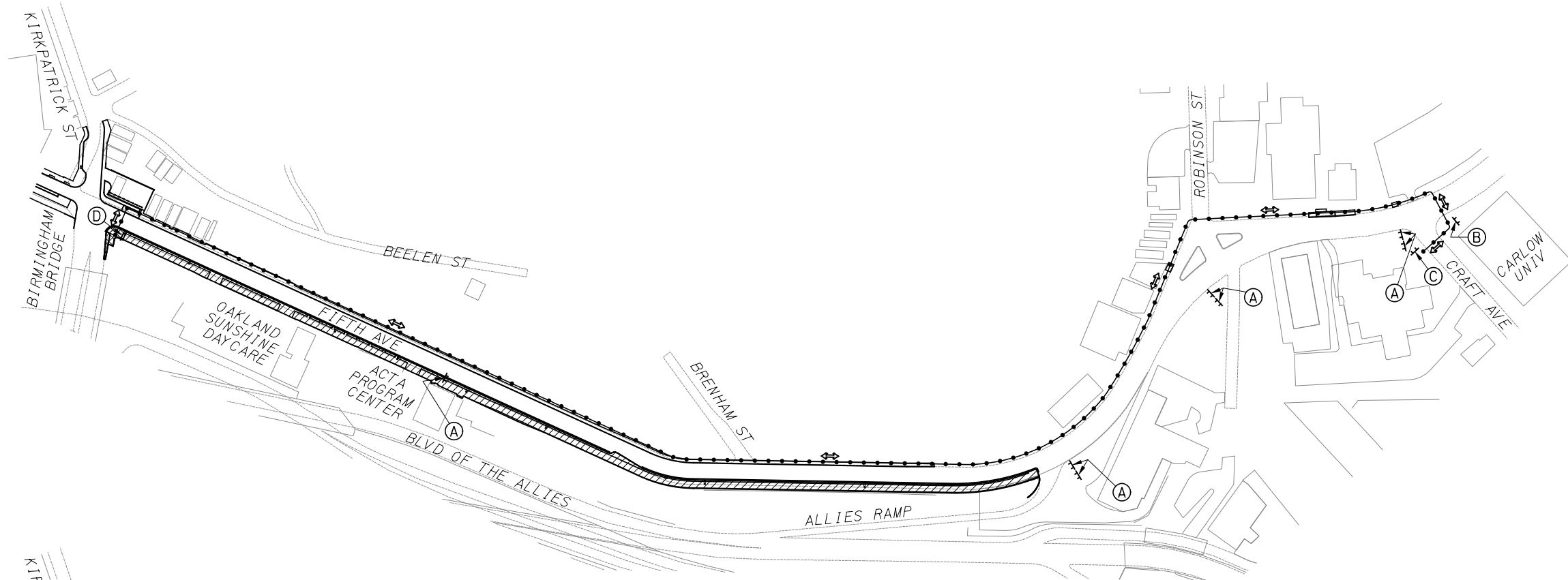
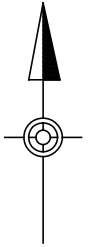
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PORT AUTHORITY OF ALLEGHENY COUNTY
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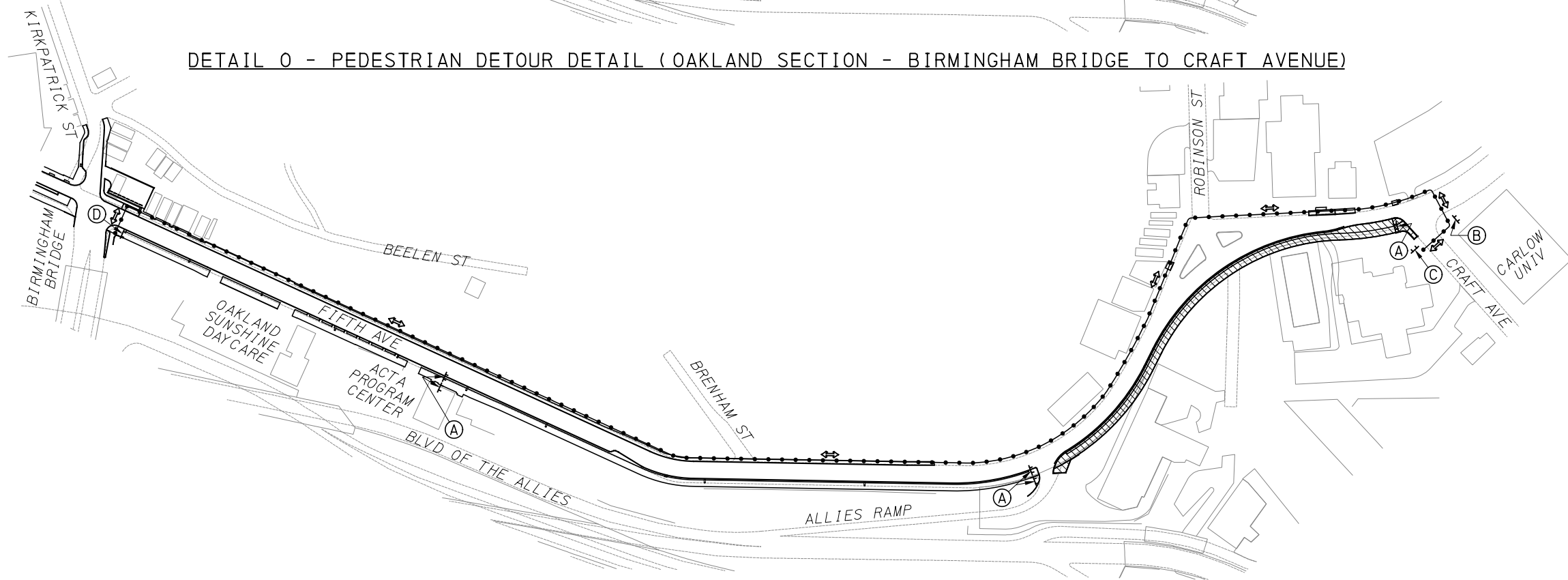
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CONTRACT NO. BRT-001	
DWG. NO. MT35	SHT. 948



DETAIL O - PEDESTRIAN DETOUR DETAIL (OAKLAND SECTION - BIRMINGHAM BRIDGE TO CRAFT AVENUE)



DETAIL P - PEDESTRIAN DETOUR DETAIL (OAKLAND SECTION - BIRMINGHAM BRIDGE TO CRAFT AVENUE)

PEDESTRIAN DETOUR SIGNS

- (A)
- (B)
- (C)
- (D)

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TIMING IS APPLICABLE UPTOWN SECTION FORBES AVENUE PHASE 1 - STAGE C & UPTOWN SECTION FORBES AVENUE PHASE 2 - STAGE A AFTER WHICH FINAL SIGNAL TIMINGS ARE TO BE IMPLEMENTED

PROGRAM 1		PHASE									CYCLE	OFFSET
INTERSECTION		1	2	3	4	5	6	7	8	PED		
FORBES AVENUE & ARMSTRONG TUNNEL			38		42						80	31
FORBES AVENUE & CHATHAM SQUARE			48		32	23				32	80	28
FIFTH AVENUE & CHATHAM SQUARE / WASHINGTON PLACE			47		33					33	80	56
PROGRAM 3		PHASE									CYCLE	OFFSET
INTERSECTION		1	2	3	4	5	6	7	8	PED		
FIFTH AVENUE & CHATHAM SQUARE / WASHINGTON PLACE			40		40					40	80	55

WEEKLY PROGRAM CHART				
EVENT	DAY	TIME	PROGRAM	REMARKS
1	1 - 7	0000	2	OFF PEAK
2	2 - 6	0600	1	AM PEAK
3	2 - 6	1000	2	OFF PEAK
4	2 - 6	1400	3	PM PEAK
5	2 - 6	1900	2	OFF PEAK

*DAY 1 = SUNDAY

CONSTRUCTION NOTES:

1. ALL TIMES ARE IN SECONDS
2. ALL SPLIT TIMES INCLUDE YELLOW, RED, AND LEADING PEDESTRIAN INTERVAL TIMES FOR A GIVEN PHASE
3. OFFSET REFERENCED TO THE BEGINNING OF FLASHING DON'T WALK (PHASE 2+6)
4. SIGNAL RESPONSIBILITY IS TURNED OVER TO THE CONTRACTOR DURING CONSTRUCTION.



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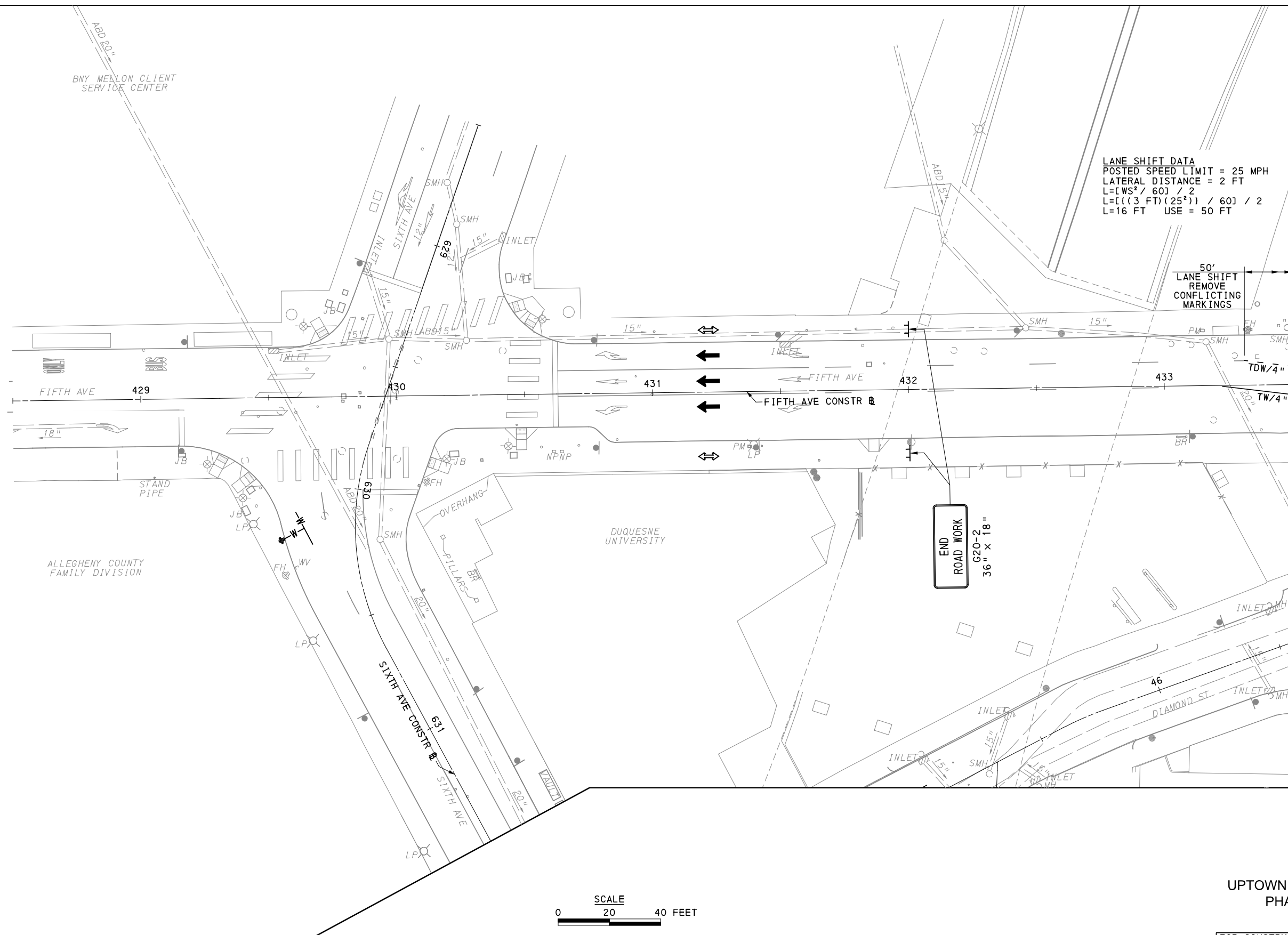
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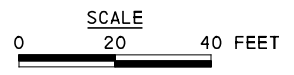
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MATCH LINE SEE SHEET 952



UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE A
 SHEET 1 OF 6

FOR CONSTRUCTION PLAN SEE SHEET 0

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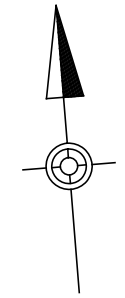
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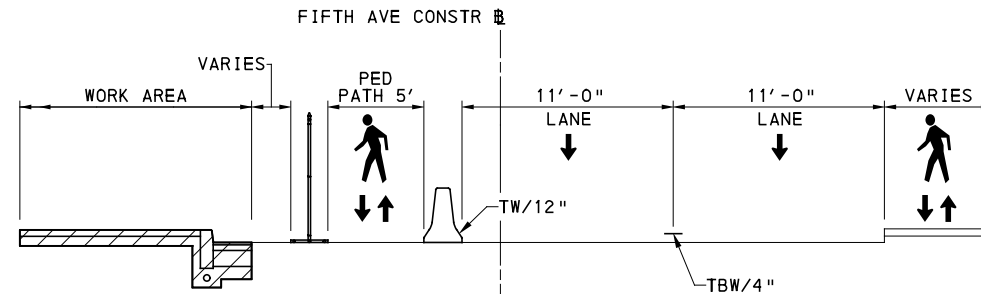
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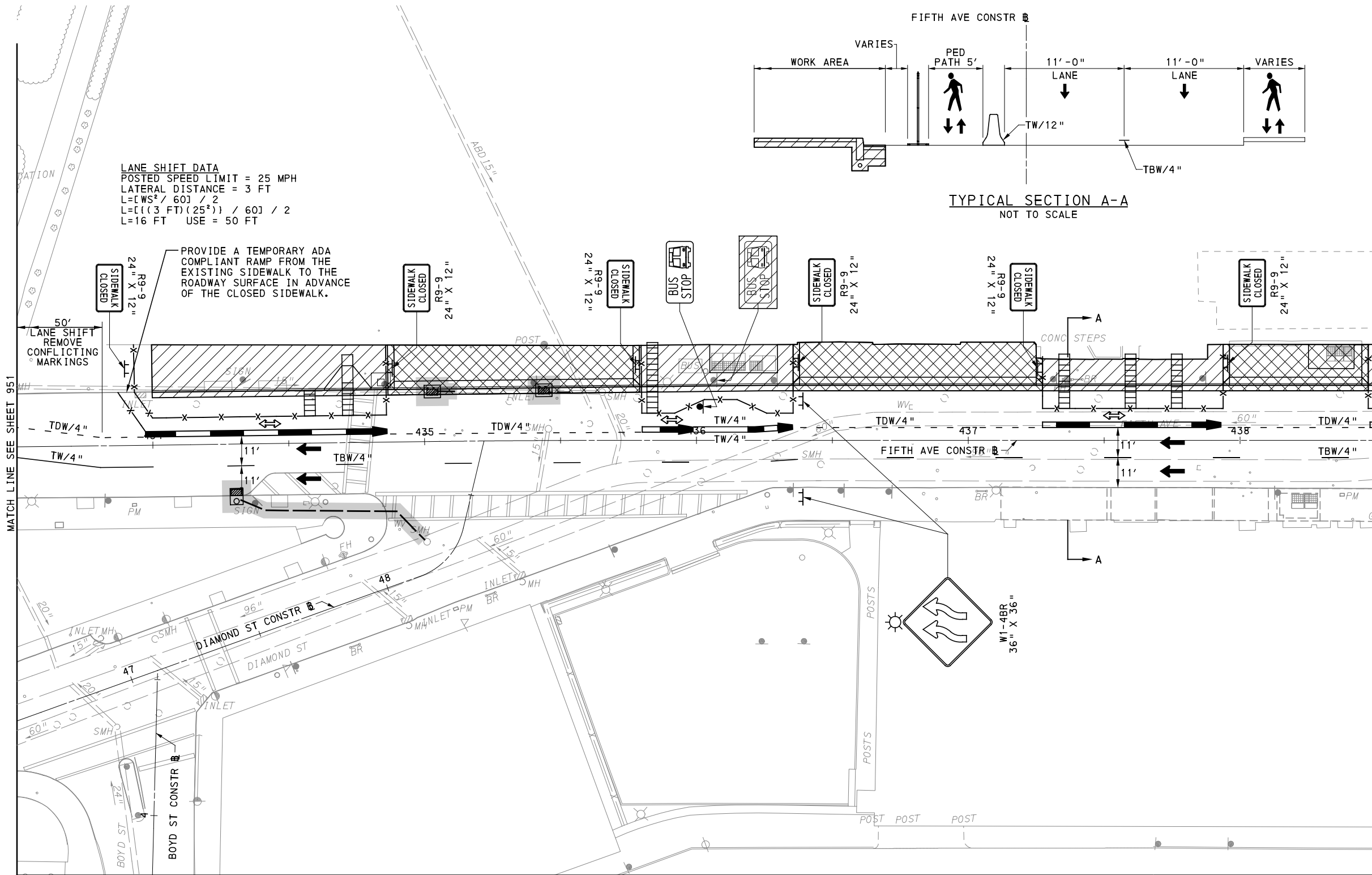
CONTRACT NO. BRT-001	
DWG. NO. MT38	SHT. 951



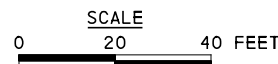
LANE SHIFT DATA
 POSTED SPEED LIMIT = 25 MPH
 LATERAL DISTANCE = 3 FT
 $L = [WS^2 / 60] / 2$
 $L = [(3 FT)(25^2) / 60] / 2$
 L = 16 FT USE = 50 FT



TYPICAL SECTION A-A
NOT TO SCALE



PROVIDE A TEMPORARY ADA COMPLIANT RAMP FROM THE EXISTING SIDEWALK TO THE ROADWAY SURFACE IN ADVANCE OF THE CLOSED SIDEWALK.



UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE A
 SHEET 2 OF 6

[FOR ROADWAY PLAN SEE SHEET 357]

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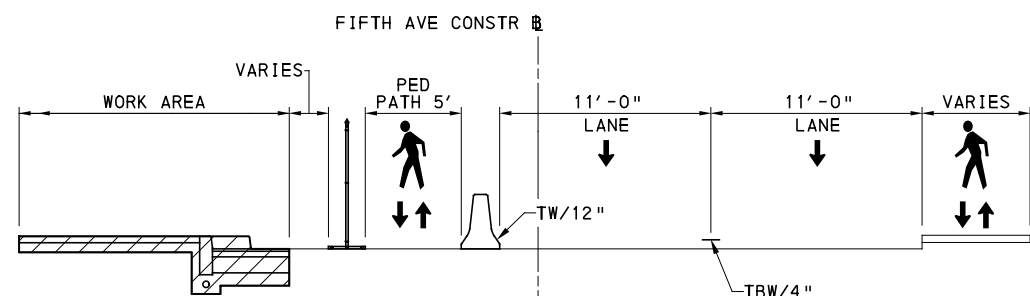
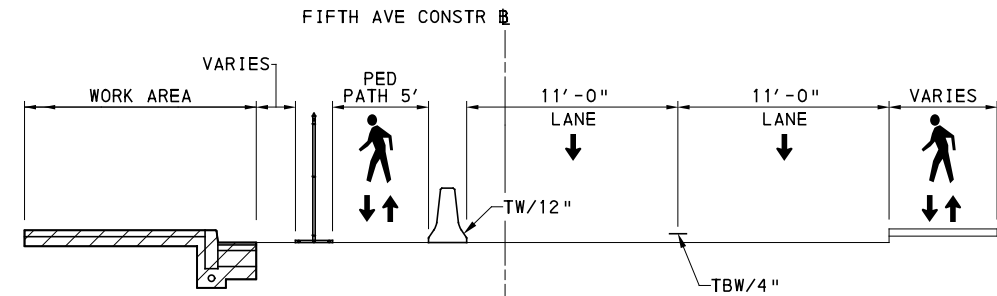
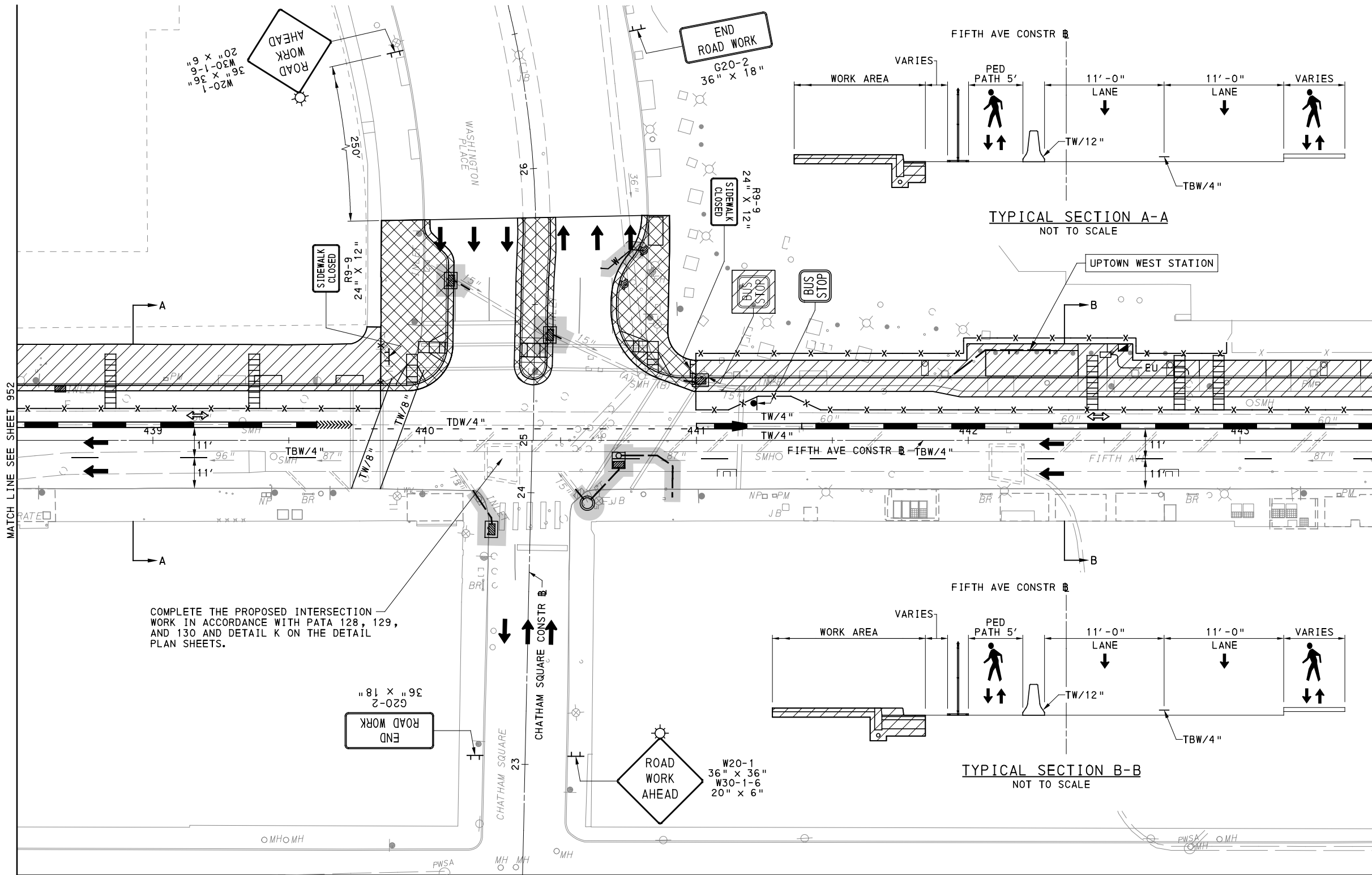
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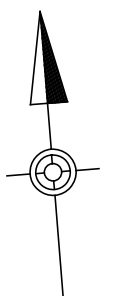
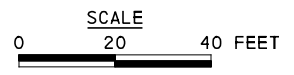
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A FIFTH AVE - STA 433+50 TO STA 438+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT39 SHT. 952



COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.



UPTOWN SECTION - FIFTH AVE
PHASE 1 - STAGE A
SHEET 3 OF 6

[FOR ROADWAY PLAN SEE SHEET 358]



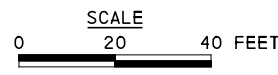
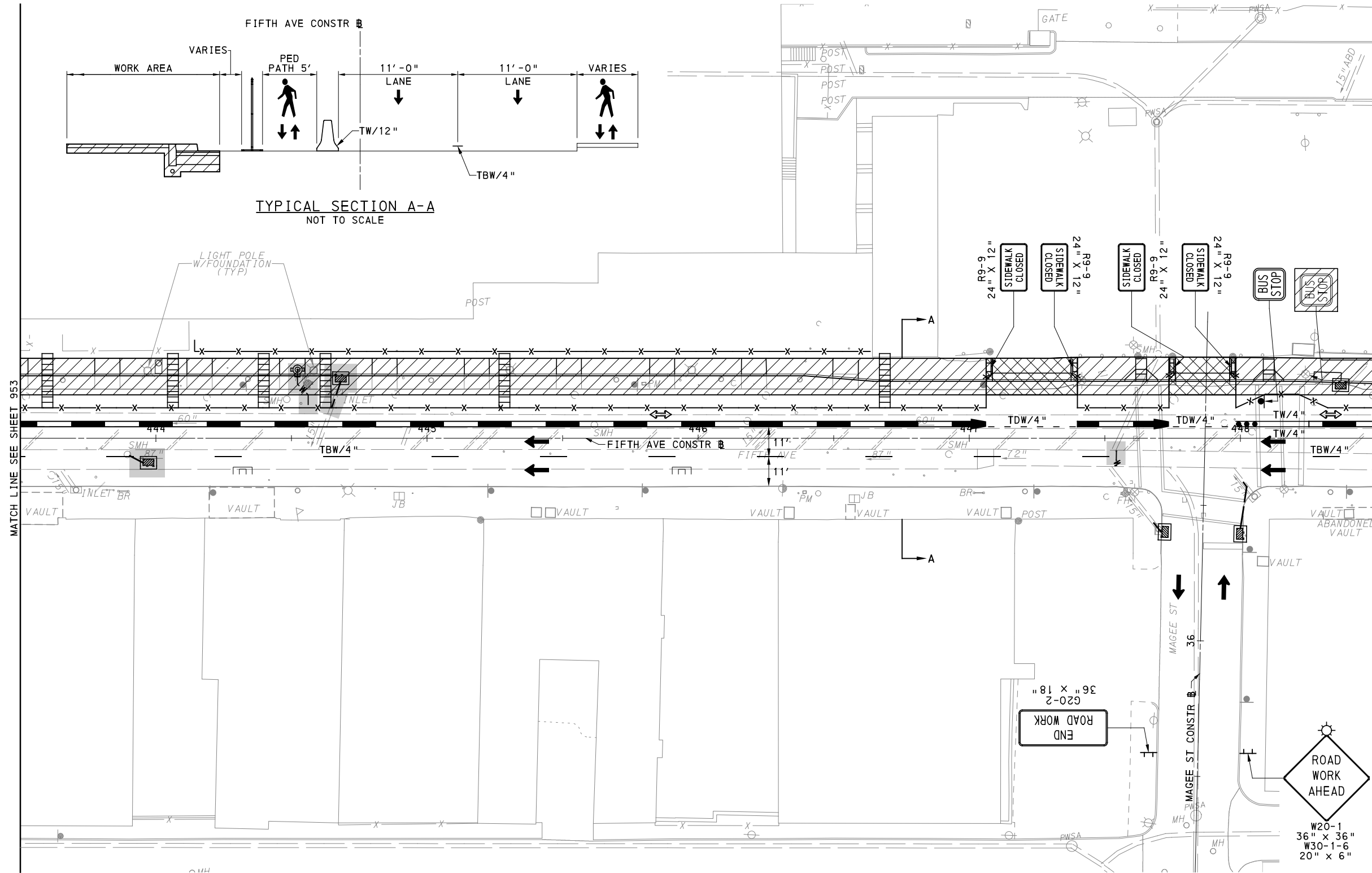
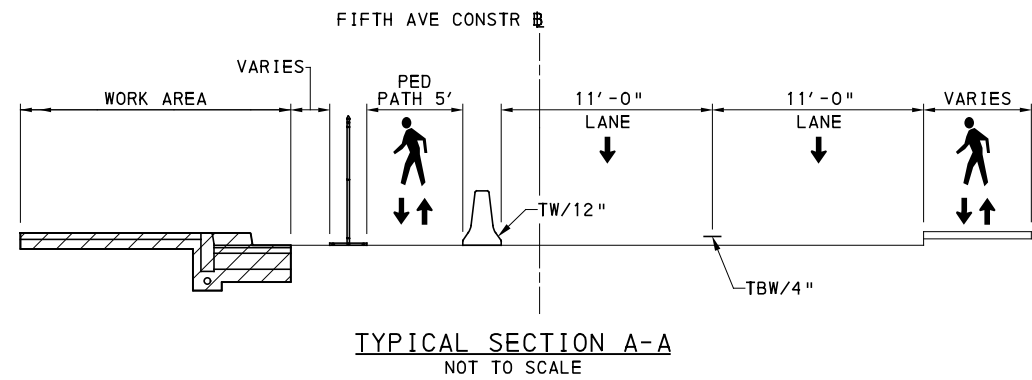
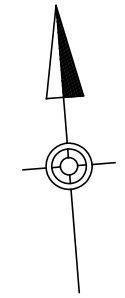
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 438+50 TO STA 443+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT40	SHT. 953



UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE A
 SHEET 4 OF 6

[FOR ROADWAY PLAN SEE SHEET 359]



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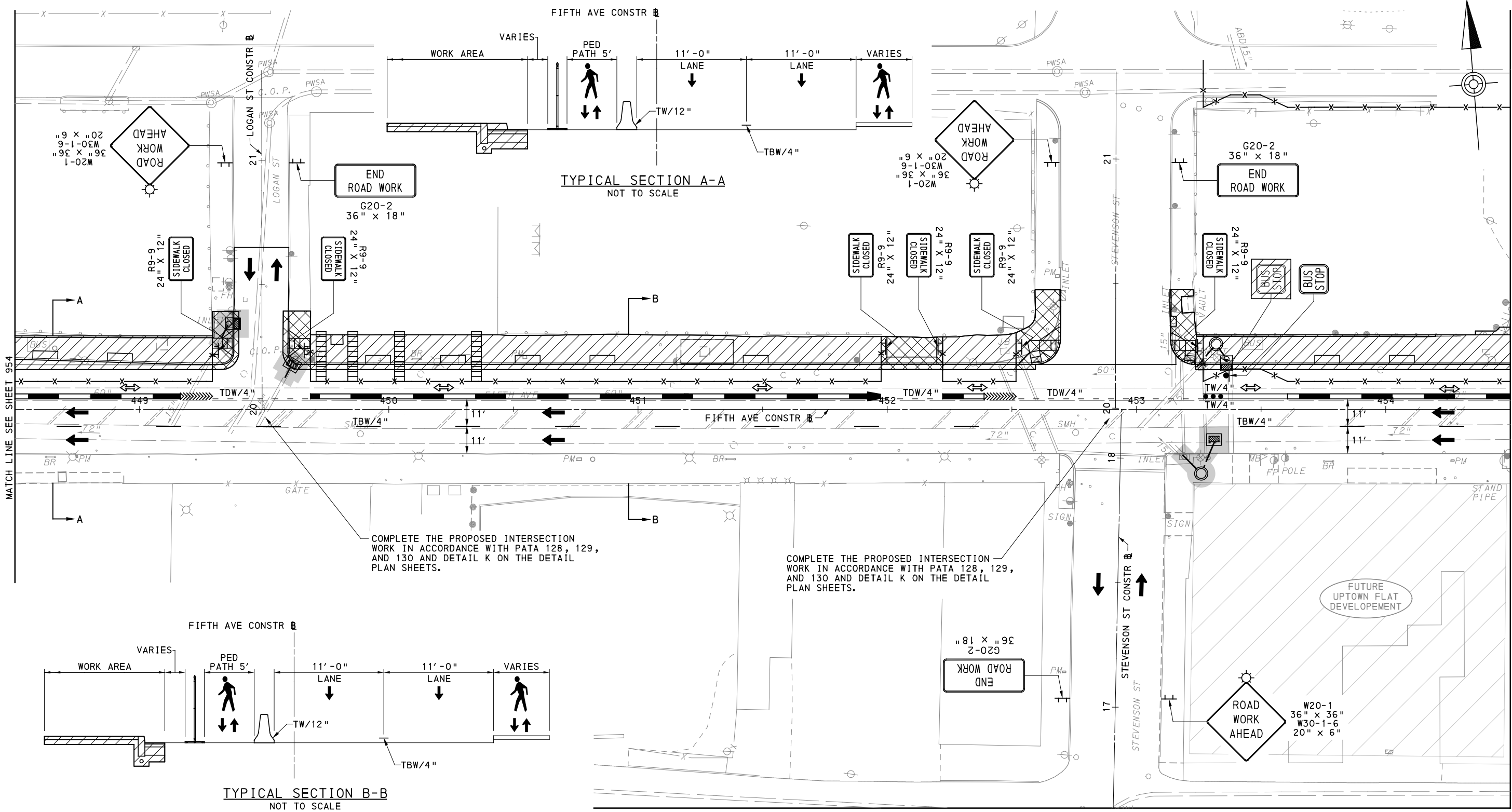
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	DWG. NO. MT41 SHT. 954



UPTOWN SECTION - FIFTH AVE
PHASE 1 - STAGE A
SHEET 5 OF 6

[FOR ROADWAY PLAN SEE SHEET 360]



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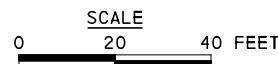
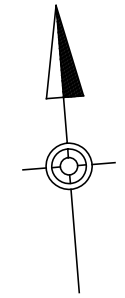
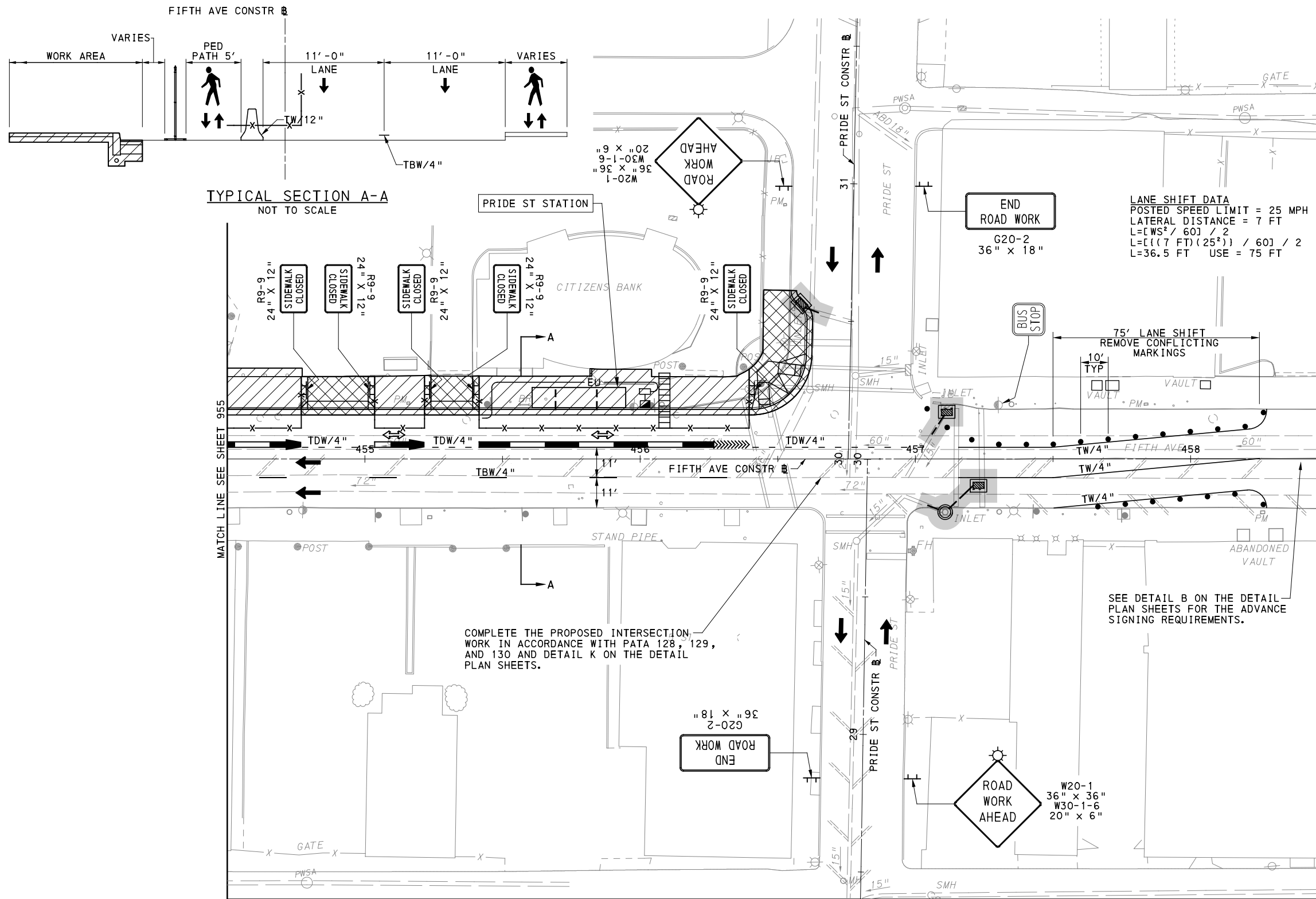
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PHASE 1A / FIFTH AVE - STA 448+50 TO STA 454+50

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UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE A
 SHEET 6 OF 6

[FOR ROADWAY PLAN SEE SHEET 361]

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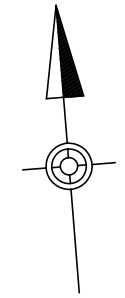
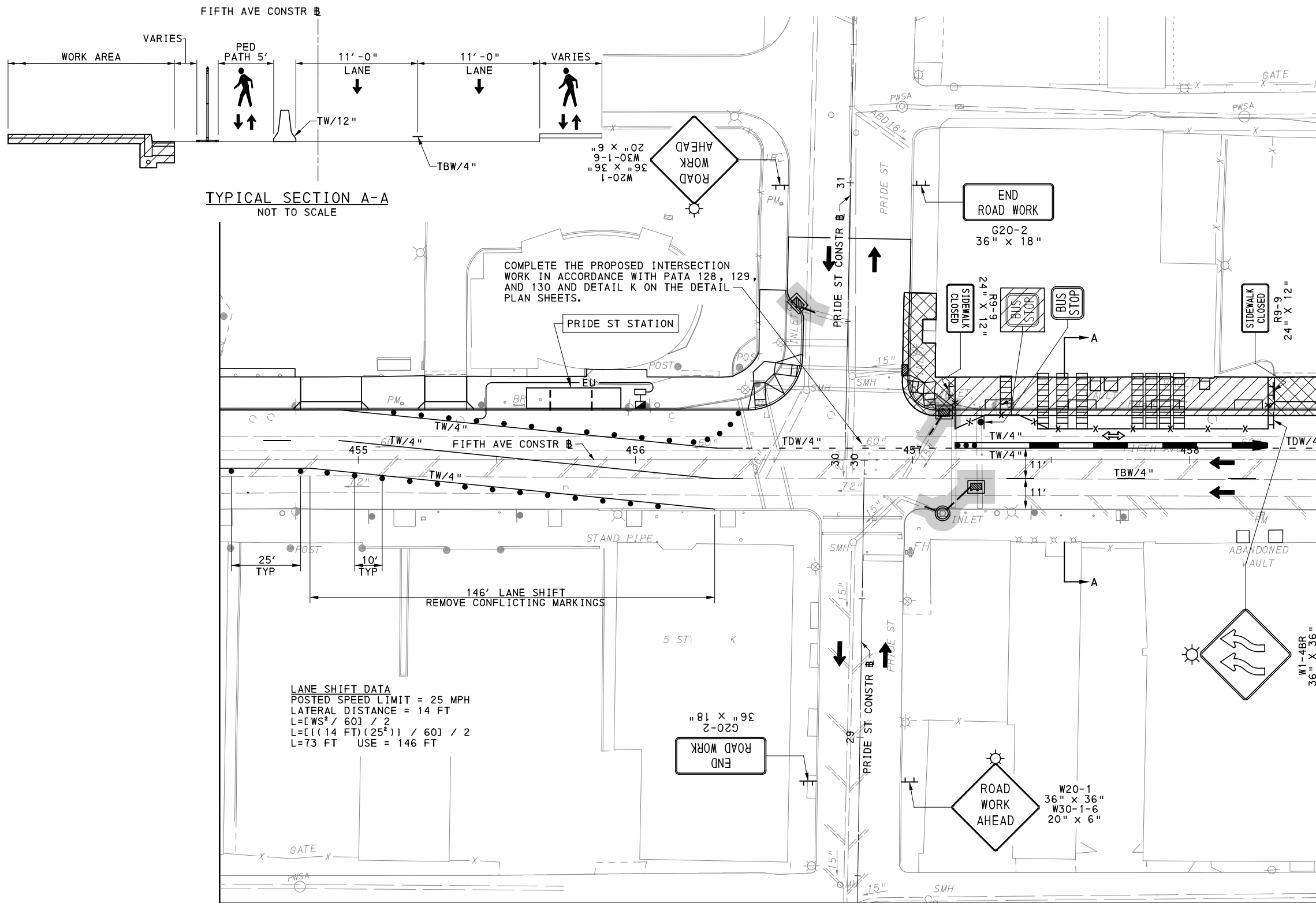
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UPTOWN SECTION - FIFTH AVE
PHASE 1 - STAGE B
SHEET 1 OF 5

[FOR ROADWAY PLAN SEE SHEET 361]



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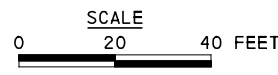
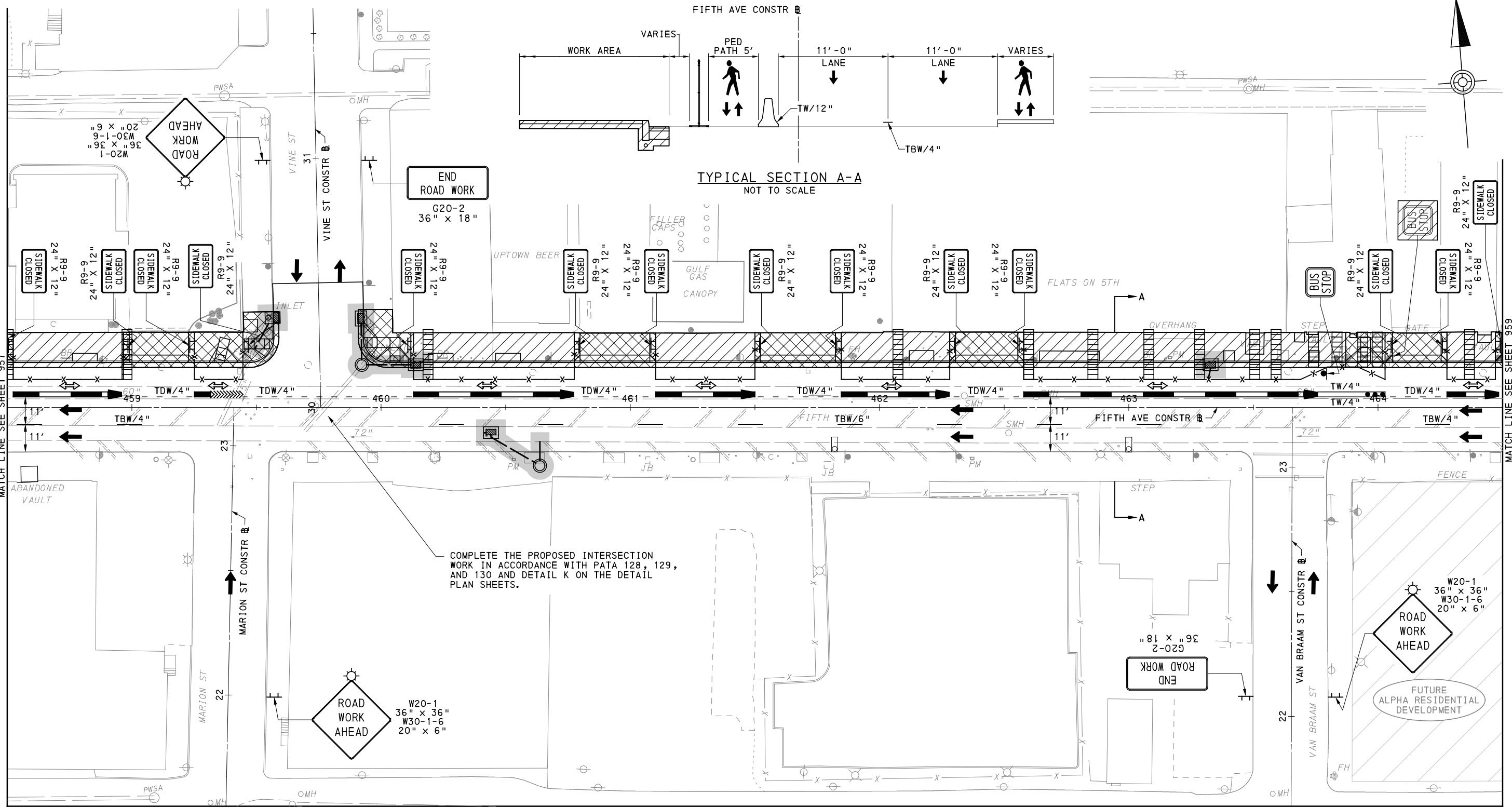
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UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE B
 SHEET 2 OF 5

[FOR ROADWAY PLAN SEE SHEET 362]



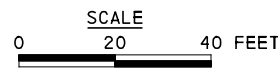
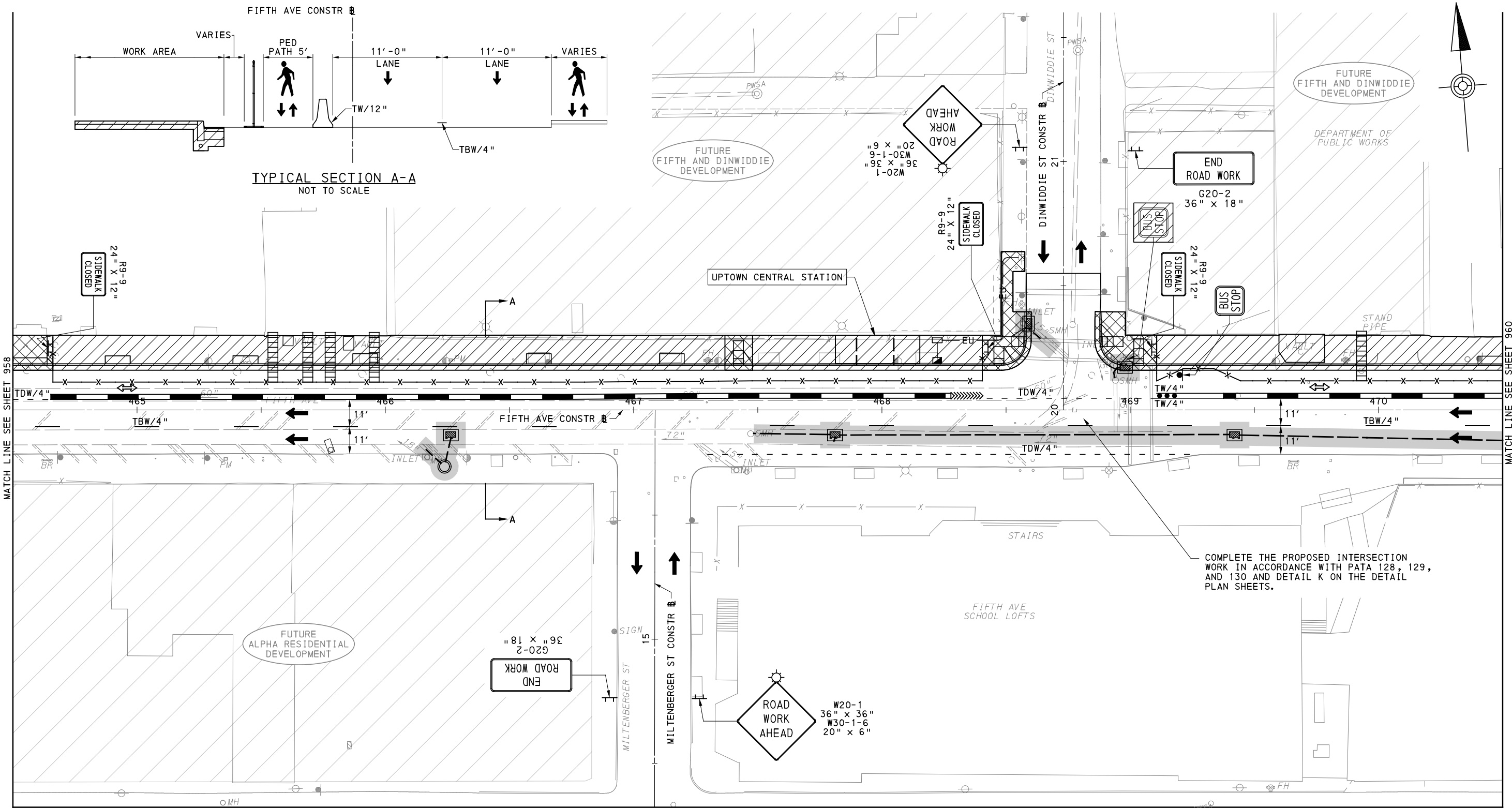
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UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE B
 SHEET 3 OF 5

[FOR ROADWAY PLAN SEE SHEET 363]

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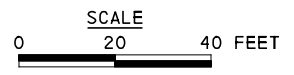
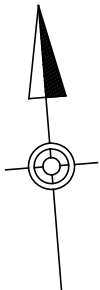
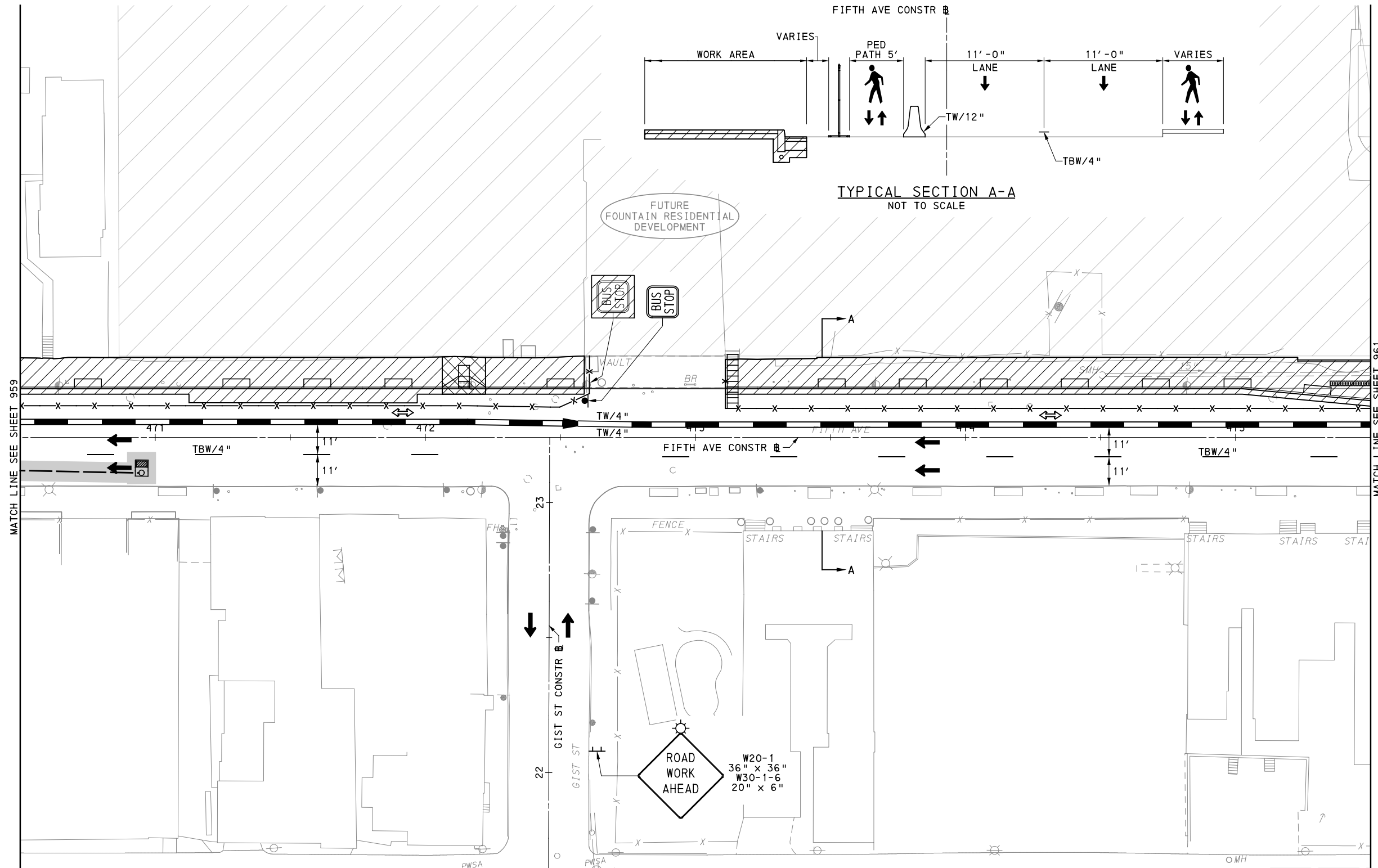
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UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE B
 SHEET 4 OF 5

[FOR ROADWAY PLAN SEE SHEET 364]

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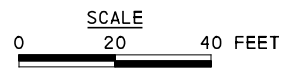
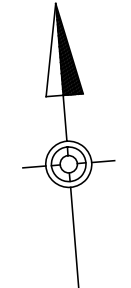
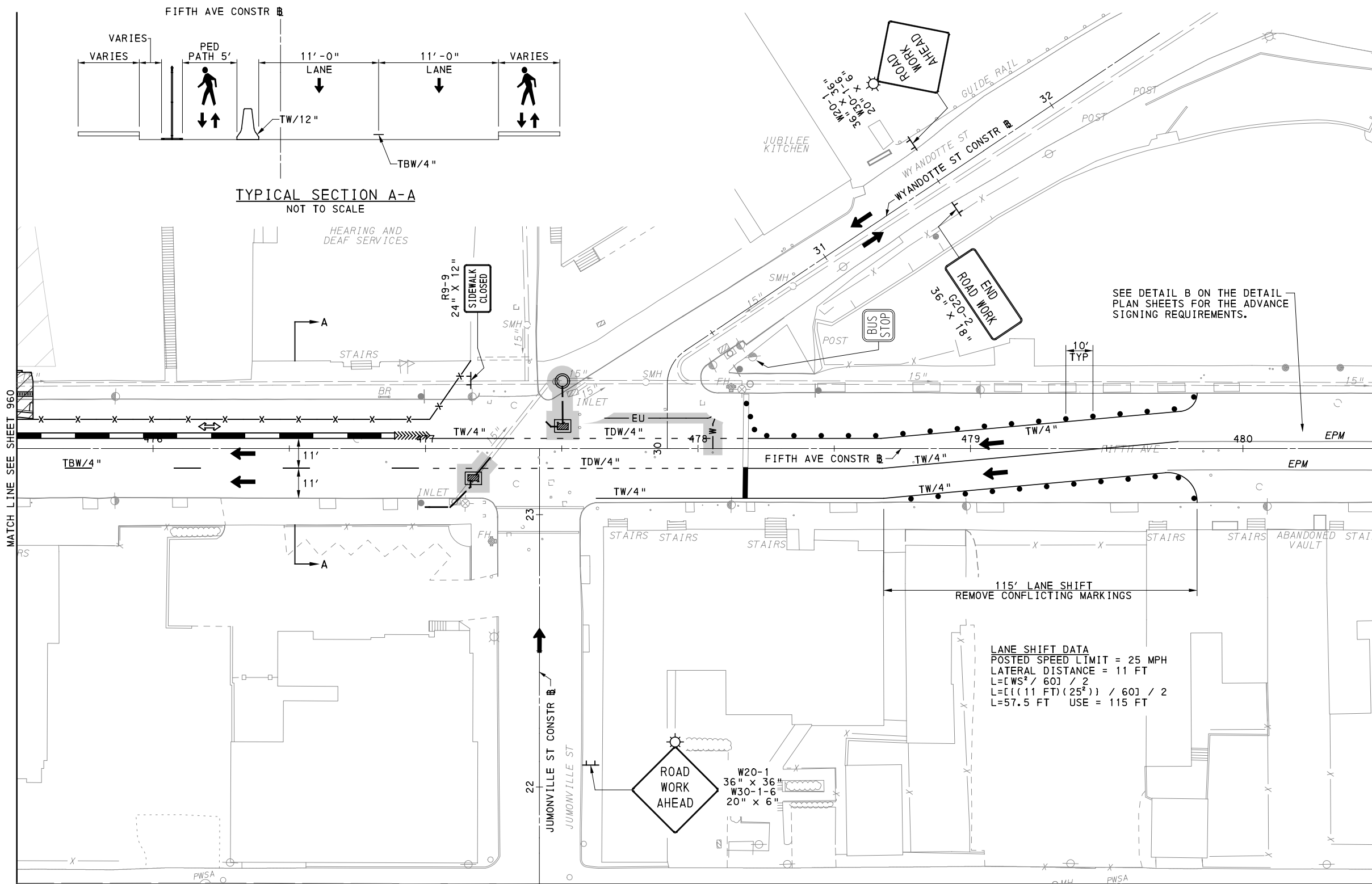
NO.	DATE	DESCRIPTION
REVISIONS		

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(NOT FOR CONSTRUCTION)

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DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 470+50 TO STA 475+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT47 SHT. 960



UPTOWN SECTION - FIFTH AVE
PHASE 1 - STAGE B
SHEET 5 OF 5

[FOR ROADWAY PLAN SEE SHEET 365]

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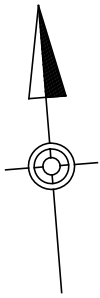
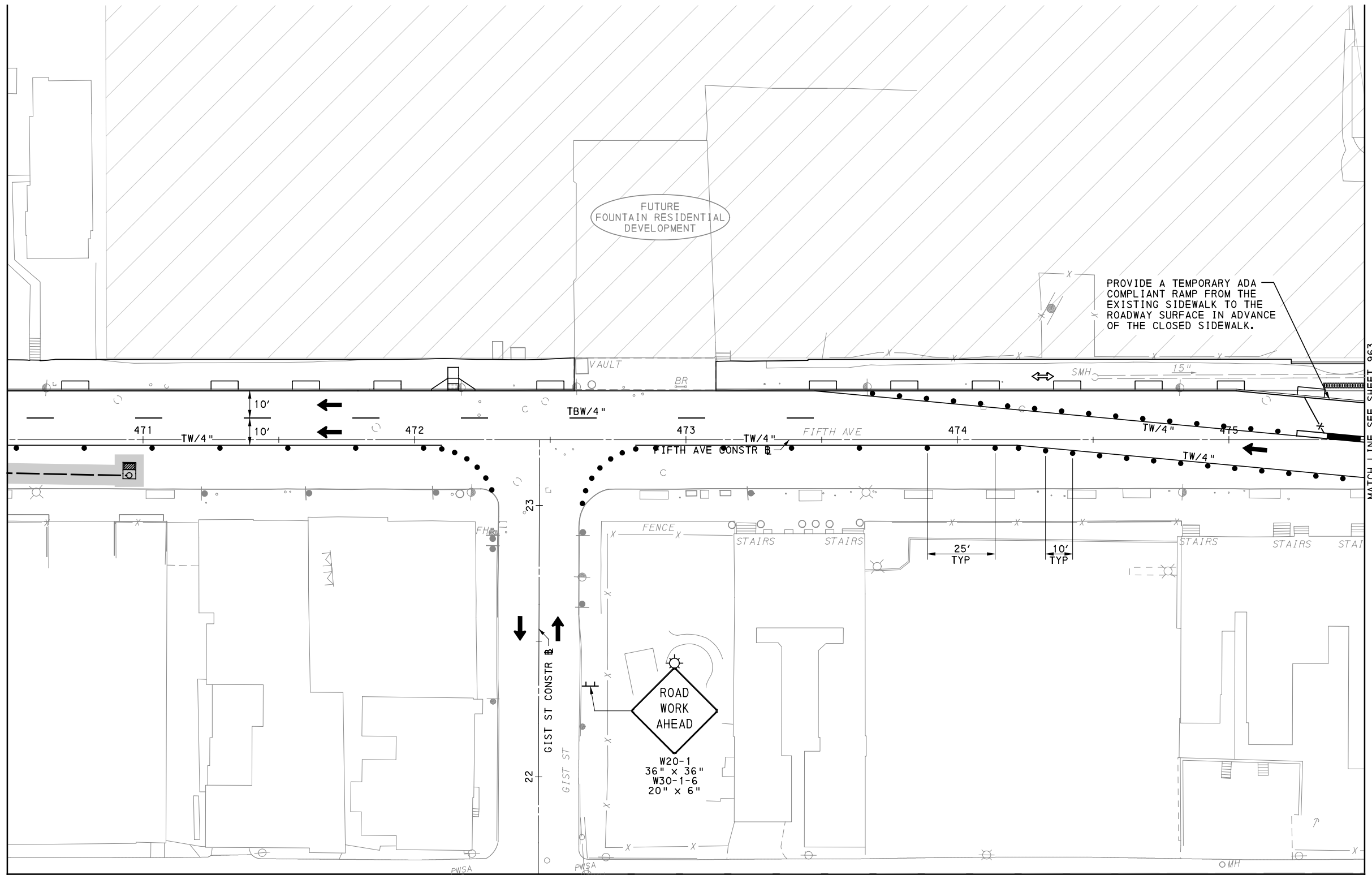
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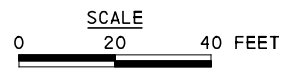
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 475+50 TO STA 480+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT48 SHT. 961



MATCH LINE SEE SHEET 963



UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE C
 SHEET 1 OF 5

[FOR ROADWAY PLAN SEE SHEET 364]

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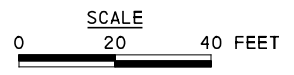
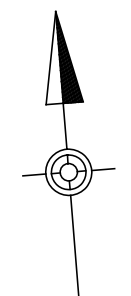
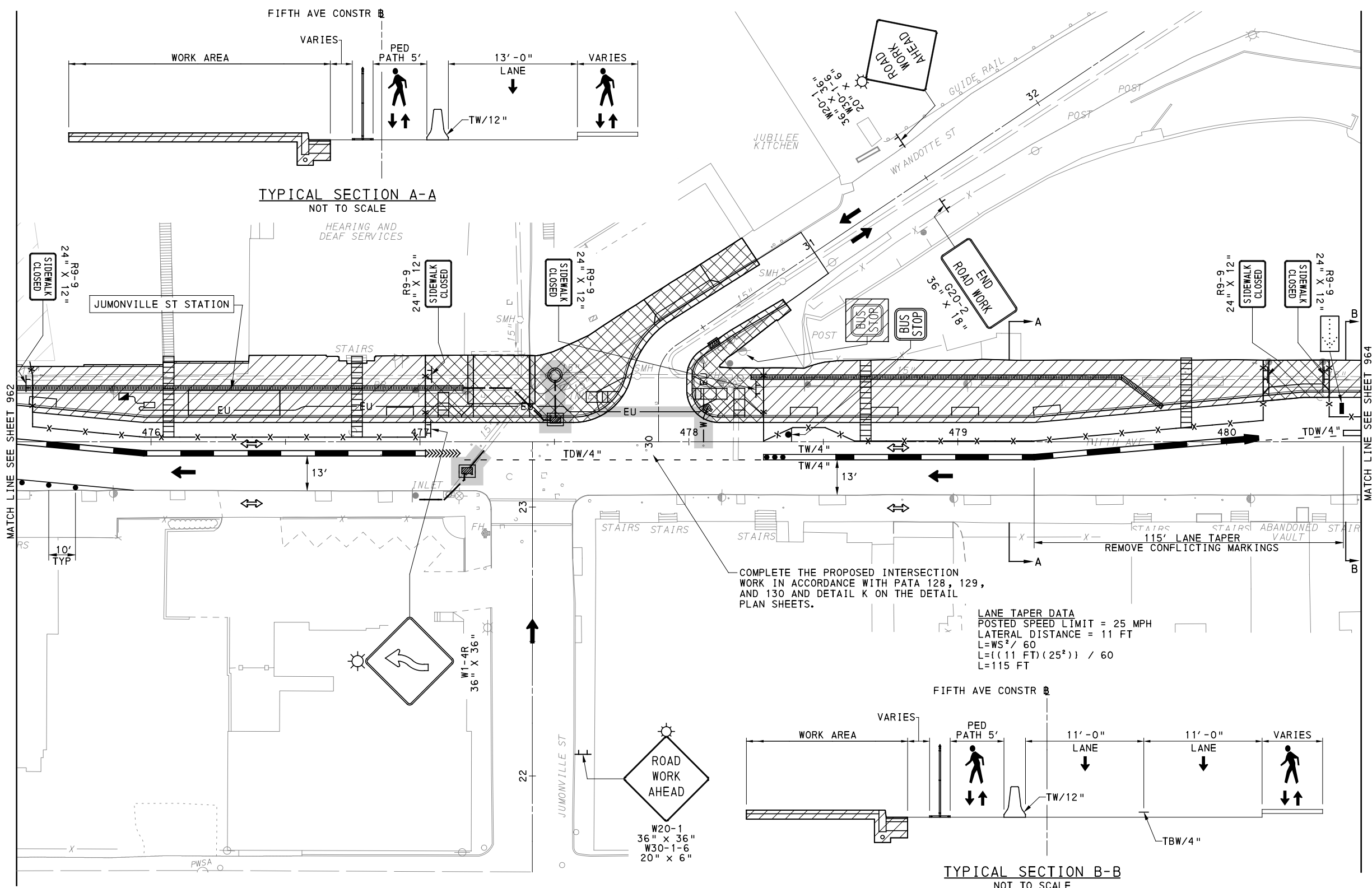
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 470+50 TO STA 475+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT49 SHT. 962



UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE C
 SHEET 2 OF 5

[FOR ROADWAY PLAN SEE SHEET 365]



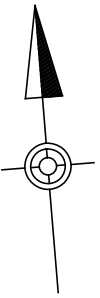
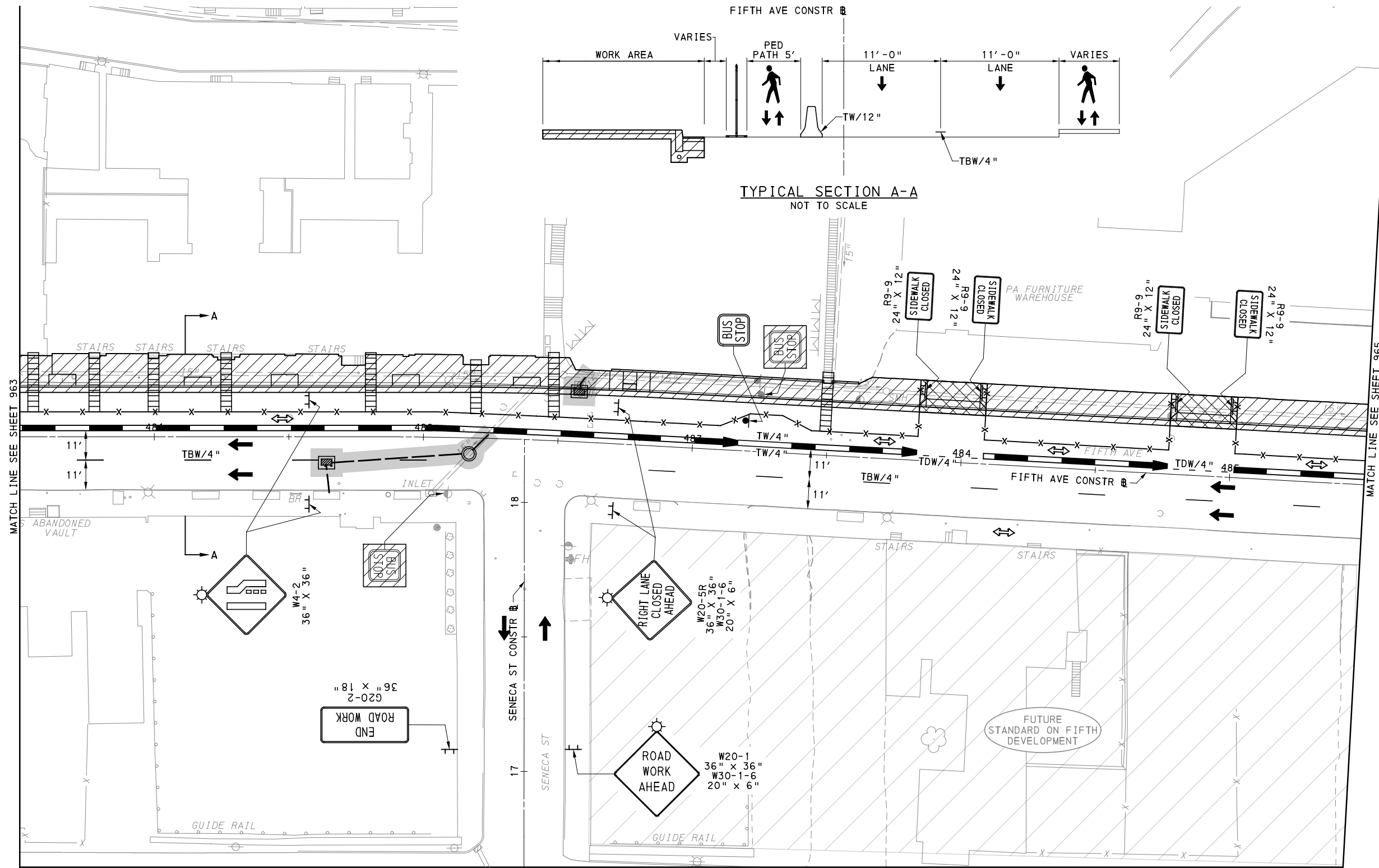
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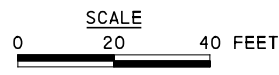
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 475+50 TO STA 480+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT50 SHT. 963



TYPICAL SECTION A-A
NOT TO SCALE



UPTOWN SECTION - FIFTH AVE
PHASE 1 - STAGE C
SHEET 3 OF 5

[FOR ROADWAY PLAN SEE SHEET 366]

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Pittsburgh, PA 15219

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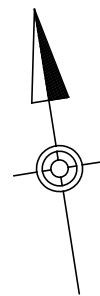
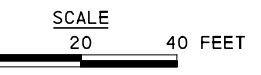
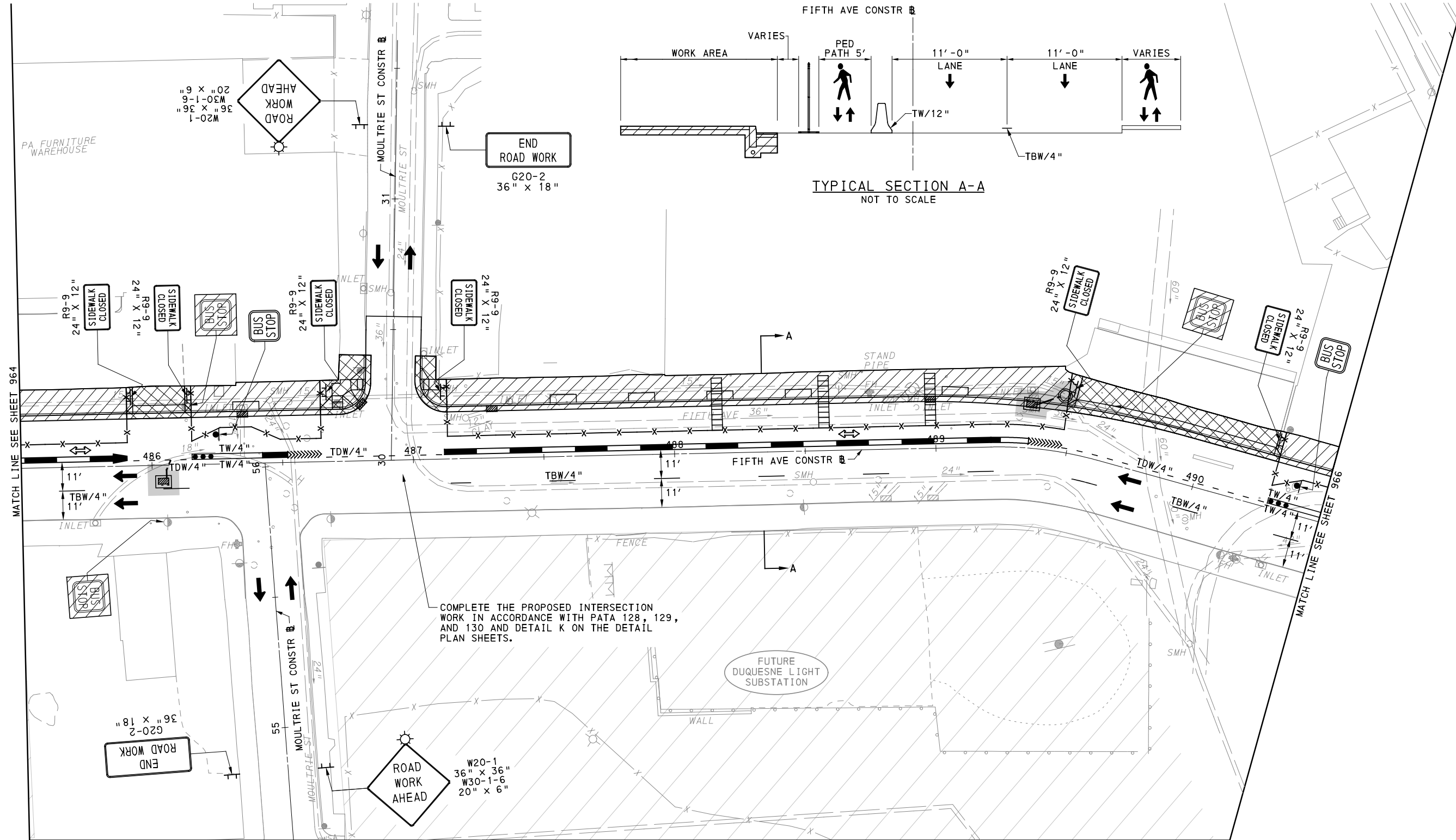
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 1C / FIFTH AVE - STA 480+50 TO STA 485+50**

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CONTRACT NO. BRT-001
DWG. NO. MT51 SHT. 964



TYPICAL SECTION A-A
NOT TO SCALE

COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.

FUTURE DUQUESNE LIGHT SUBSTATION

UPTOWN SECTION - FIFTH AVE
PHASE 1 - STAGE C
SHEET 4 OF 5

[FOR ROADWAY PLAN SEE SHEET 367]



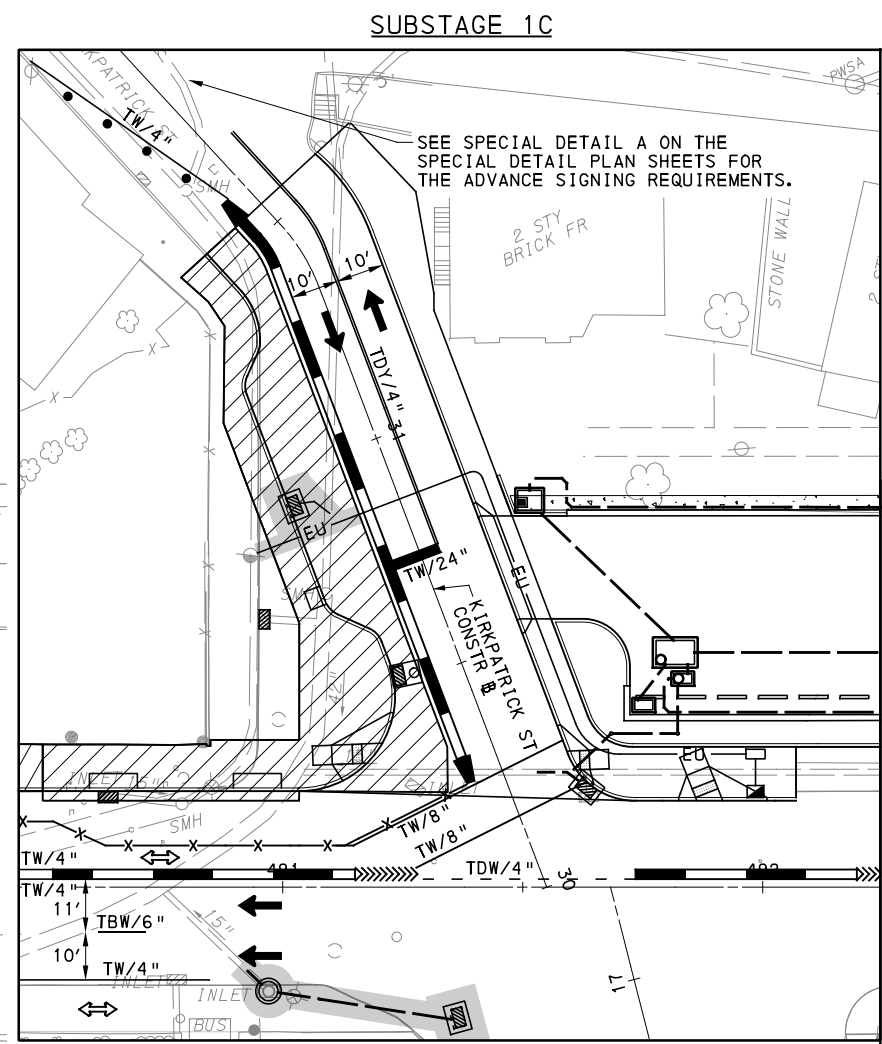
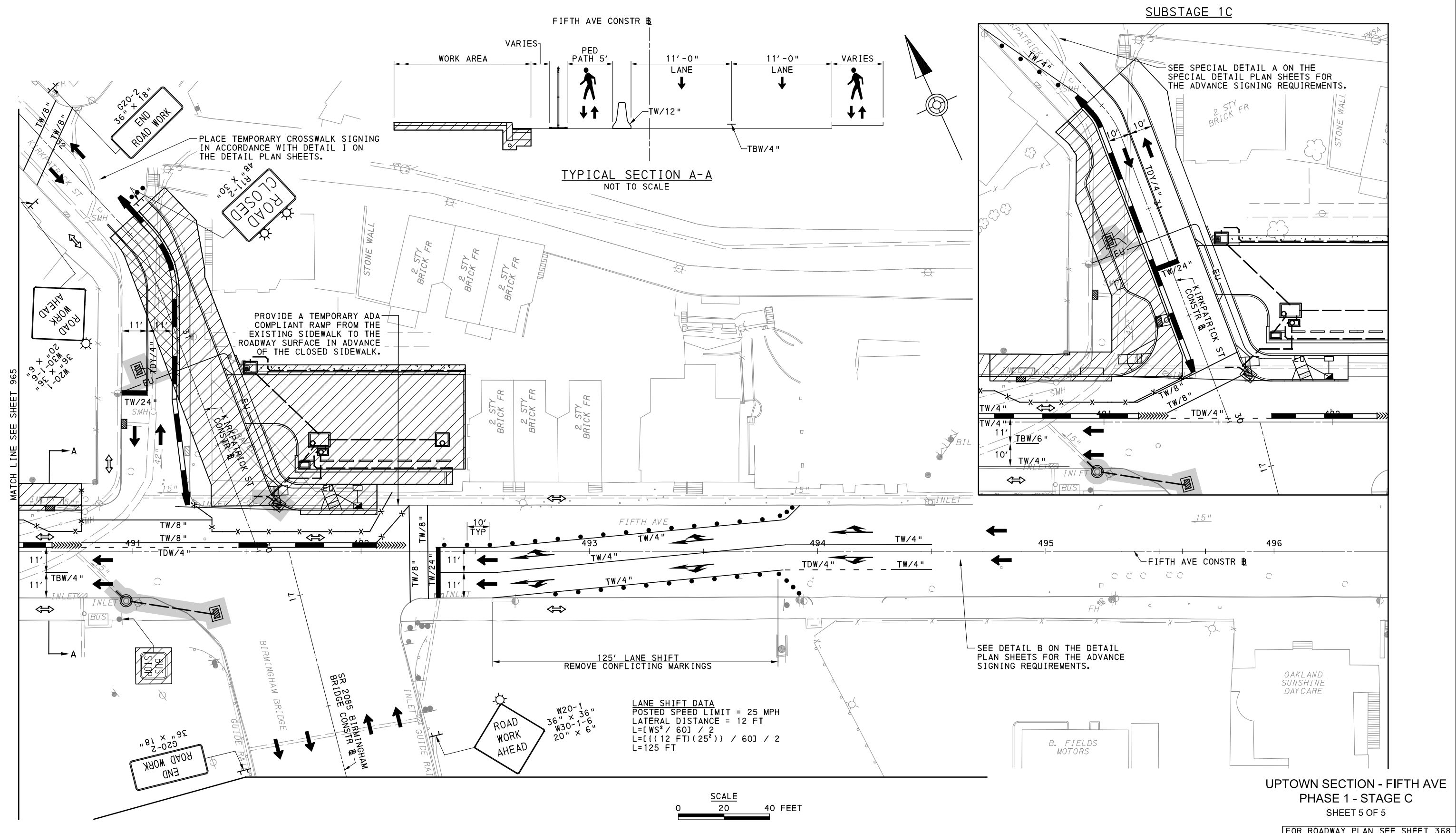
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 485+50 TO STA 490+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT52 SHT. 965



UPTOWN SECTION - FIFTH AVE
 PHASE 1 - STAGE C
 SHEET 5 OF 5

[FOR ROADWAY PLAN SEE SHEET 368]



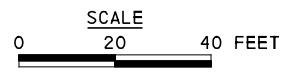
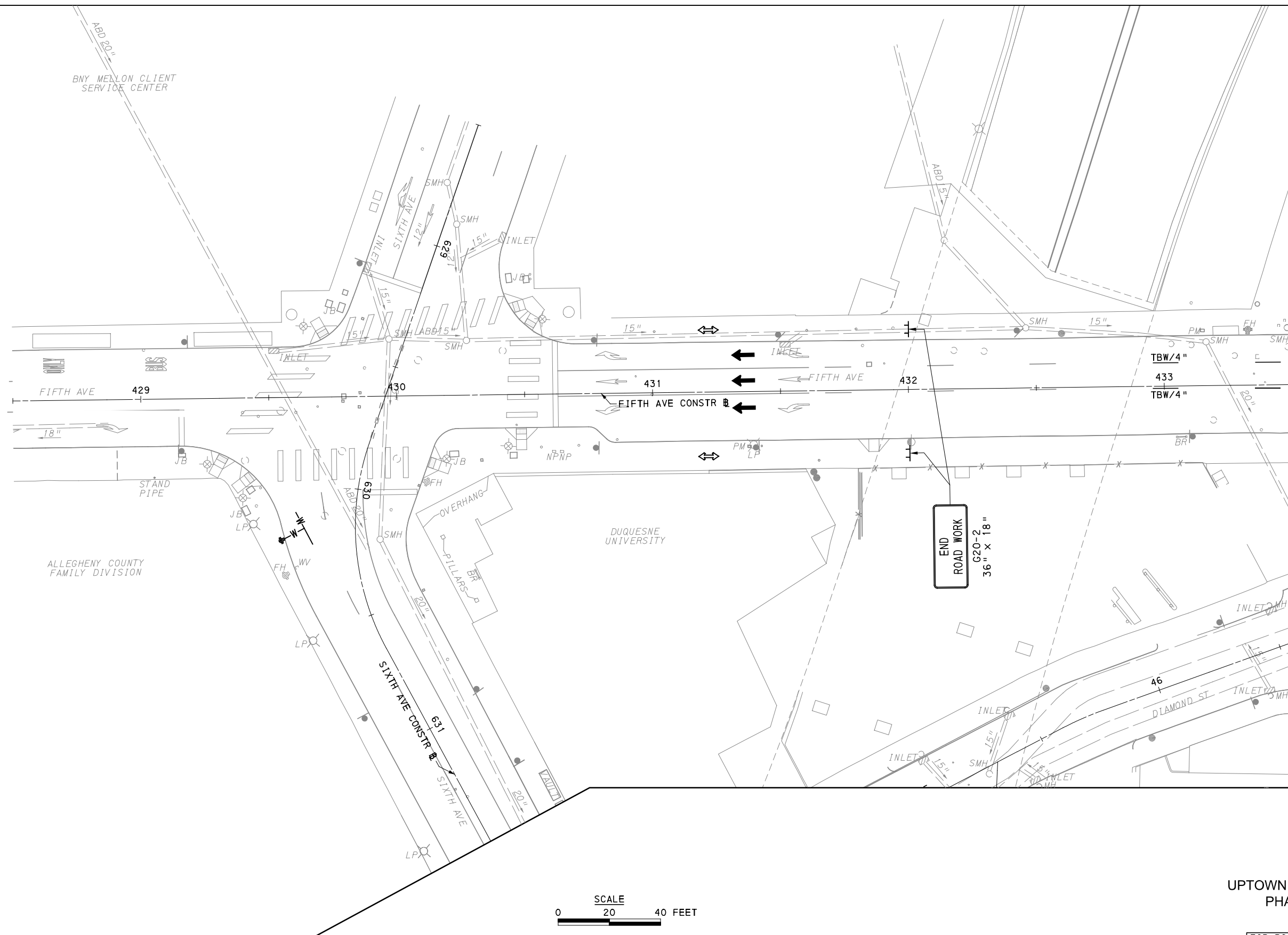
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 490+50 TO STA 496+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT53 SHT. 966



UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 1 OF 6
[FOR ROADWAY PLAN SEE SHEET 0

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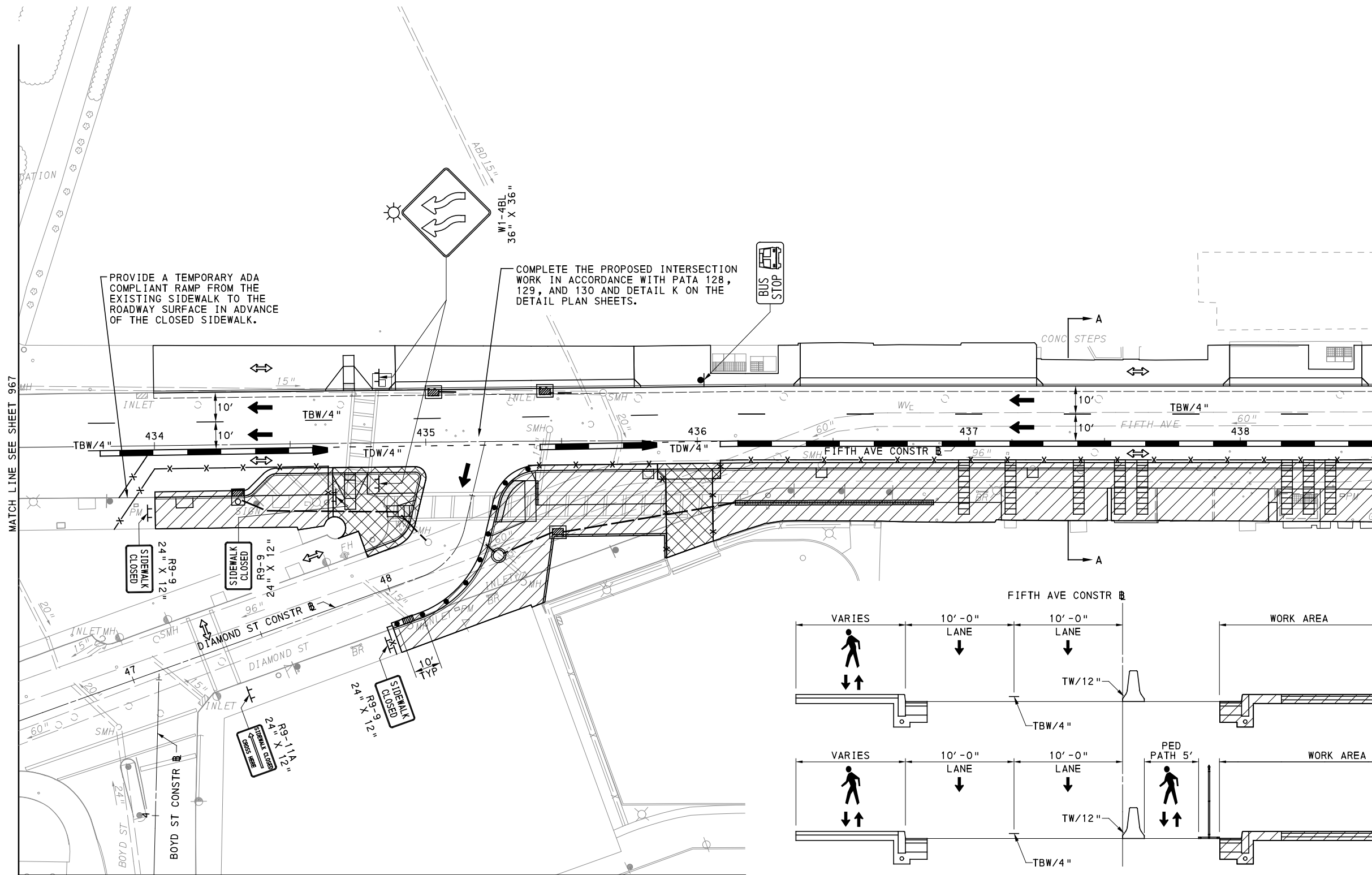
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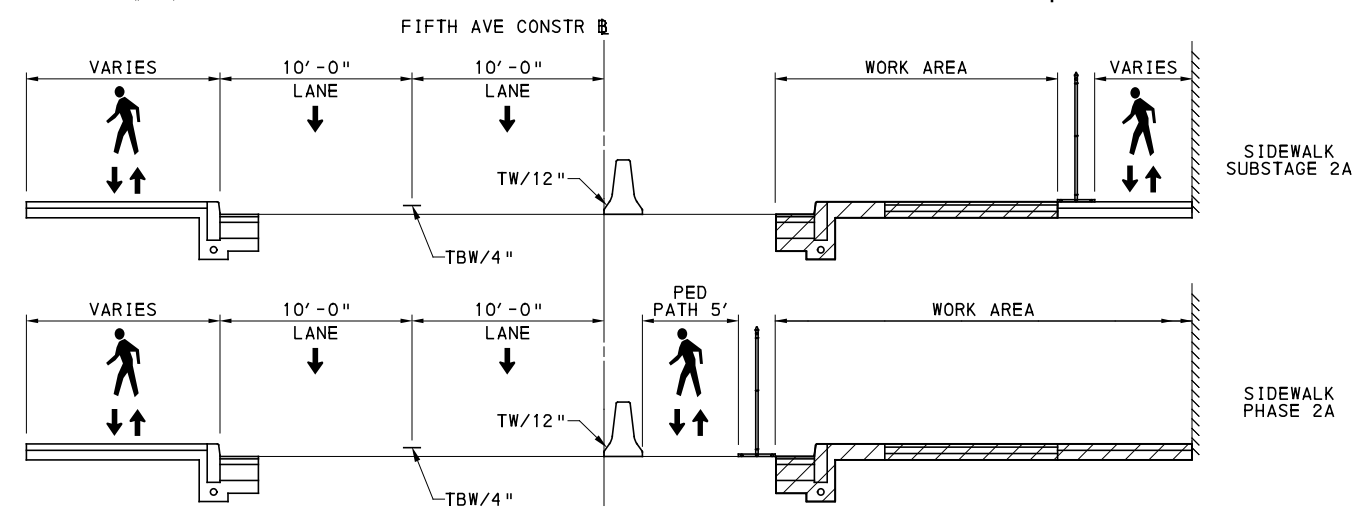
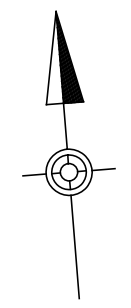
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IN CHARGE	JKM
DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / SIXTH AVE - STA 428+50 TO STA 433+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT54 SHT. 967

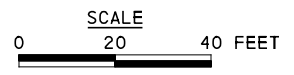


MATCH LINE SEE SHEET 967

MATCH LINE SEE SHEET 969



TYPICAL SECTION A-A
NOT TO SCALE



UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 2 OF 6

[FOR ROADWAY PLAN SEE SHEET 357]



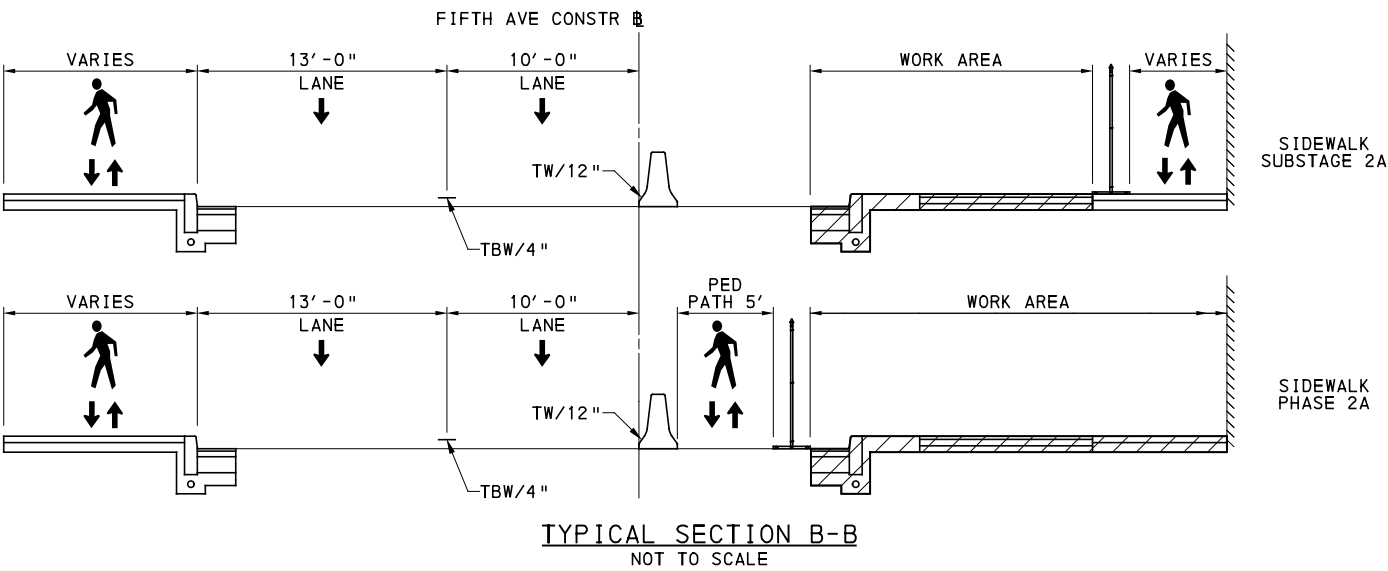
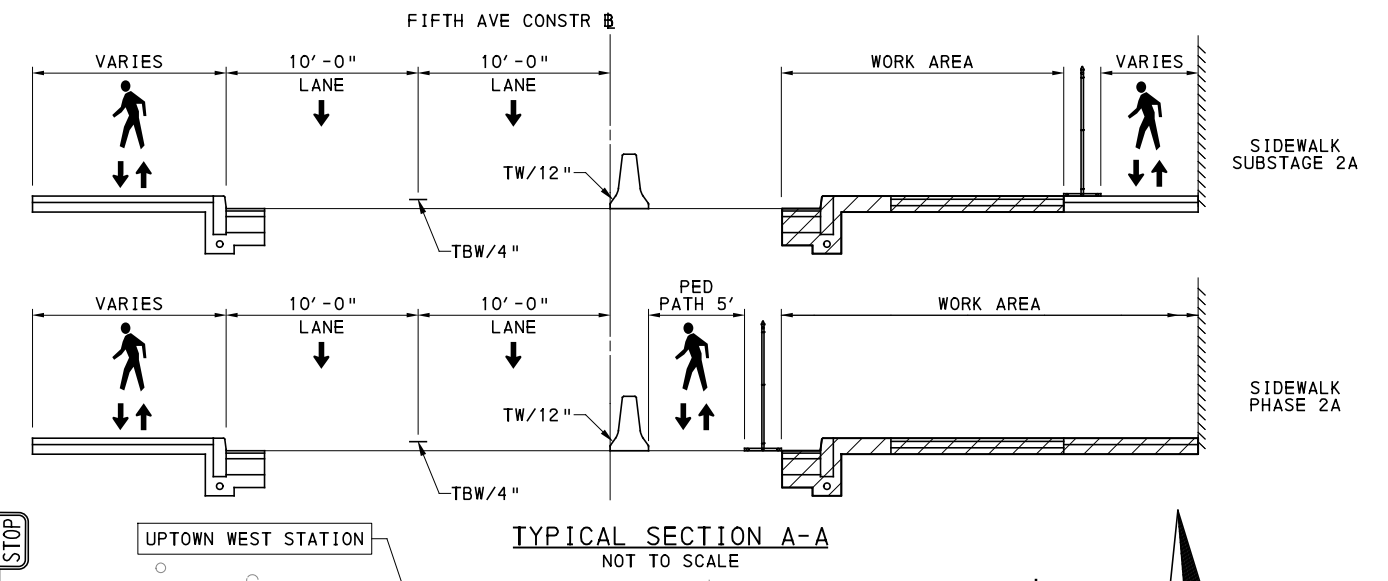
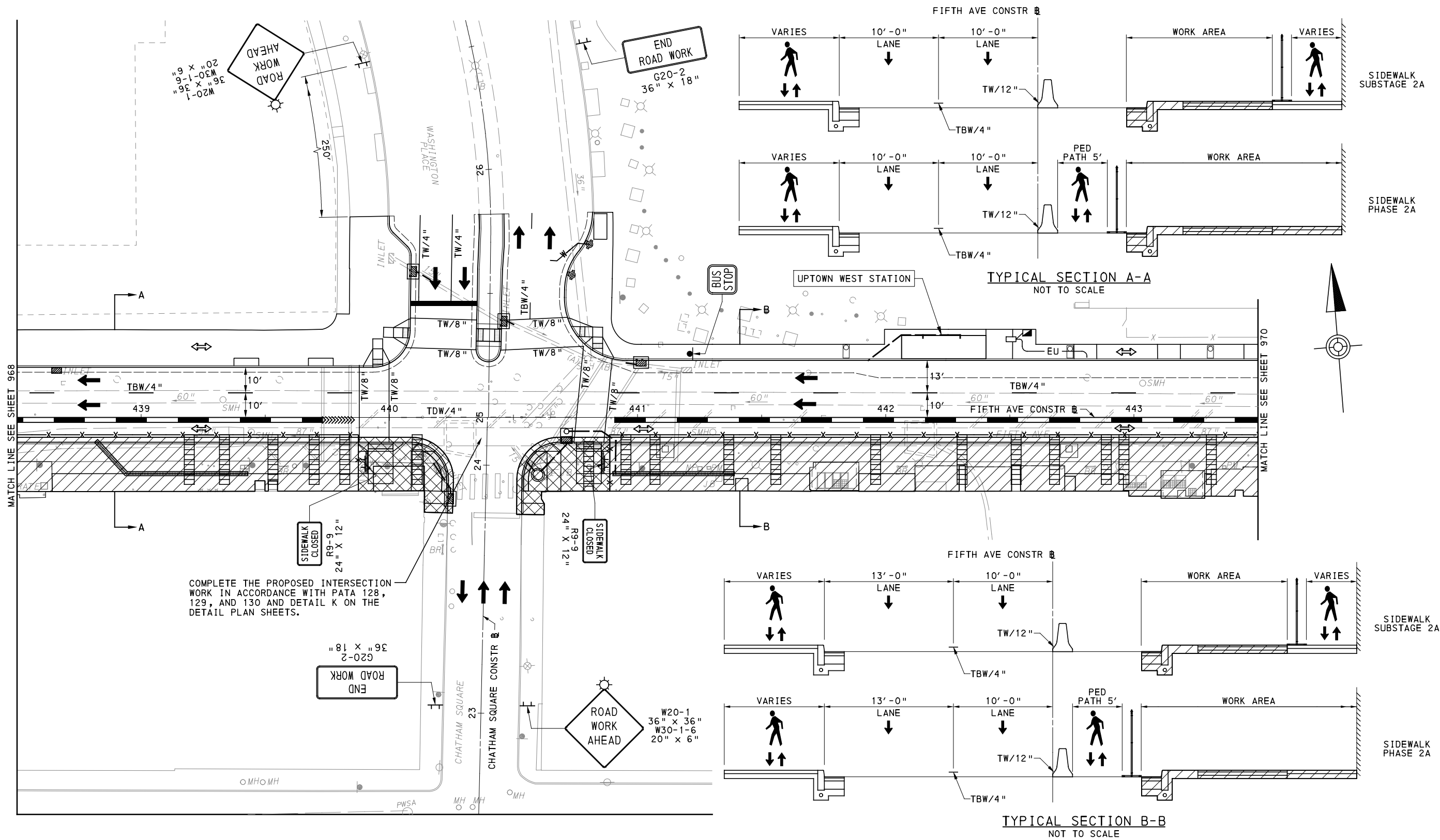
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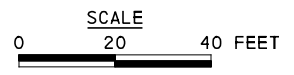
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 433+50 TO STA 438+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT55 SHT. 968



COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.



UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 3 OF 6

[FOR ROADWAY PLAN SEE SHEET 358]



NO.	DATE	DESCRIPTION
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

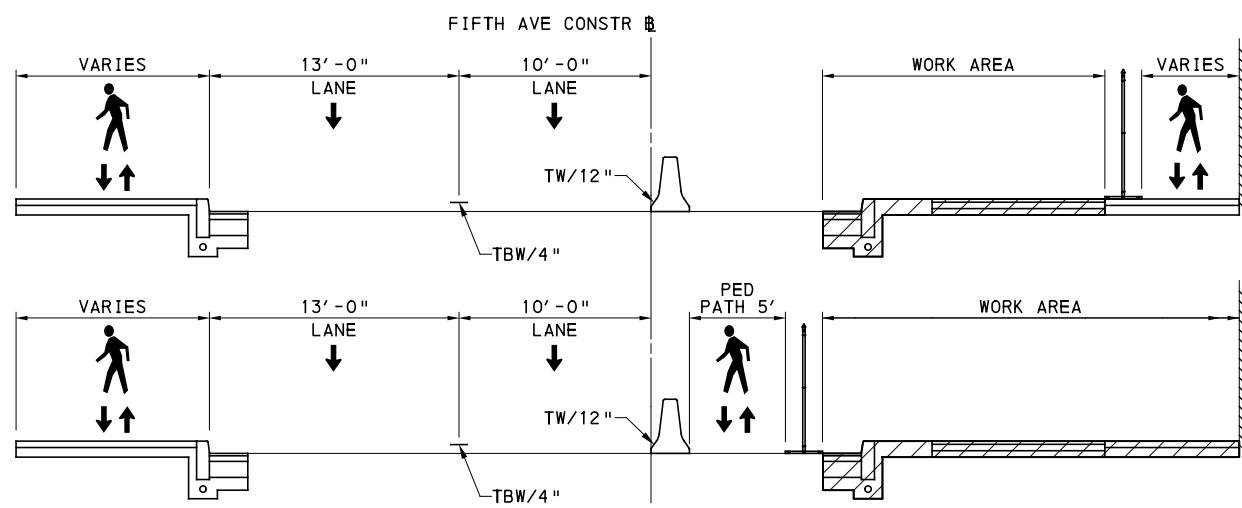
BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2A / FIFTH AVE - STA 438+50 TO STA 443+50

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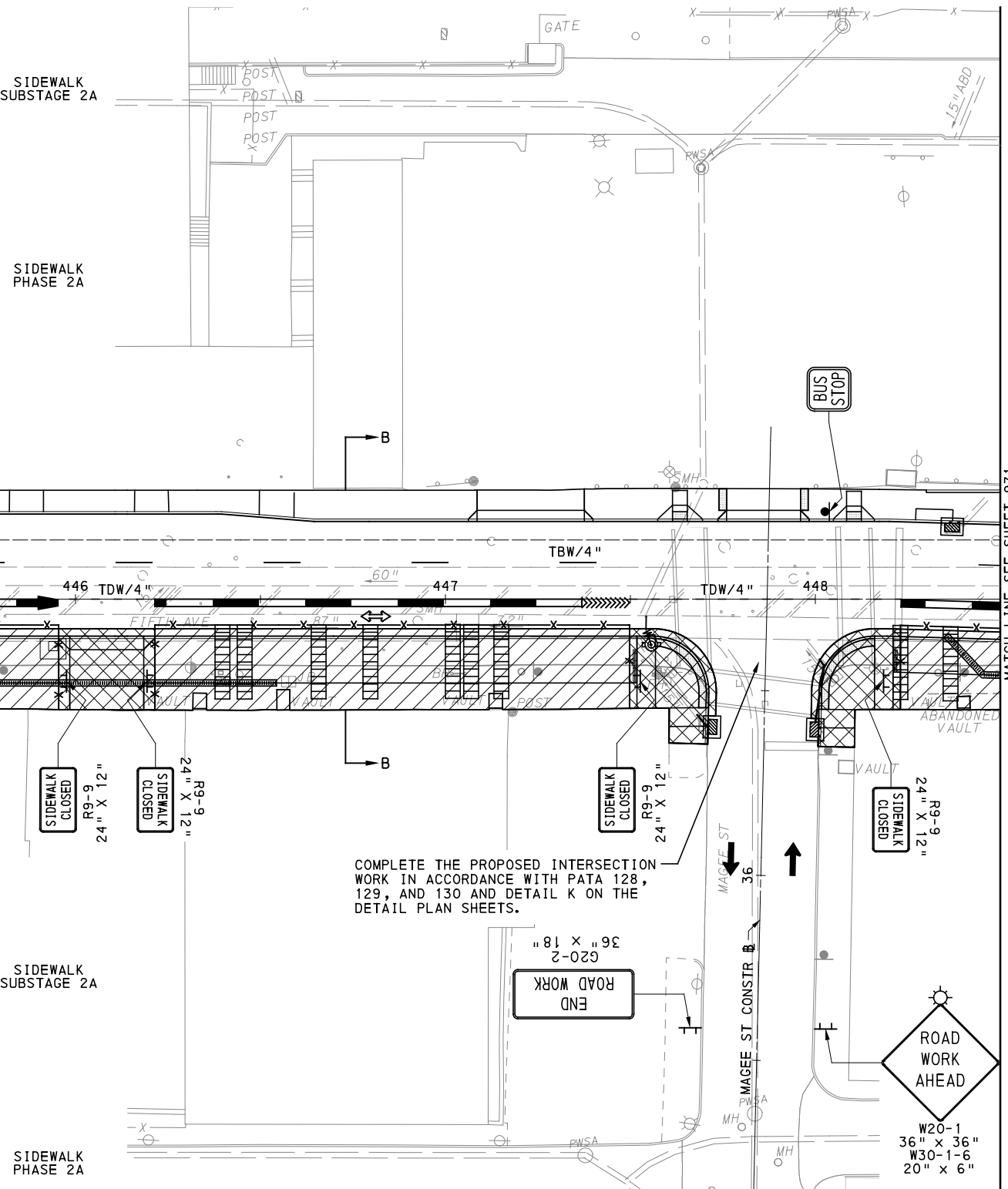
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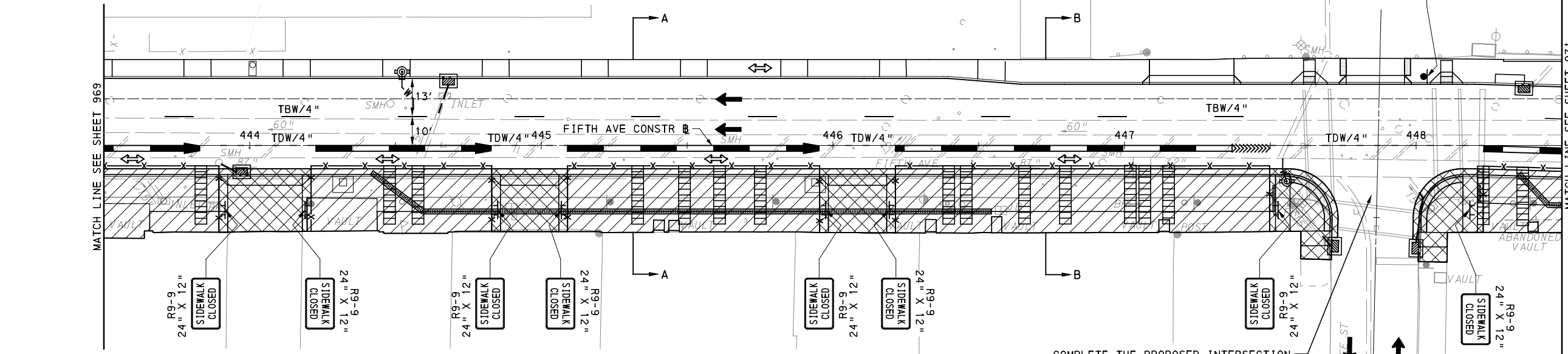
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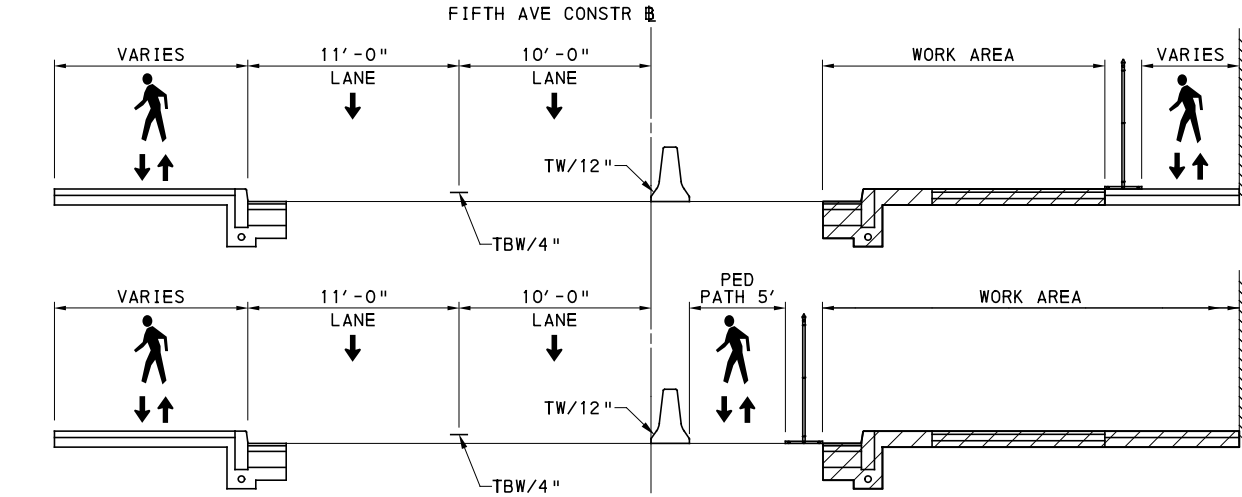
TYPICAL SECTION A-A
NOT TO SCALE



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0 20 40 FEET



COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.



TYPICAL SECTION B-B
NOT TO SCALE

UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 4 OF 6
[FOR ROADWAY PLAN SEE SHEET 359]

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5th Floor
Pittsburgh, PA 15219

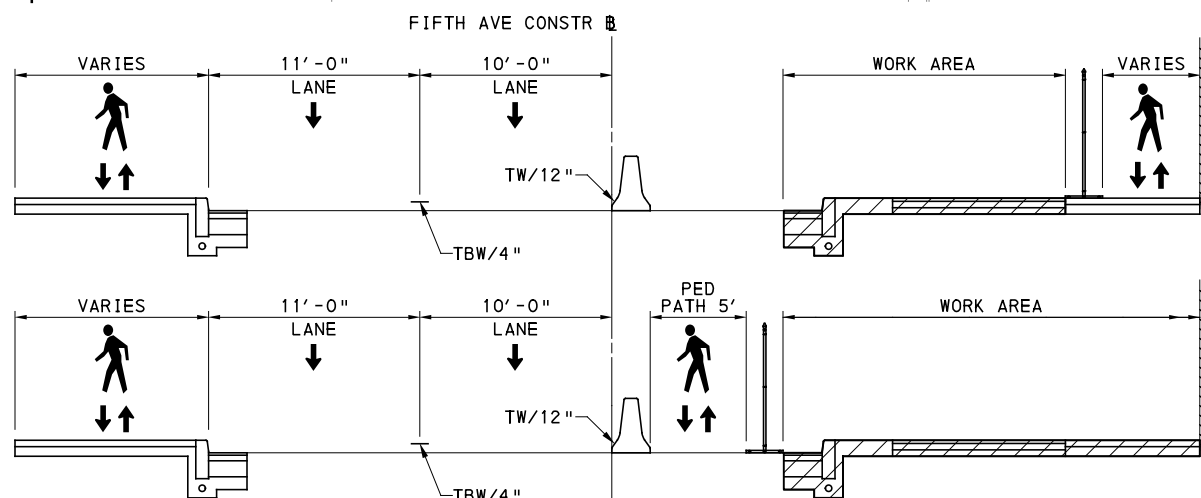
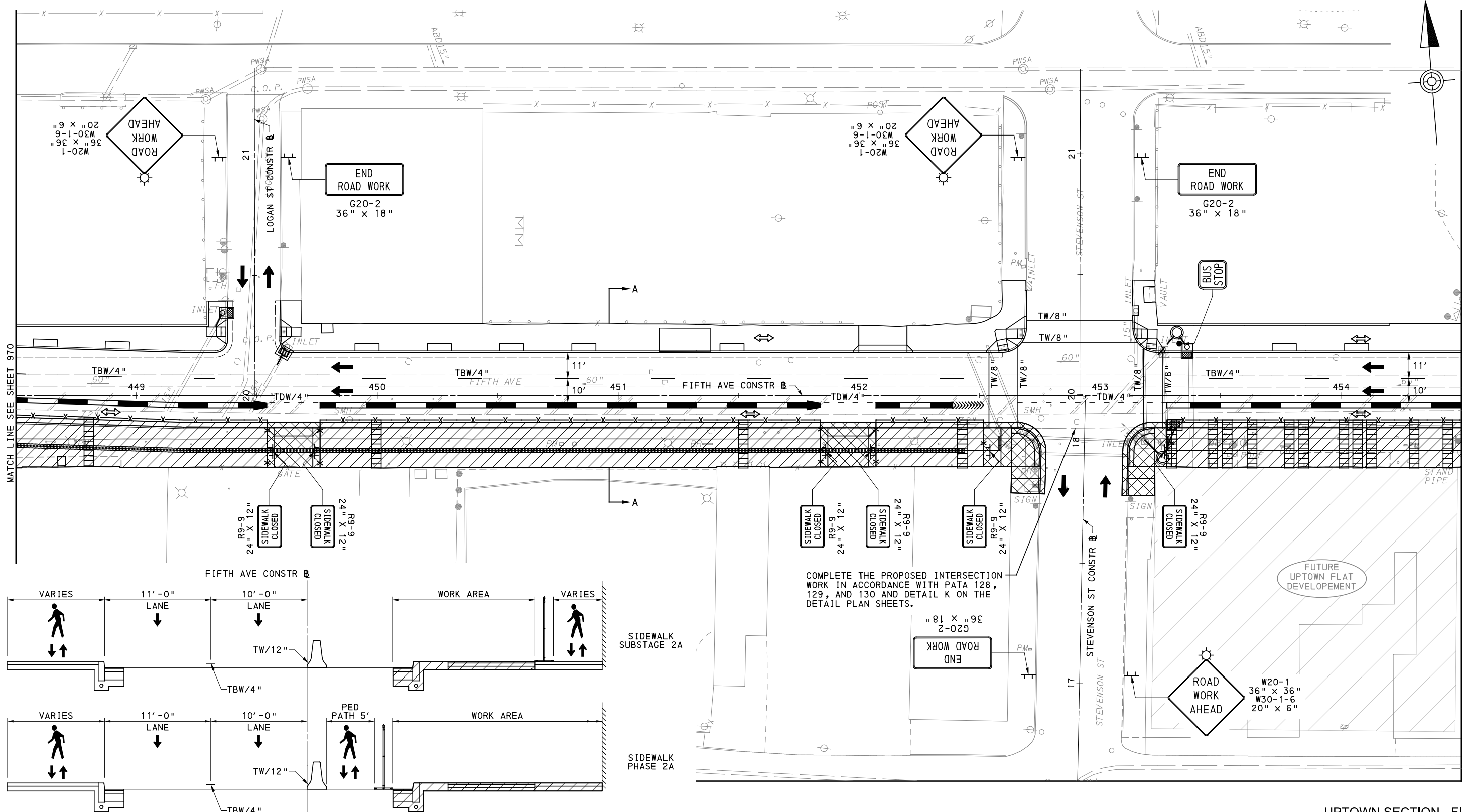
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(NOT FOR CONSTRUCTION)

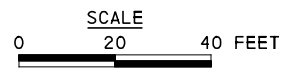
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 443+50 TO STA 448+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT57 SHT. 970



SIDEWALK SUBSTAGE 2A
SIDEWALK PHASE 2A

COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.



UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 5 OF 6

[FOR ROADWAY PLAN SEE SHEET 360]



NO.	DATE	DESCRIPTION
REVISIONS		

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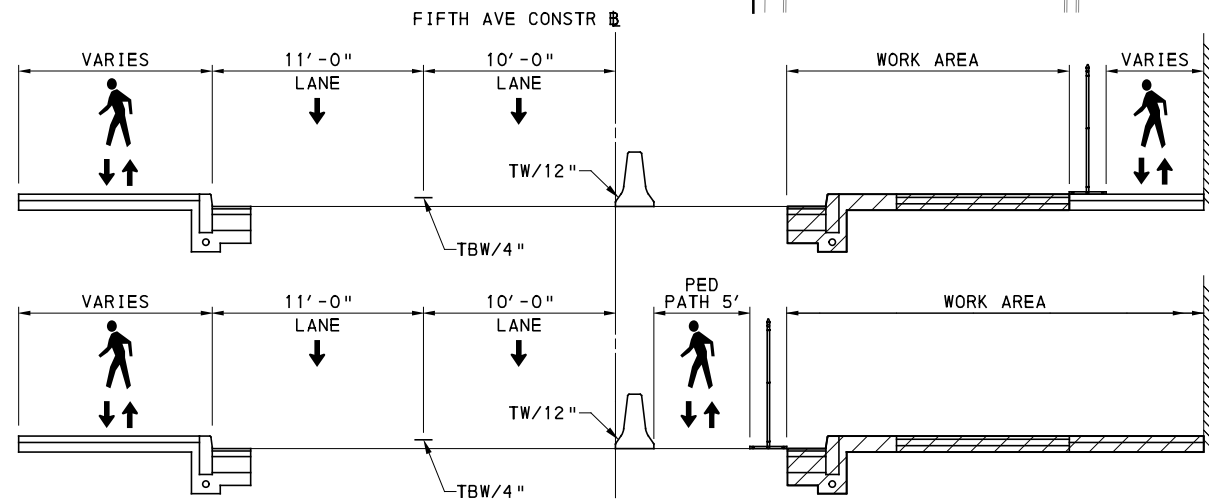
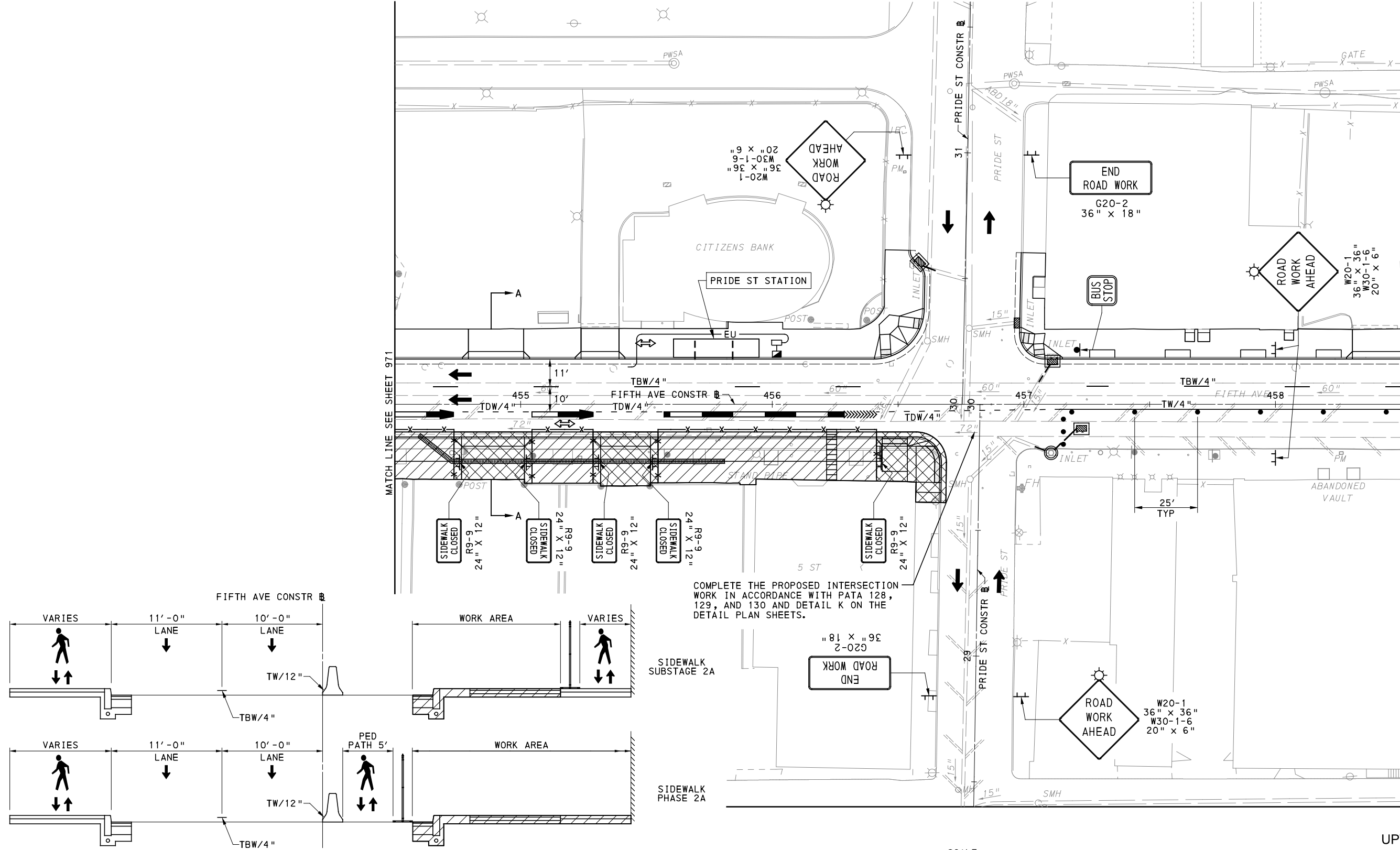
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DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2A / FIFTH AVE - STA 448+50 TO STA 454+50

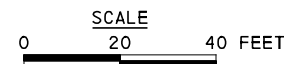
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CONTRACT NO. BRT-001
DWG. NO. MT58 SHT. 971



TYPICAL SECTION A-A
NOT TO SCALE

COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.



UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 6 OF 6

[FOR ROADWAY PLAN SEE SHEET 361]



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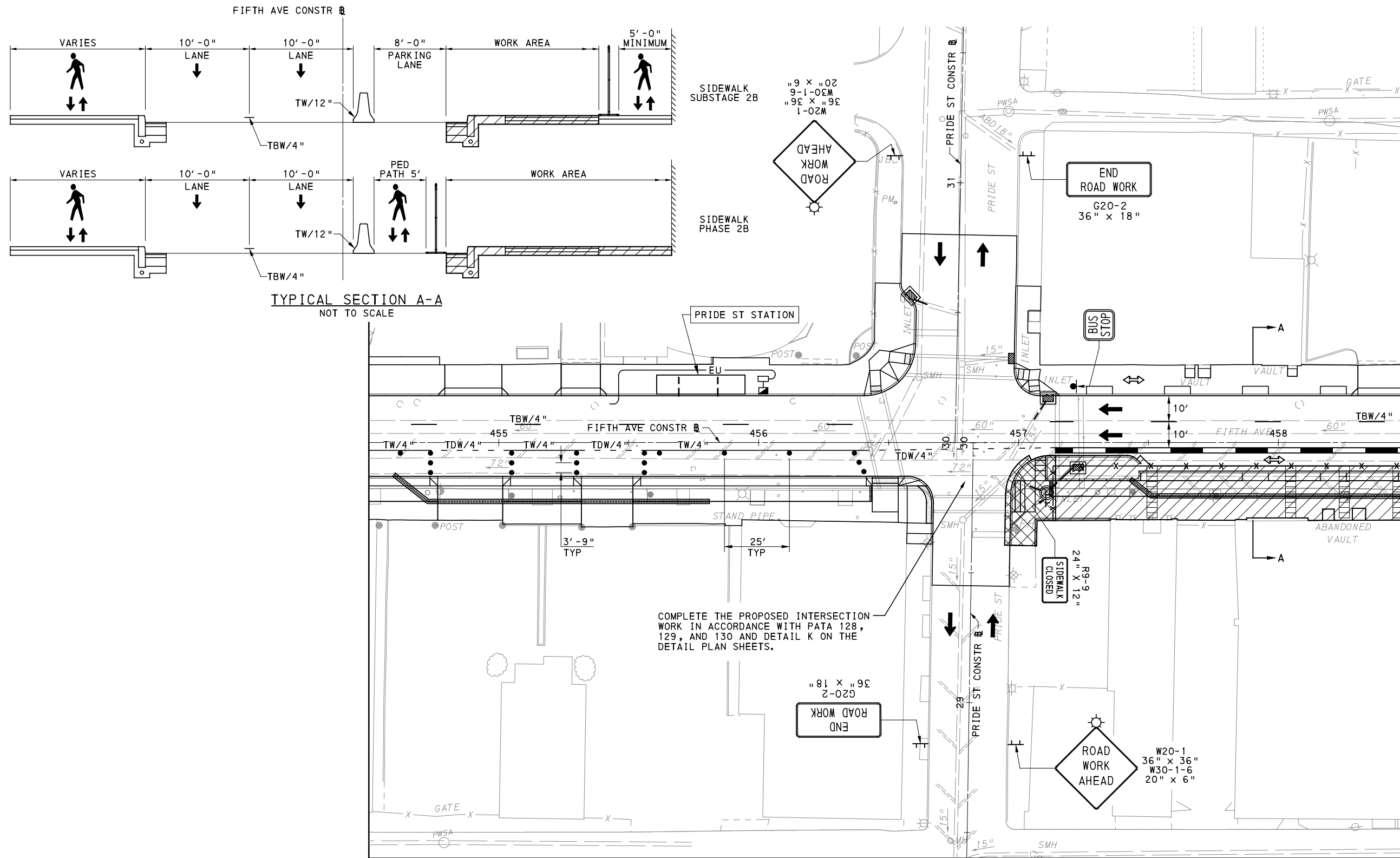
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 454+50 TO STA 458+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT59 SHT. 972

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COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.

MATCH LINE SEE SHEET 974

UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE B
SHEET 1 OF 5

[FOR ROADWAY PLAN SEE SHEET 361]



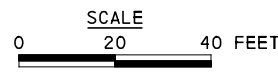
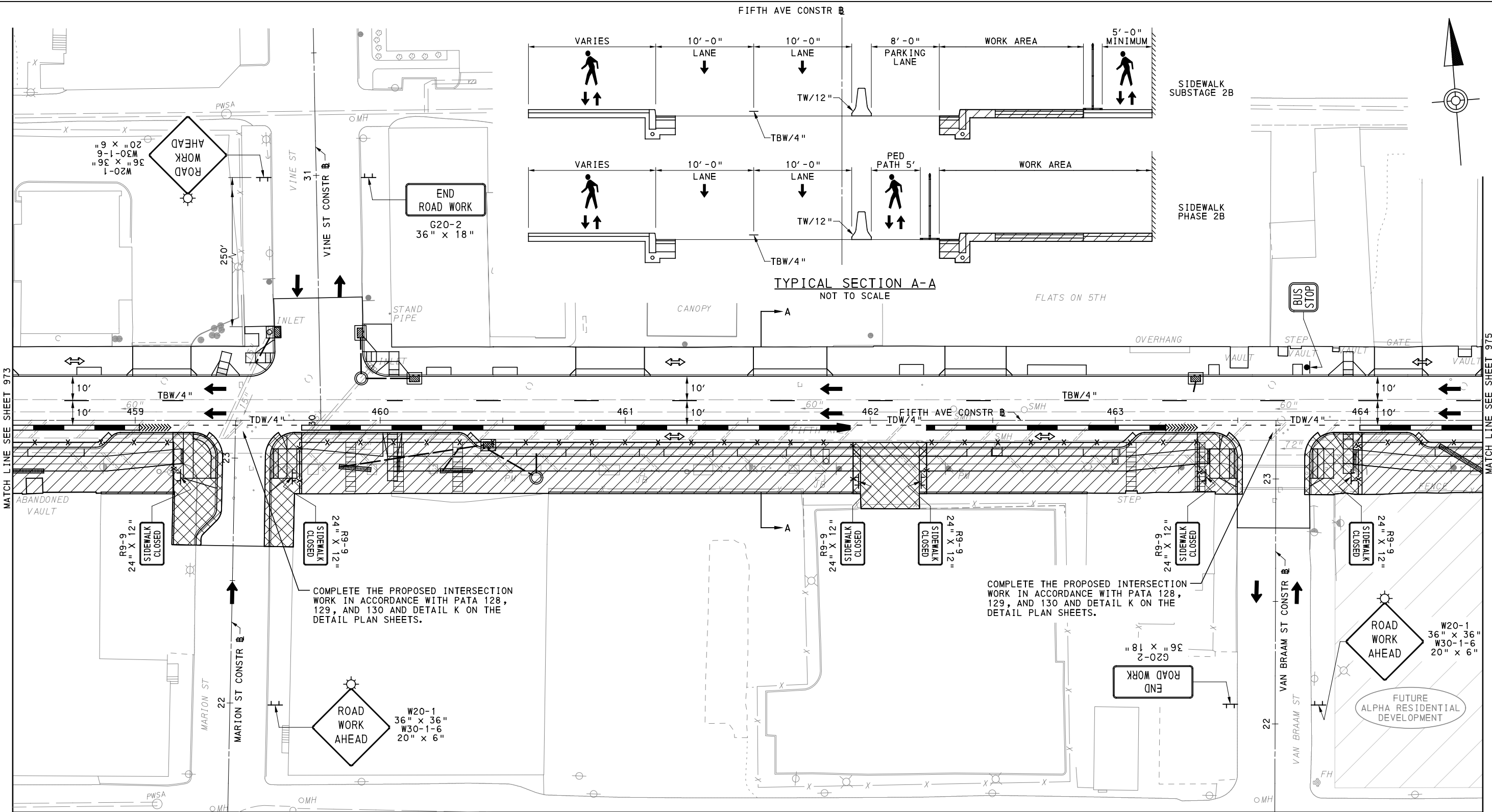
NO.	DATE	DESCRIPTION
REVISIONS		

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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 454+50 TO STA 458+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
DWG. NO. MT60	SHT. 973



UPTOWN SECTION - FIFTH AVE
 PHASE 2 - STAGE B
 SHEET 2 OF 5

[FOR ROADWAY PLAN SEE SHEET 362]



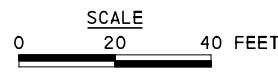
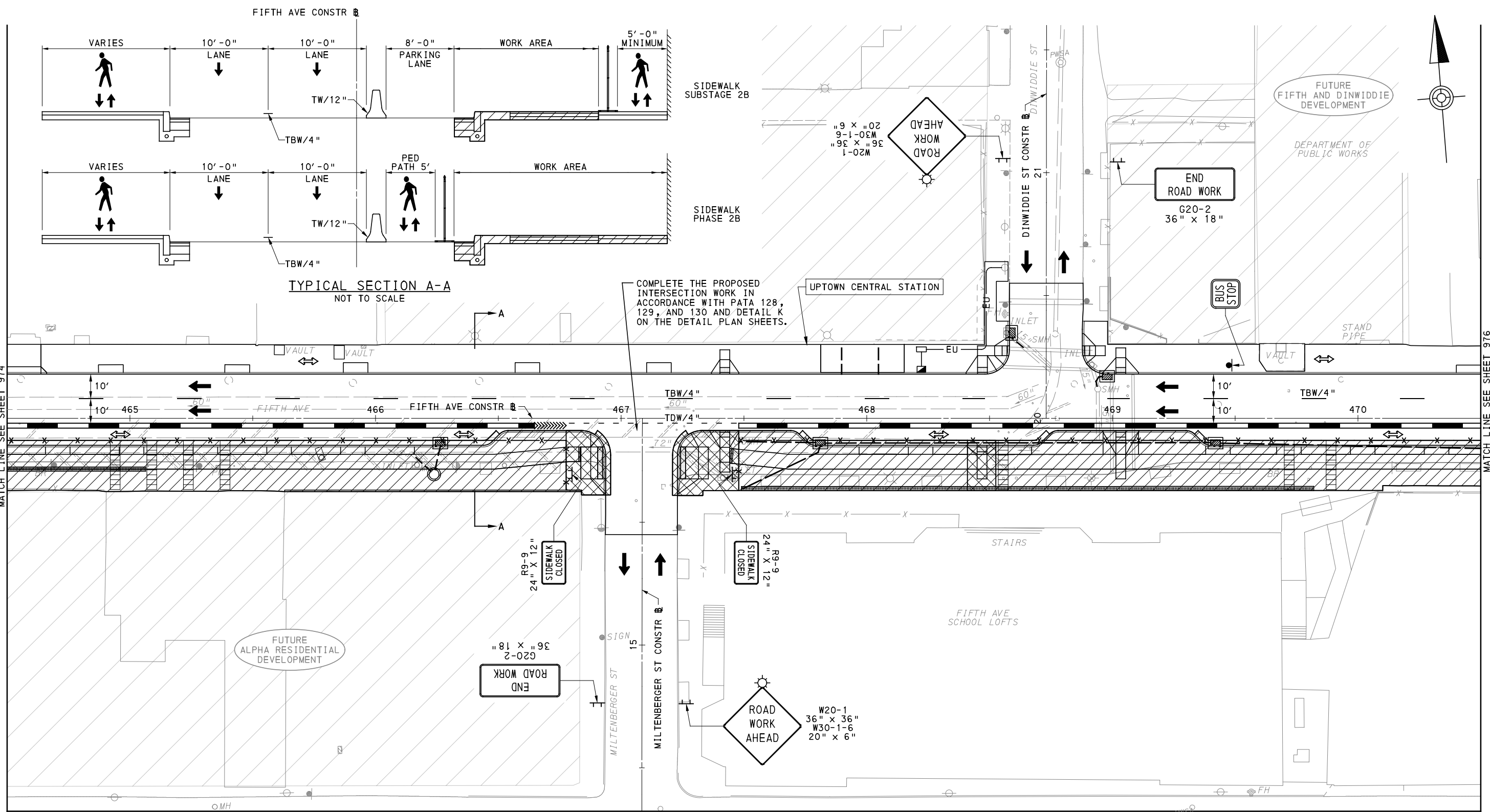
NO.	DATE	DESCRIPTION
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 458+50 TO STA 464+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT61 SHT. 974



UPTOWN SECTION - FIFTH AVE
 PHASE 2 - STAGE B
 SHEET 3 OF 5

[FOR ROADWAY PLAN SEE SHEET 363]

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 707 Grant Street
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 Pittsburgh, PA 15219

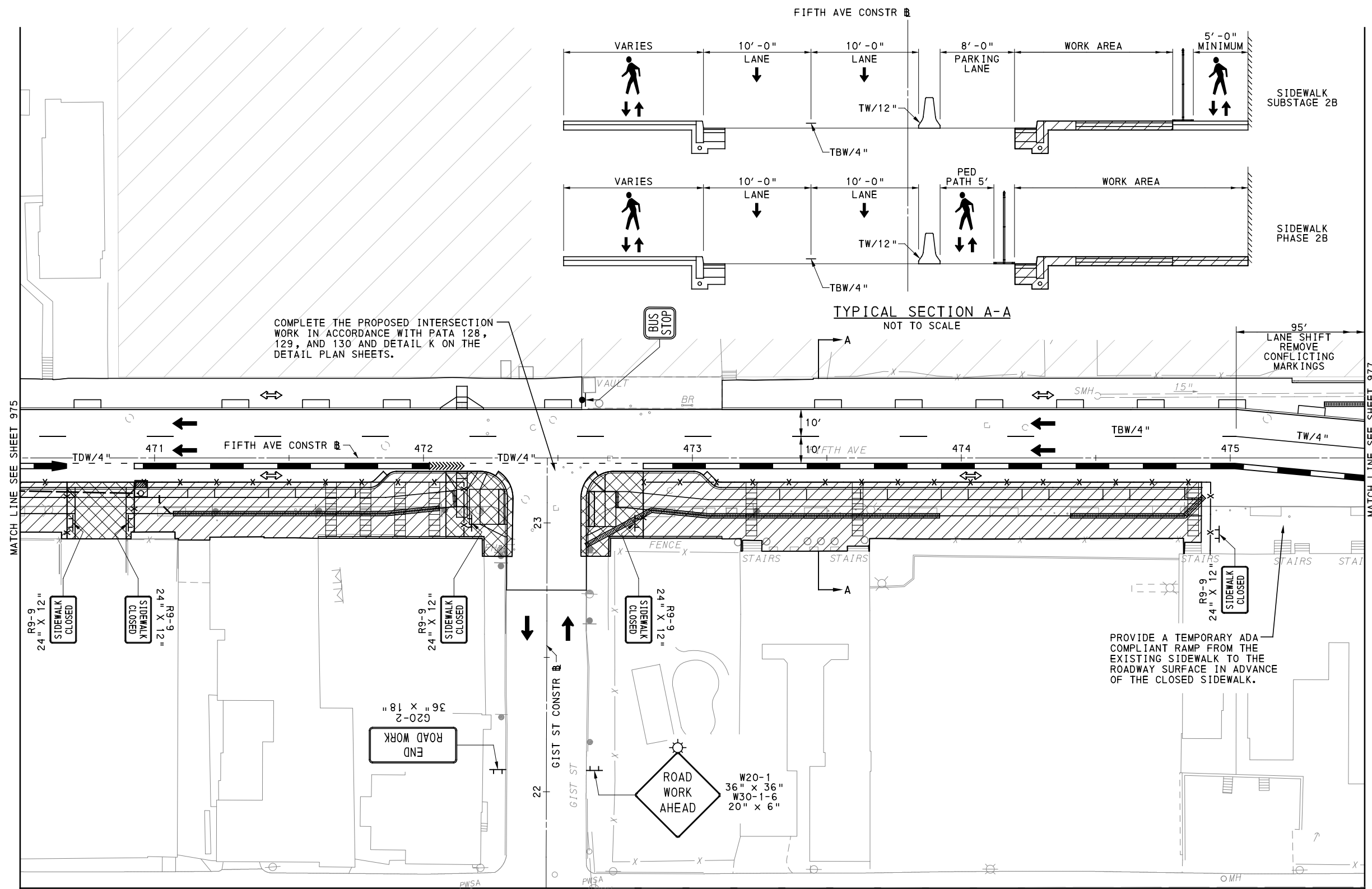
NO.	DATE	DESCRIPTION
REVISIONS		

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DATE	05/01/24
SCALE	AS SHOWN

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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 464+50 TO STA 470+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT62 SHT. 975



UPTOWN SECTION - FIFTH AVE
 PHASE 2 - STAGE B
 SHEET 4 OF 5

[FOR ROADWAY PLAN SEE SHEET 364]



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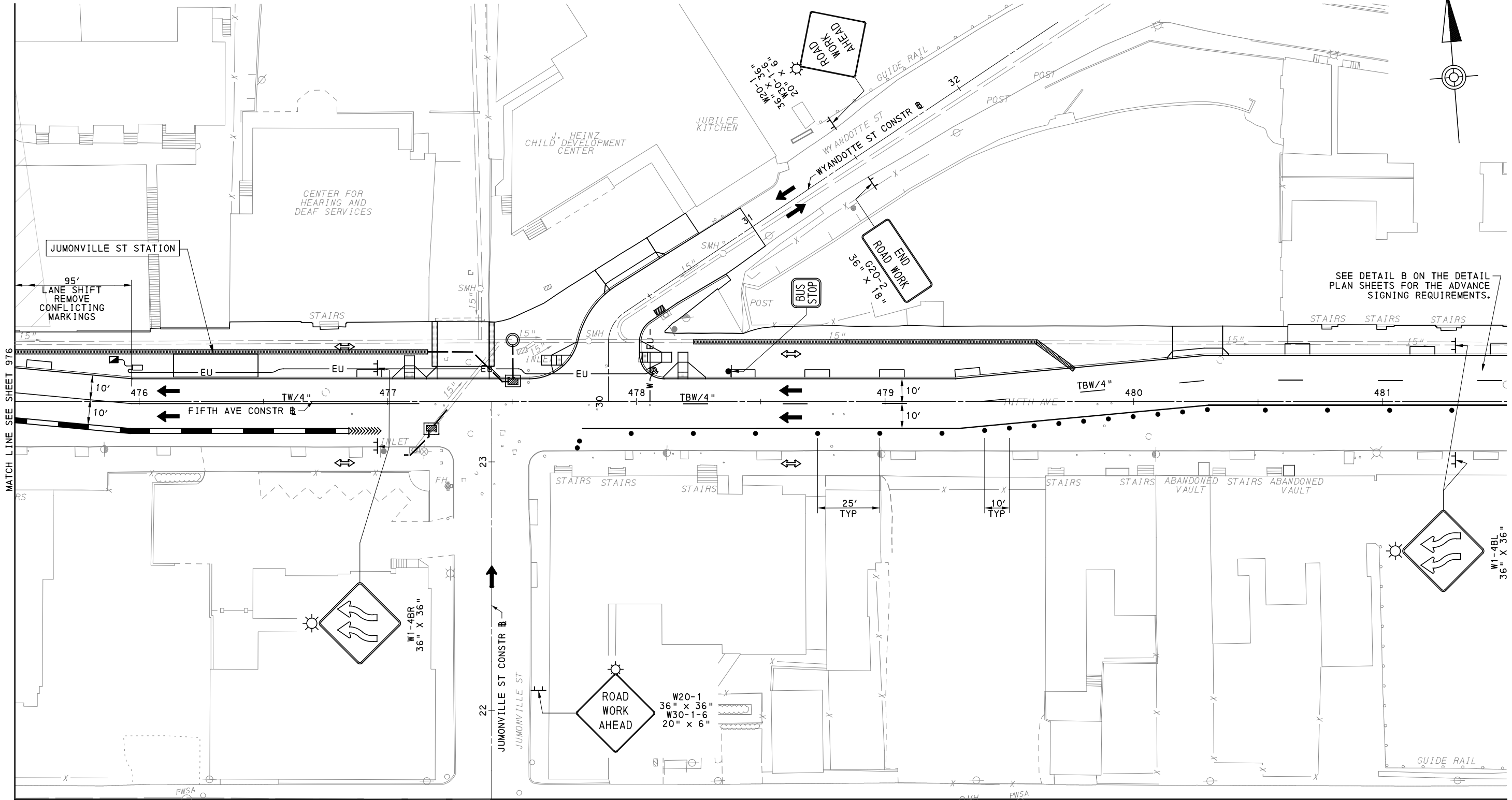
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CHECKED	GM
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

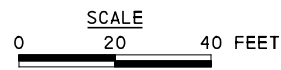
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 470+50 TO STA 475+50

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SEE DETAIL B ON THE DETAIL PLAN SHEETS FOR THE ADVANCE SIGNING REQUIREMENTS.



UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE B
SHEET 5 OF 5

[FOR ROADWAY PLAN SEE SHEET 365]



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Pittsburgh, PA 15219

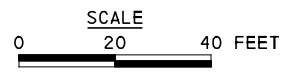
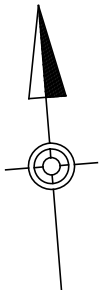
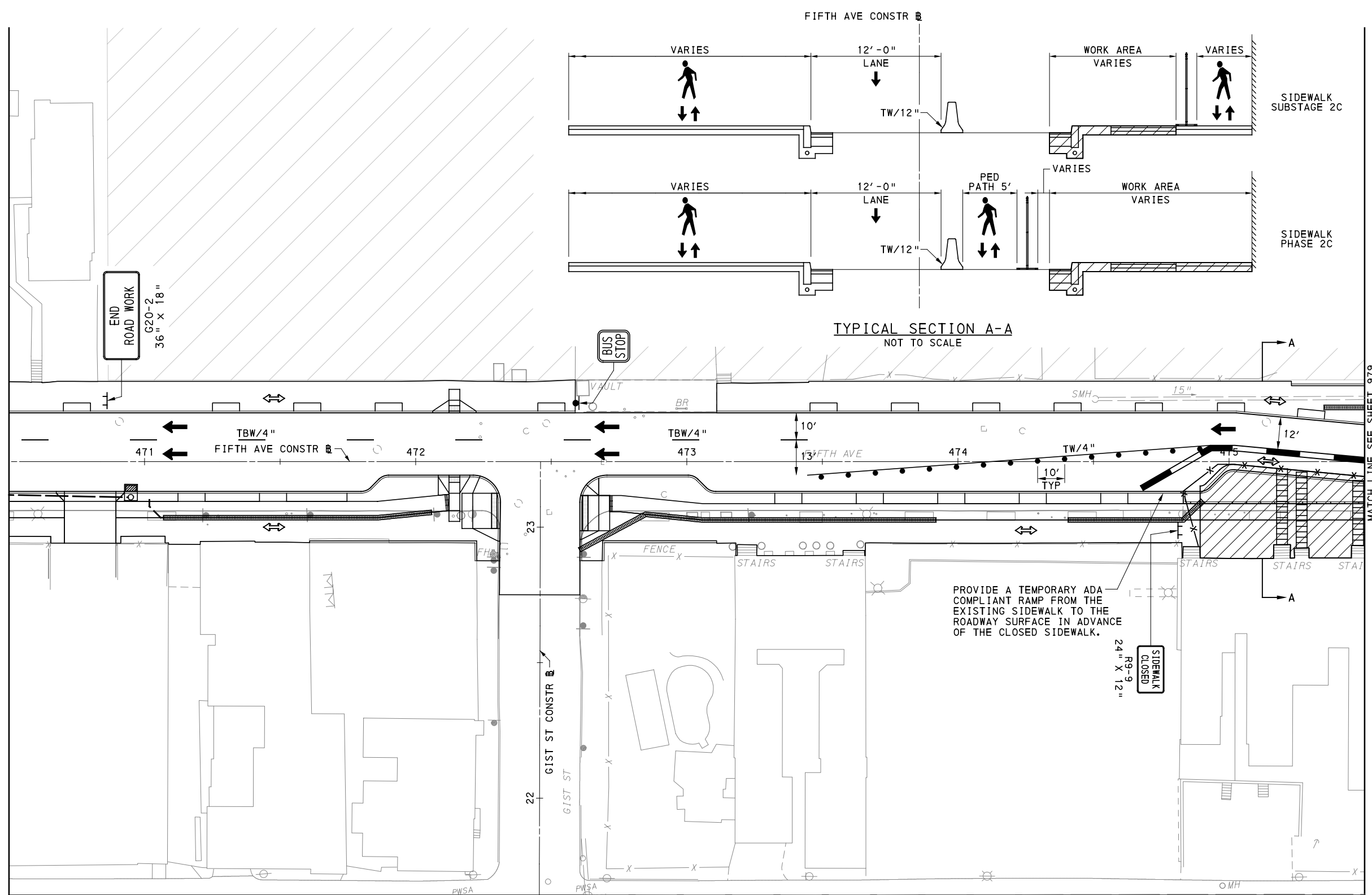
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 475+50 TO STA 481+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT64 SHT. 977



UPTOWN SECTION - FIFTH AVE
 PHASE 2 - STAGE C
 SHEET 1 OF 5

(FOR ROADWAY PLAN SEE SHEET 364)

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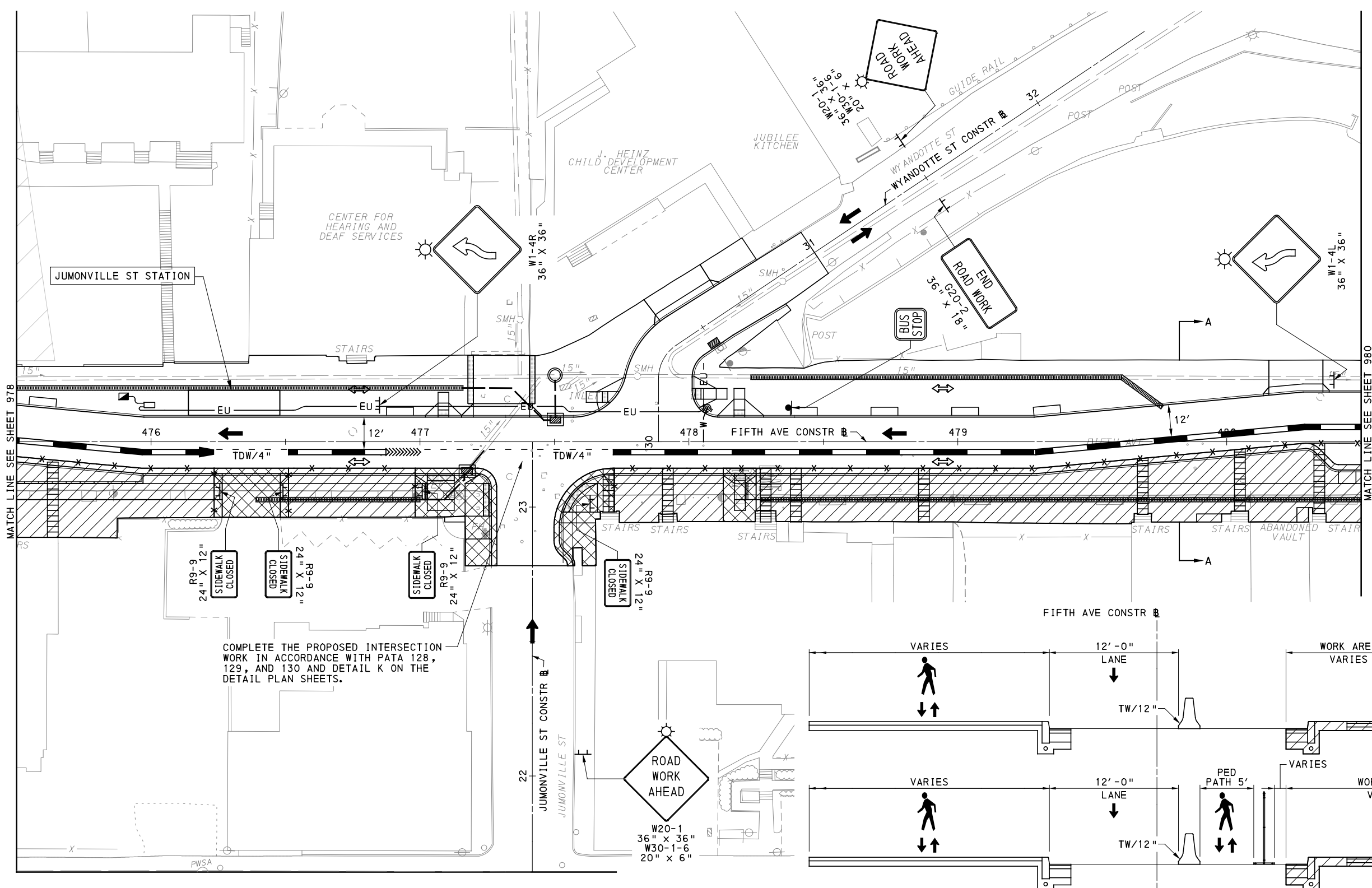
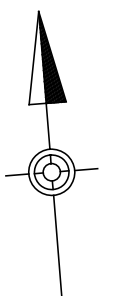
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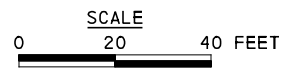
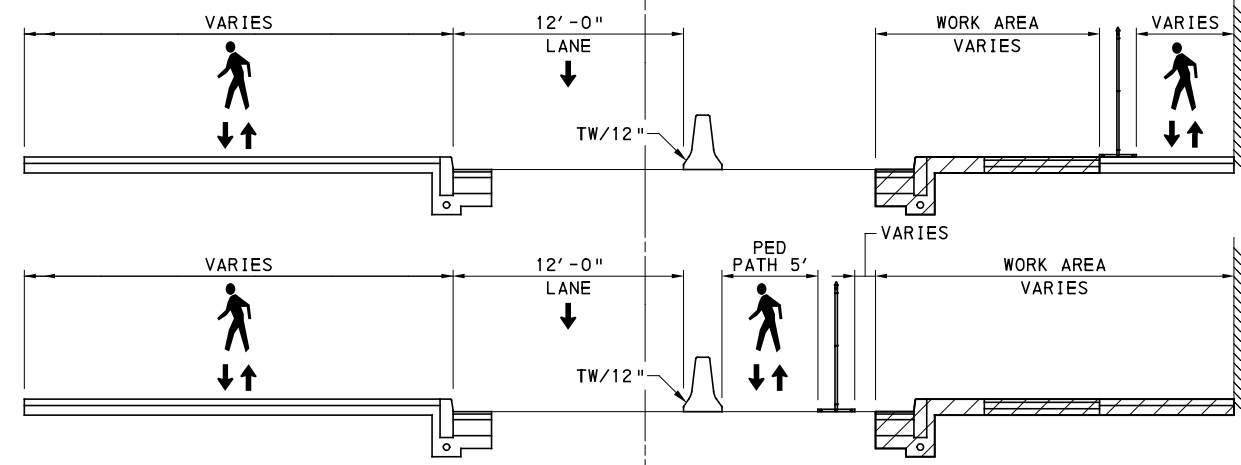
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 470+50 TO STA 475+50	
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	DWG. NO. MT65 SHT. 978



COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL K ON THE DETAIL PLAN SHEETS.



TYPICAL SECTION A-A NOT TO SCALE

UPTOWN SECTION - FIFTH AVE PHASE 2 - STAGE C SHEET 2 OF 5

[FOR ROADWAY PLAN SEE SHEET 365]



NO.	DATE	DESCRIPTION
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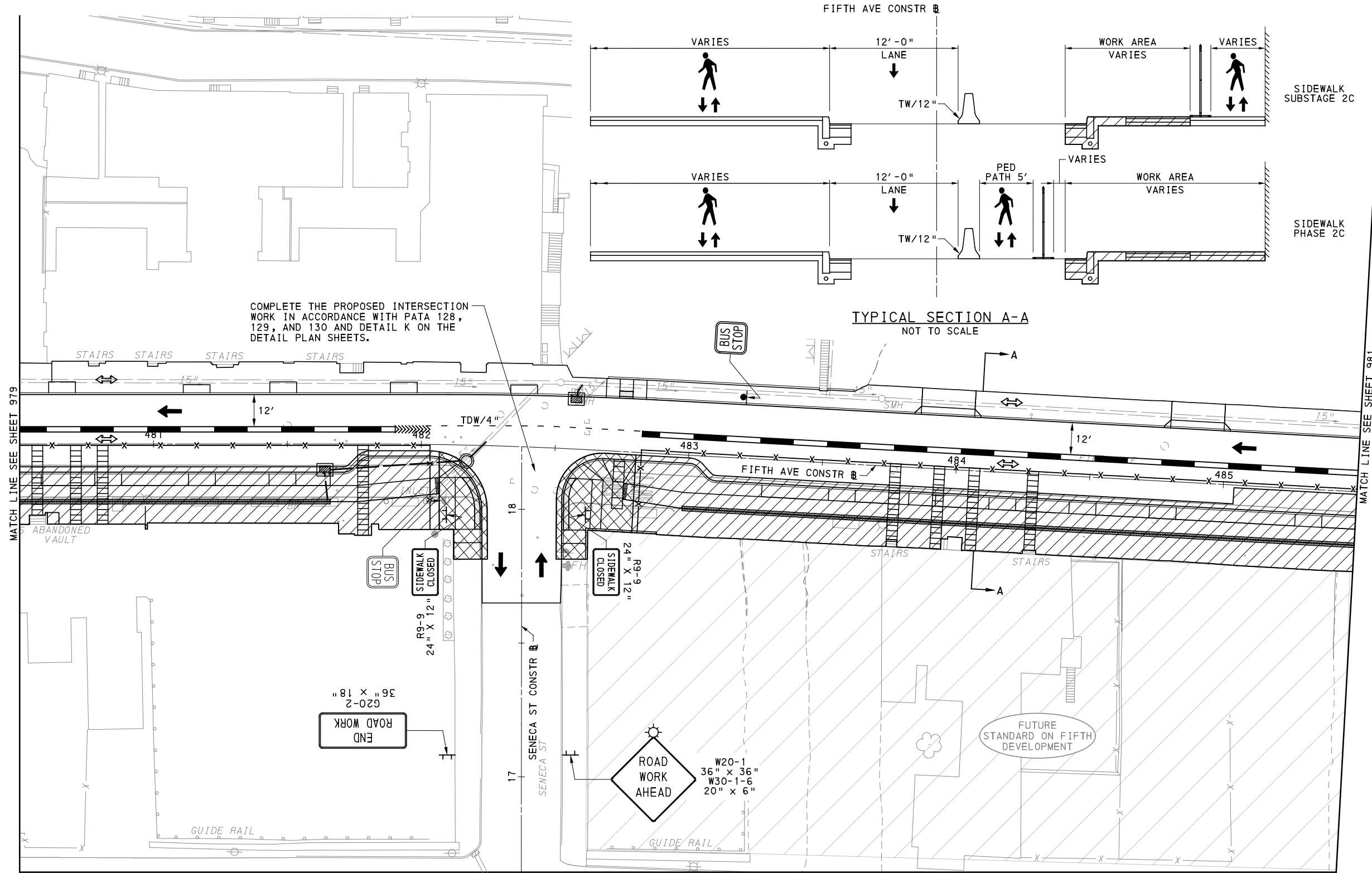
DESIGNED	GM
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CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 475+50 TO STA 480+50

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DWG. NO. MT66 SHT. 979



UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE C
SHEET 3 OF 5

[FOR ROADWAY PLAN SEE SHEET 366]



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Pittsburgh, PA 15219

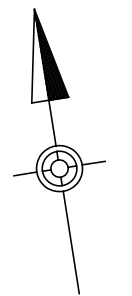
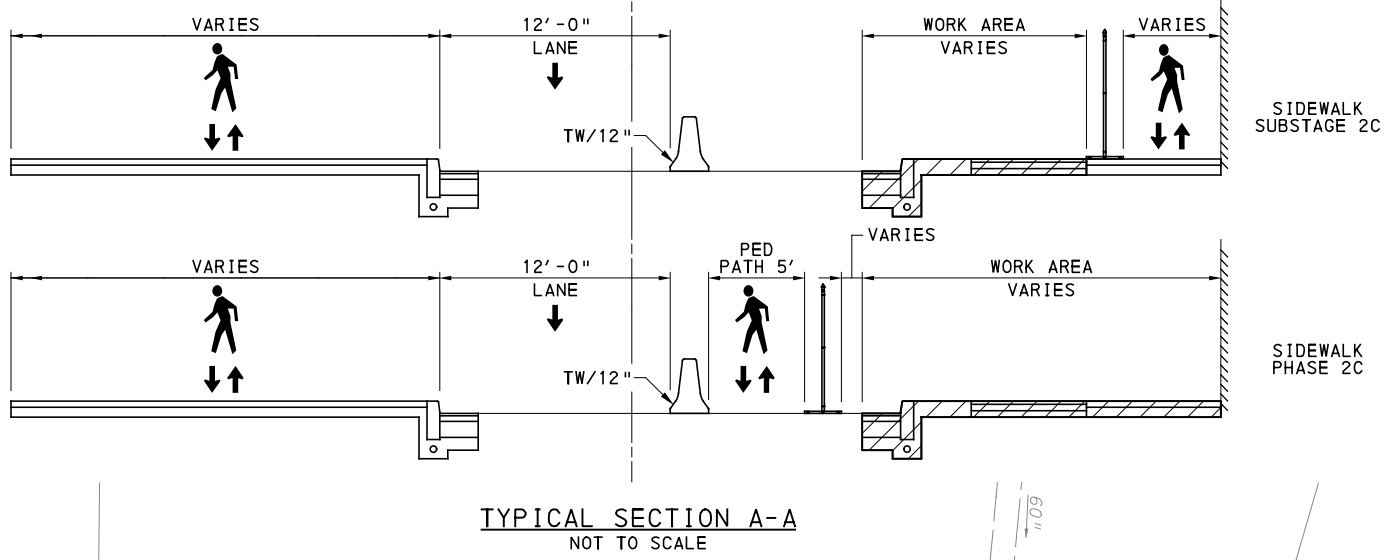
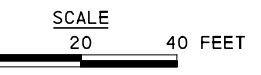
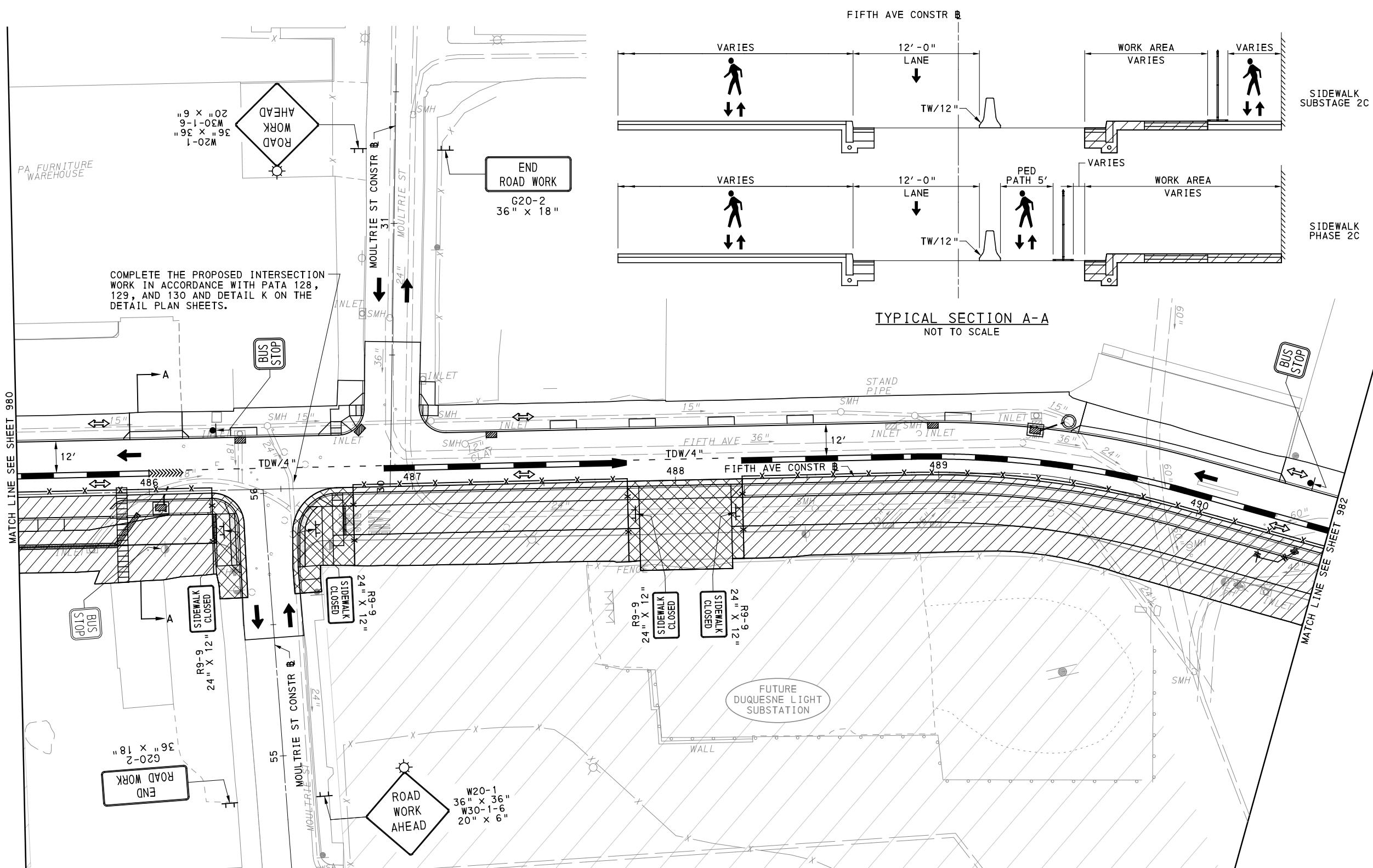
NO.	DATE	DESCRIPTION
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DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 480+50 TO STA 485+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT67 SHT. 980



UPTOWN SECTION - FIFTH AVE
 PHASE 2 - STAGE C
 SHEET 4 OF 5

[FOR ROADWAY PLAN SEE SHEET 367]



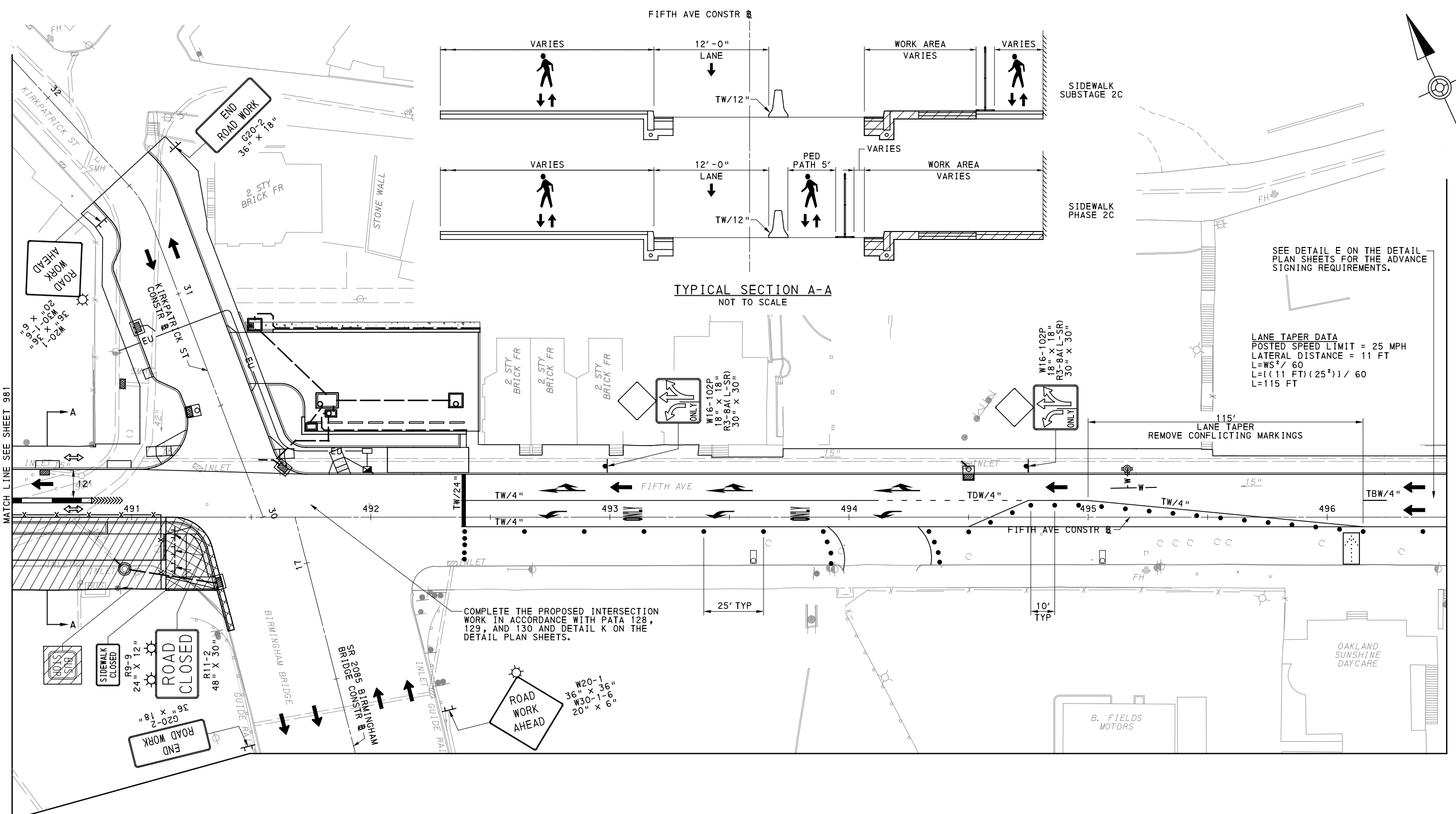
NO.	DATE	DESCRIPTION
REVISIONS		

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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 485+50 TO STA 490+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT68 SHT. 981



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UPTOWN SECTION - FIFTH AVE
PHASE 2 - STAGE C
SHEET 5 OF 5
[FOR ROADWAY PLAN SEE SHEET 368]

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PITTSBURGH PENNSYLVANIA

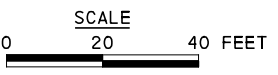
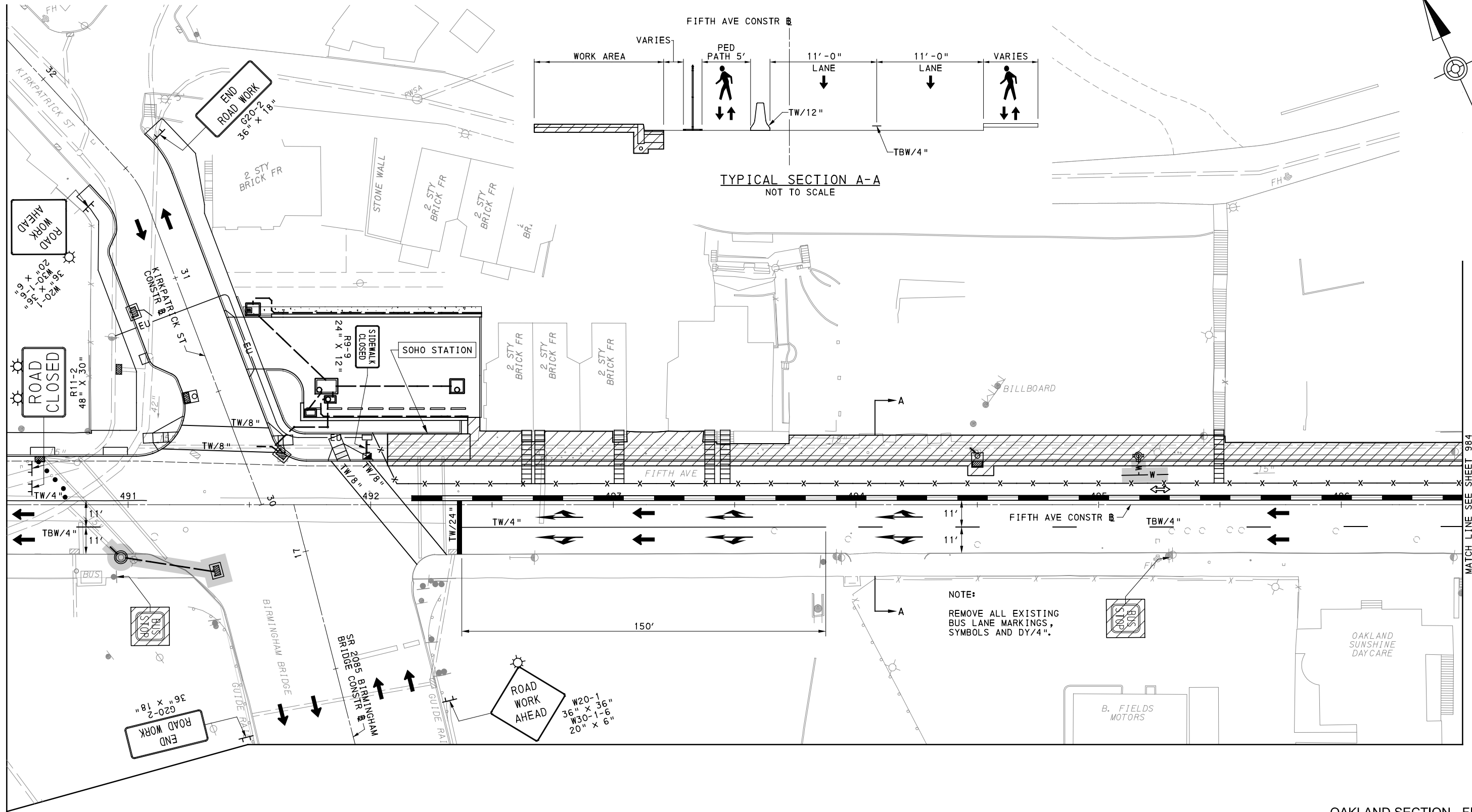
**BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2C / FIFTH AVE - STA 490+50 TO STA 496+50**

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CONTRACT NO. BRT-001	
DWG. NO. MT69	SHT. 982

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OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE A
 SHEET 1 OF 4
 [FOR ROADWAY PLAN SEE SHEET 368]

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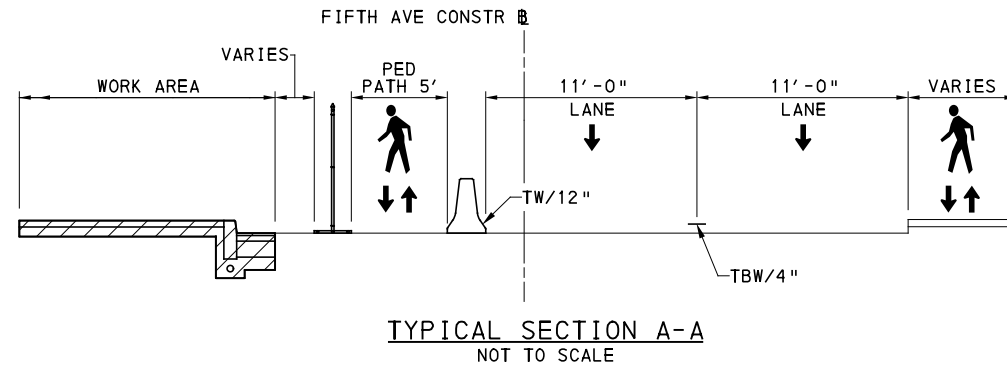
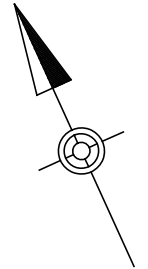
NO.	DATE	DESCRIPTION
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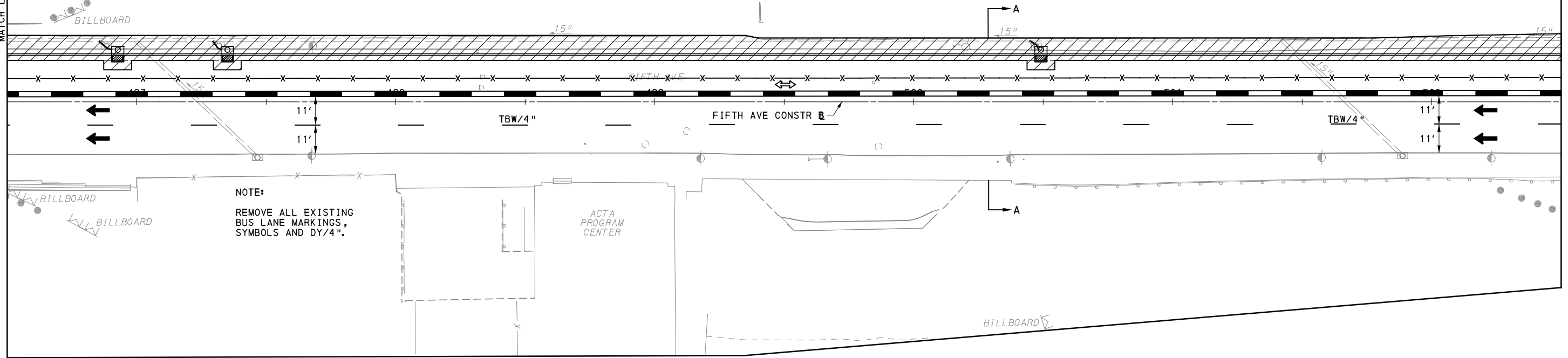
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 490+50 TO STA 496+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT70 SHT. 983



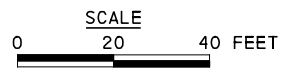
MATCH LINE SEE SHEET 983

MATCH LINE SEE SHEET 985



NOTE:
REMOVE ALL EXISTING
BUS LANE MARKINGS,
SYMBOLS AND DY/4\"/>

ACTA
PROGRAM
CENTER



OAKLAND SECTION - FIFTH AVE
PHASE 1 - STAGE A
SHEET 2 OF 4

[FOR ROADWAY PLAN SEE SHEET 369]



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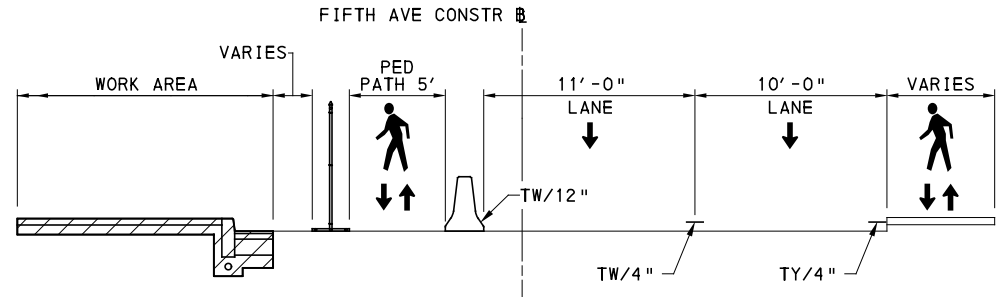
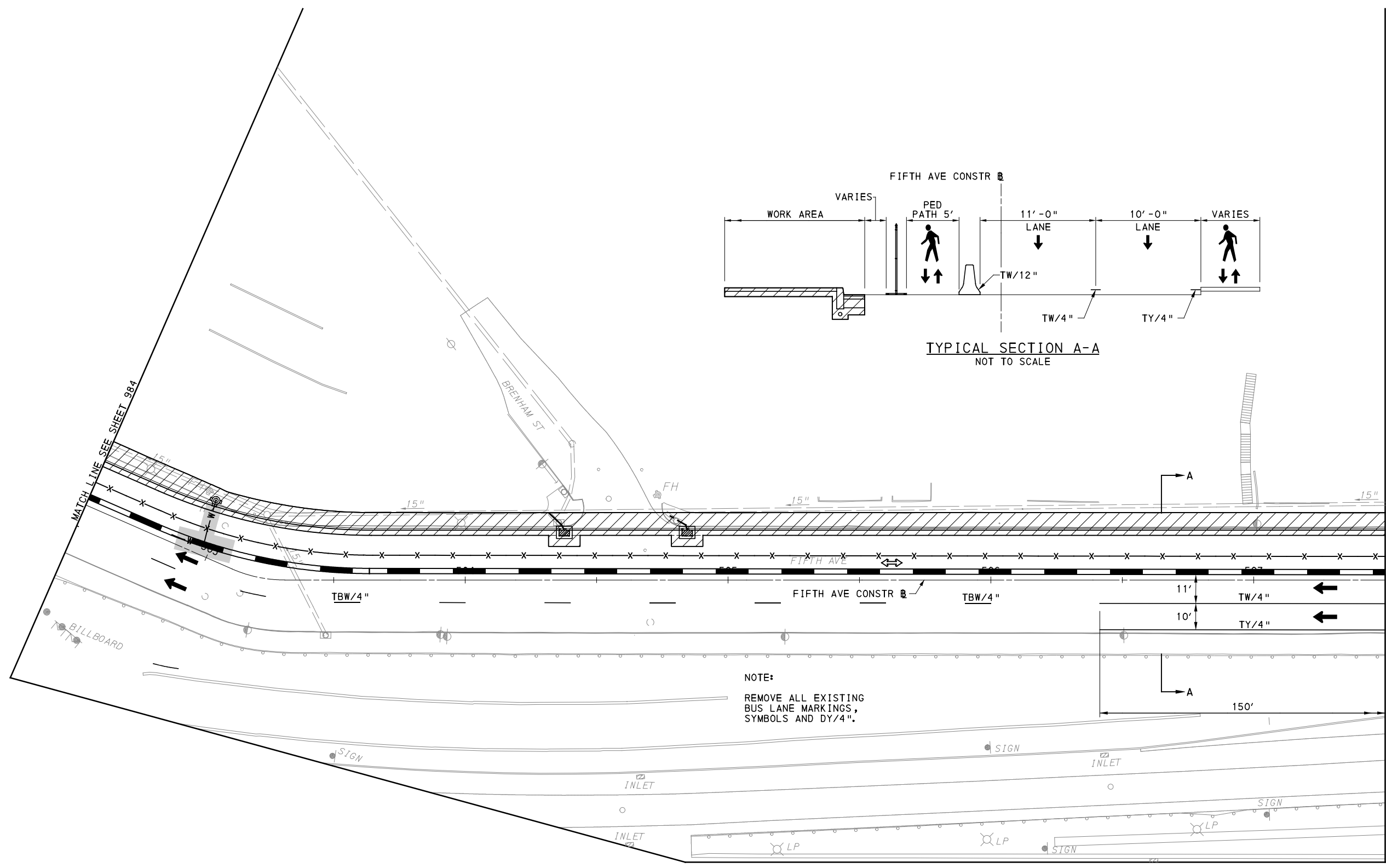
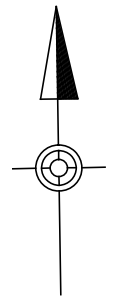
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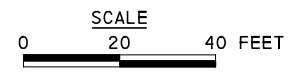
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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 496+50 TO STA 502+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT71 SHT. 984



NOTE:
REMOVE ALL EXISTING
BUS LANE MARKINGS,
SYMBOLS AND DY/4\".



OAKLAND SECTION - FIFTH AVE
PHASE 1 - STAGE A
SHEET 3 OF 4

[FOR ROADWAY PLAN SEE SHEET 373]

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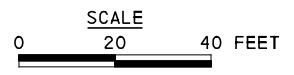
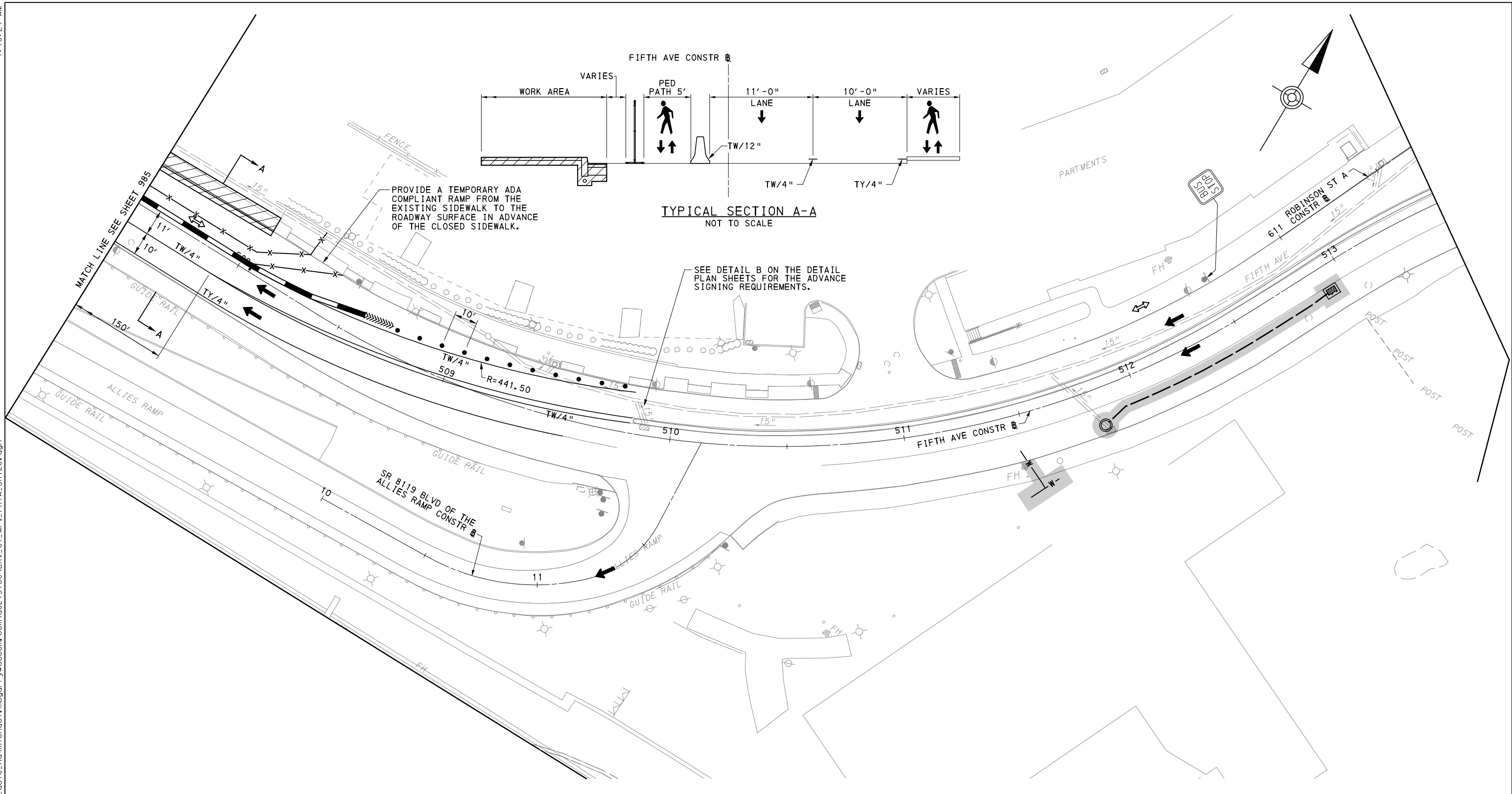
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SCALE	AS SHOWN

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Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT72 SHT. 985

PLOTTED: 3/22/2024 11:18:24 AM

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OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE A
 SHEET 4 OF 4

[FOR ROADWAY PLAN SEE SHEET 371]

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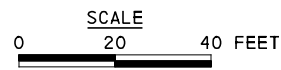
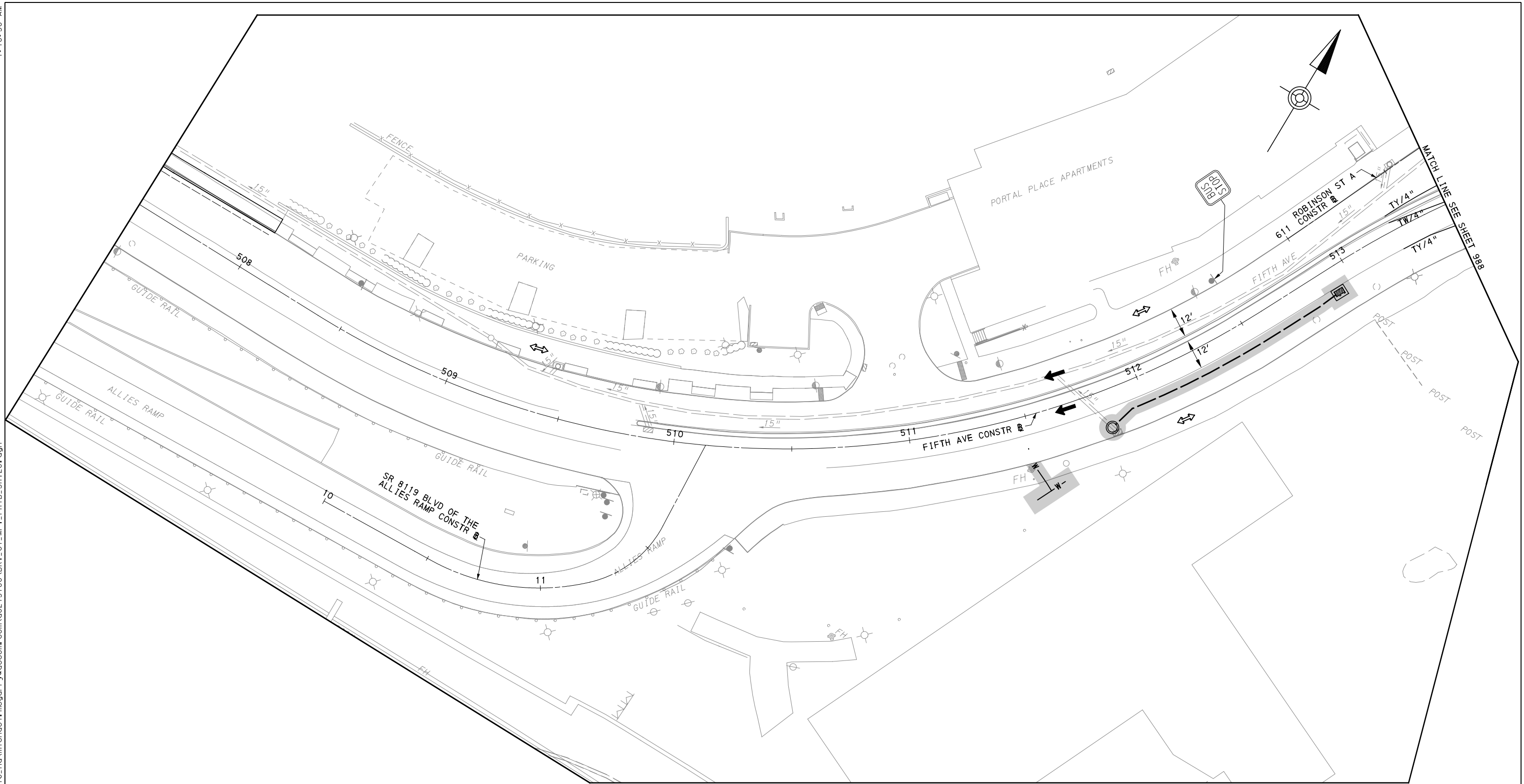
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CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FIFTH AVE - STA 507+50 TO STA 513+50

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CONTRACT NO. BRT-001
 DWG. NO. MT73 SHT. 986



OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE B
 SHEET 1 OF 4

[FOR ROADWAY PLAN SEE SHEET 371]



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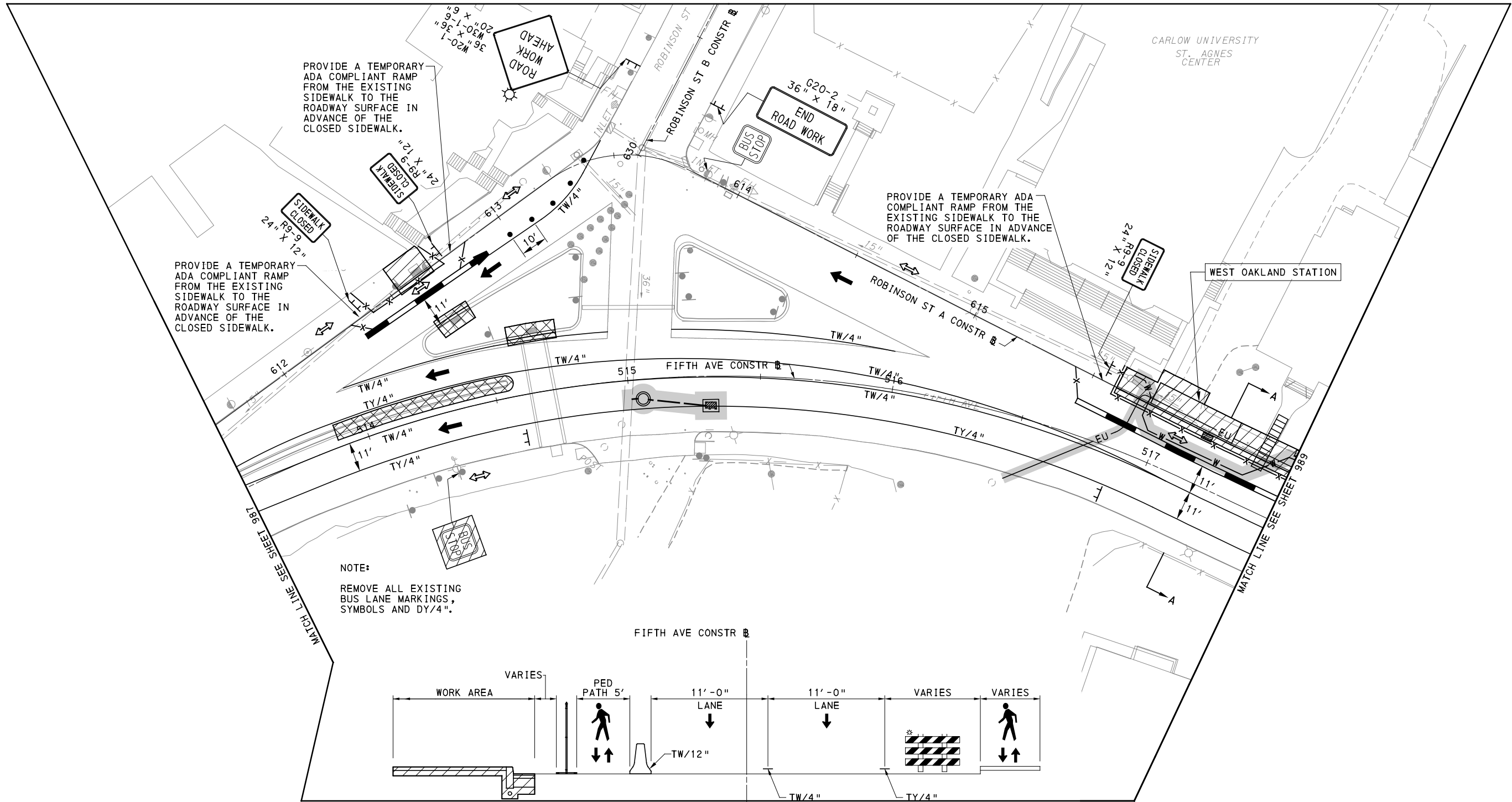
NO.	DATE	DESCRIPTION
REVISIONS		

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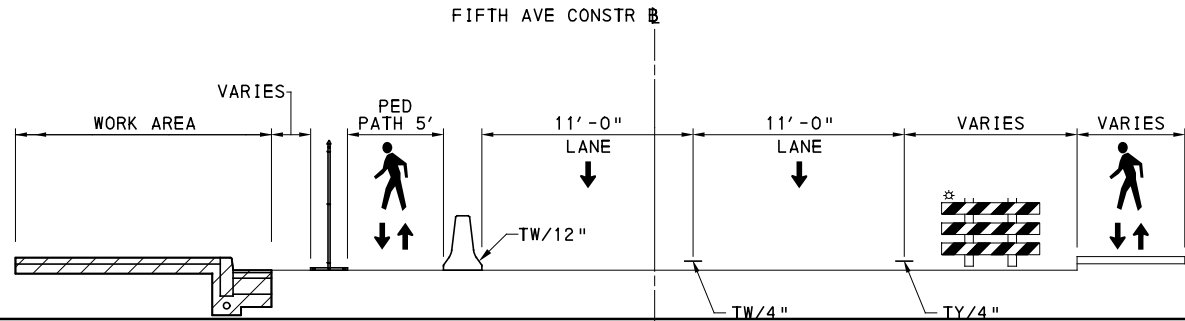
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

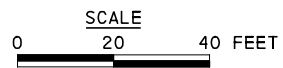
PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 507+50 TO STA 513+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT74 SHT. 987



NOTE:
REMOVE ALL EXISTING BUS LANE MARKINGS, SYMBOLS AND DY/4".



TYPICAL SECTION A-A
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OAKLAND SECTION - FIFTH AVE
PHASE 1 - STAGE B
SHEET 2 OF 4

[FOR ROADWAY PLAN SEE SHEET 372]



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Pittsburgh, PA 15219

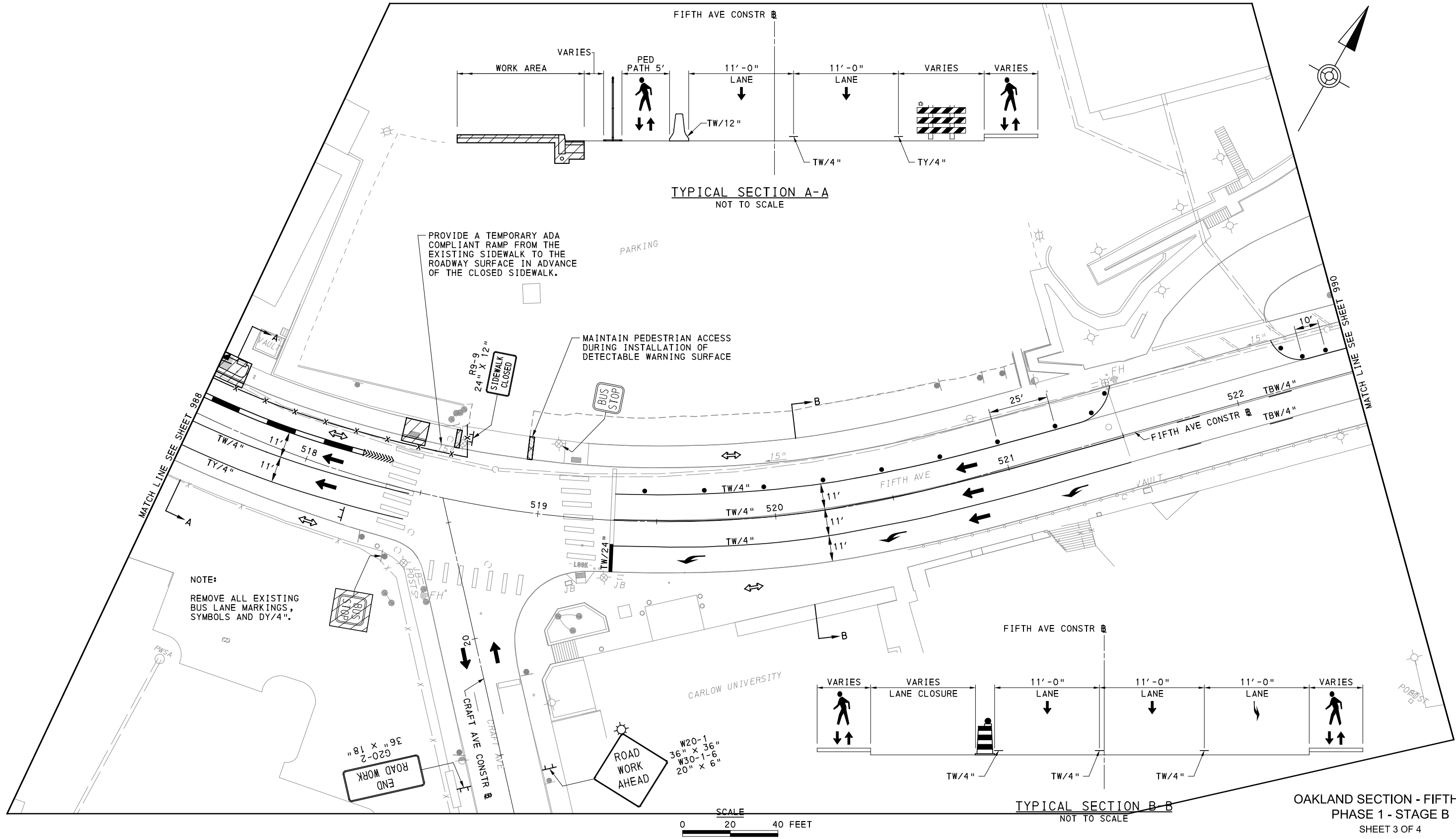
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 513+50 TO STA 517+50	
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	DWG. NO. MT75 SHT. 988



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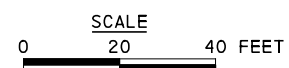
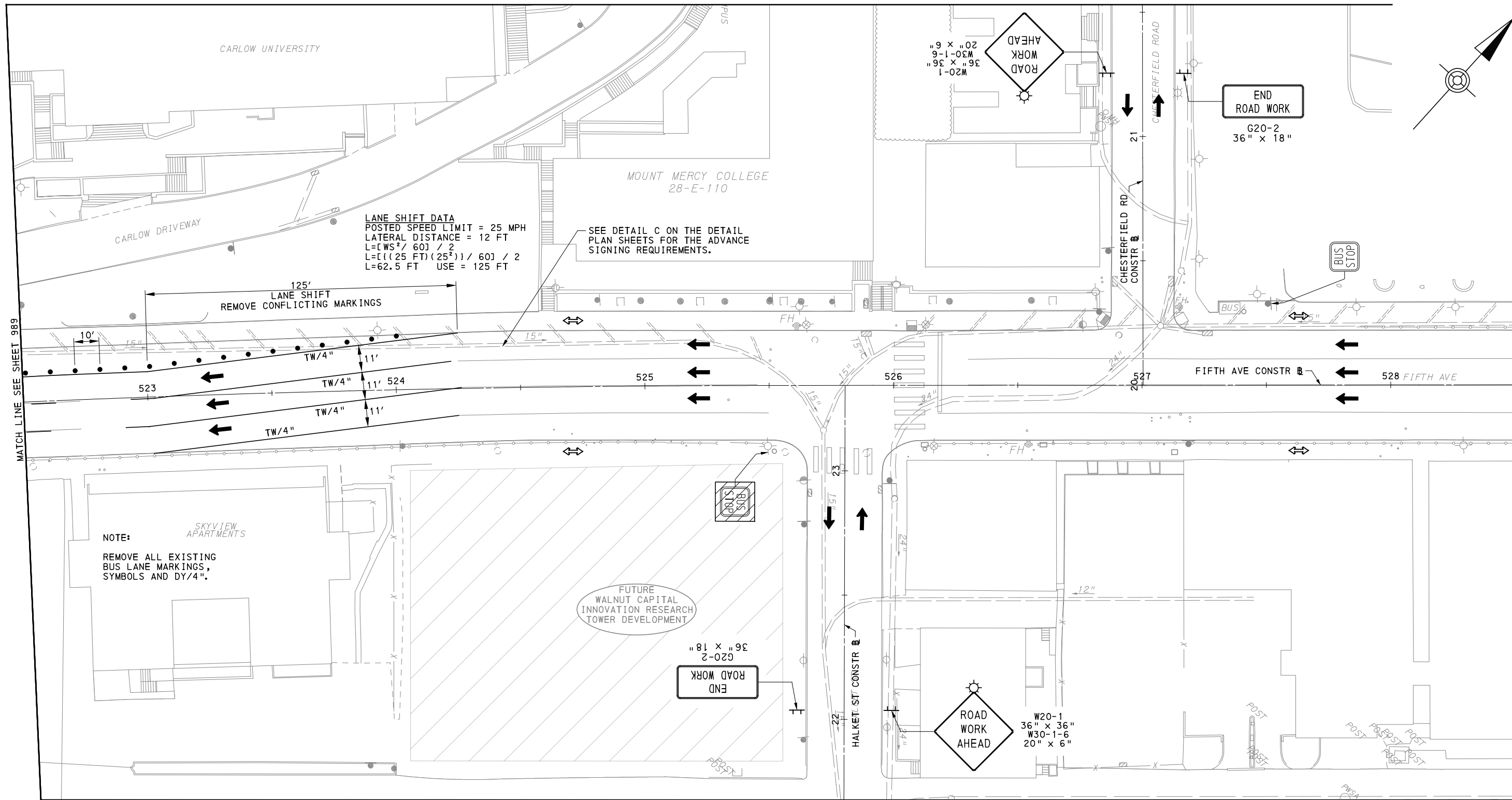
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 517+50 TO STA 522+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT76 SHT. 989

[FOR ROADWAY PLAN SEE SHEET 373]



OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE B
 SHEET 4 OF 4

[FOR ROADWAY PLAN SEE SHEET 374]

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PORT AUTHORITY OF ALLEGHENY COUNTY
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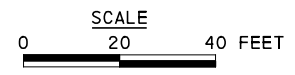
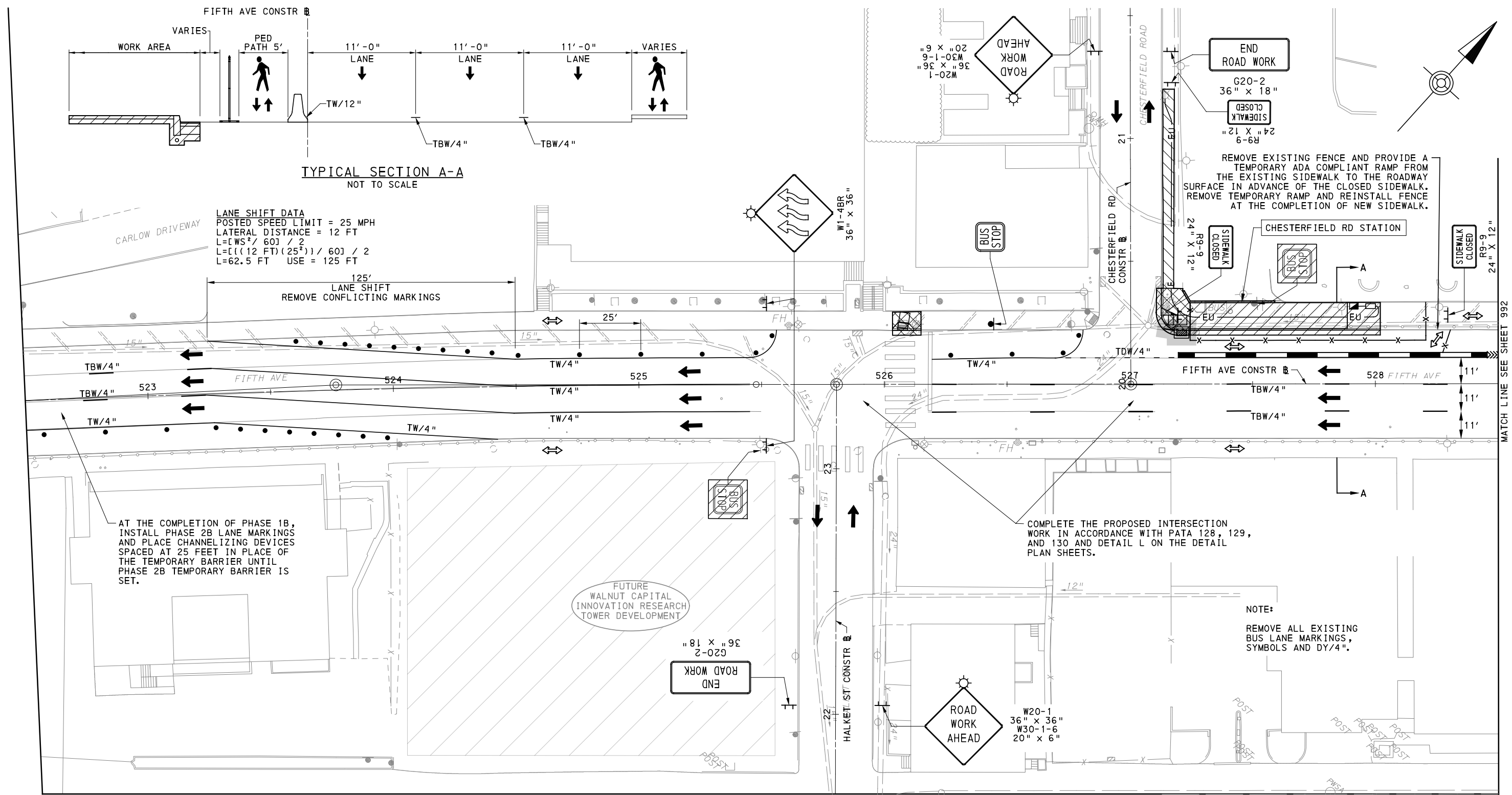
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FIFTH AVE - STA 522+50 TO STA 528+50

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CONTRACT NO. BRT-001
 DWG. NO. MT77 SHT. 990

PLOTTED: 3/22/2024 11:19:35 AM

OPERATOR: "michael.mcgarry" FILE PATH: c:\pwworking\aecocom.com\d0215788\BRT_01_MPT_PHIC_SHT31.dgn



OAKLAND SECTION - FIFTH AVE
PHASE 1 - STAGE C
SHEET 1 OF 5
[FOR ROADWAY PLAN SEE SHEET 374]

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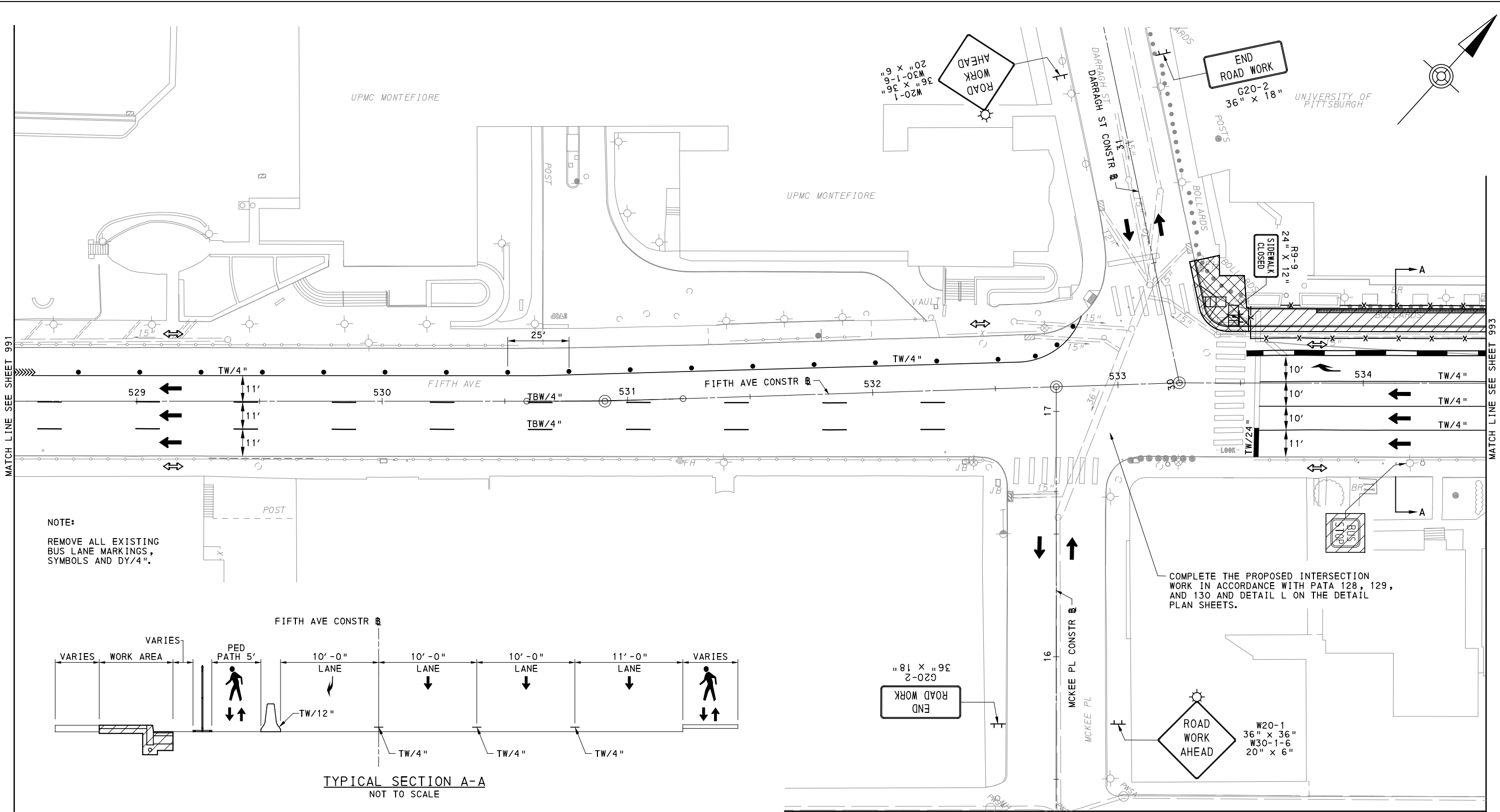
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

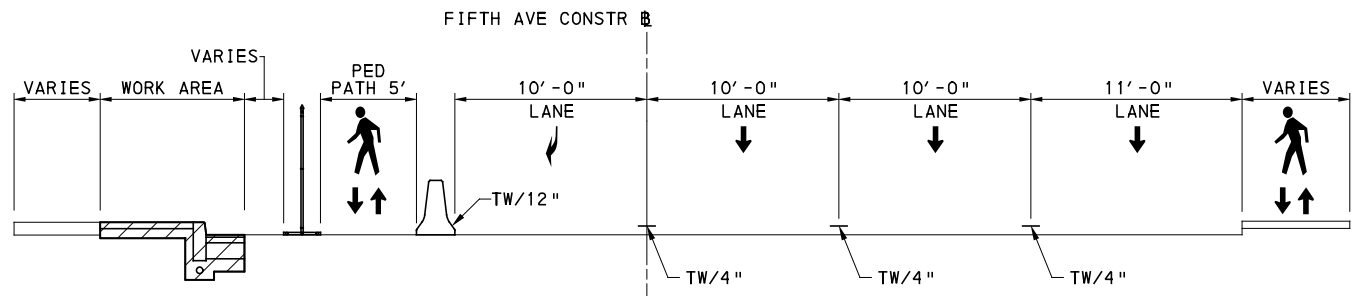
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FIFTH AVE - STA 522+50 TO STA 528+50

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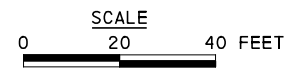
CONTRACT NO. BRT-001
DWG. NO. MT78 SHT. 991



NOTE:
REMOVE ALL EXISTING
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TYPICAL SECTION A-A
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OAKLAND SECTION - FIFTH AVE
PHASE 1 - STAGE C
SHEET 2 OF 5
[FOR ROADWAY PLAN SEE SHEET 375]

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Pittsburgh, PA 15219

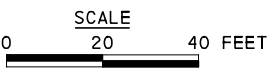
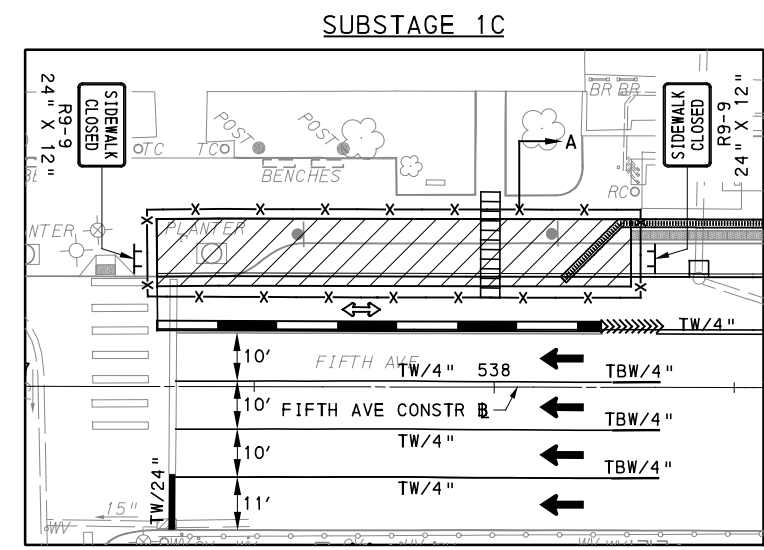
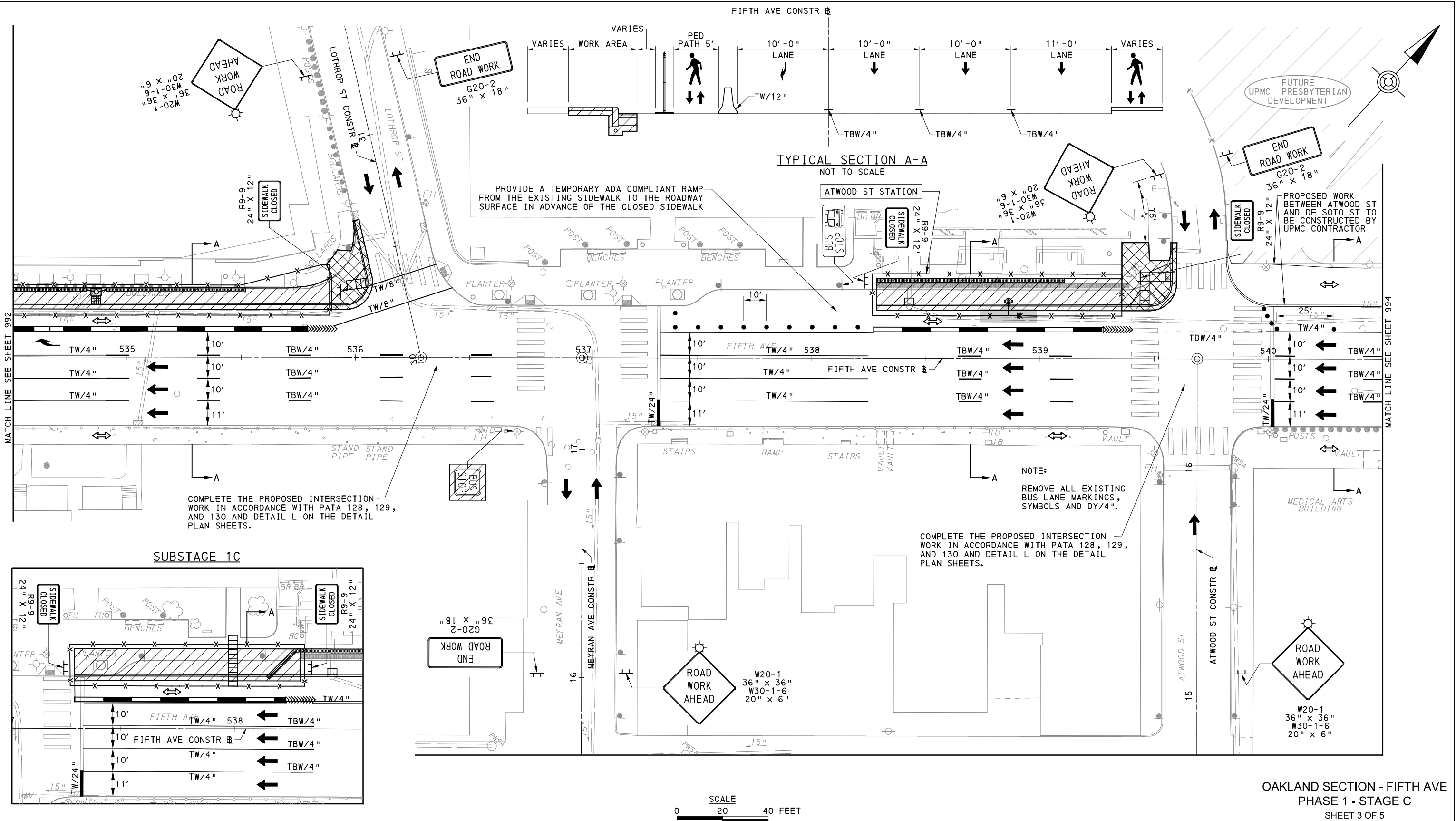
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT79 SHT. 992



OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE C
 SHEET 3 OF 5
 [FOR ROADWAY PLAN SEE SHEET 376]

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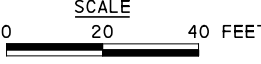
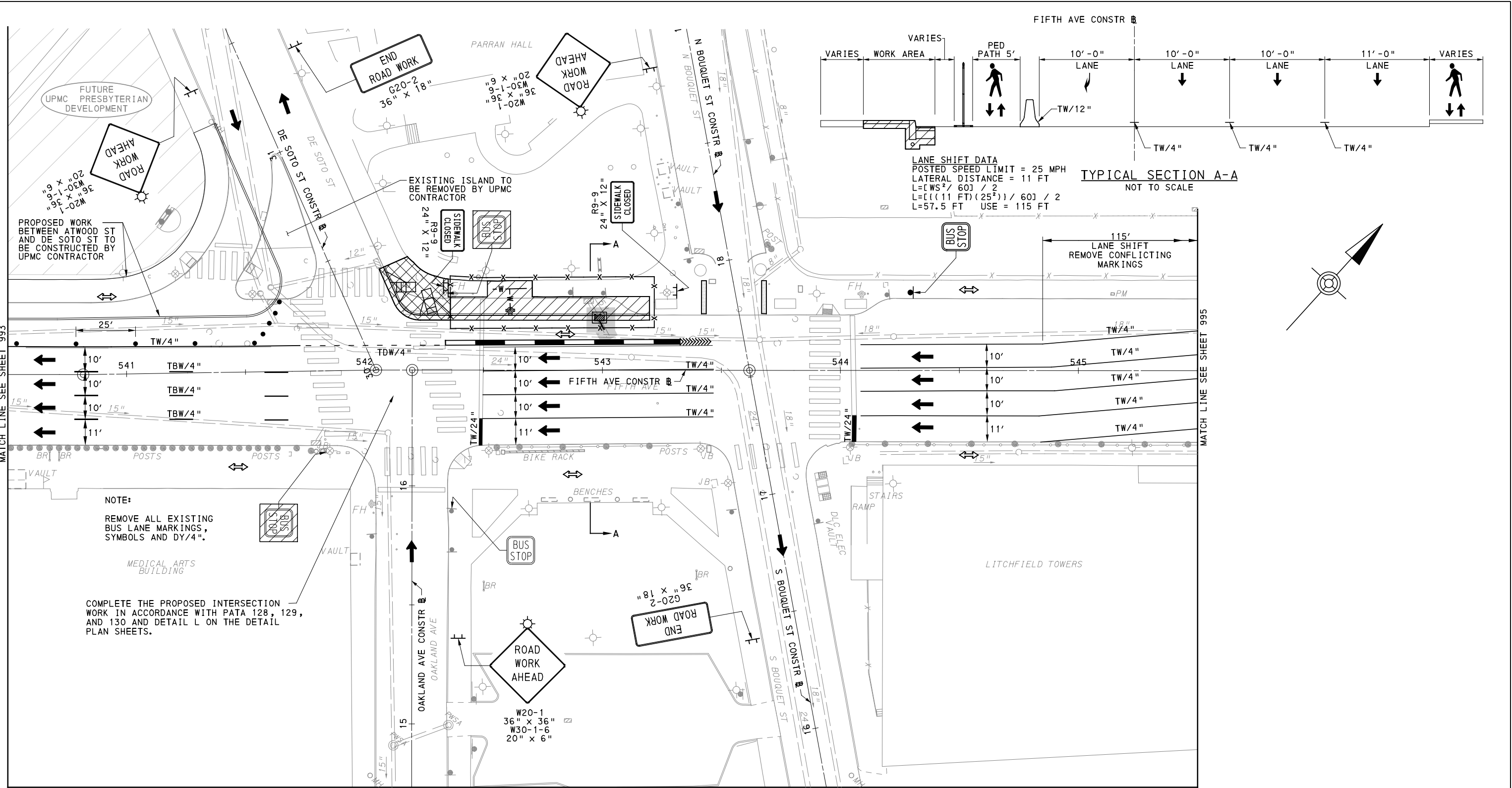
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 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 PHASE 1C / FIFTH AVE - STA 534+50 TO STA 540+50
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 CONTRACT NO. BRT-001
 DWG. NO. MT80 SHT. 993



OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE C
 SHEET 4 OF 5

[FOR ROADWAY PLAN SEE SHEET 377]

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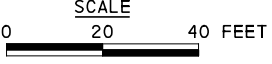
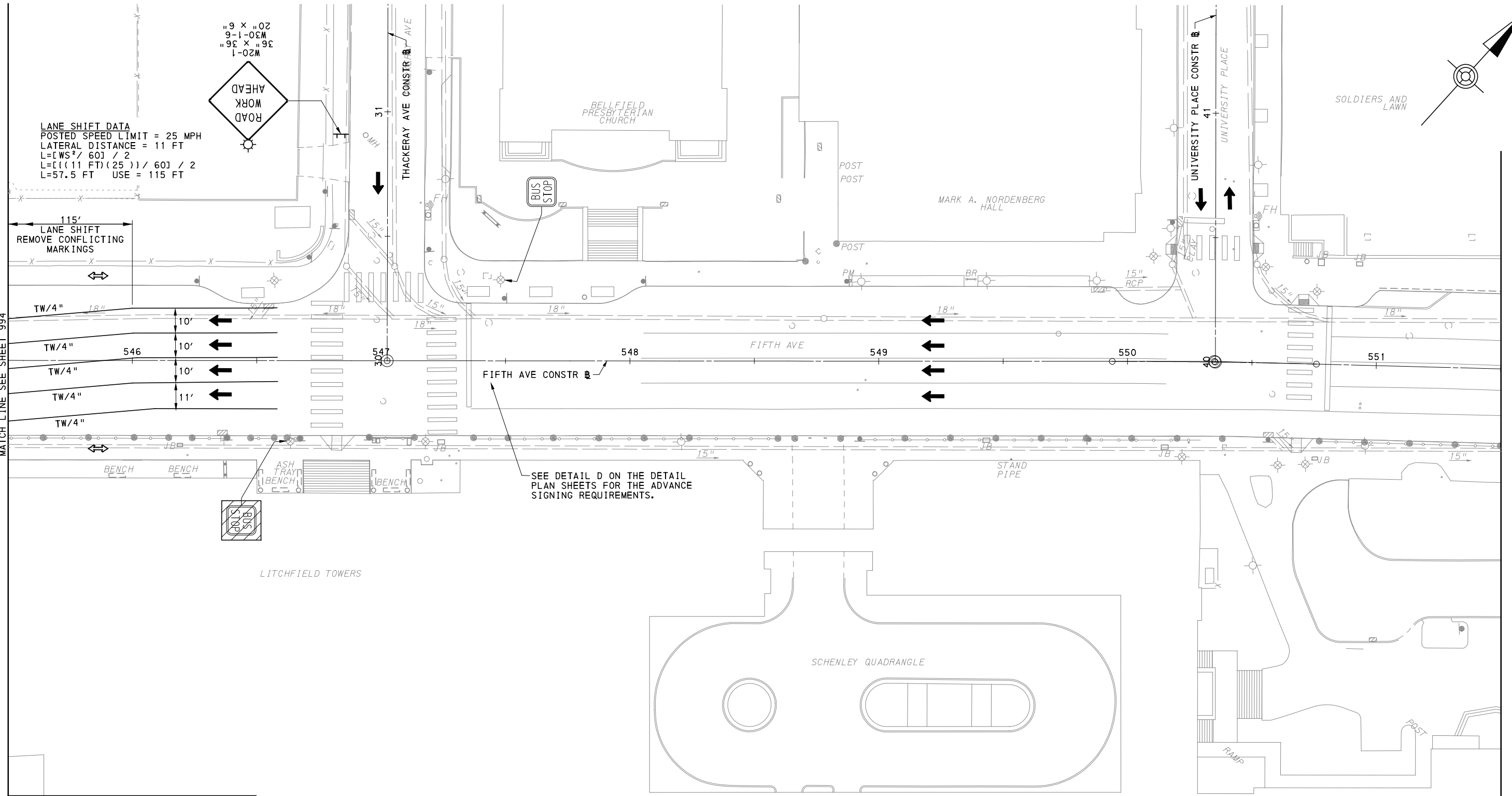
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OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE C
 SHEET 5 OF 5

[FOR ROADWAY PLAN SEE SHEET 378]

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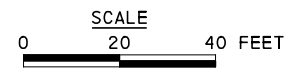
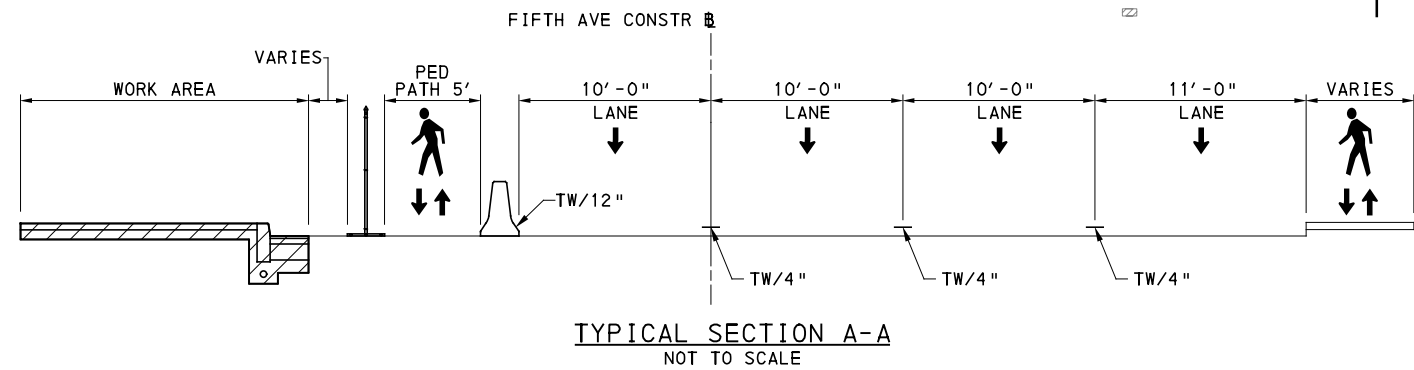
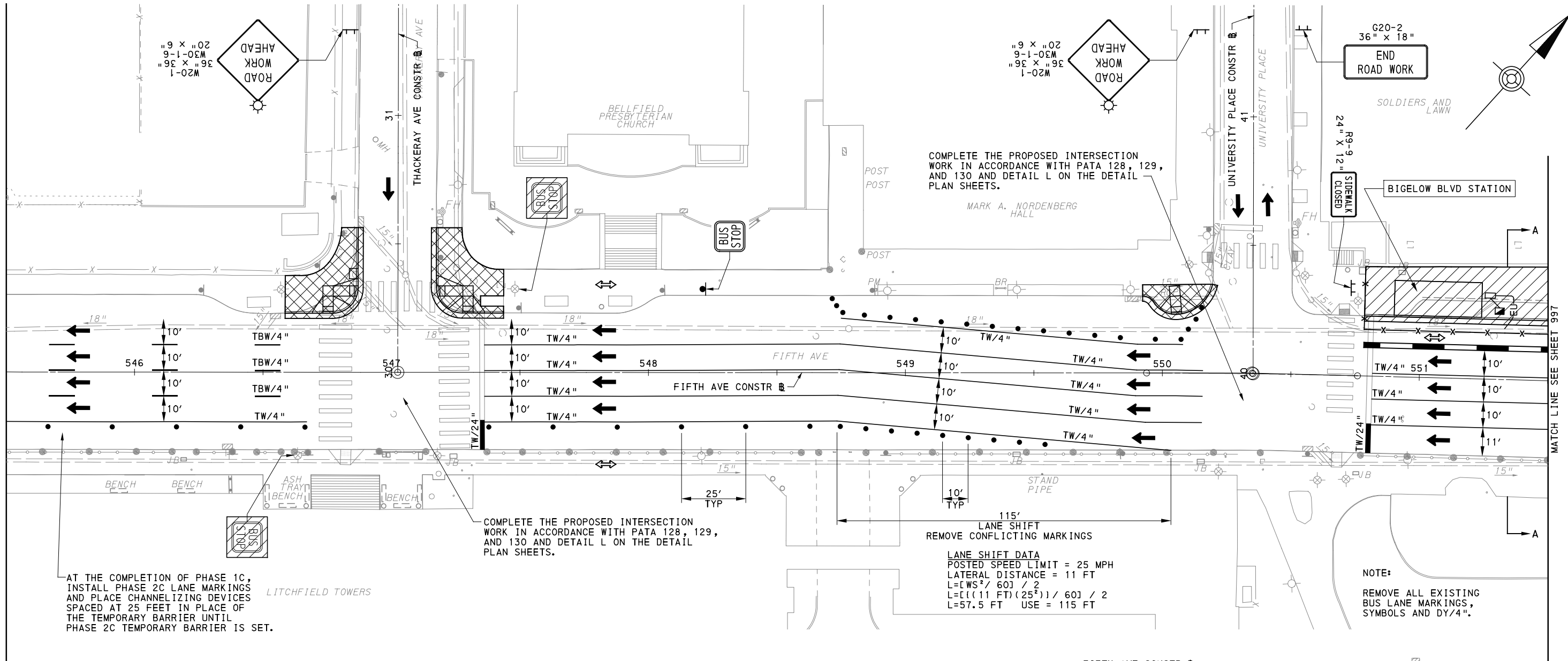
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OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE D
 SHEET 1 OF 6

[FOR ROADWAY PLAN SEE SHEET 378]

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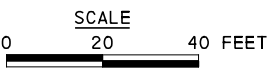
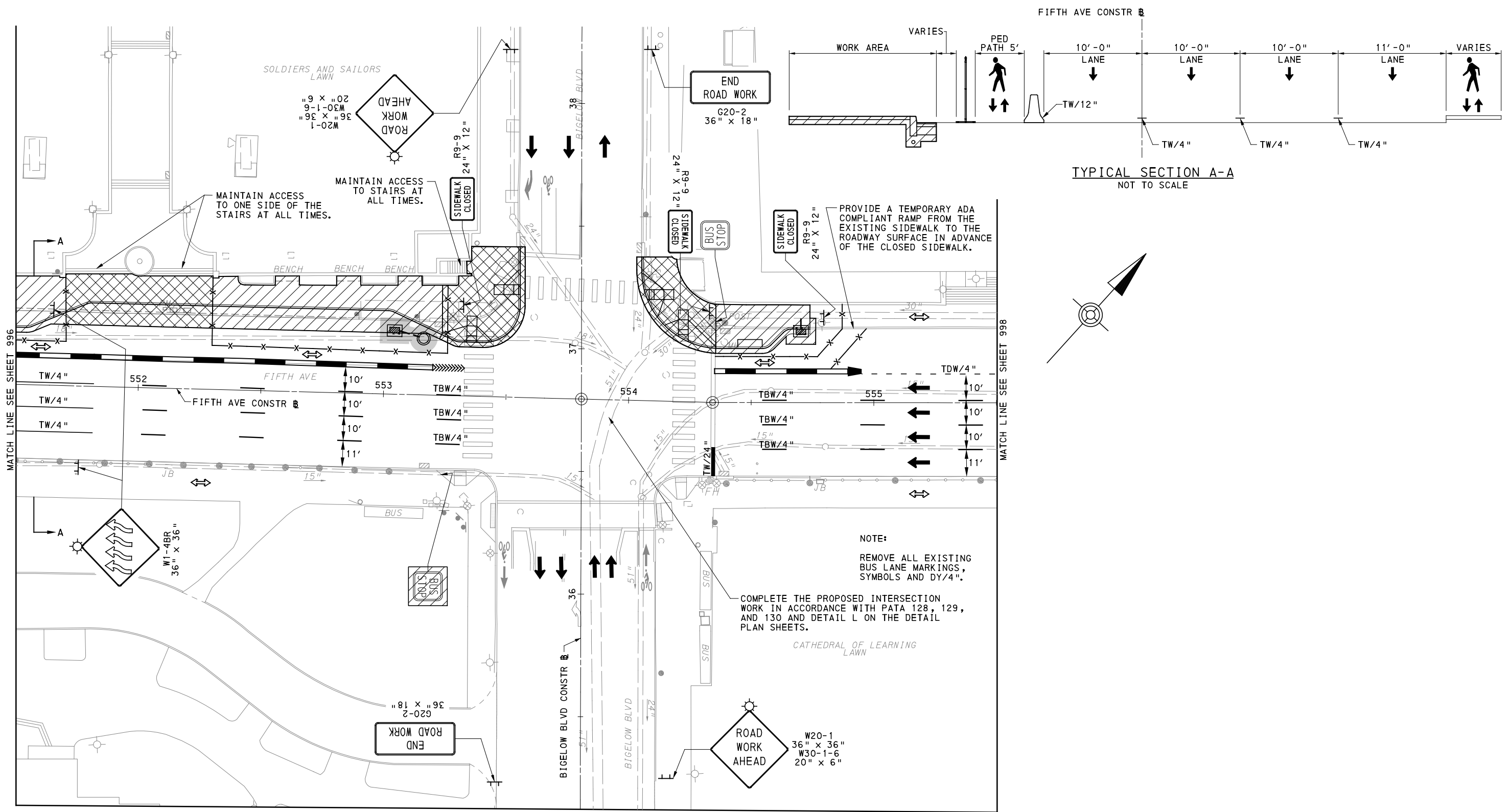
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Port Authority connecting people to life	CONTRACT NO. BRT-001 DWG. NO. MT83 SHT. 996



OAKLAND SECTION - FIFTH AVE
PHASE 1 - STAGE D
SHEET 2 OF 6

[FOR ROADWAY PLAN SEE SHEET 379]



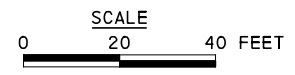
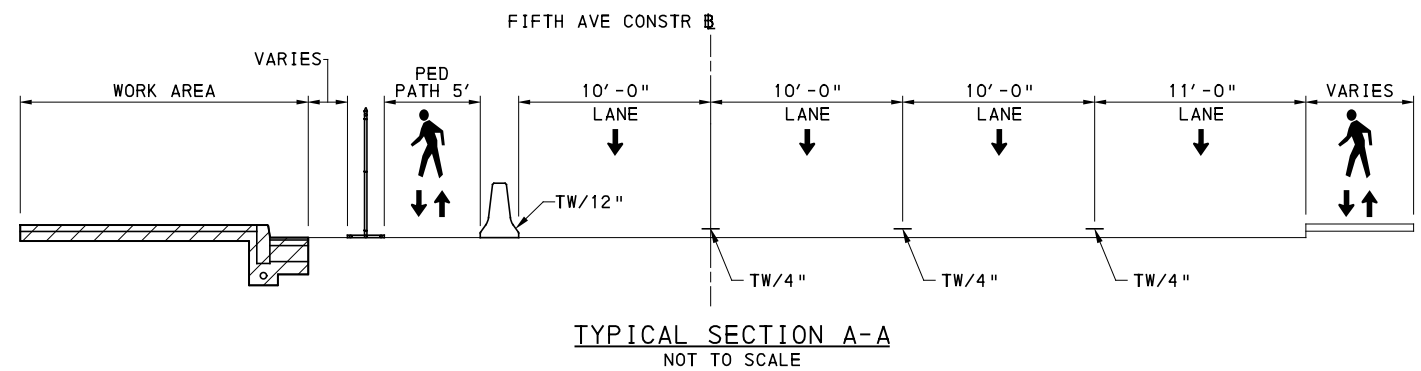
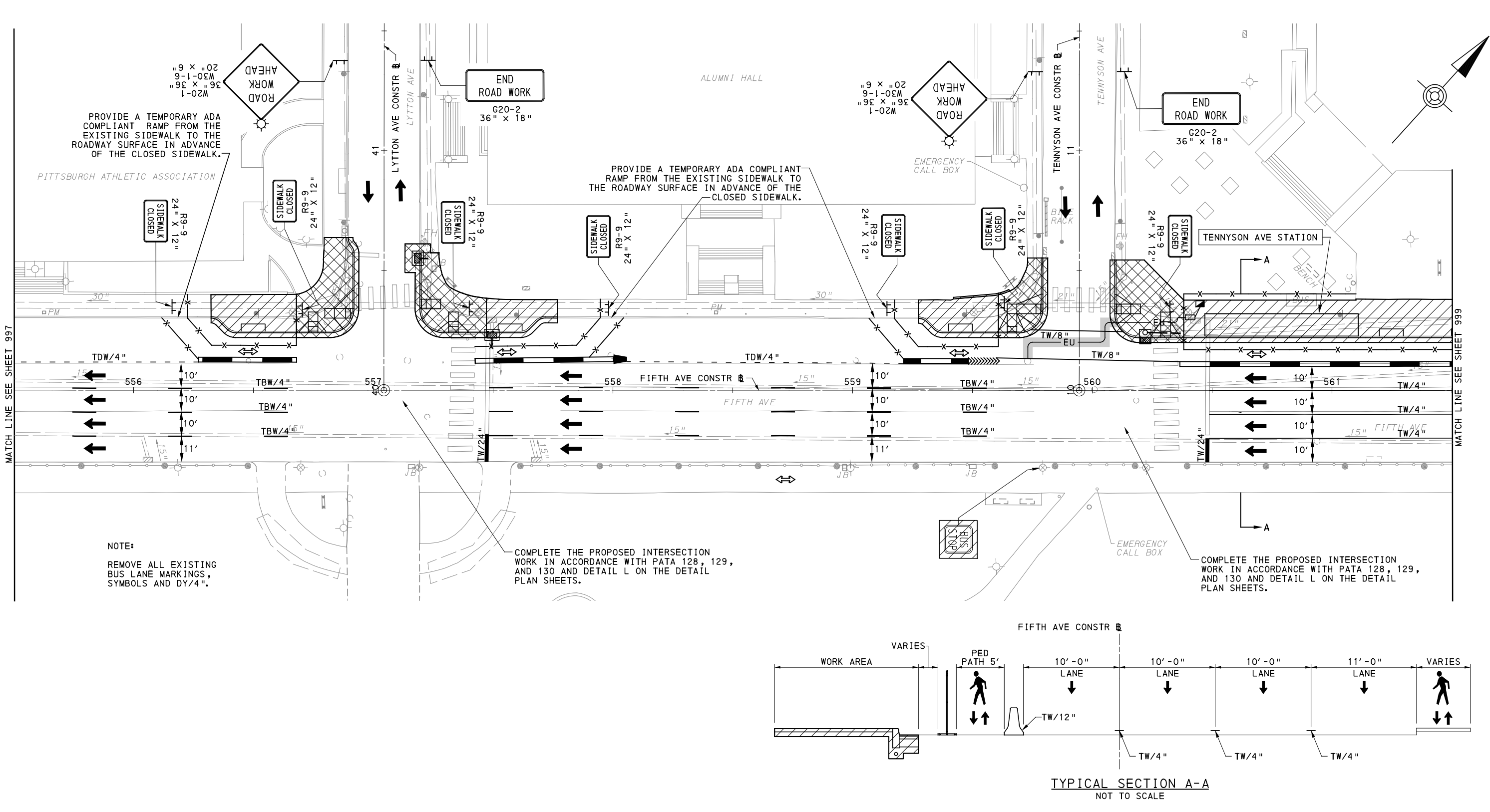
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
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OAKLAND SECTION - FIFTH AVE
 PHASE 1 - STAGE D
 SHEET 3 OF 6

[FOR ROADWAY PLAN SEE SHEET 381]

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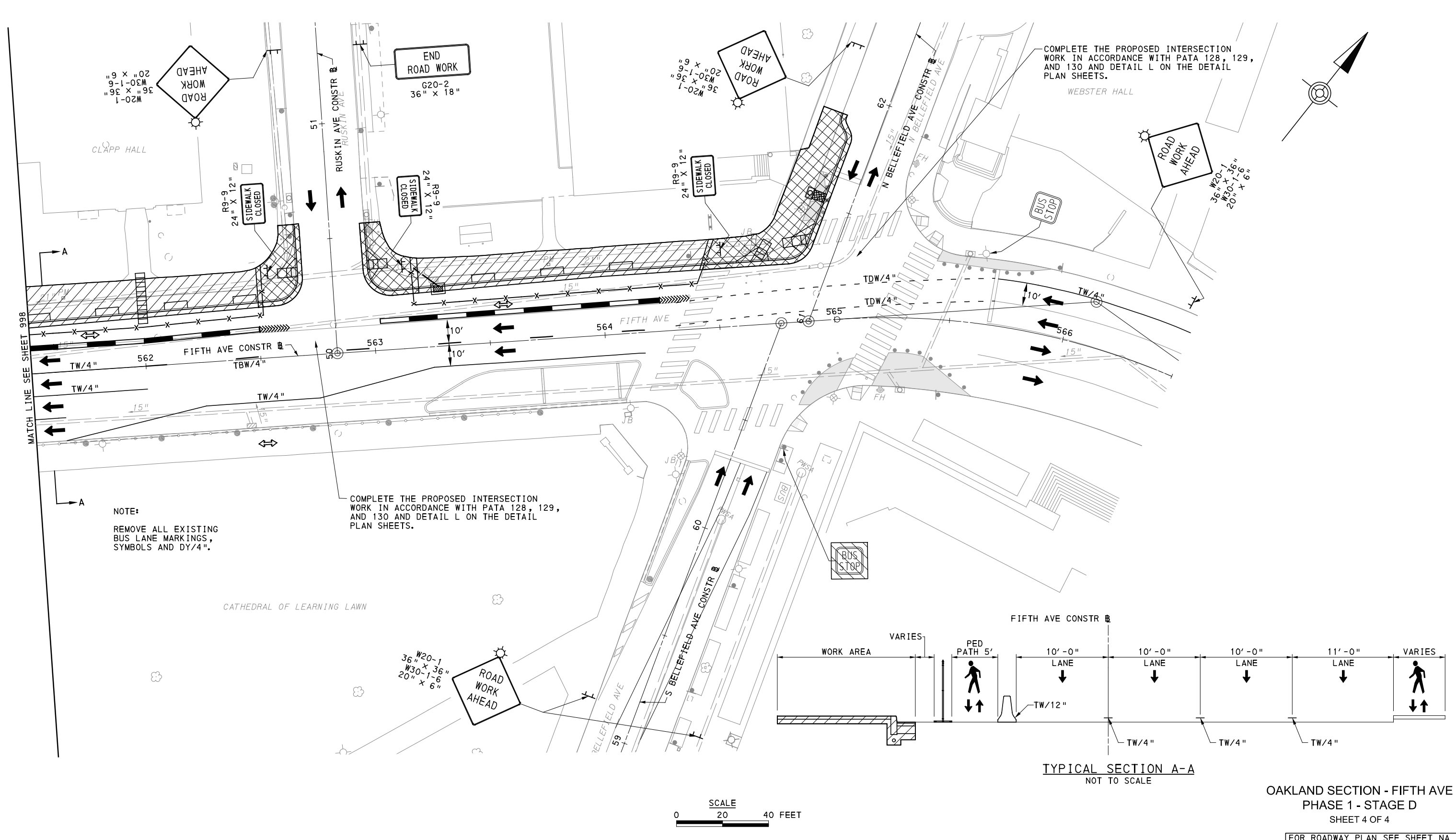
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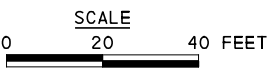
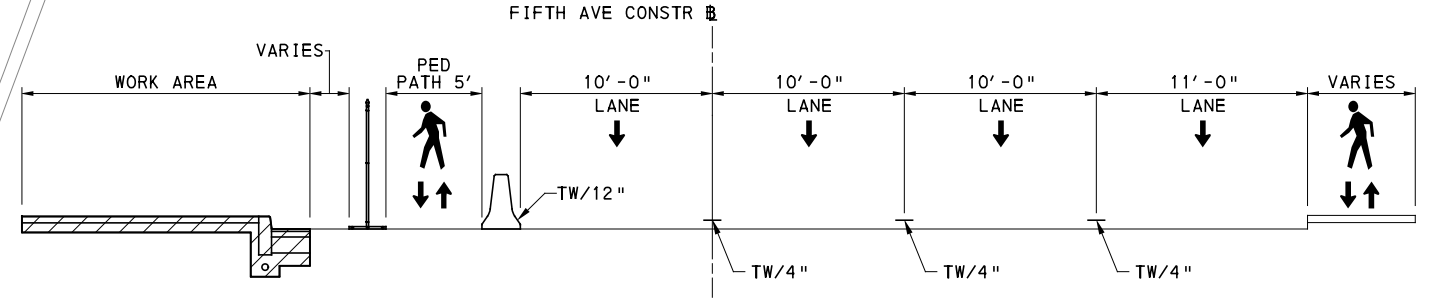
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FIFTH AVE - STA 555+50 TO STA 561+50	
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	DWG. NO. MT85 SHT. 998



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COMPLETE THE PROPOSED INTERSECTION
WORK IN ACCORDANCE WITH PATA 128, 129,
AND 130 AND DETAIL L ON THE DETAIL
PLAN SHEETS.

COMPLETE THE PROPOSED INTERSECTION
WORK IN ACCORDANCE WITH PATA 128, 129,
AND 130 AND DETAIL L ON THE DETAIL
PLAN SHEETS.



OAKLAND SECTION - FIFTH AVE
PHASE 1 - STAGE D
SHEET 4 OF 4

[FOR ROADWAY PLAN SEE SHEET NA



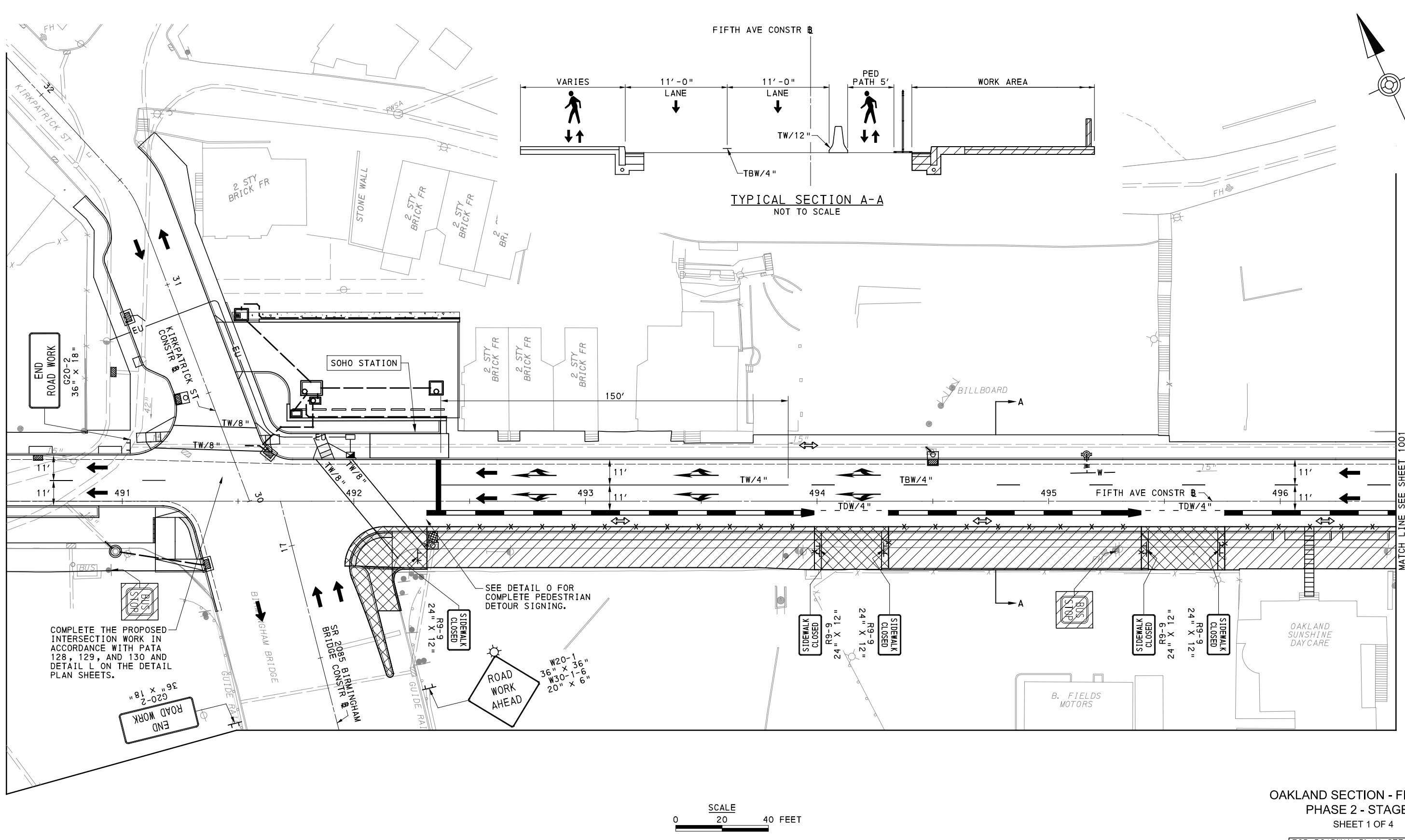
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FIFTH AVE - STA 561+50 TO STA 566+50	
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	DWG. NO. MT86 SHT. 999



OAKLAND SECTION - FIFTH AVE
 PHASE 2 - STAGE A
 SHEET 1 OF 4

[FOR ROADWAY PLAN SEE SHEET 368]



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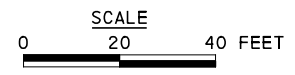
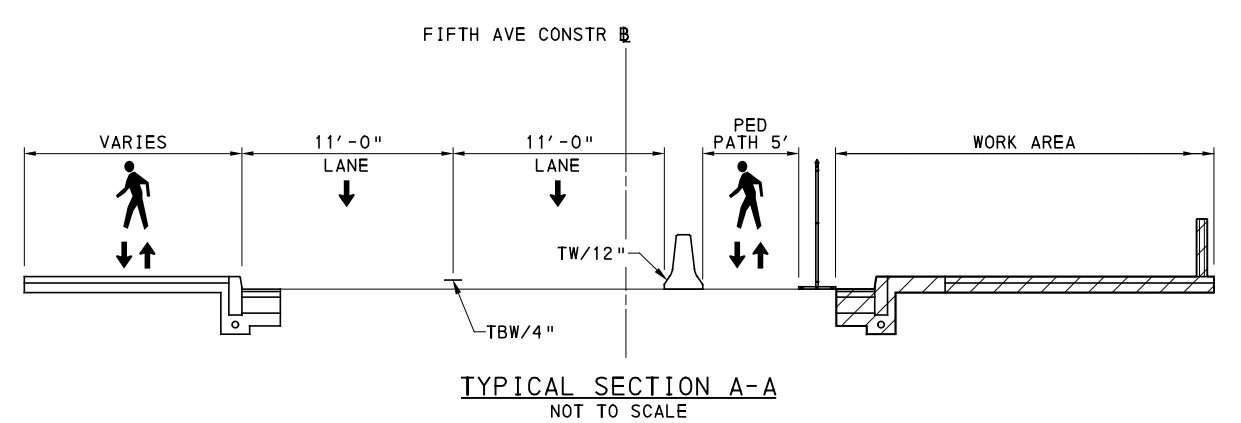
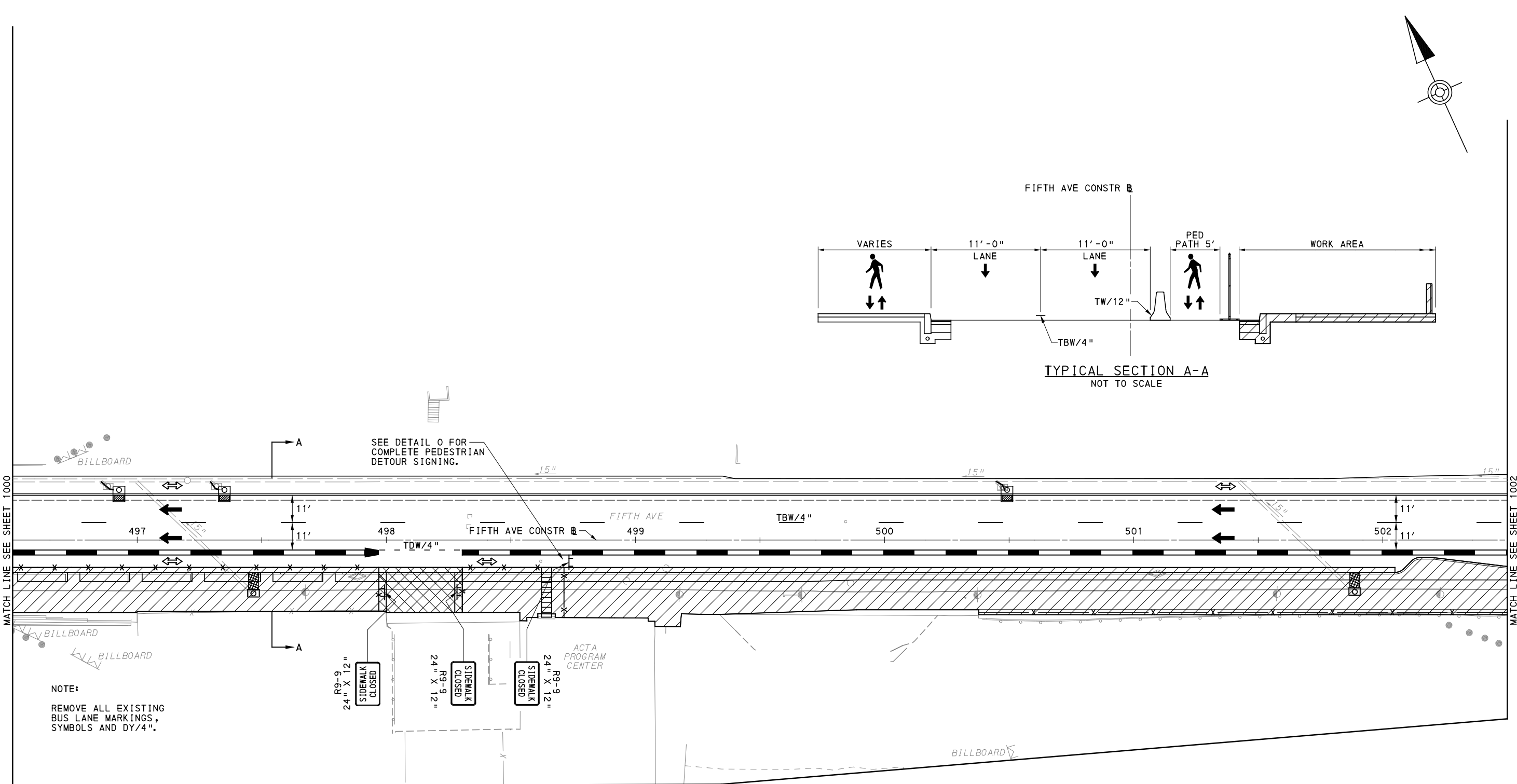
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BUS RAPID TRANSIT UPTOWN TO OAKLAND
 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 PHASE 2A / FIFTH AVE - STA 490+50 TO STA 496+50

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OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 2 OF 4
[FOR ROADWAY PLAN SEE SHEET 369]

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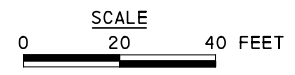
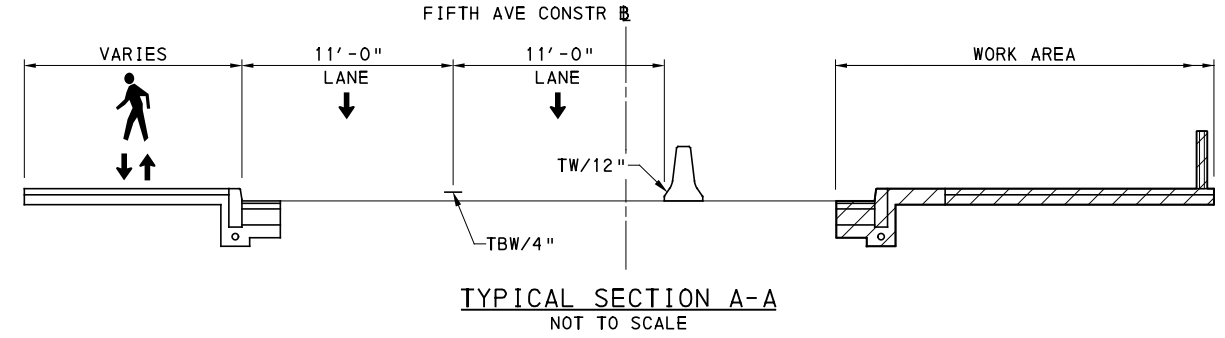
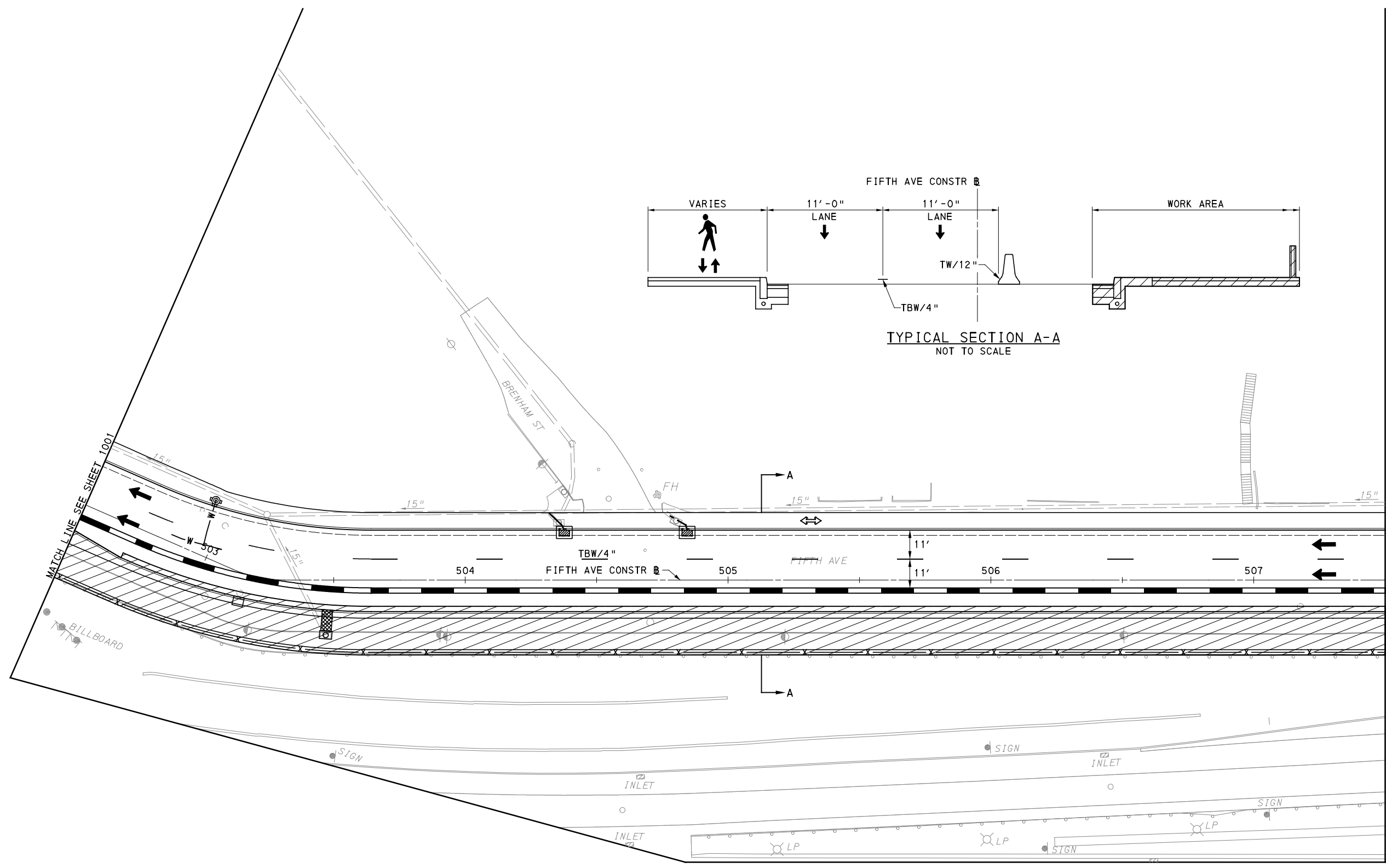
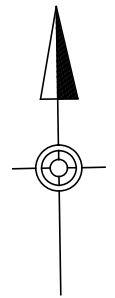
DESIGNED	GM
DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 496+50 TO STA 502+50

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CONTRACT NO. BRT-001
DWG. NO. MT88 SHT. 1001



OAKLAND SECTION - FIFTH AVE
 PHASE 2 - STAGE A
 SHEET 3 OF 4

[FOR ROADWAY PLAN SEE SHEET 373]

AECOM
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 Pittsburgh, PA 15219

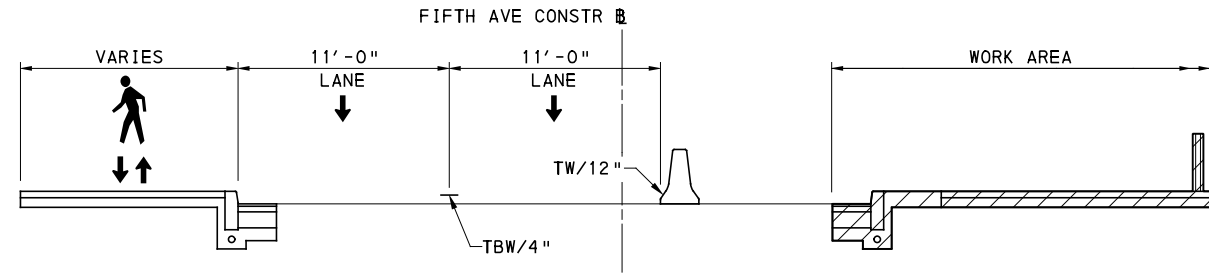
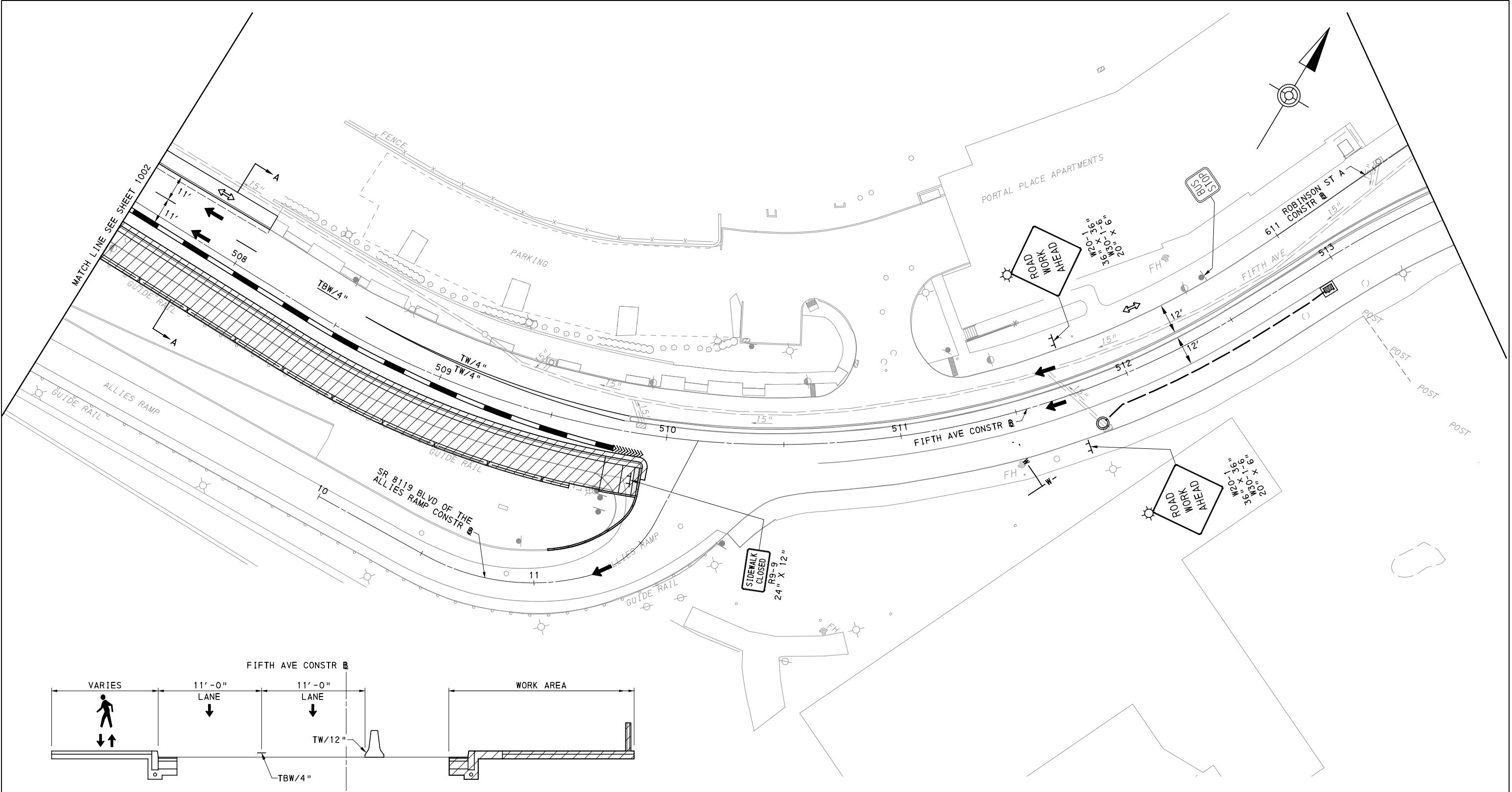
NO.	DATE	DESCRIPTION
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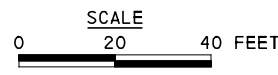
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DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 502+50 TO STA 507+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT89 SHT. 1002



TYPICAL SECTION A-A
NOT TO SCALE



OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE A
SHEET 4 OF 4

[FOR ROADWAY PLAN SEE SHEET 371]

AECOM
Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

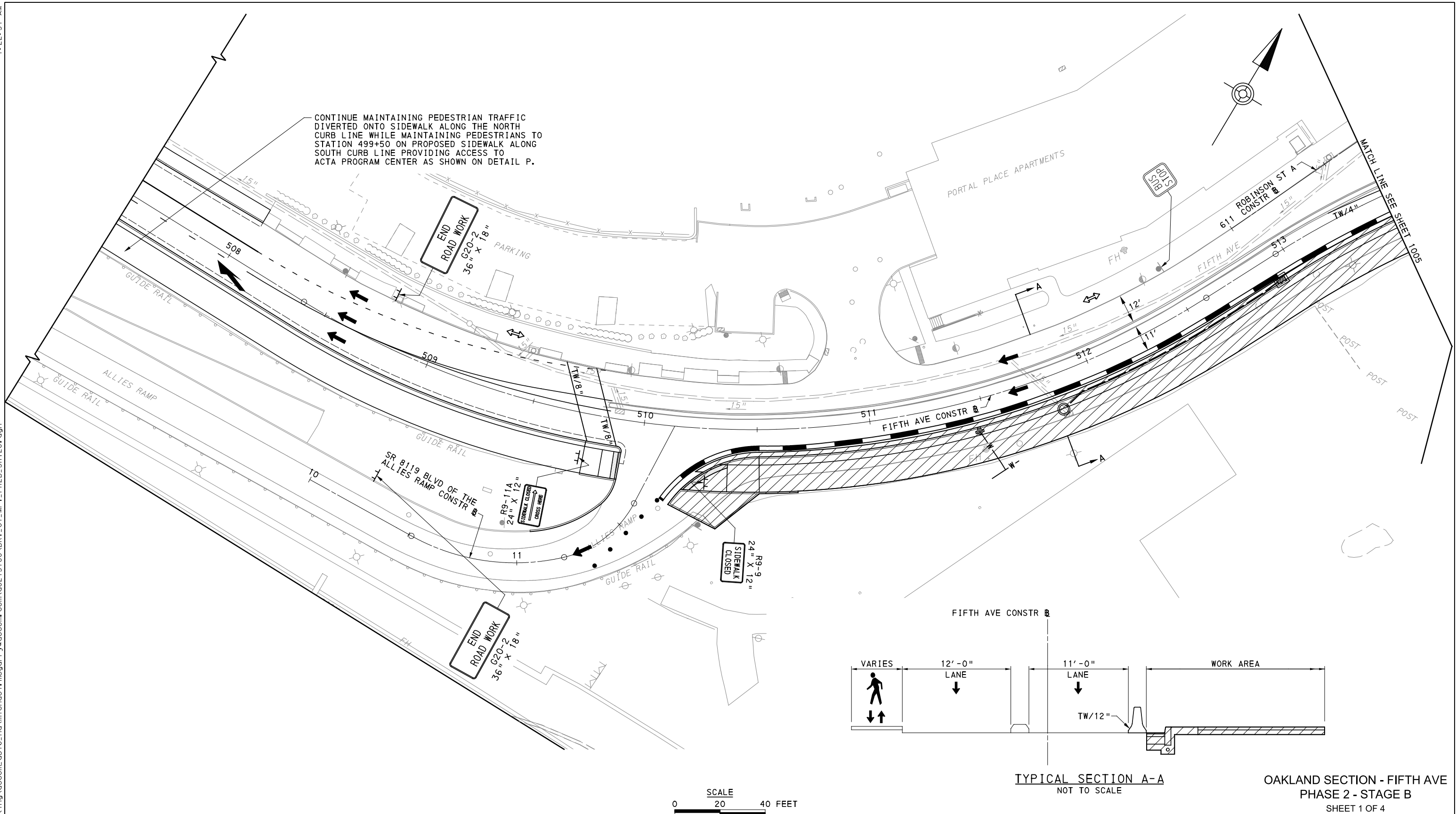
NO.	DATE	DESCRIPTION
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FIFTH AVE - STA 507+50 TO STA 513+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT90 SHT. 1003



TYPICAL SECTION A-A
NOT TO SCALE

OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE B
SHEET 1 OF 4

[FOR ROADWAY PLAN SEE SHEET 371]



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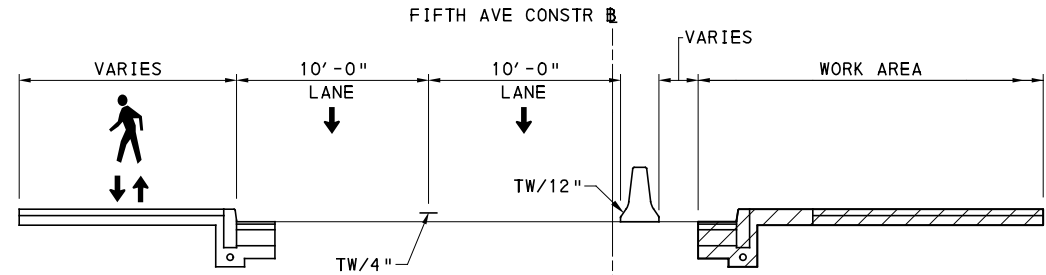
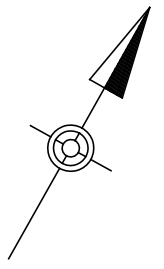
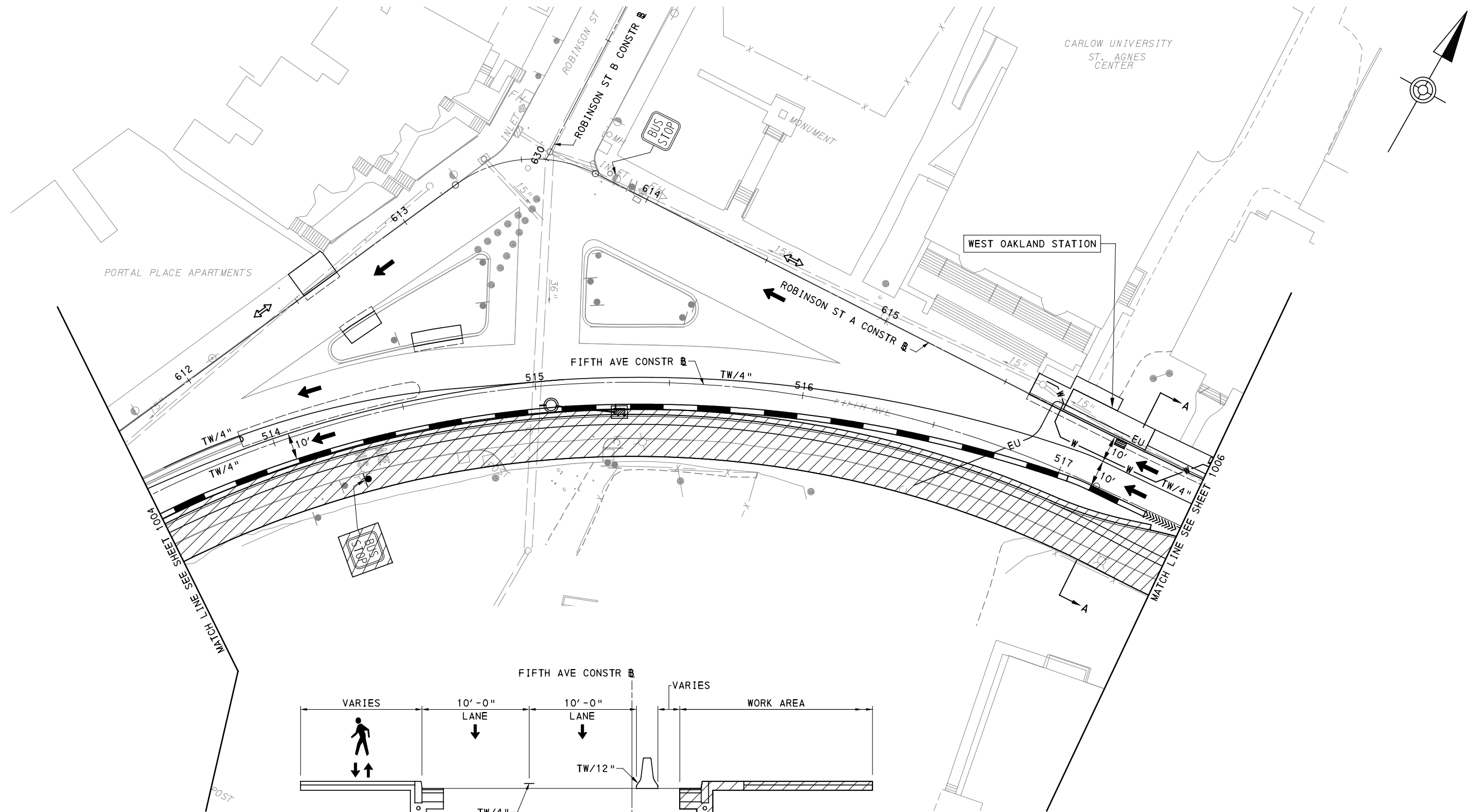
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DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

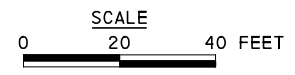
BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2B / FIFTH AVE - STA 507+50 TO STA 513+50

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CONTRACT NO. BRT-001
DWG. NO. MT91 SHT. 1004



TYPICAL SECTION A-A
NOT TO SCALE



OAKLAND SECTION -FIFTH AVE
PHASE 2 - STAGE B
SHEET 2 OF 4

[FOR ROADWAY PLAN SEE SHEET 372]

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Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

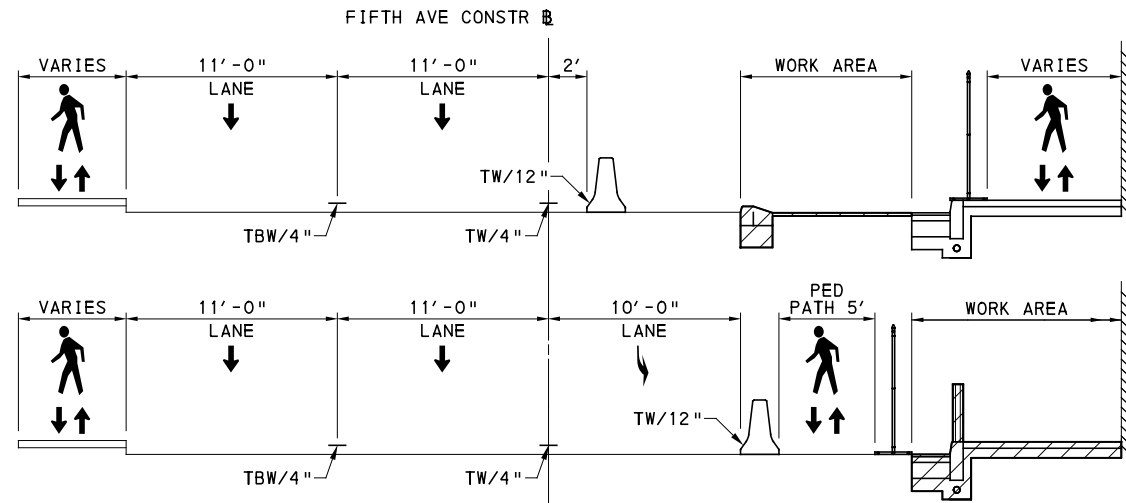
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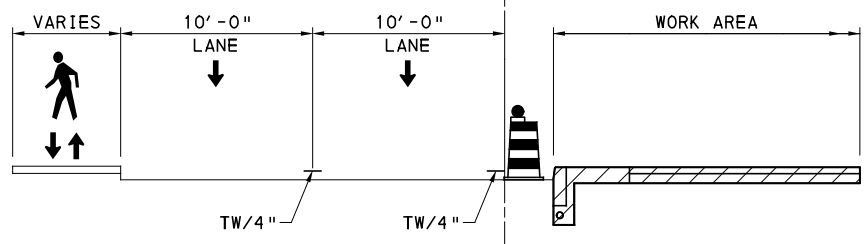
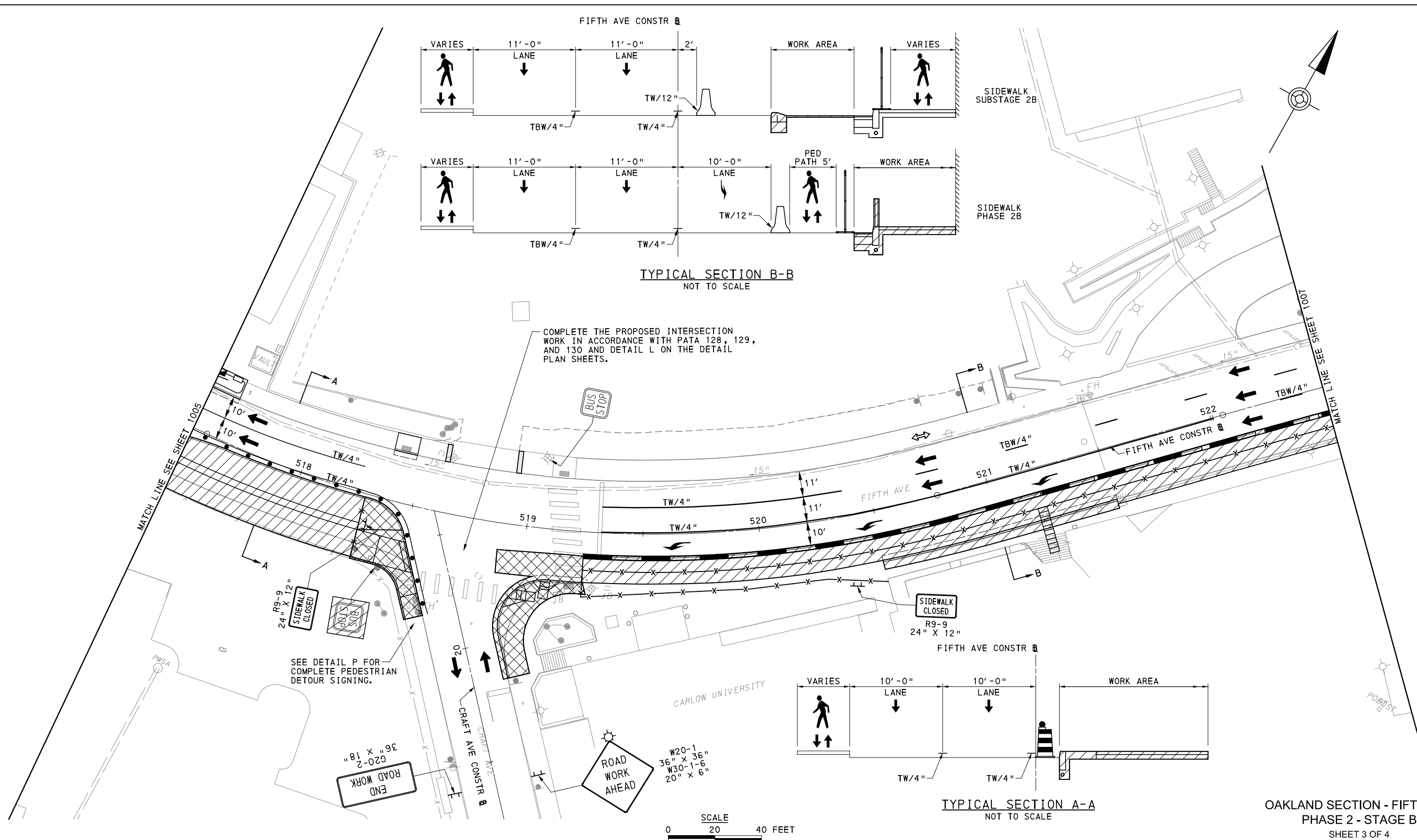
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CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 513+50 TO STA 517+50	
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	DWG. NO. MT92 SHT. 1005



TYPICAL SECTION B-B
NOT TO SCALE

COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL L ON THE DETAIL PLAN SHEETS.



TYPICAL SECTION A-A
NOT TO SCALE

OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE B
SHEET 3 OF 4

[FOR ROADWAY PLAN SEE SHEET 373]

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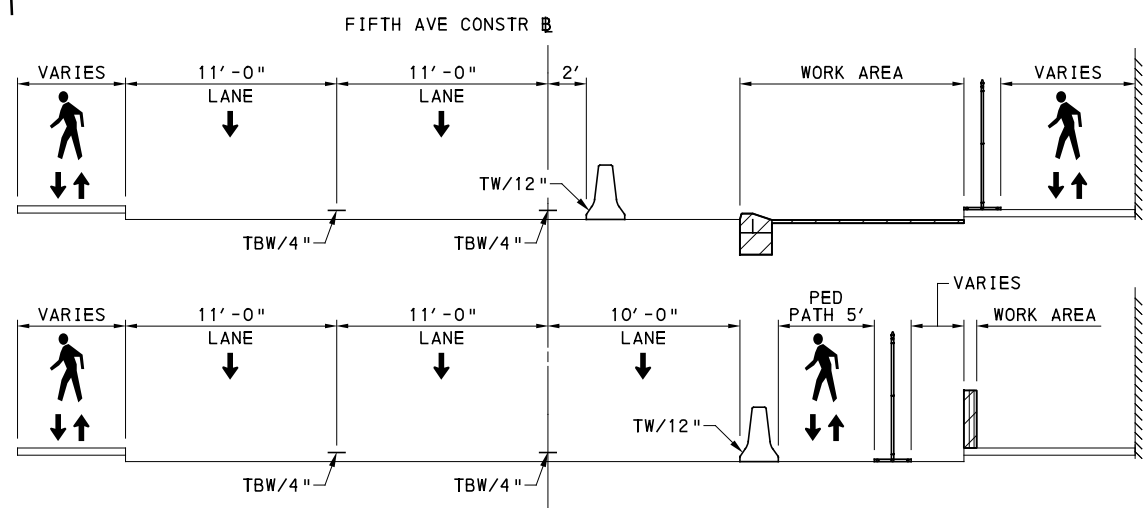
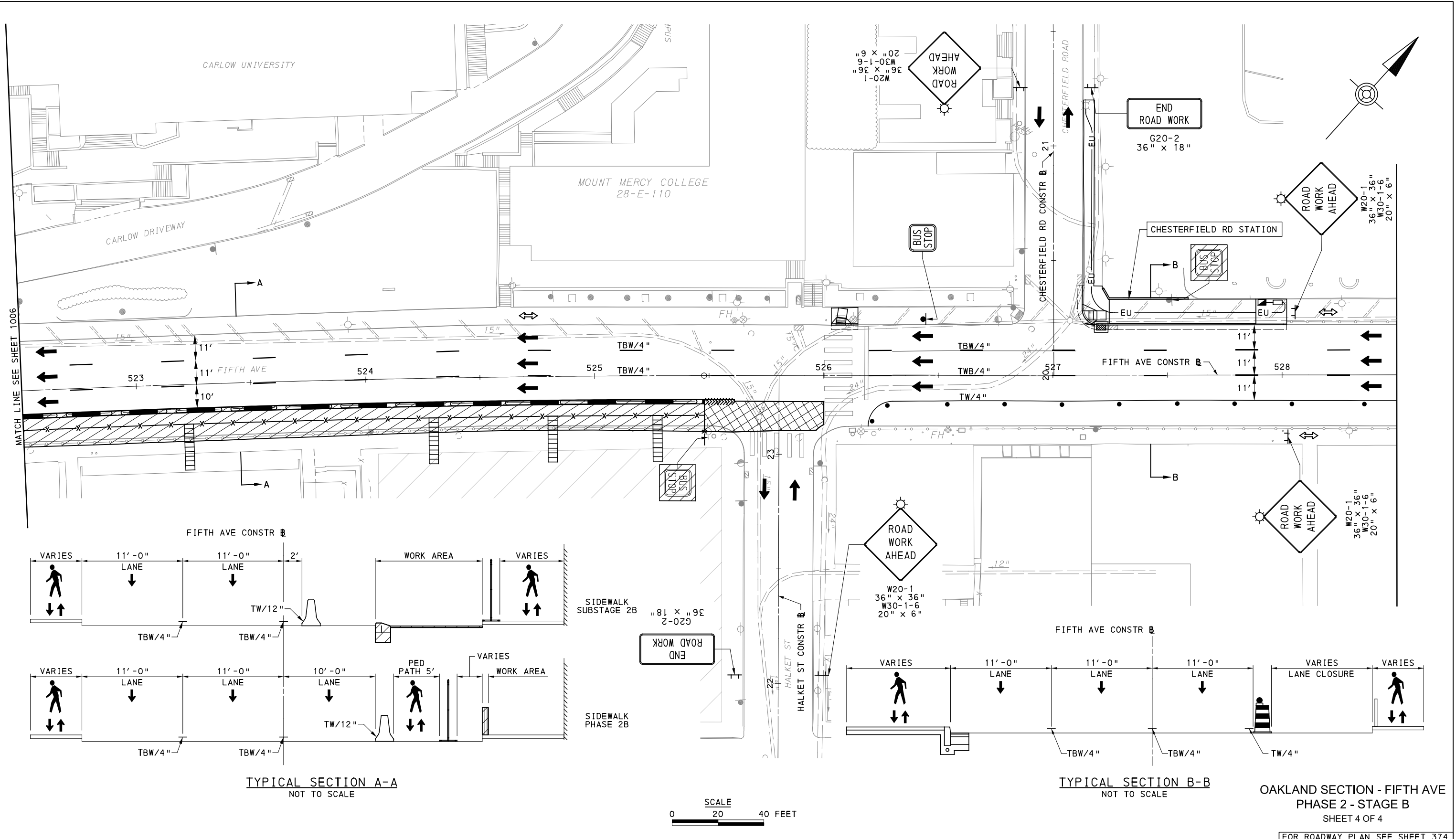
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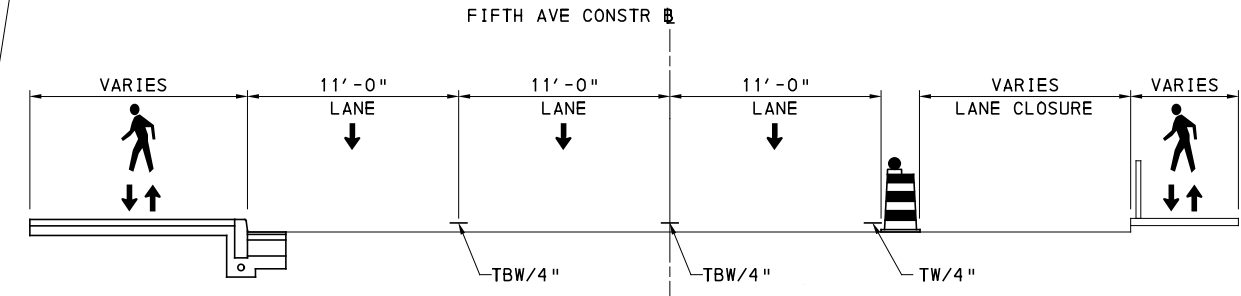
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT93 SHT. 1006

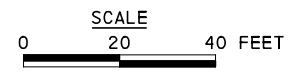


TYPICAL SECTION A-A
NOT TO SCALE



TYPICAL SECTION B-B
NOT TO SCALE

OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE B
SHEET 4 OF 4



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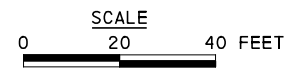
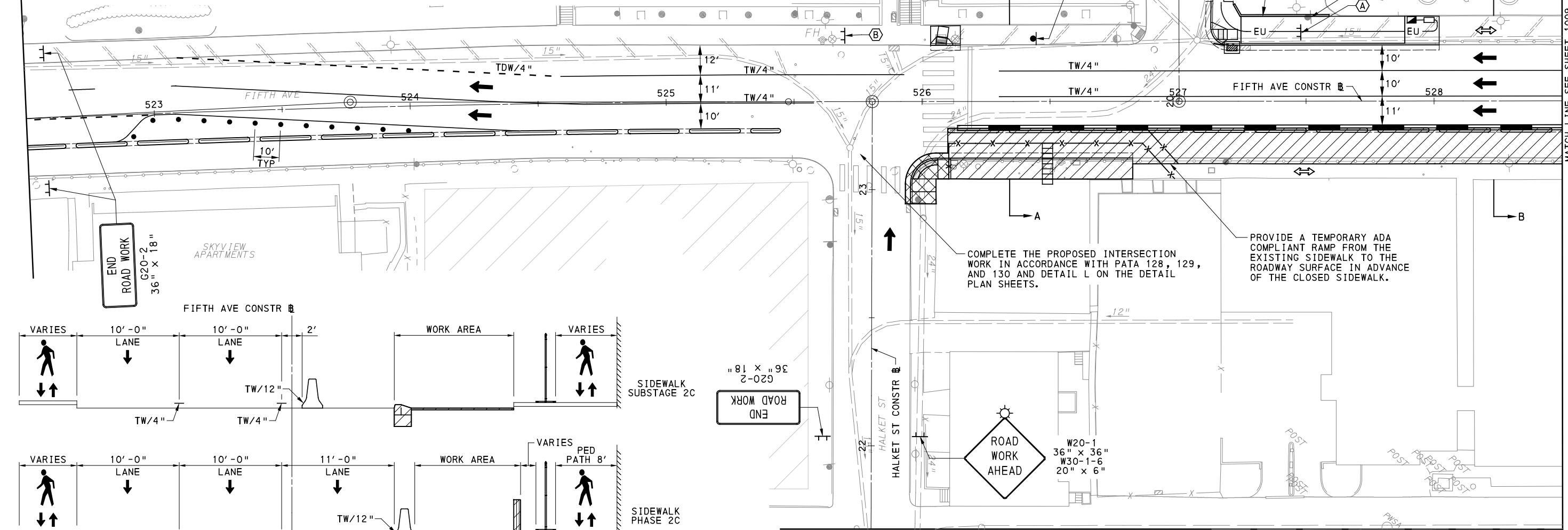
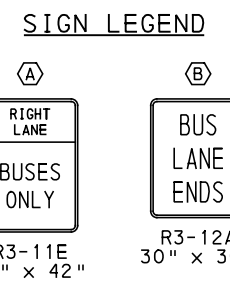
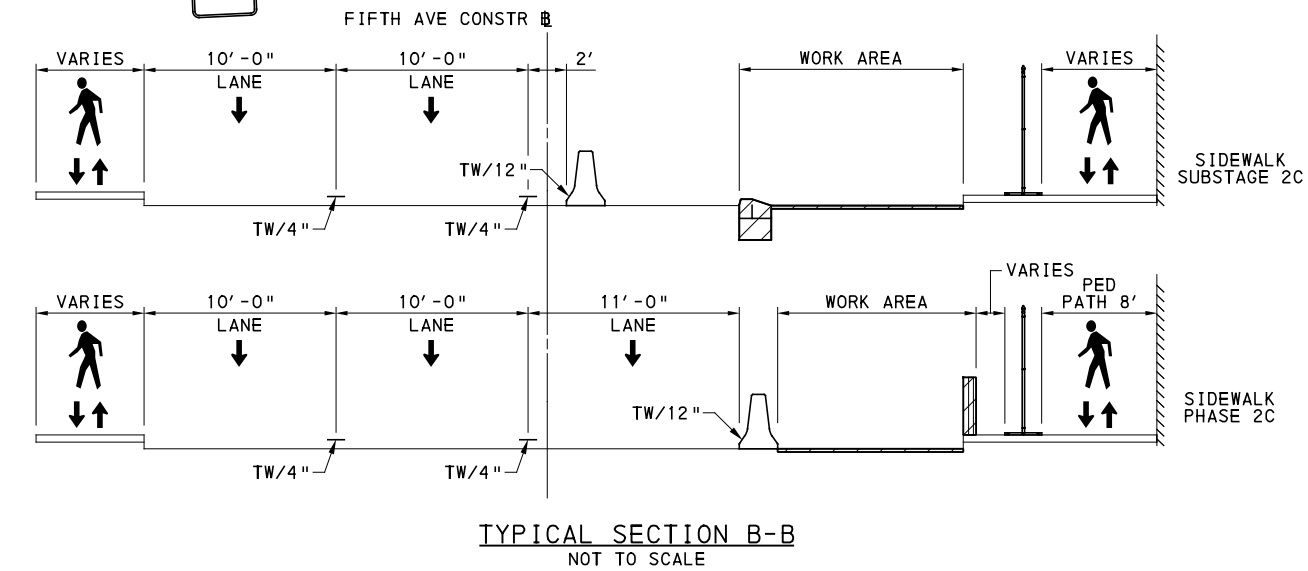
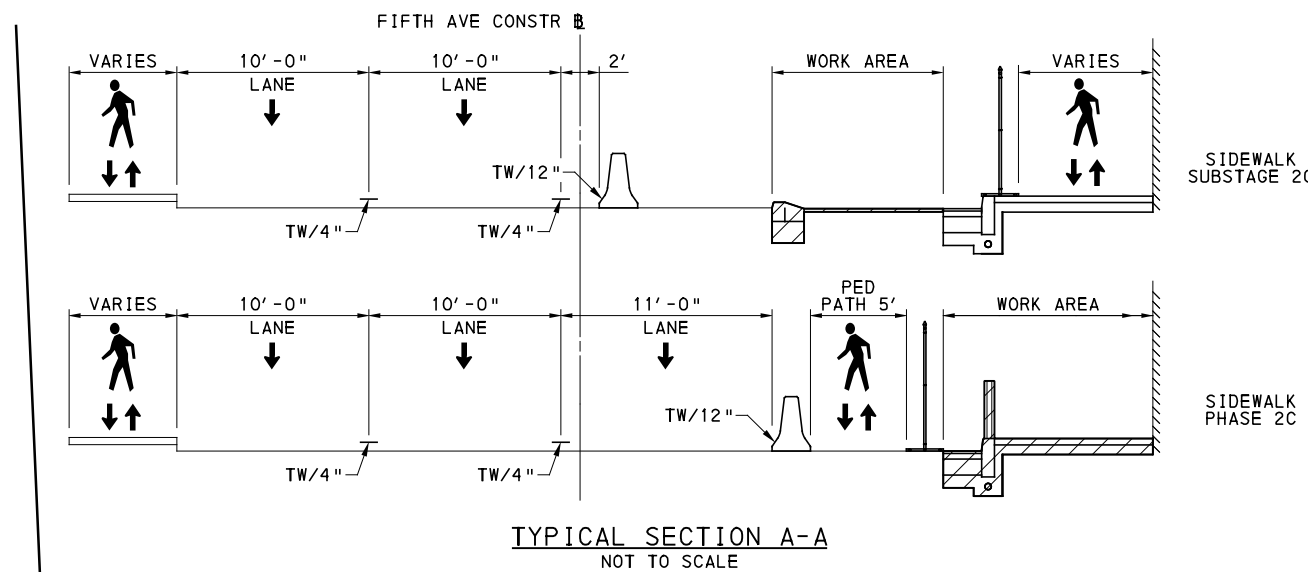
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FIFTH AVE - STA 522+50 TO STA 528+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT94 SHT. 1007

[FOR ROADWAY PLAN SEE SHEET 374]

PLOTTED: 3/22/2024 1:23:30 AM

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OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE C
SHEET 1 OF 4
[FOR ROADWAY PLAN SEE SHEET 374]

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IN CHARGE	JKM
DATE	05/01/24
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

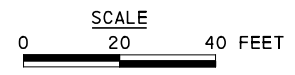
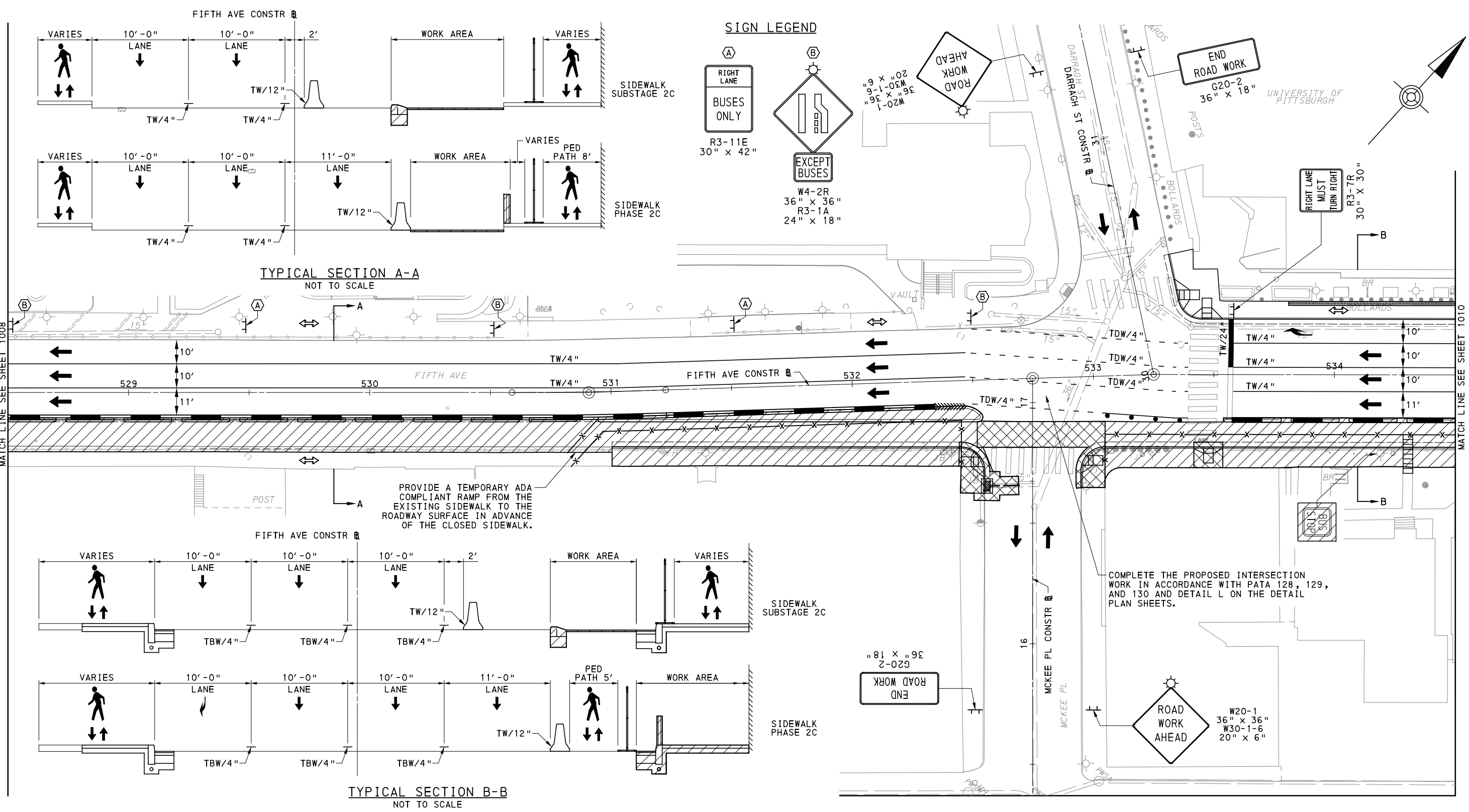
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 522+50 TO STA 528+50

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OAKLAND SECTION - FIFTH AVE
 PHASE 2 - STAGE C
 SHEET 2 OF 4
 [FOR ROADWAY PLAN SEE SHEET 375]

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 5th Floor
 Pittsburgh, PA 15219

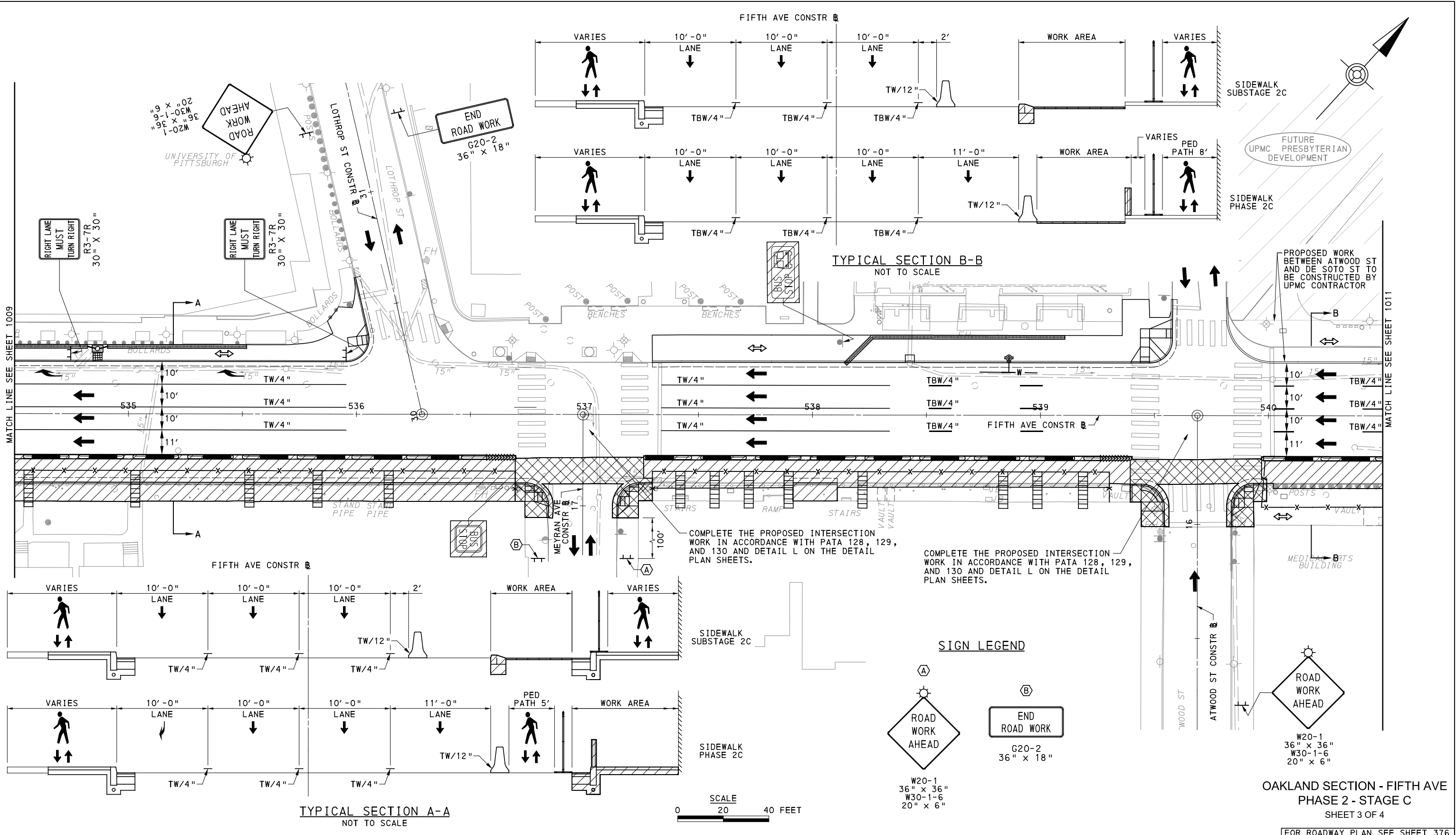
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 BUS RAPID TRANSIT UPTOWN TO OAKLAND
 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 PHASE 2C / FIFTH AVE - STA 528+50 TO STA 534+50
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 DWG. NO. MT96 SHT. 1009



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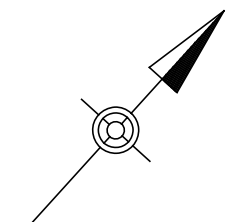
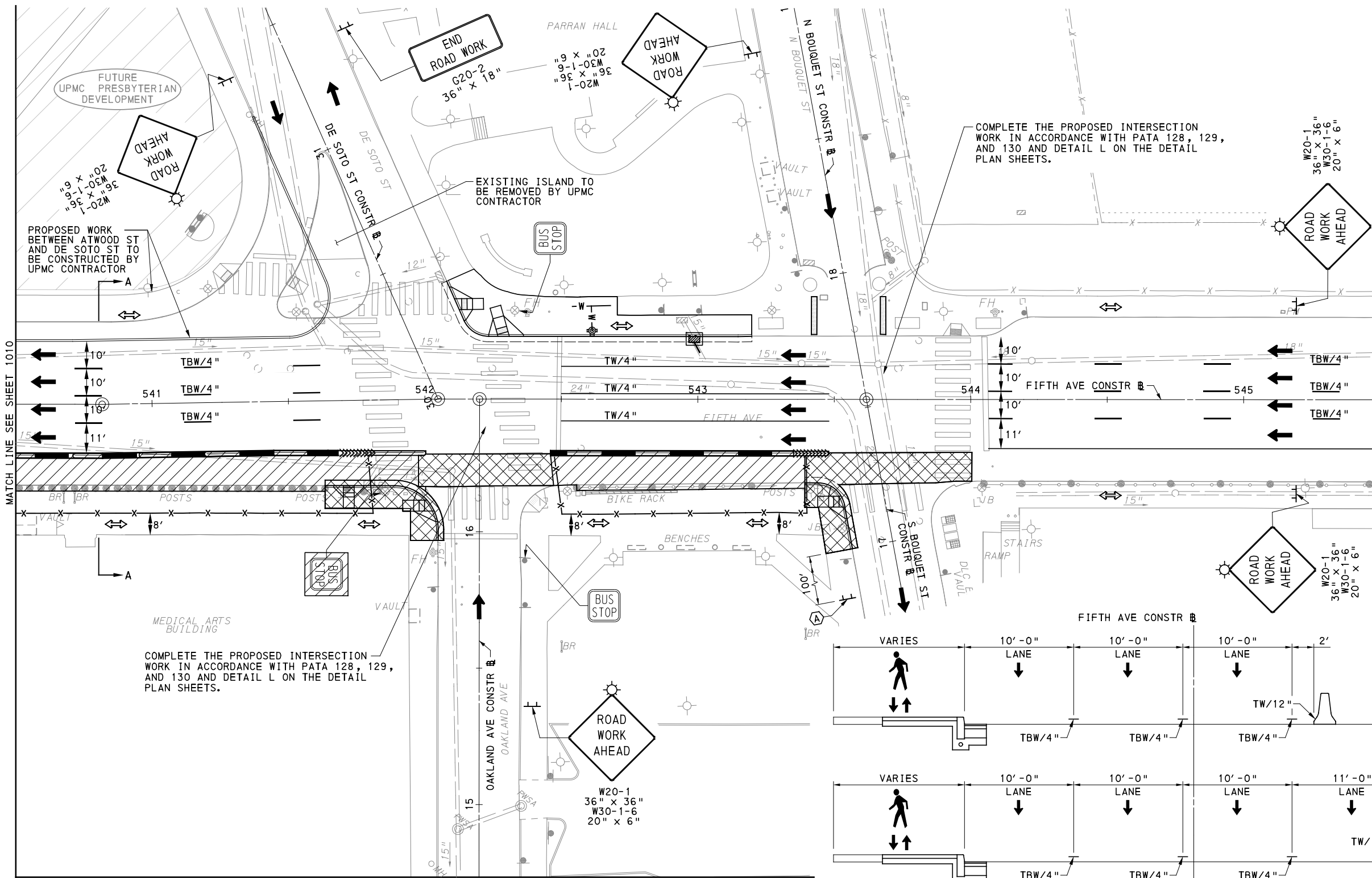
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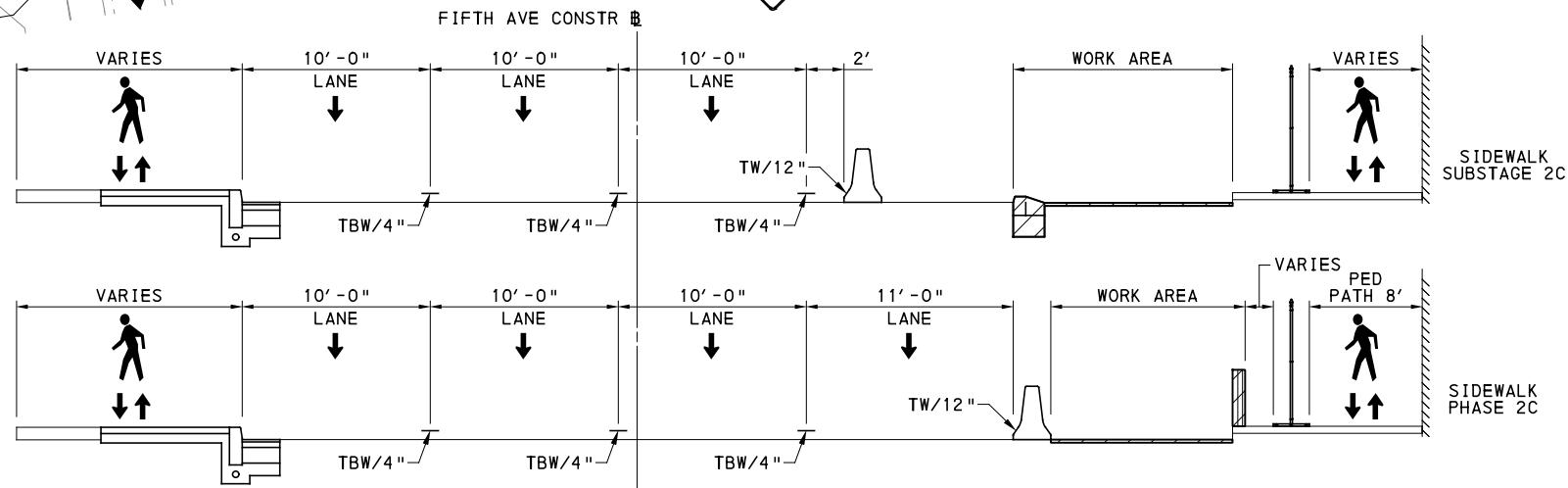
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FIFTH AVE - STA 534+50 TO STA 540+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
DWG. NO. MT97	SHT. 1010

[FOR ROADWAY PLAN SEE SHEET 376]

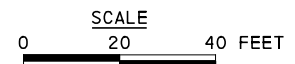


SIGN LEGEND



TYPICAL SECTION A-A
NOT TO SCALE

**OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE C
SHEET 4 OF 4**



[FOR ROADWAY PLAN SEE SHEET 377]



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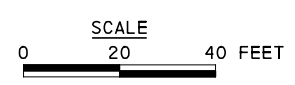
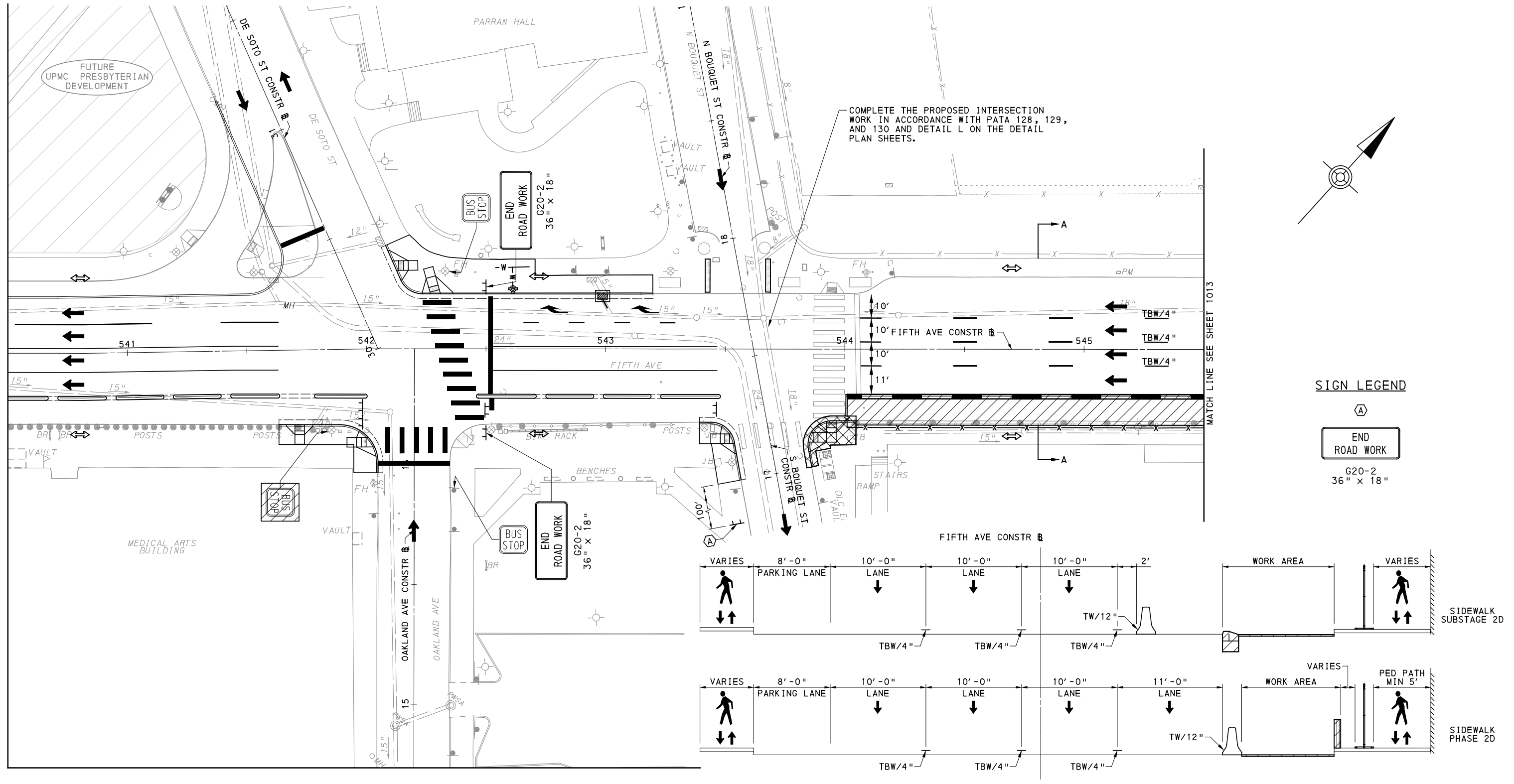
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT98 SHT. 1011

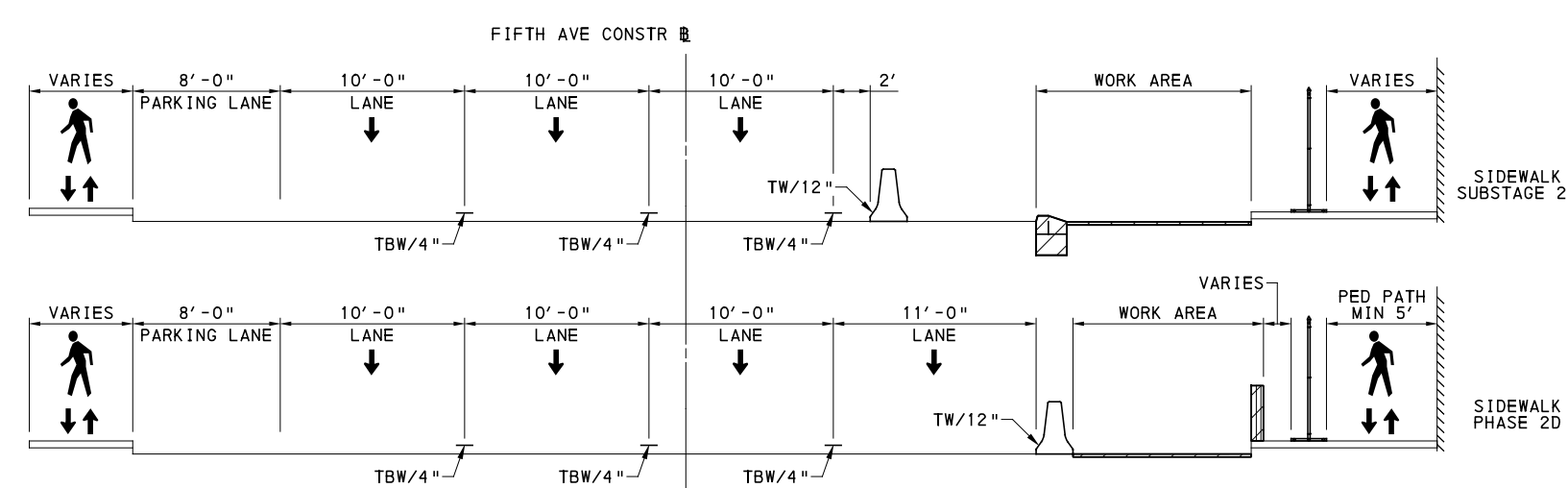
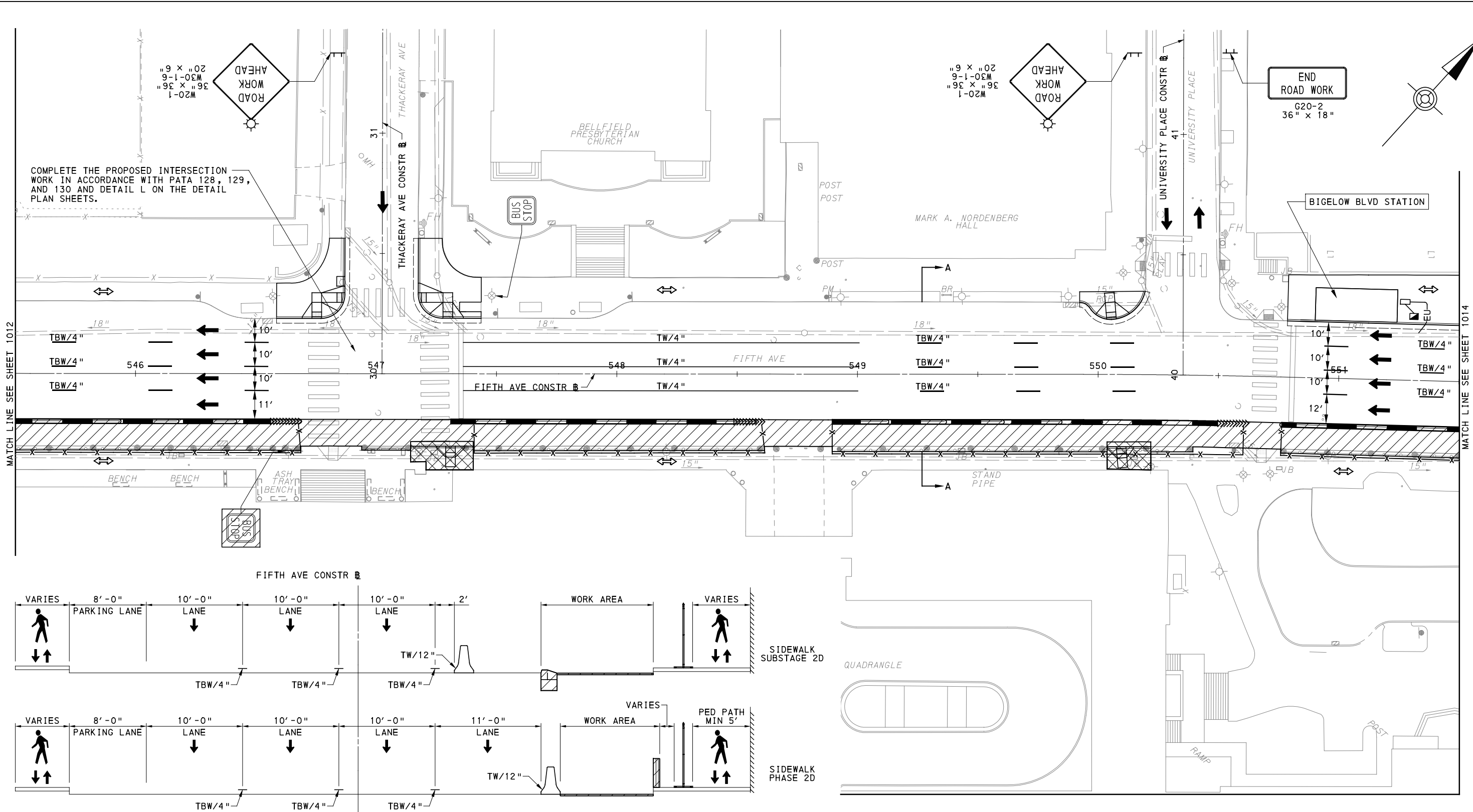


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						DRAWN MRM/FJC	
						IN CHARGE JKM	<p>Port Authority connecting people to life™</p>
						DATE 05/01/24	
						SCALE AS SHOWN	<p>DWG. NO. MT99</p>
						<p>SHT. 1012</p>	

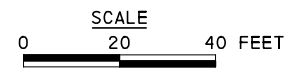
[FOR ROADWAY PLAN SEE SHEET 377]

OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE D
SHEET 1 OF 5

TYPICAL SECTION A-A
NOT TO SCALE



TYPICAL SECTION A-A
NOT TO SCALE



OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE D
SHEET 2 OF 5

[FOR ROADWAY PLAN SEE SHEET 378]

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DATE	05/01/24
SCALE	AS SHOWN

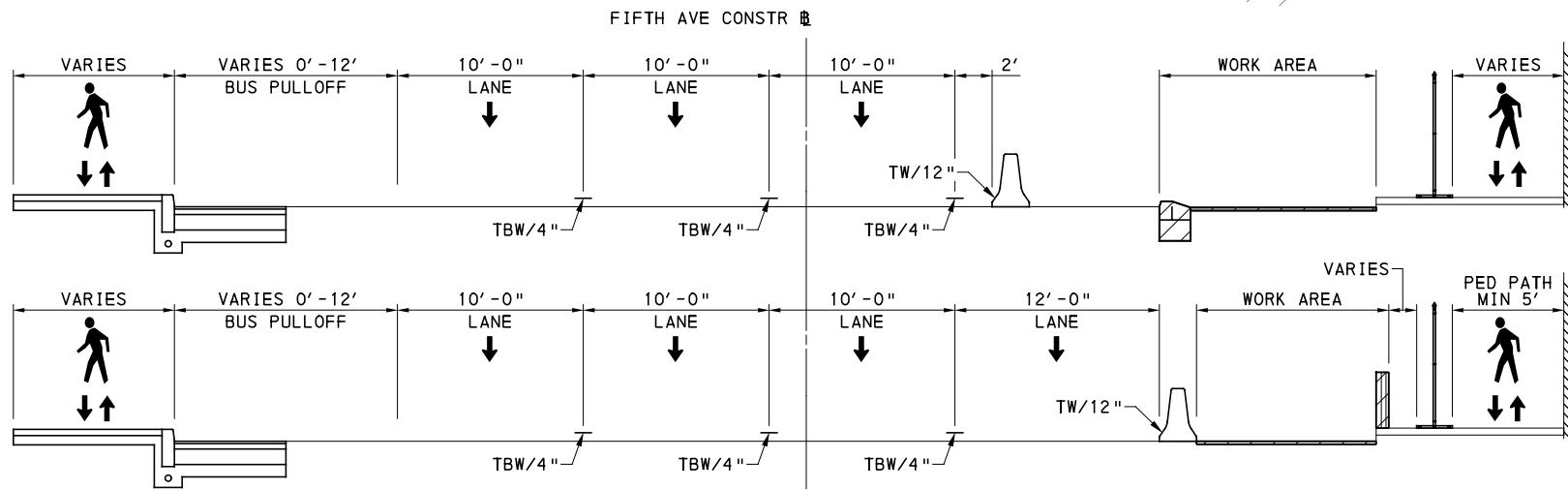
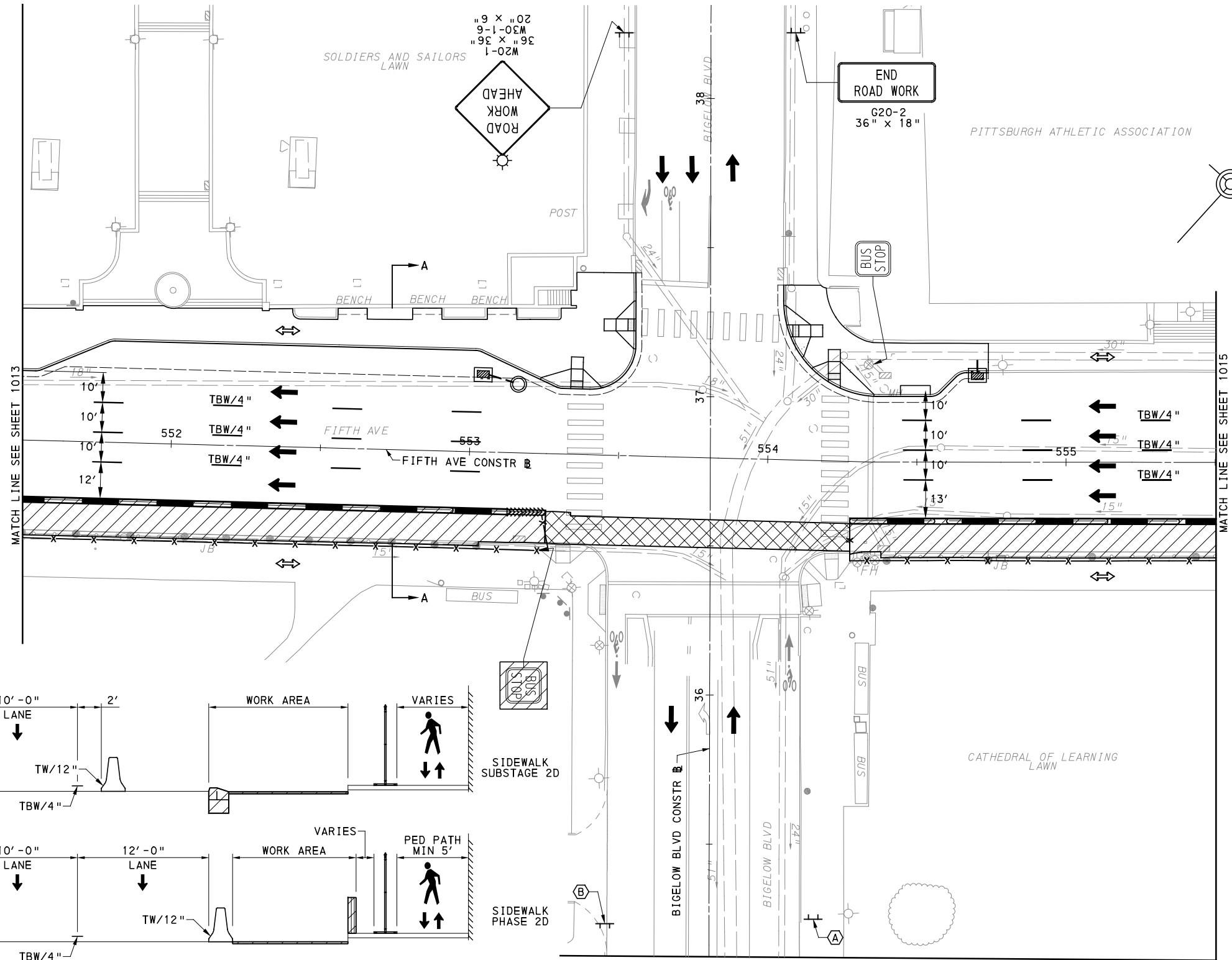
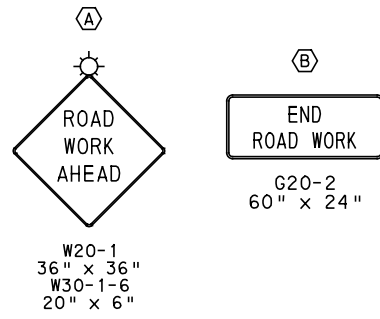
PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2D / FIFTH AVE - STA 545+50 TO STA 551+50

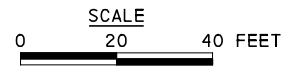
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TYPICAL SECTION A-A
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OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE D
SHEET 3 OF 5

[FOR ROADWAY PLAN SEE SHEET 379]



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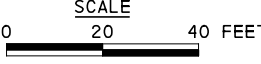
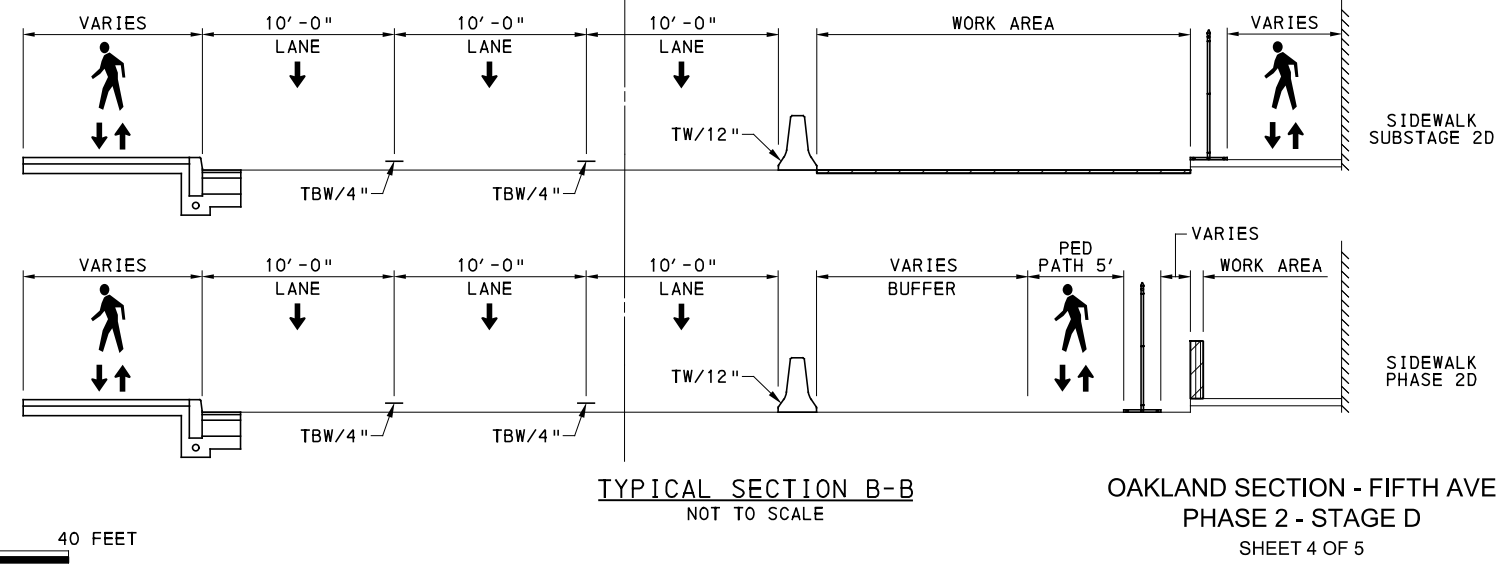
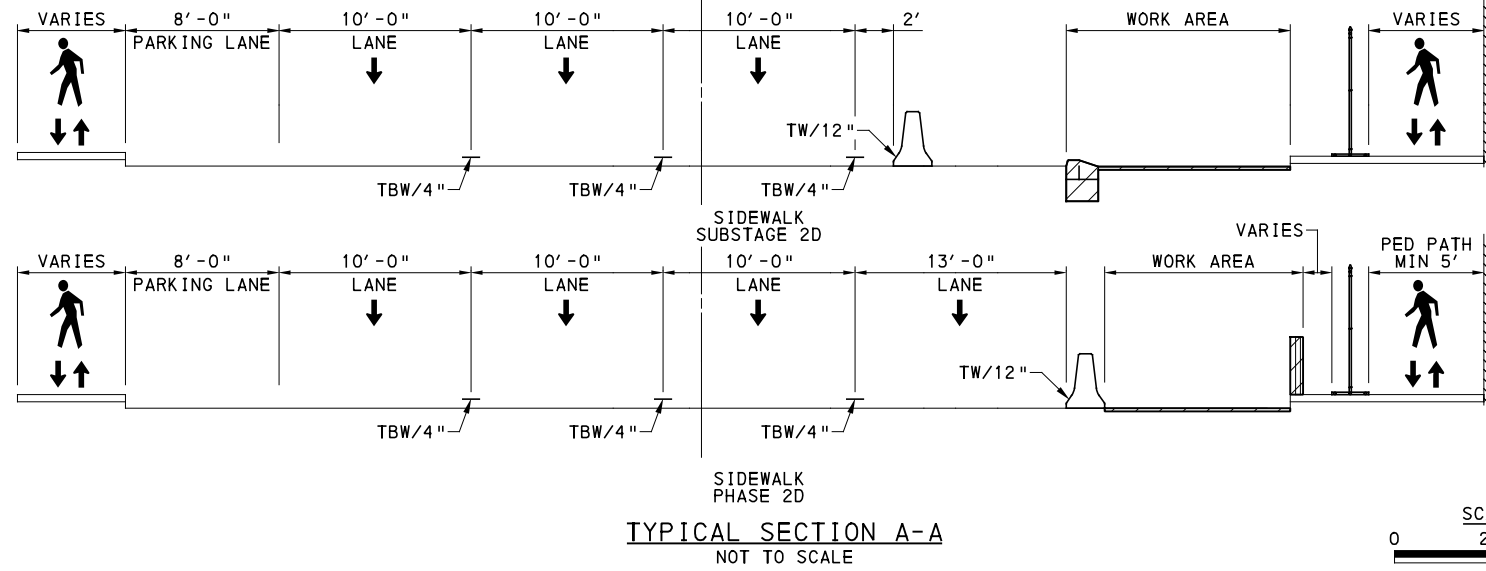
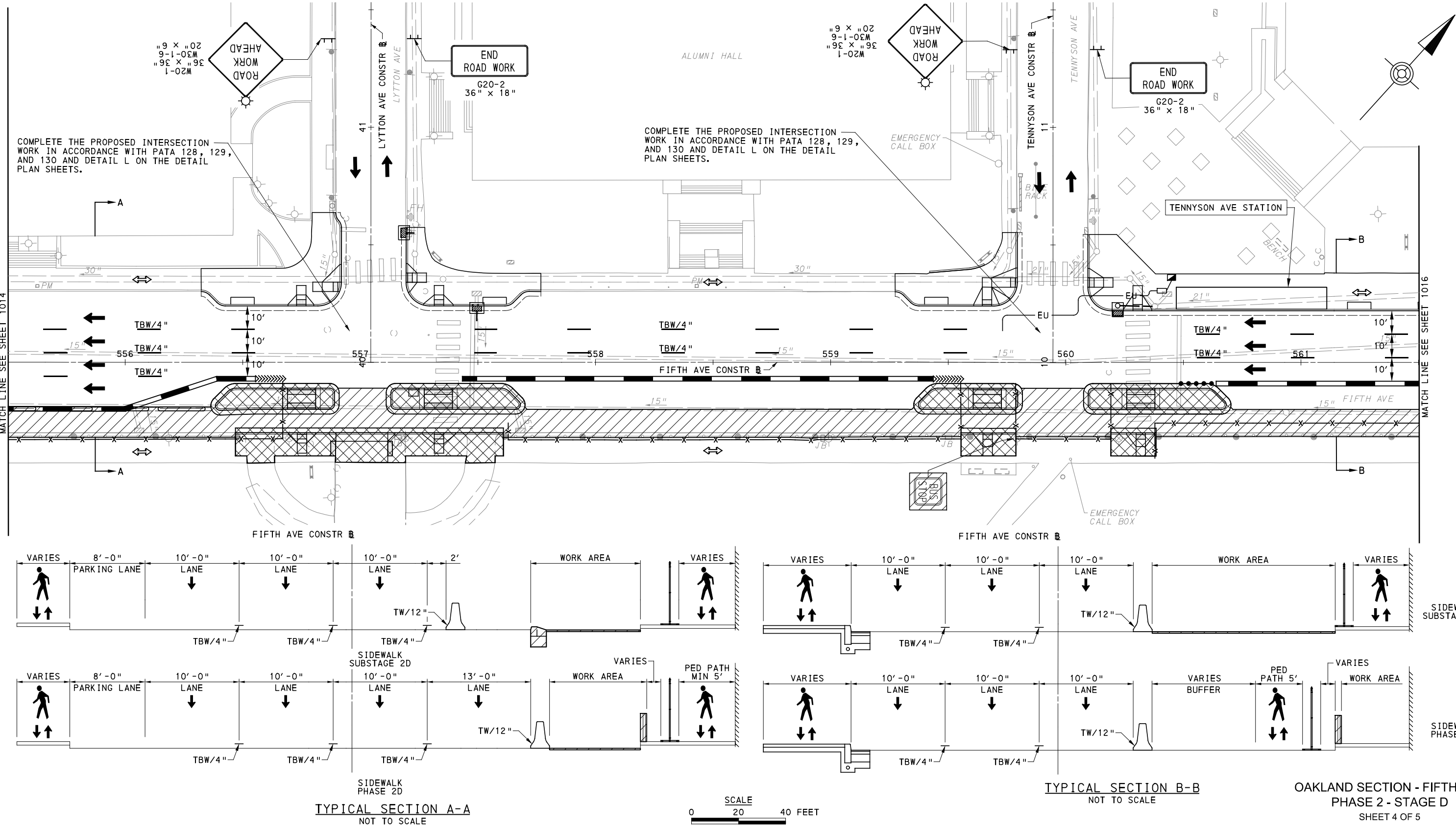
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(NOT FOR CONSTRUCTION)

DESIGNED	GM
DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2D / FIFTH AVE - STA 551+50 TO STA 555+50

Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT101	SHT. 1014



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 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

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(NOT FOR CONSTRUCTION)

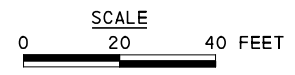
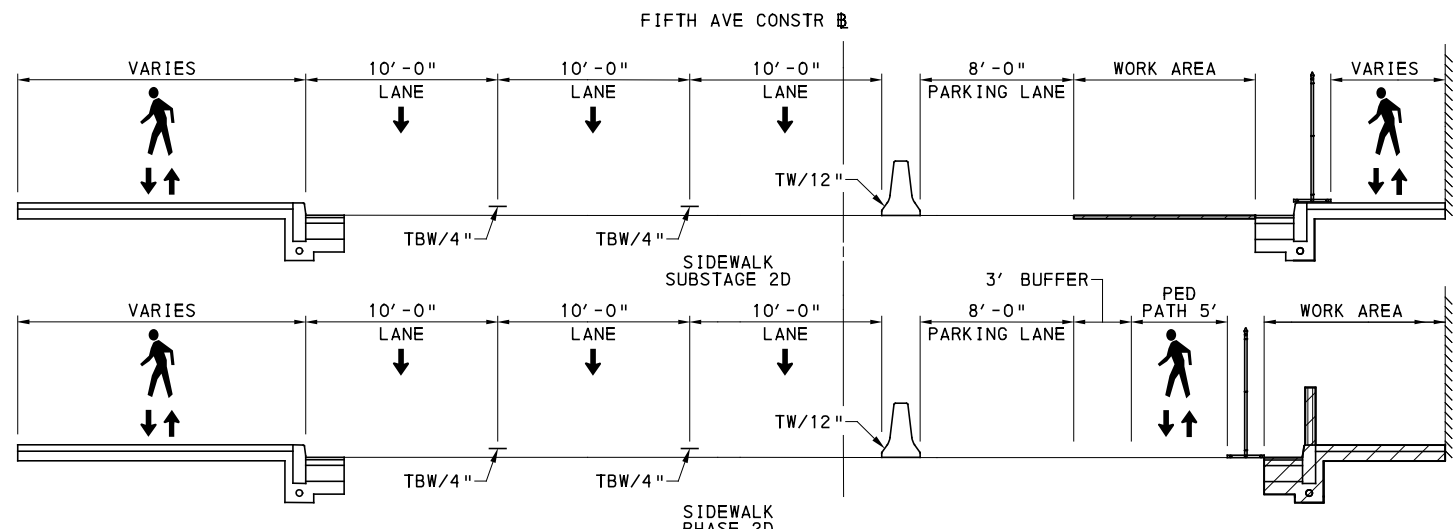
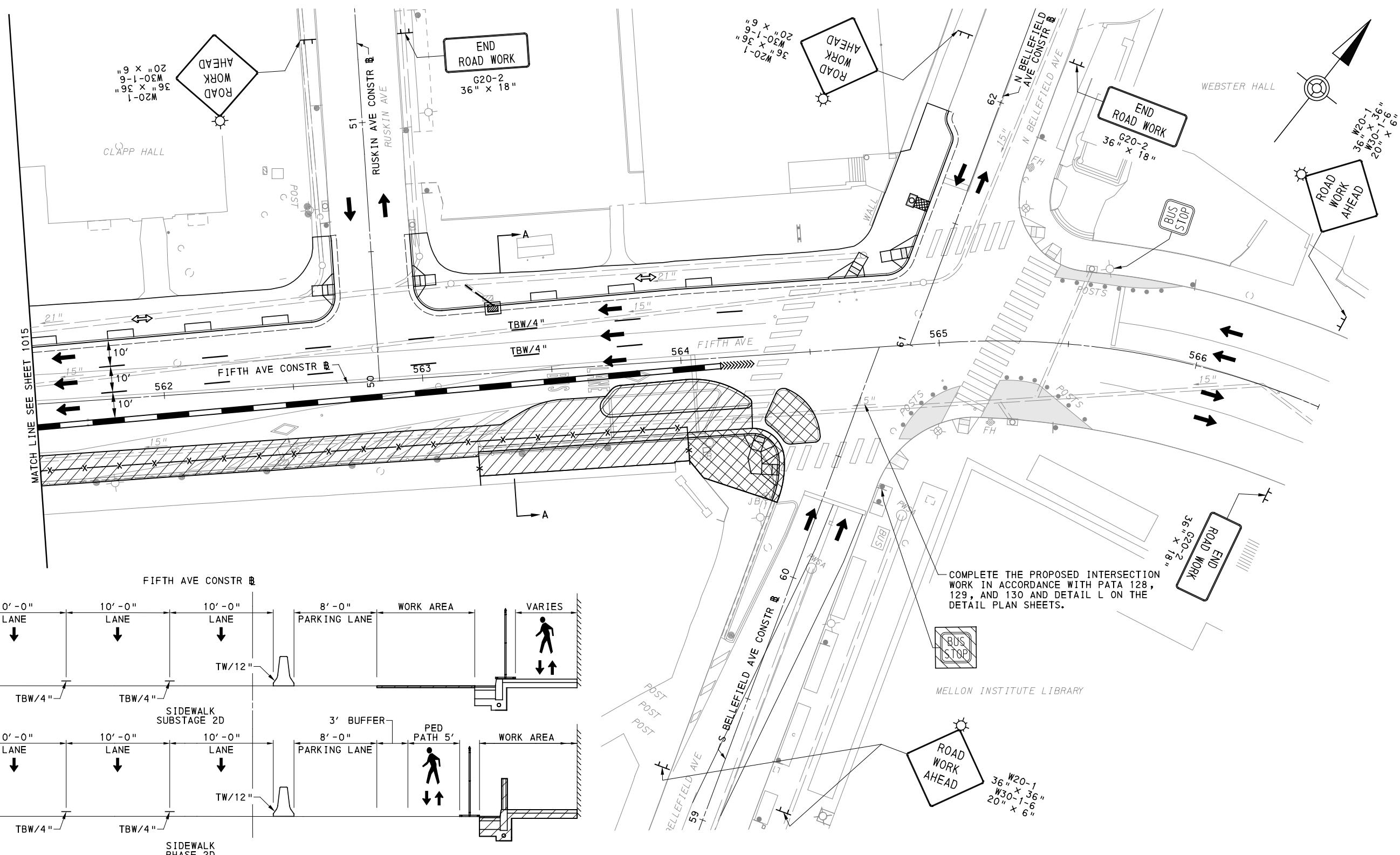
DESIGNED	GM
DRAWN	MRM/FJC
CHECKED	GM
IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA
BUS RAPID TRANSIT UPTOWN TO OAKLAND
 MAINTENANCE & PROTECTION OF TRAFFIC PLANS
 PHASE 2D / FIFTH AVE - STA 555+50 TO STA 561+50

Port Authority connecting people to life™

CONTRACT NO. BRT-001
 DWG. NO. MT102 SHT. 1015

[FOR ROADWAY PLAN SEE SHEET 381]



OAKLAND SECTION - FIFTH AVE
PHASE 2 - STAGE D
SHEET 5 OF 5

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707 Grant Street
5th Floor
Pittsburgh, PA 15219

NO.	DATE	DESCRIPTION
REVISIONS		

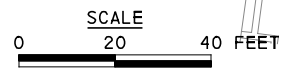
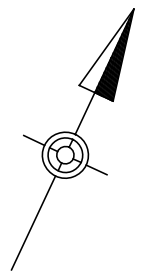
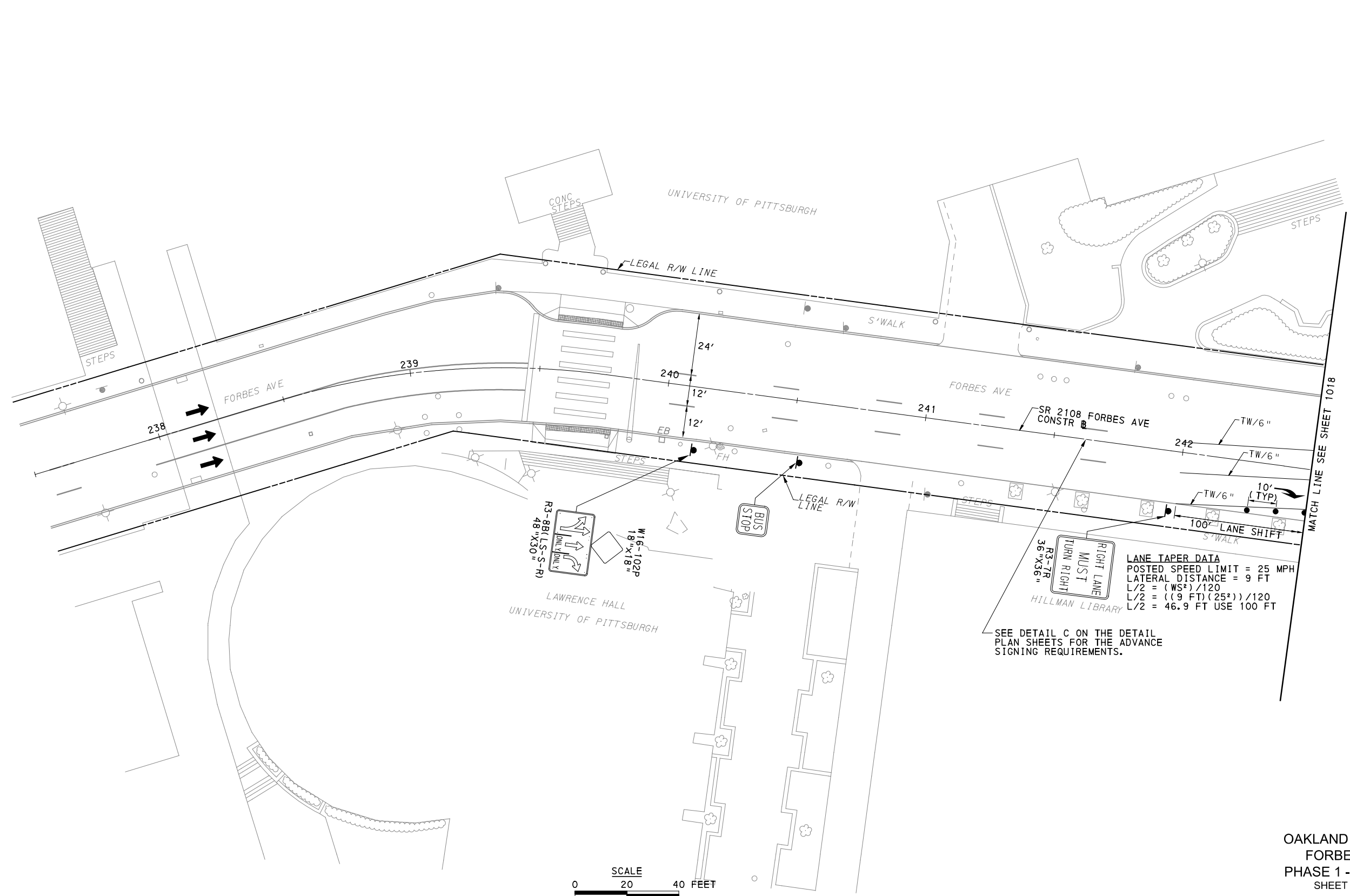
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IN CHARGE	JKM
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2D / FIFTH AVE - STA 561+50 TO STA 566+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT103 SHT. 1016

[FOR ROADWAY PLAN SEE SHEET NA



OAKLAND SECTION
FORBES AVE
PHASE 1 - STAGE A
SHEET 1 OF 3

FOR ROADWAY PLAN SEE SHEET 1018

AECOM
Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

GANNETT FLEMING
GANNETT FLEMING, INC.
Foster Plaza 8
Suite 400
730 Holiday Drive
Pittsburgh, PA. 15220

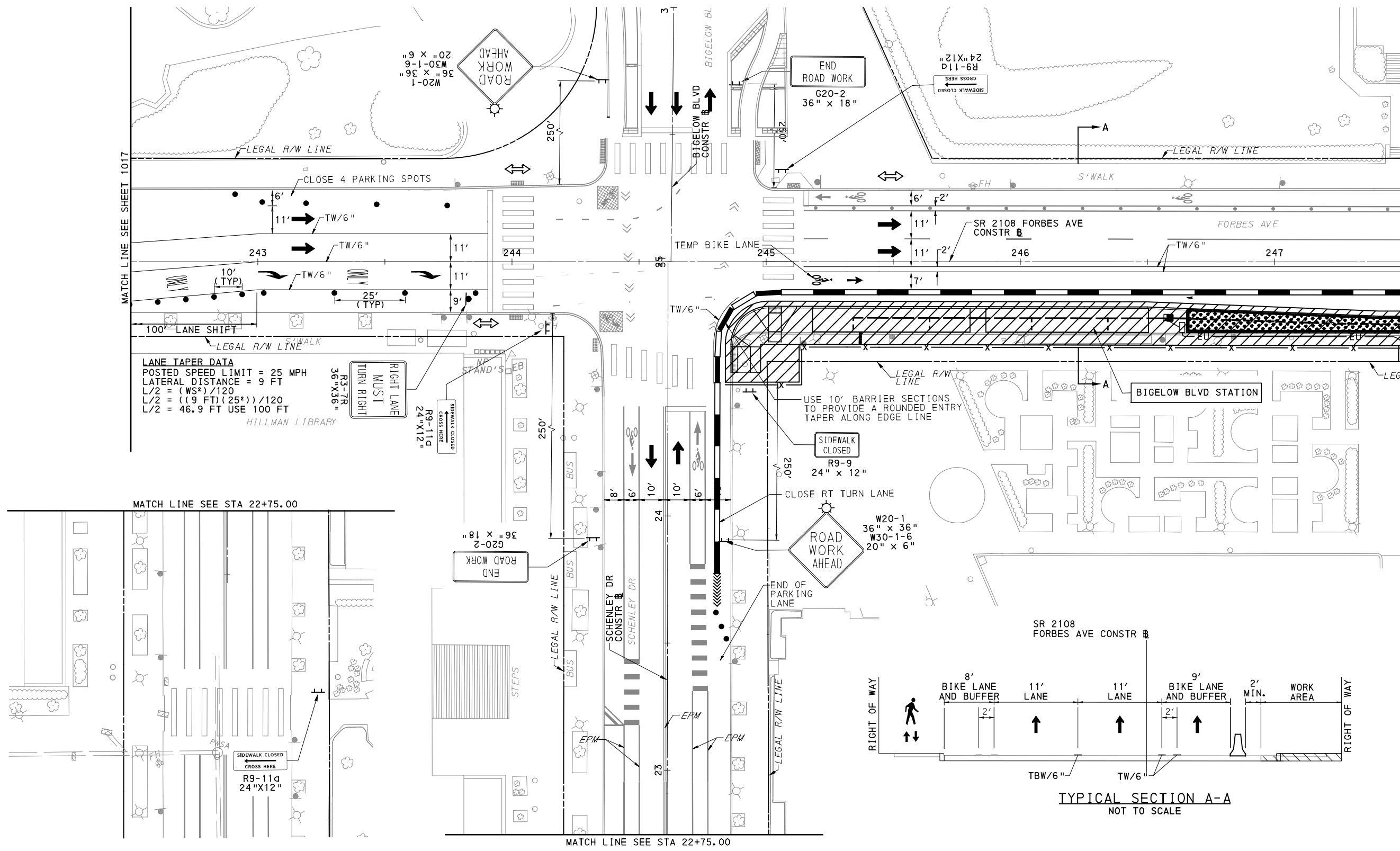
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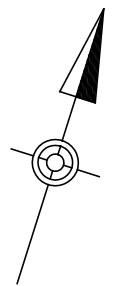
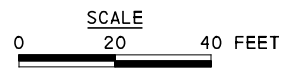
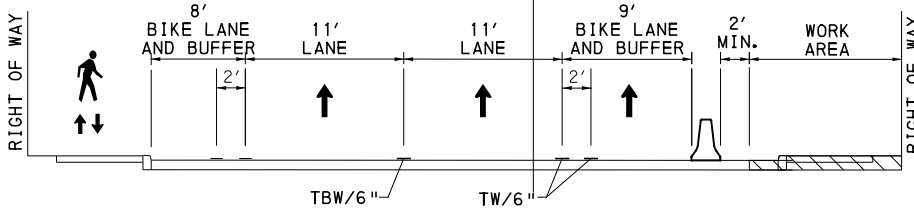
(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 237+50 TO STA 242+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT104
	SHT. 1017



LANE TAPER DATA
 POSTED SPEED LIMIT = 25 MPH
 LATERAL DISTANCE = 9 FT
 $L/2 = (WS^2)/120$
 $L/2 = ((9 FT)(25^2))/120$
 $L/2 = 46.9 FT$ USE 100 FT



OAKLAND SECTION
 FORBES AVE
 PHASE 1 - STAGE A
 SHEET 2 OF 3

FOR ROADWAY PLAN SEE SHEET 401

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

GANNETT FLEMING
 GANNETT FLEMING, INC.
 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

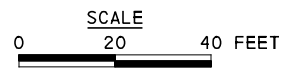
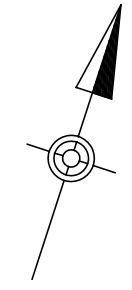
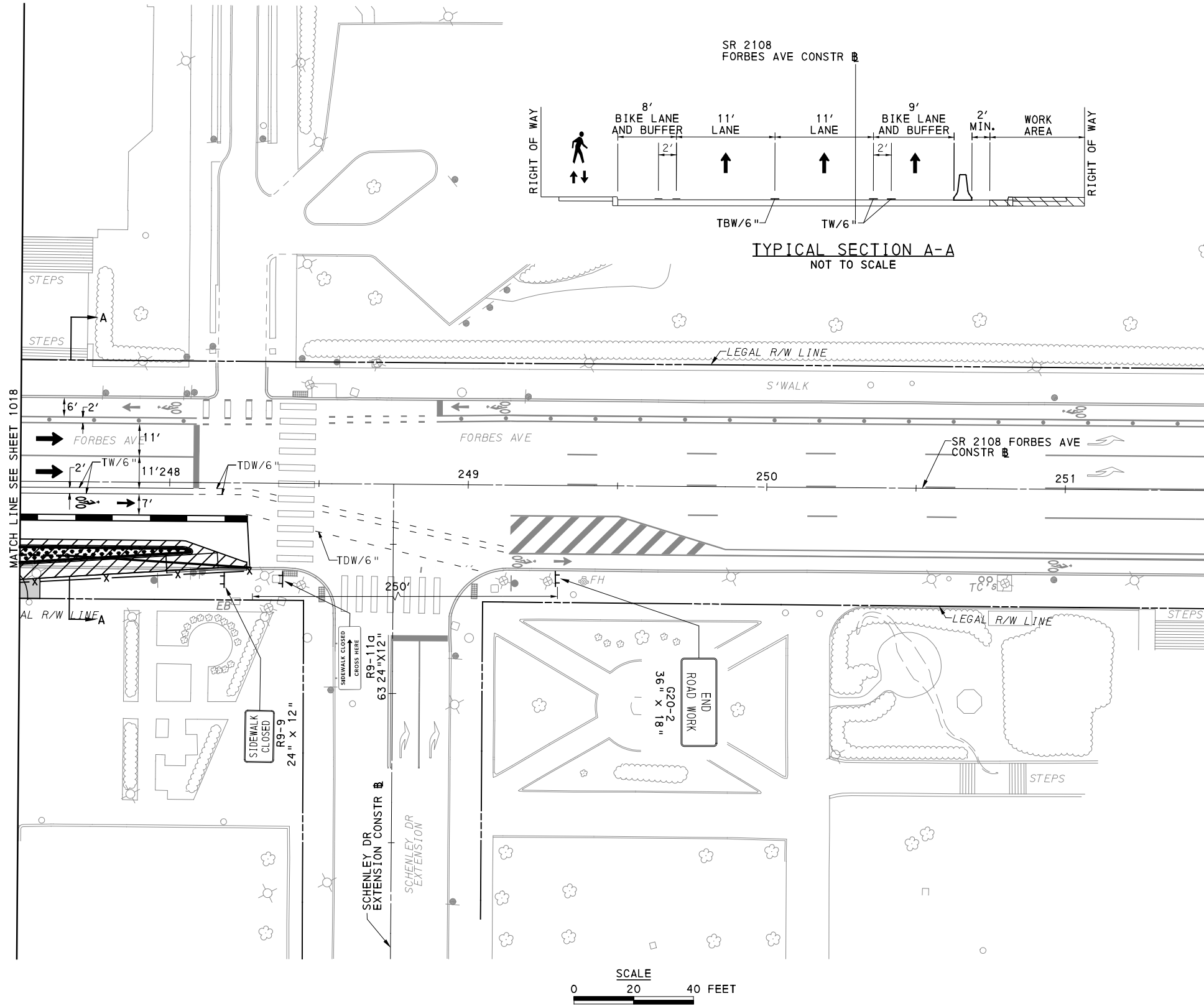
NO.	DATE	DESCRIPTION
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(NOT FOR CONSTRUCTION)

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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 242+50 TO STA 247+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT105 SHT. 1018



OAKLAND SECTION
 FORBES AVE
 PHASE 1 - STAGE A
 SHEET 3 OF 3

[FOR ROADWAY PLAN SEE SHEET 402]

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

GANNETT FLEMING
 GANNETT FLEMING, INC.
 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

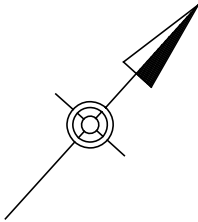
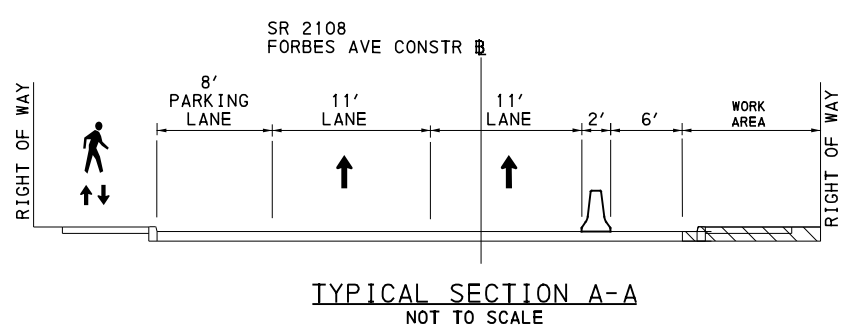
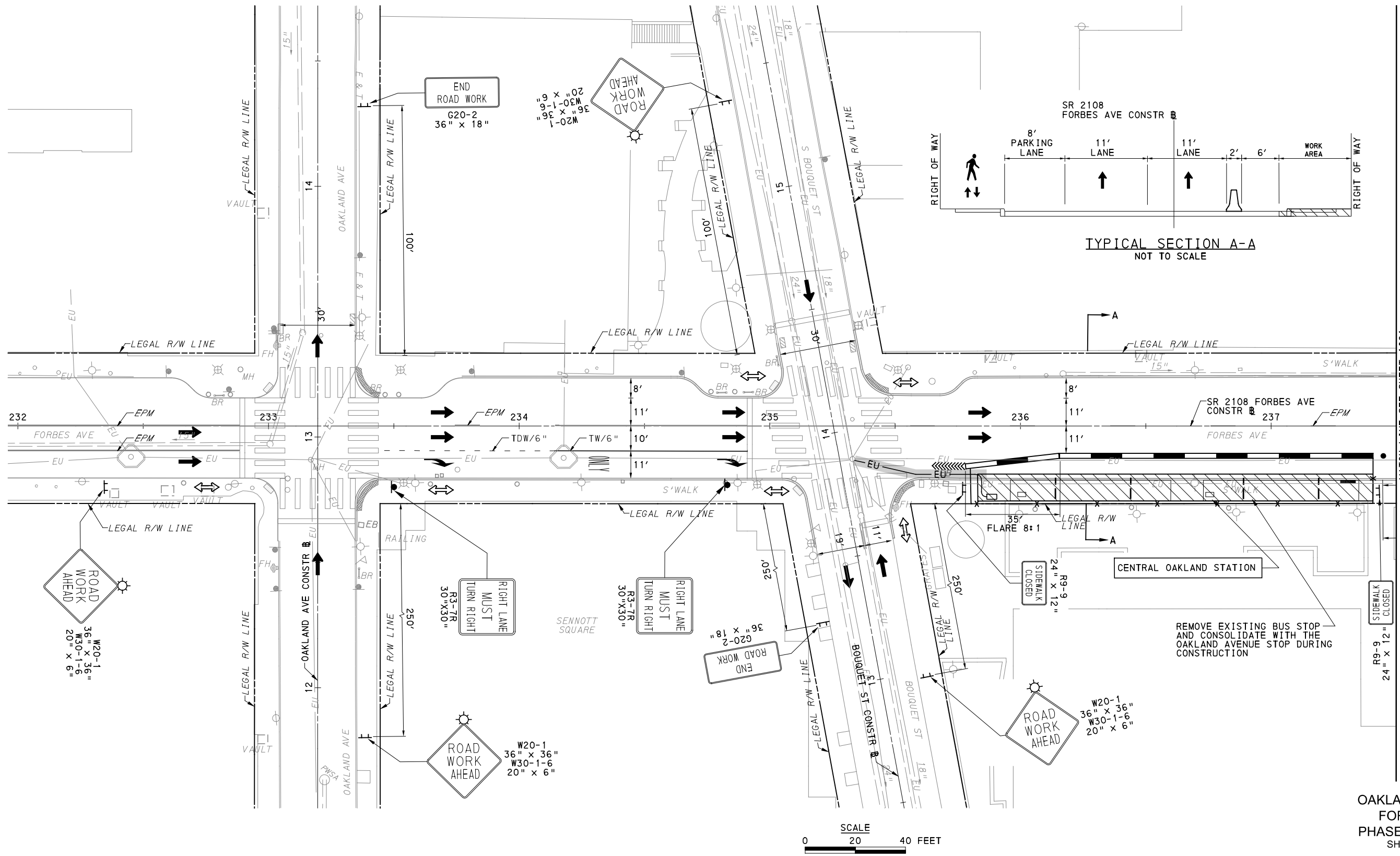
NO.	DATE	DESCRIPTION
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IN CHARGE	GEC
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 247+50 TO STA 251+50		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT106	SHT. 1019



**OAKLAND SECTION
FORBES AVE
PHASE 1 - STAGE B
SHEET 1 OF 2**

(FOR ROADWAY PLAN SEE SHEET 399)

AECOM
Gulf Tower
707 Grant Street
5th Floor
Pittsburgh, PA 15219

GANNETT FLEMING
GANNETT FLEMING, INC.
Foster Plaza 8
Suite 400
730 Holiday Drive
Pittsburgh, PA. 15220

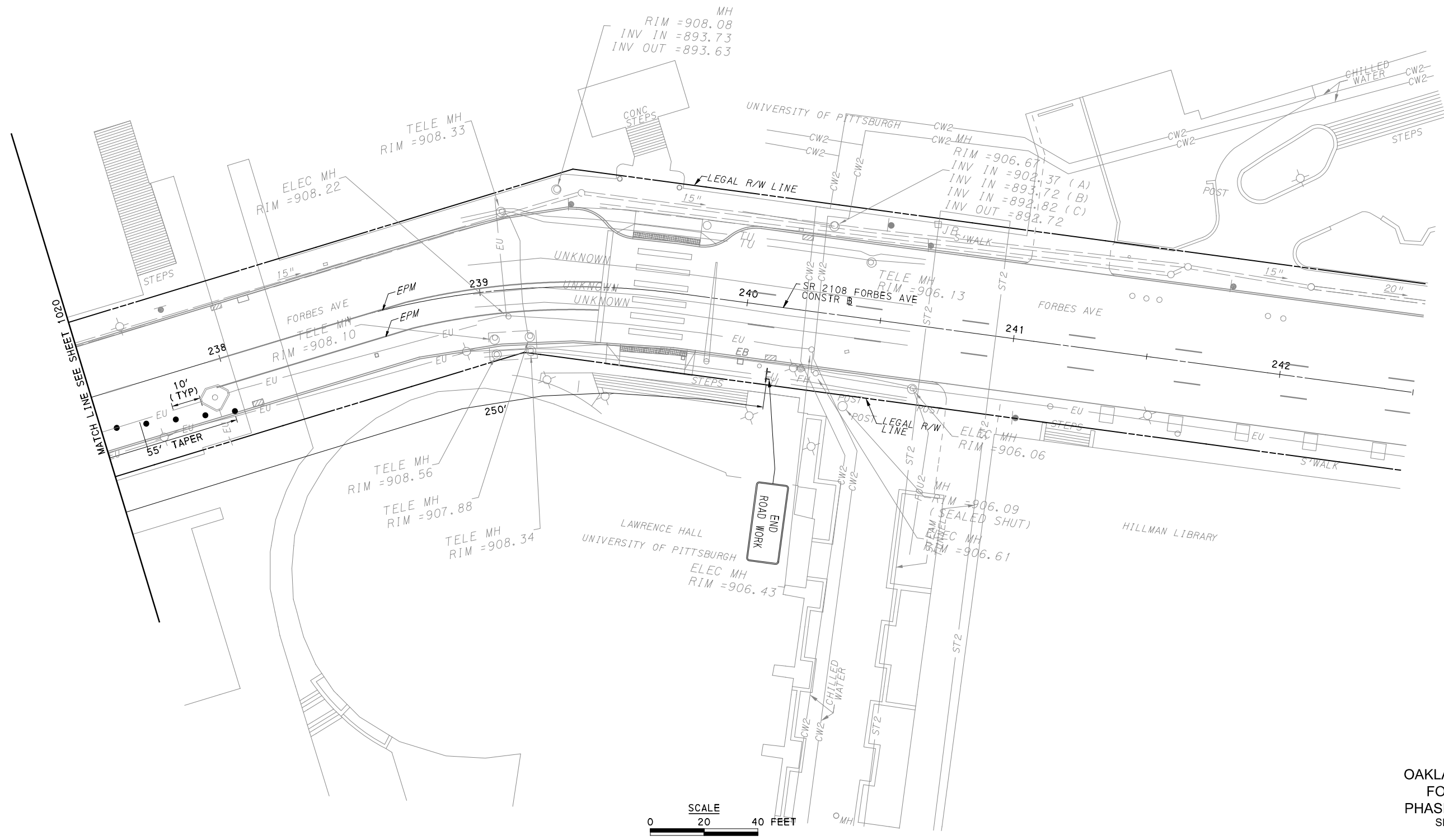
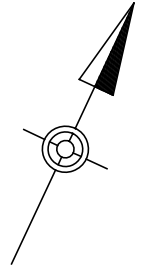
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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 232+00 TO STA 237+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT107	SHT. 1020



OAKLAND SECTION
FORBES AVE
PHASE 1 - STAGE B
SHEET 2 OF 2

[FOR ROADWAY PLAN SEE SHEET 1020]

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707 Grant Street
5th Floor
Pittsburgh, PA 15219

GANNETT FLEMING
GANNETT FLEMING, INC.
Foster Plaza 8
Suite 400
730 Holiday Drive
Pittsburgh, PA. 15220

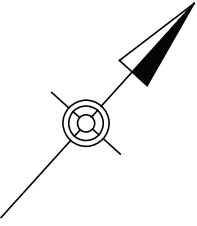
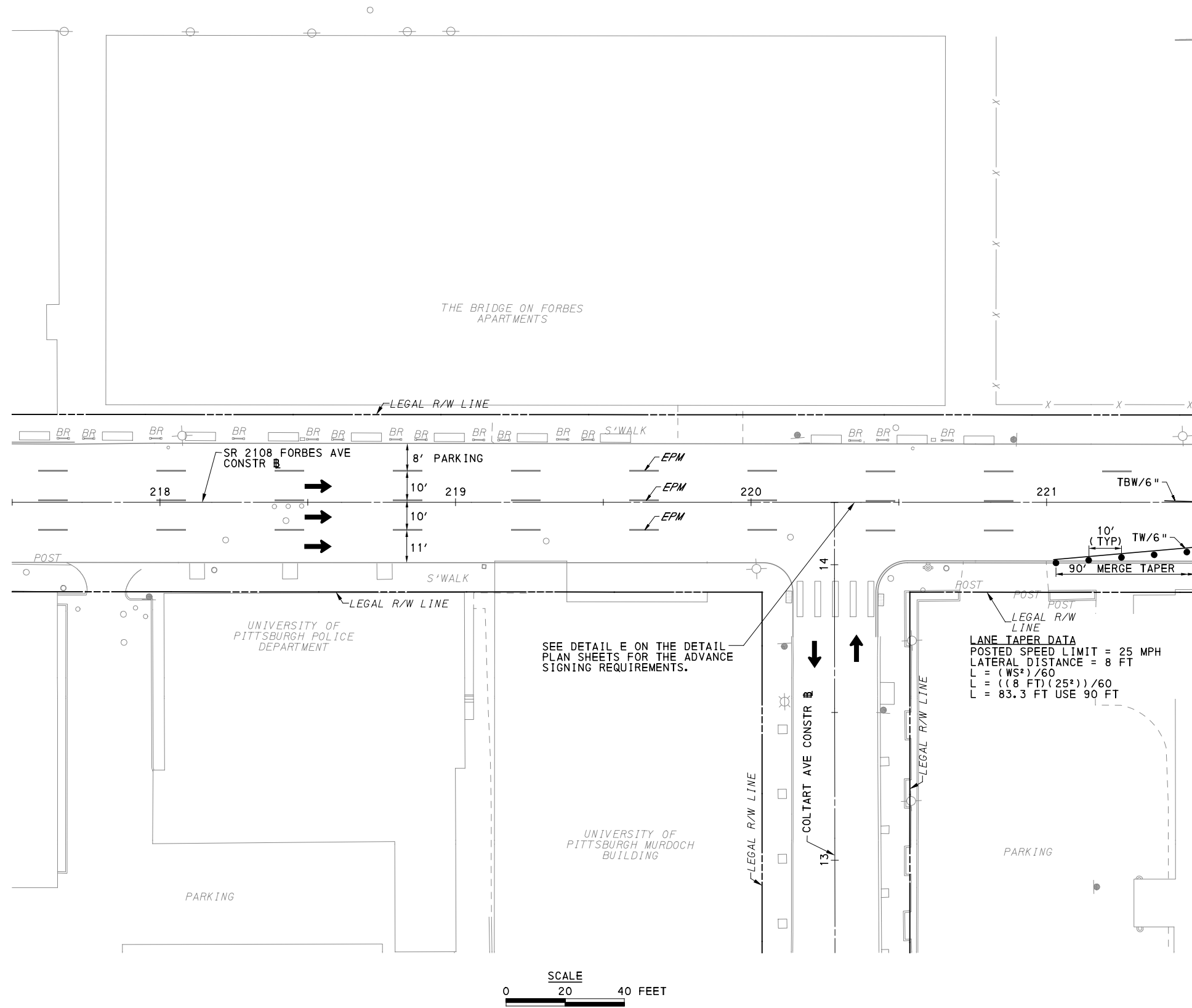
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REVISIONS		

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DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 237+50 TO STA 242+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT108	SHT. 1021



MATCH LINE SEE SHEET 1023

OAKLAND SECTION
 FORBES AVE
 PHASE 1 - STAGE C
 SHEET 1 OF 2

FOR ROADWAY PLAN SEE SHEET NA



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 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219



GANNETT FLEMING, INC.
 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

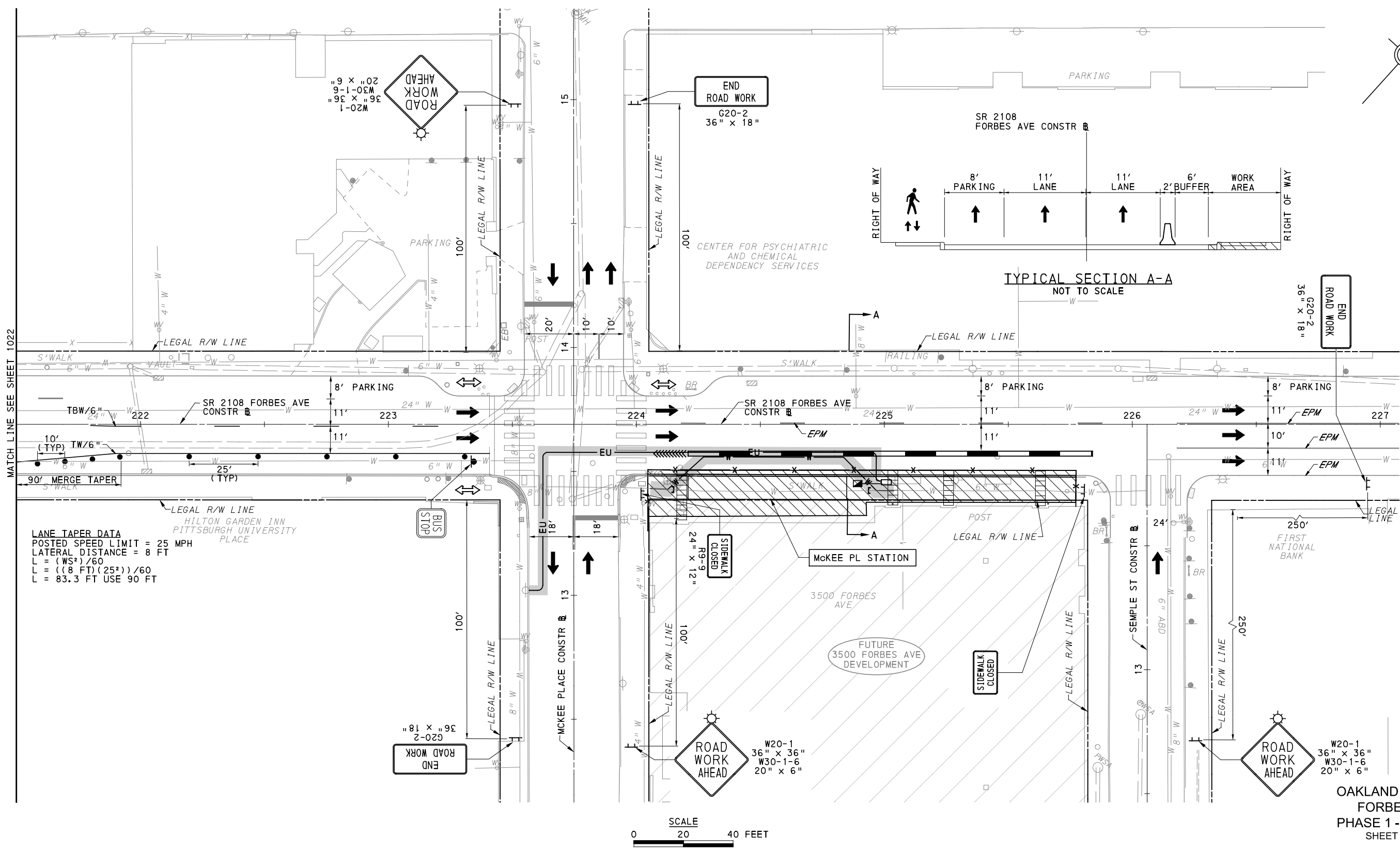
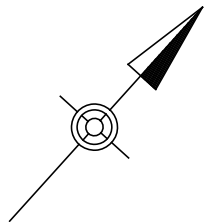
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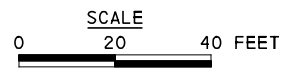
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IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 217+50 TO STA 221+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT109	SHT. 1022



LANE TAPER DATA
 POSTED SPEED LIMIT = 25 MPH
 LATERAL DISTANCE = 8 FT
 $L = (WS^2)/60$
 $L = ((8 \text{ FT})(25^2))/60$
 $L = 83.3 \text{ FT USE } 90 \text{ FT}$



OAKLAND SECTION
 FORBES AVE
 PHASE 1 - STAGE C
 SHEET 2 OF 2

FOR ROADWAY PLAN SEE SHEET 397

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 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

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 GANNETT FLEMING, INC.
 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

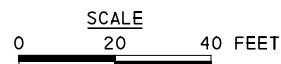
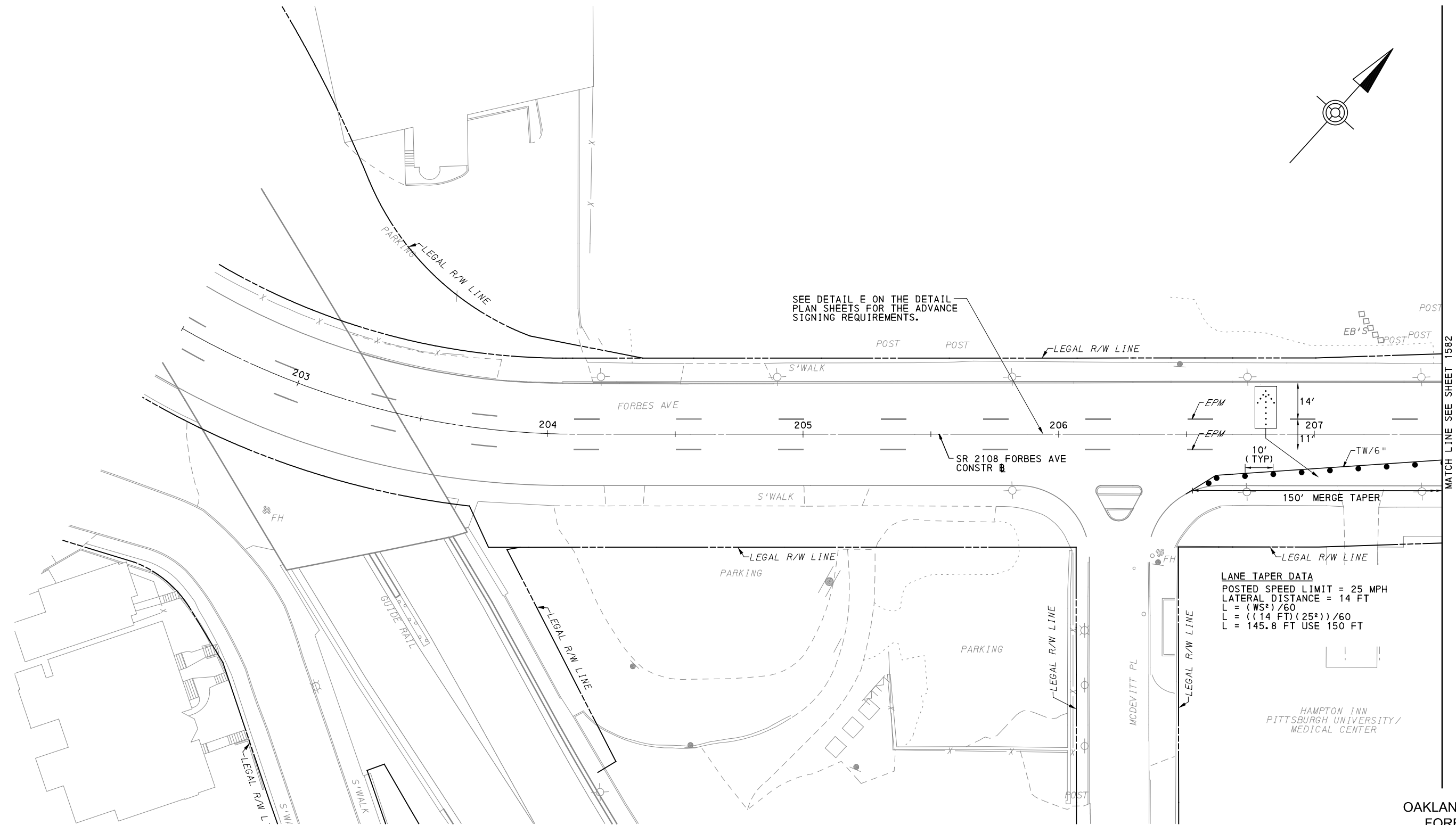
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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 221+50 TO STA 227+00	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT110 SHT. 1023



OAKLAND SECTION
 FORBES AVE
 PHASE 1 - STAGE D
 SHEET 1 OF 3

[FOR ROADWAY PLAN SEE SHEET NA



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 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219



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 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

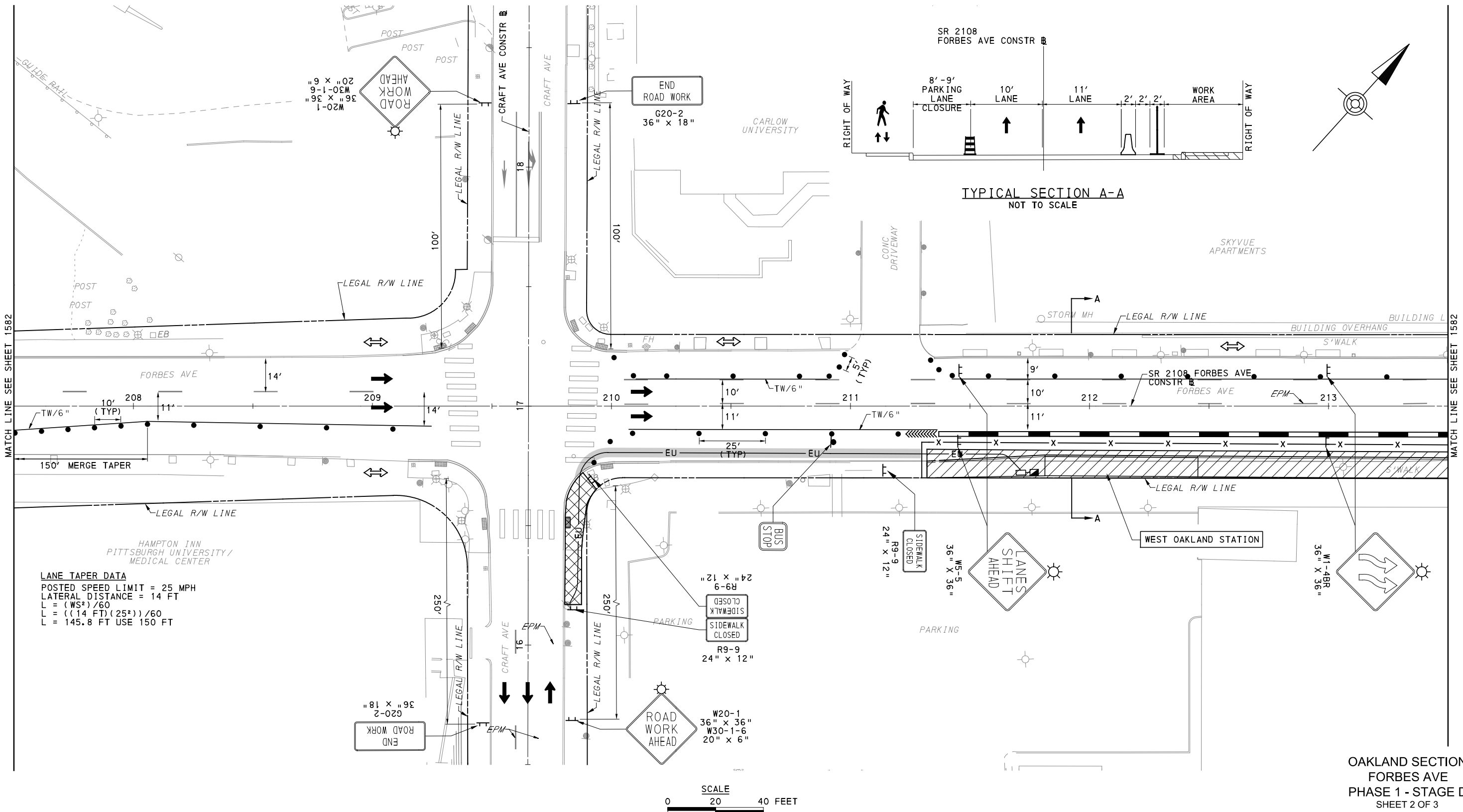
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CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FORBES AVE - STA 202+50 TO STA 207+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT111 SHT. 1024



OAKLAND SECTION
 FORBES AVE
 PHASE 1 - STAGE D
 SHEET 2 OF 3

FOR ROADWAY PLAN SEE SHEET 395



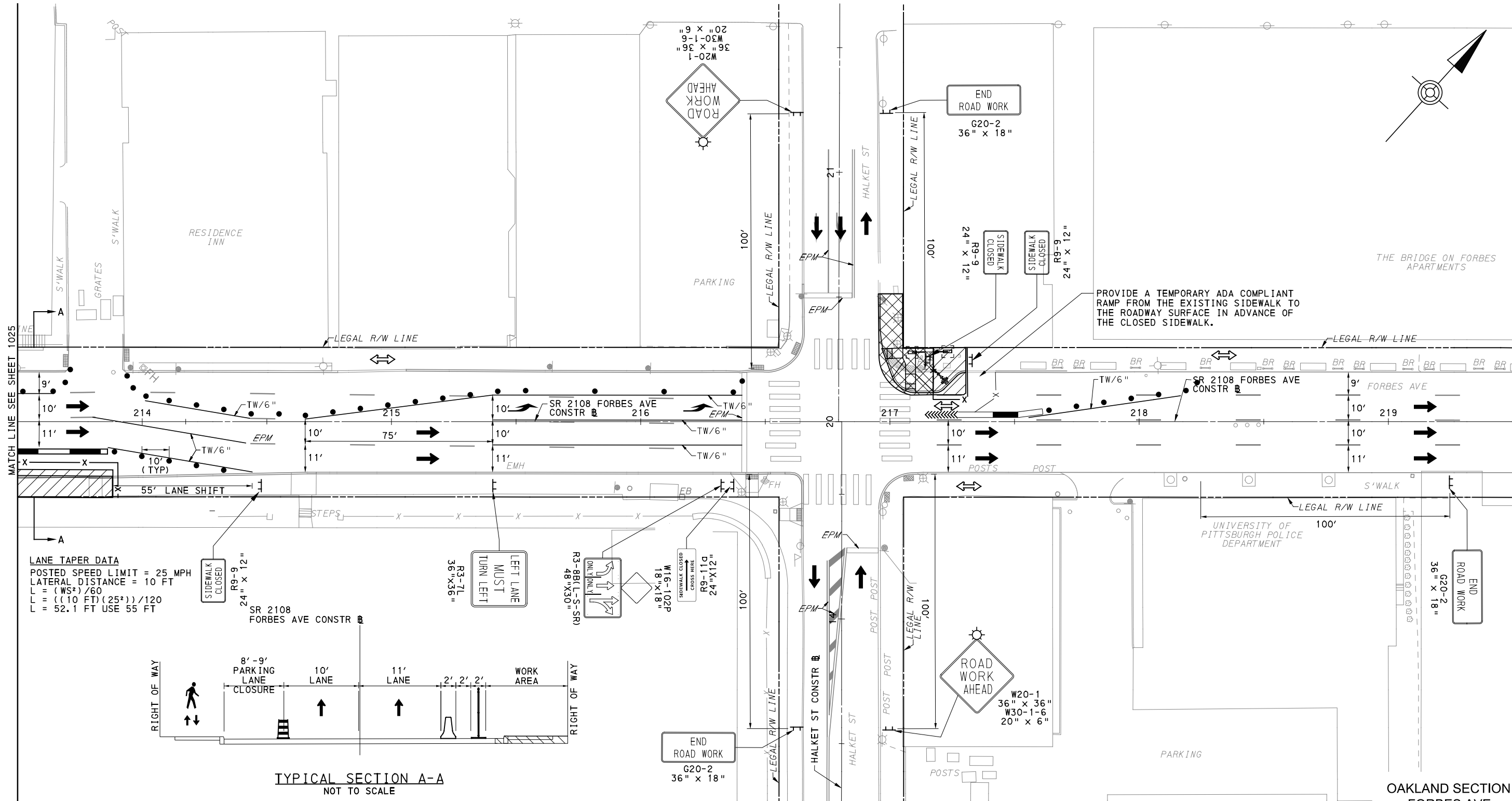
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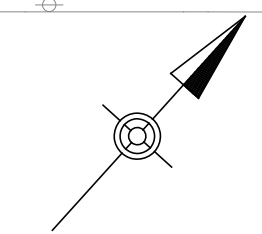
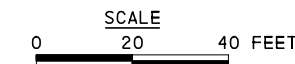
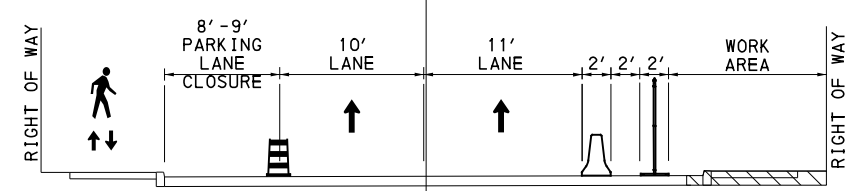
(NOT FOR CONSTRUCTION)

DESIGNED	RRH
DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FORBES AVE - STA 207+50 TO STA 213+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT112 SHT. 1025



LANE TAPER DATA
 POSTED SPEED LIMIT = 25 MPH
 LATERAL DISTANCE = 10 FT
 $L = (WS^2)/60$
 $L = ((10 FT)(25^2))/120$
 $L = 52.1 FT$ USE 55 FT



OAKLAND SECTION
 FORBES AVE
 PHASE 1 - STAGE D
 SHEET 3 OF 3

FOR ROADWAY PLAN SEE SHEET 396

AECOM
 Gulf Tower
 707 Grant Street
 5th Floor
 Pittsburgh, PA 15219

GANNETT FLEMING
 GANNETT FLEMING, INC.
 Foster Plaza 8
 Suite 400
 730 Holiday Drive
 Pittsburgh, PA. 15220

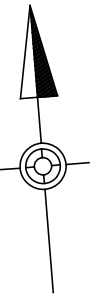
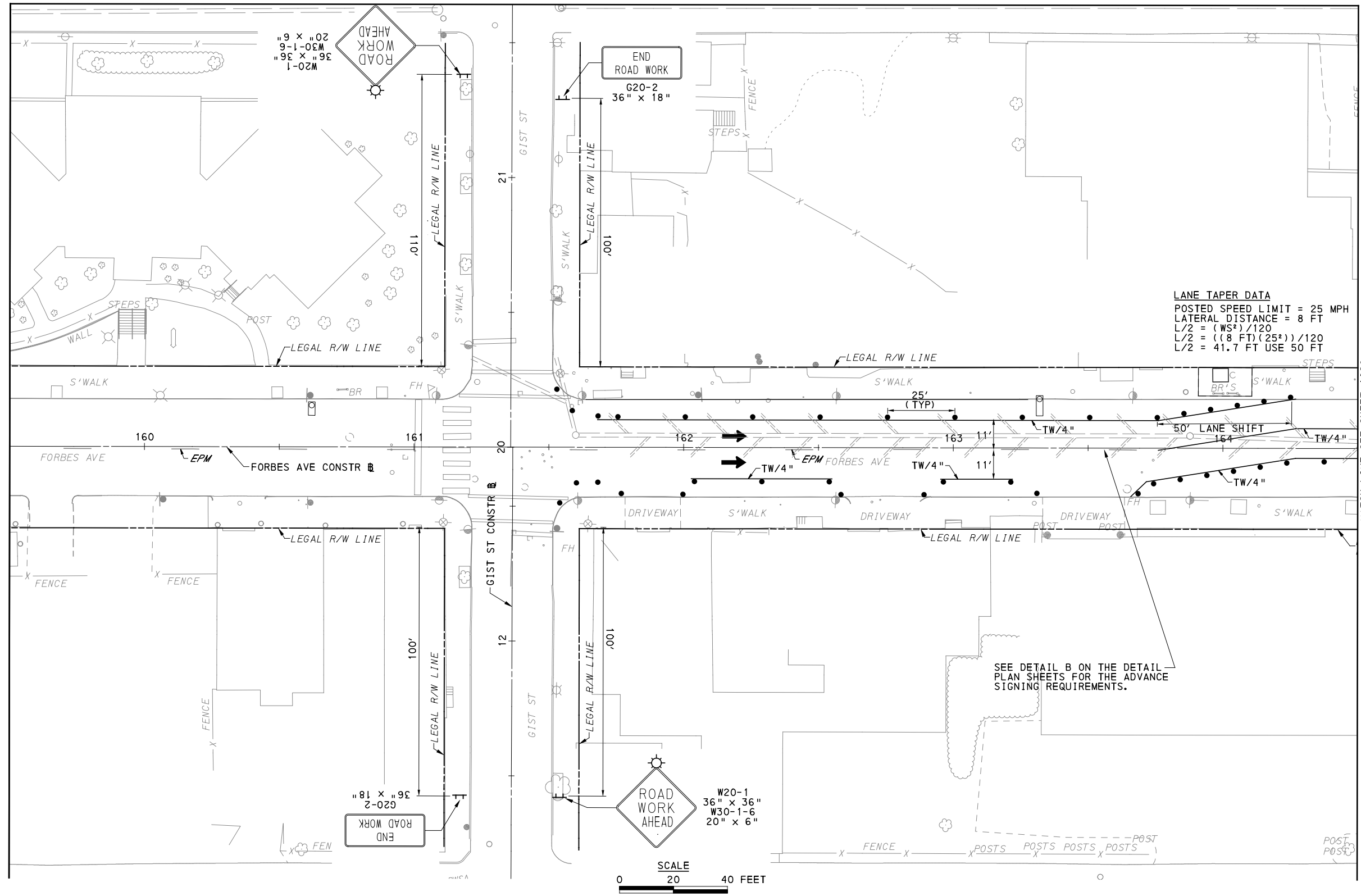
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DESIGNED	RRH
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IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1D / FORBES AVE - STA 213+50 TO STA 217+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT113 SHT. 1026



MATCH LINE SEE SHEET 1028

UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE A
SHEET 1 OF 5

FOR ROADWAY PLAN SEE SHEET 390

AECOM
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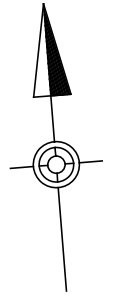
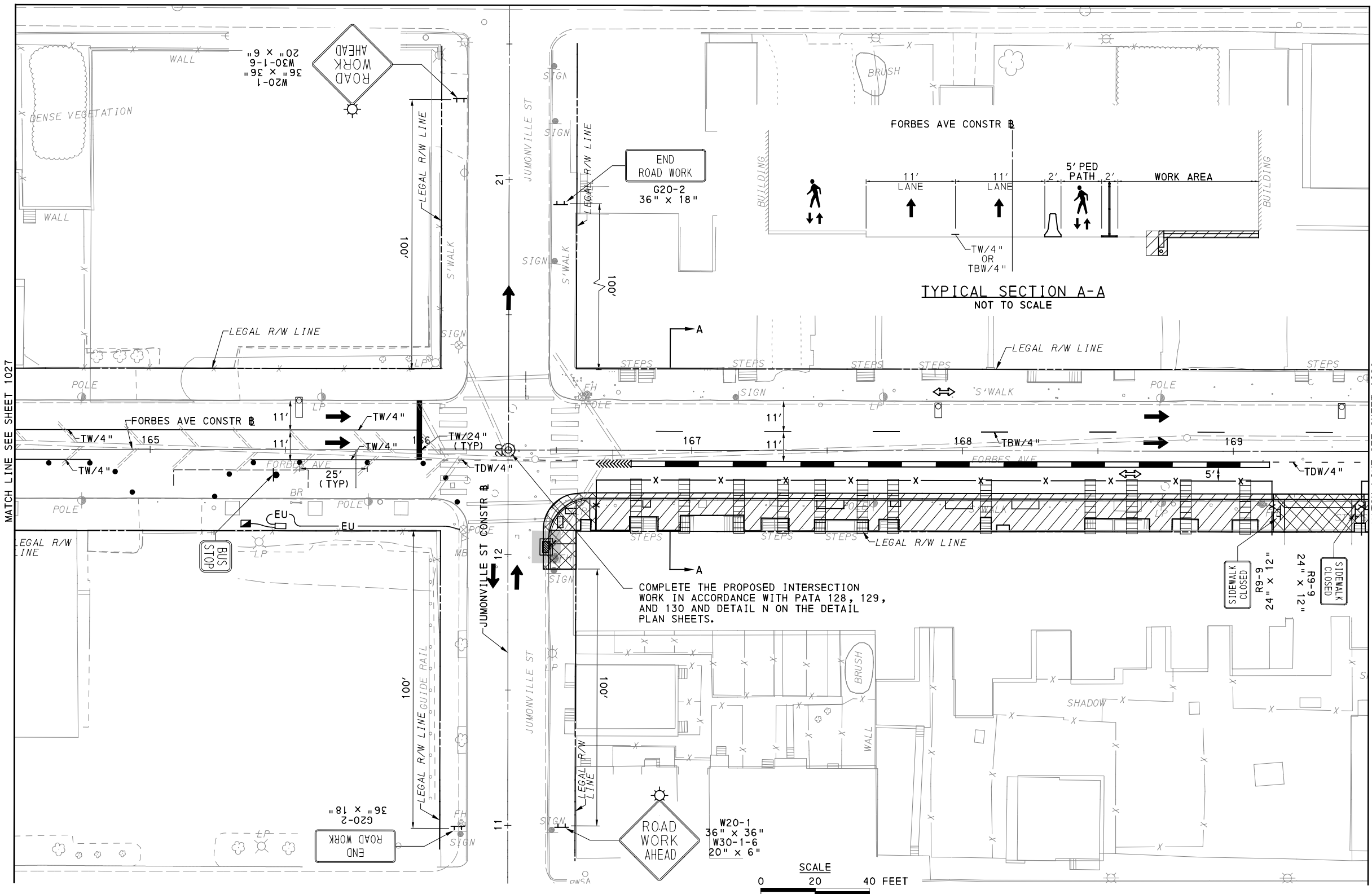
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(NOT FOR CONSTRUCTION)

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SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 159+50 TO STA 164+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT114 SHT. 1027



UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE A
SHEET 2 OF 5

[FOR ROADWAY PLAN SEE SHEET 391]

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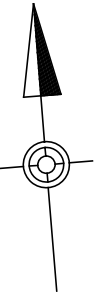
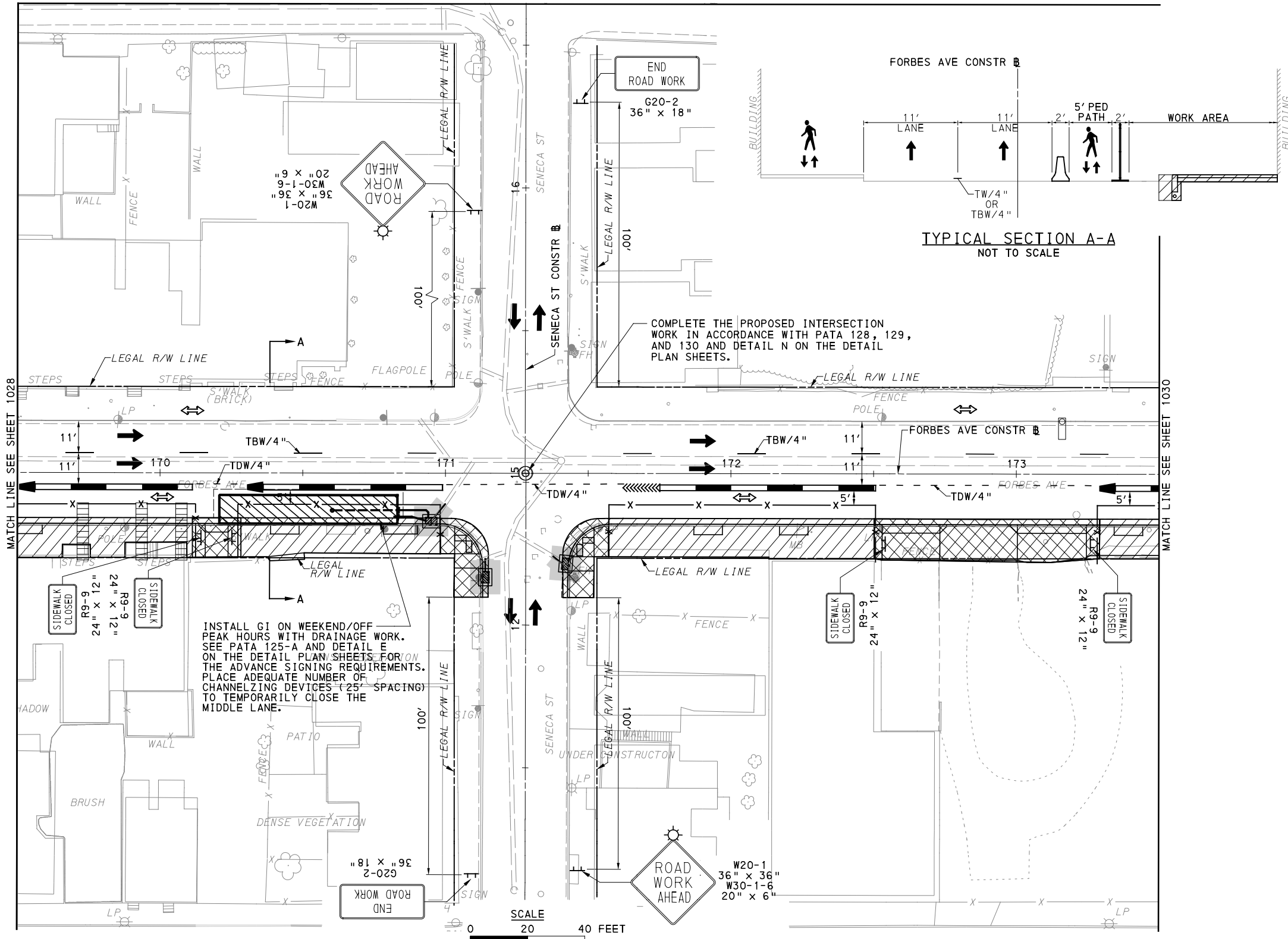
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 164+50 TO STA 169+50		
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT115	SHT. 1028



TYPICAL SECTION A-A
NOT TO SCALE

COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL N ON THE DETAIL PLAN SHEETS.

INSTALL G1 ON WEEKEND/OFF PEAK HOURS WITH DRAINAGE WORK. SEE PATA 125-A AND DETAIL E ON THE DETAIL PLAN SHEETS FOR THE ADVANCE SIGNING REQUIREMENTS. PLACE ADEQUATE NUMBER OF CHANNELIZING DEVICES (25' SPACING) TO TEMPORARILY CLOSE THE MIDDLE LANE.

SCALE
0 20 40 FEET

UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE A
SHEET 3 OF 5

FOR ROADWAY PLAN SEE SHEET 392

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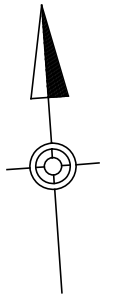
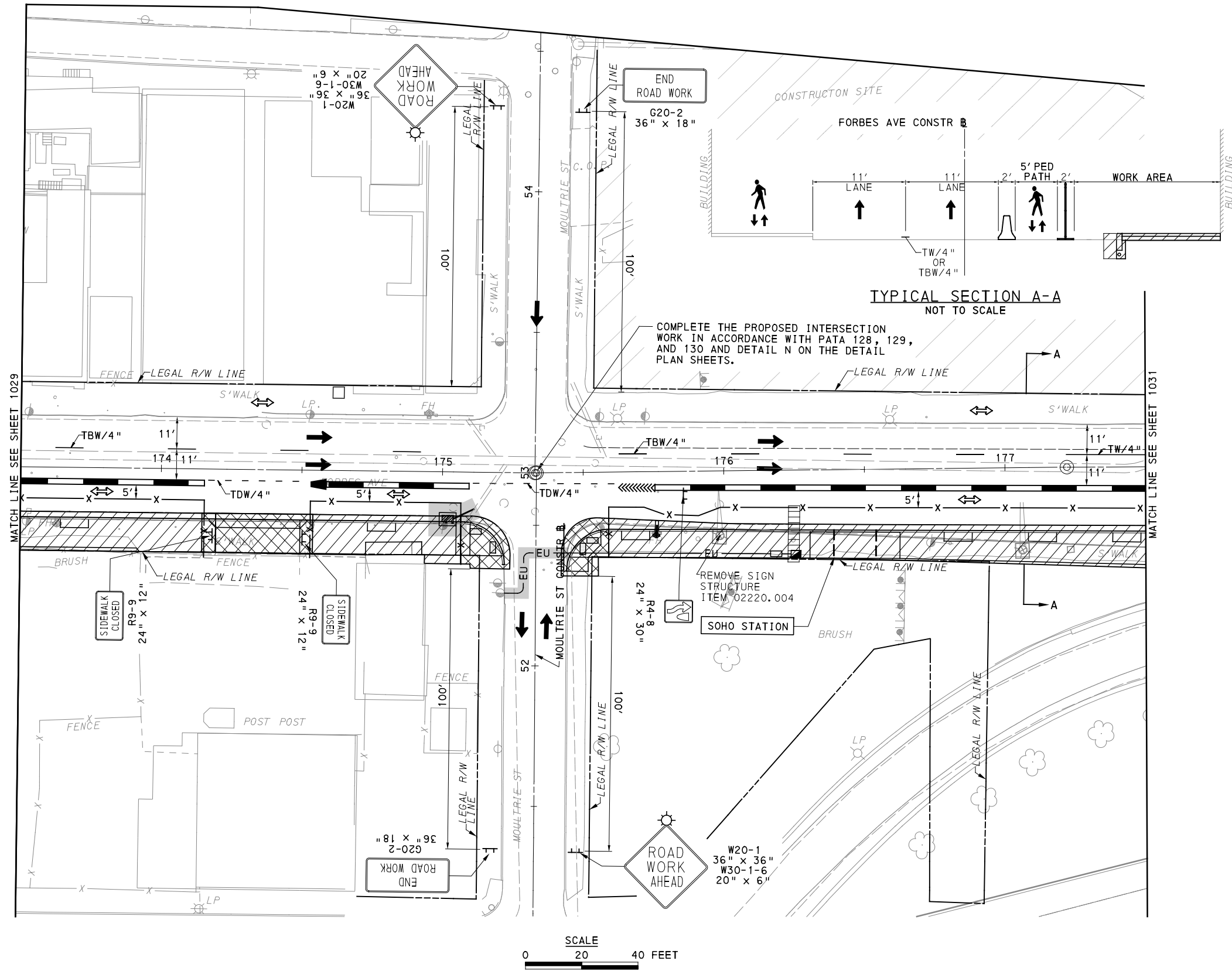
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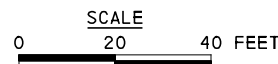
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1A / FORBES AVE - STA 169+50 TO STA 173+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT116	SHT. 1029



UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE A
SHEET 4 OF 5



[FOR ROADWAY PLAN SEE SHEET 393]

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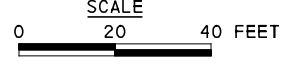
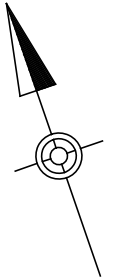
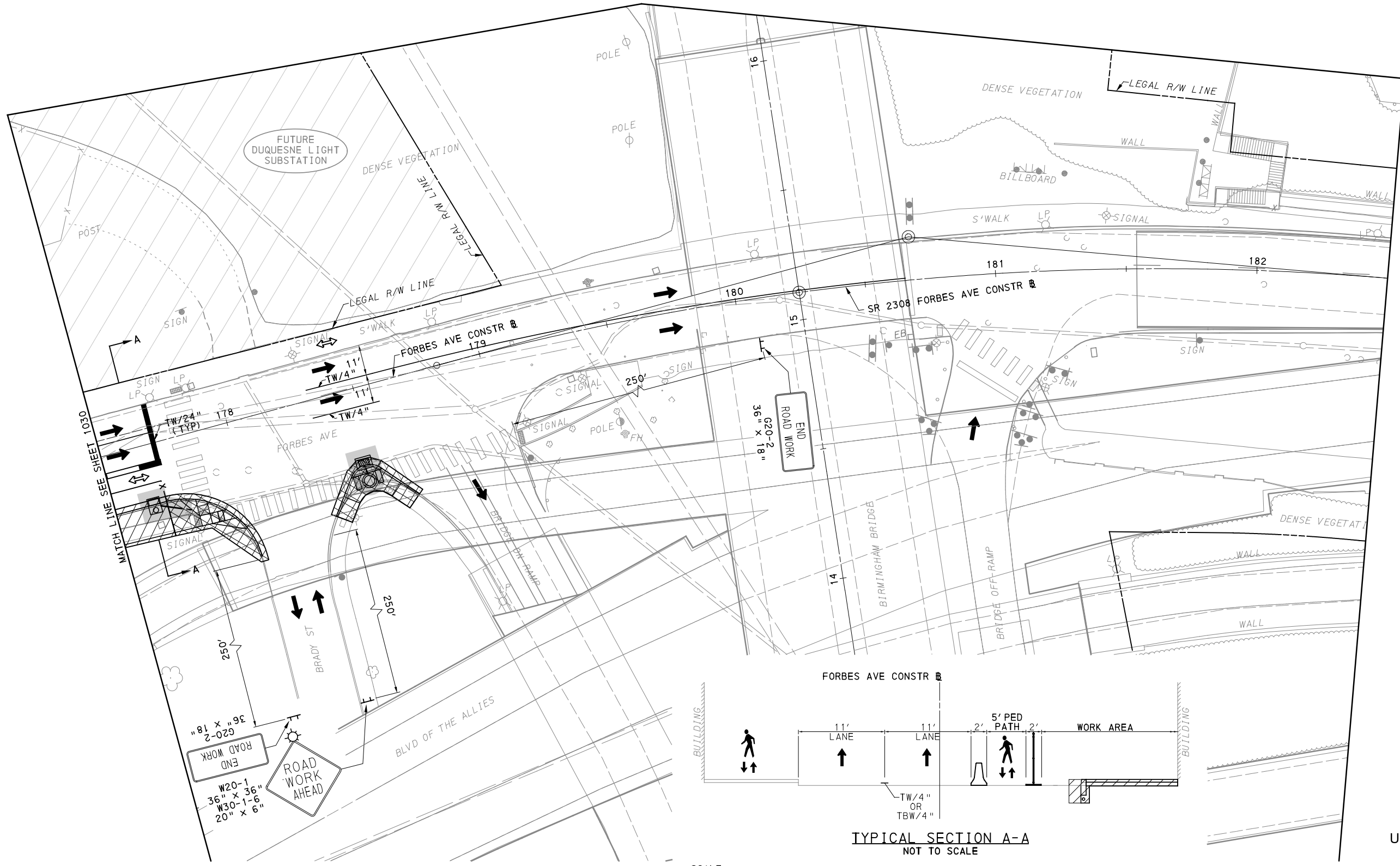
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT117	SHT. 1030



TYPICAL SECTION A-A
NOT TO SCALE

UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE A
SHEET 5 OF 5

[FOR ROADWAY PLAN SEE SHEET 394]

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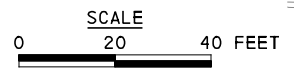
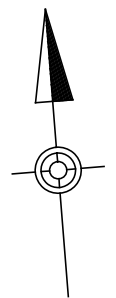
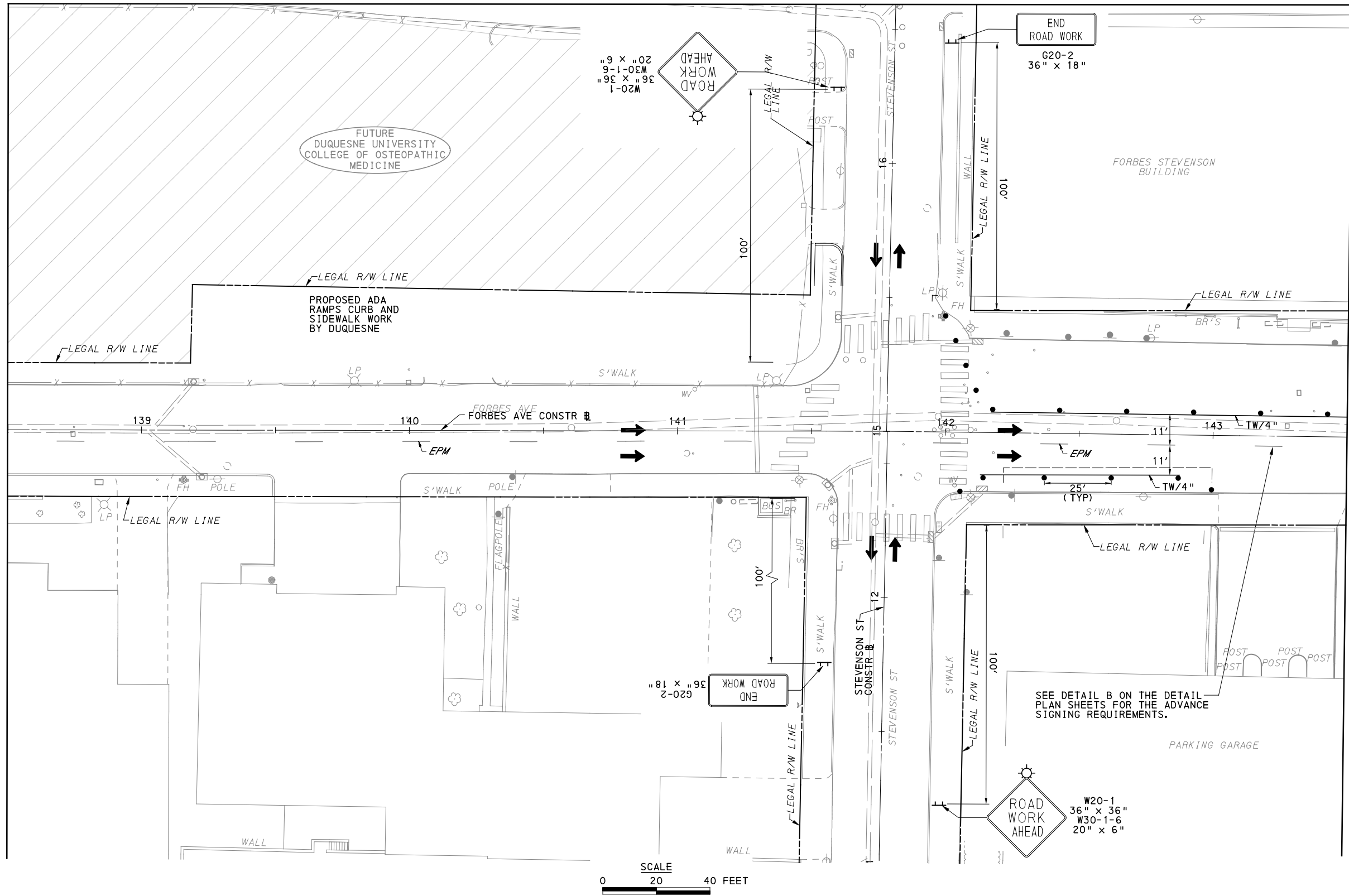
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT118 SHT. 1031



MATCH LINE SEE SHEET 1033

UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE B
SHEET 1 OF 6

FOR ROADWAY PLAN SEE SHEET 386

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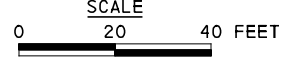
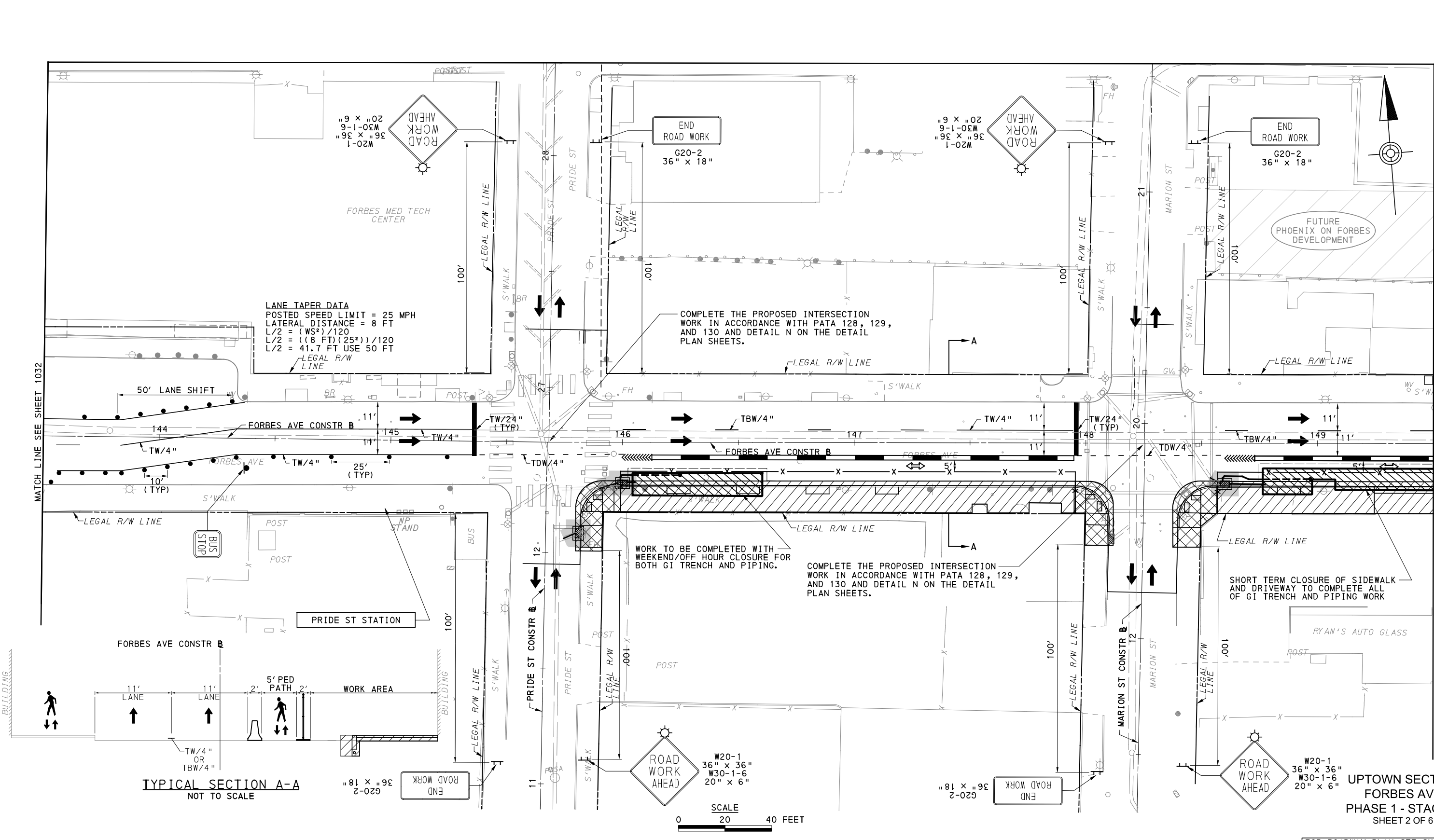
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 138+50 TO STA 143+50		
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	DWG. NO. MT119	SHT. 1032



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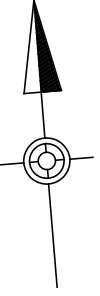
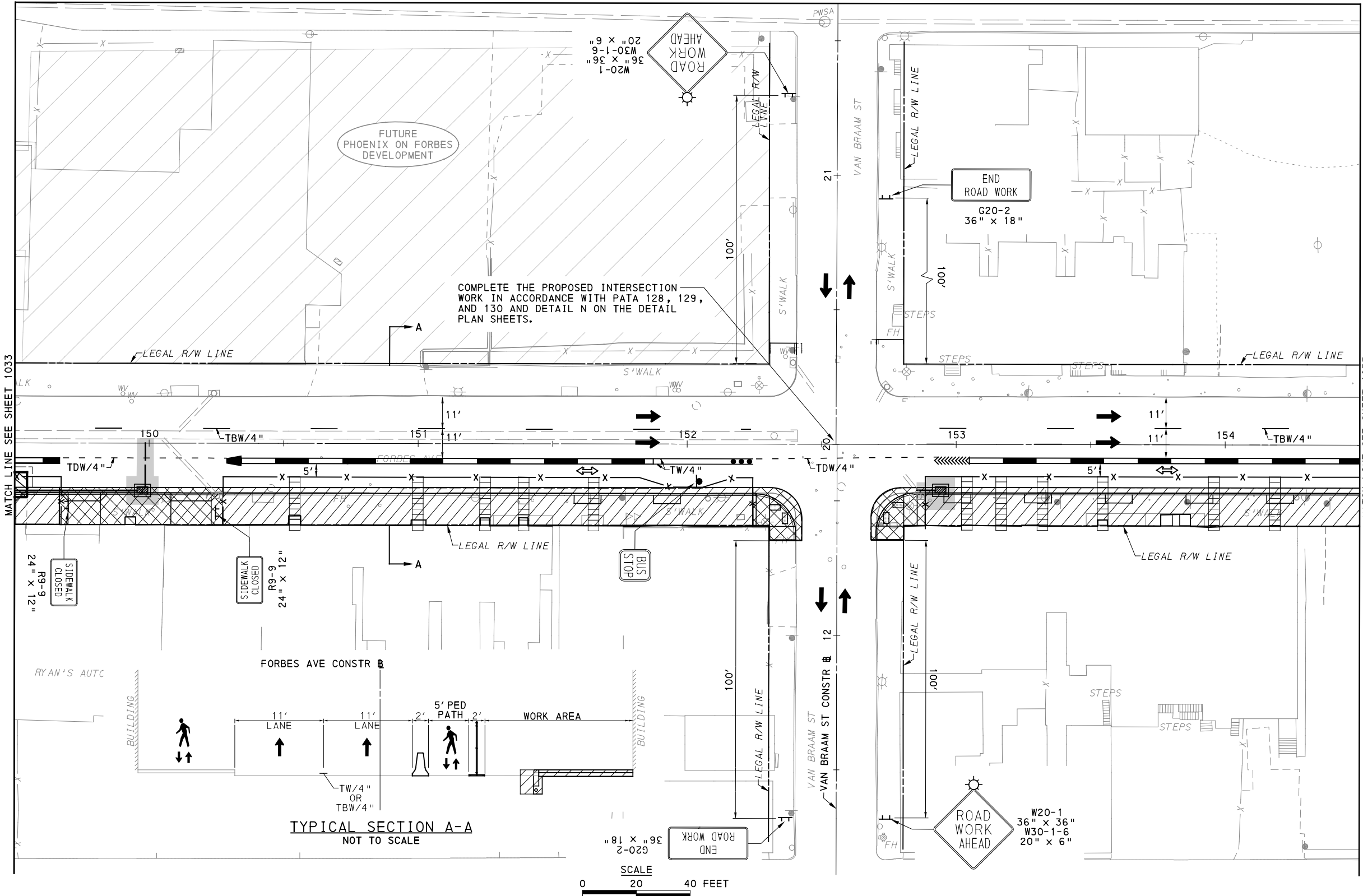
FOR ROADWAY PLAN SEE SHEET 387

PORT AUTHORITY OF ALLEGHENY COUNTY
 PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1B / FORBES AVE - STA 143+50 TO STA 149+50

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CONTRACT NO. BRT-001
 DWG. NO. MT120 SHT. 1033



UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE B
SHEET 3 OF 6

FOR ROADWAY PLAN SEE SHEET 388

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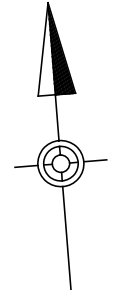
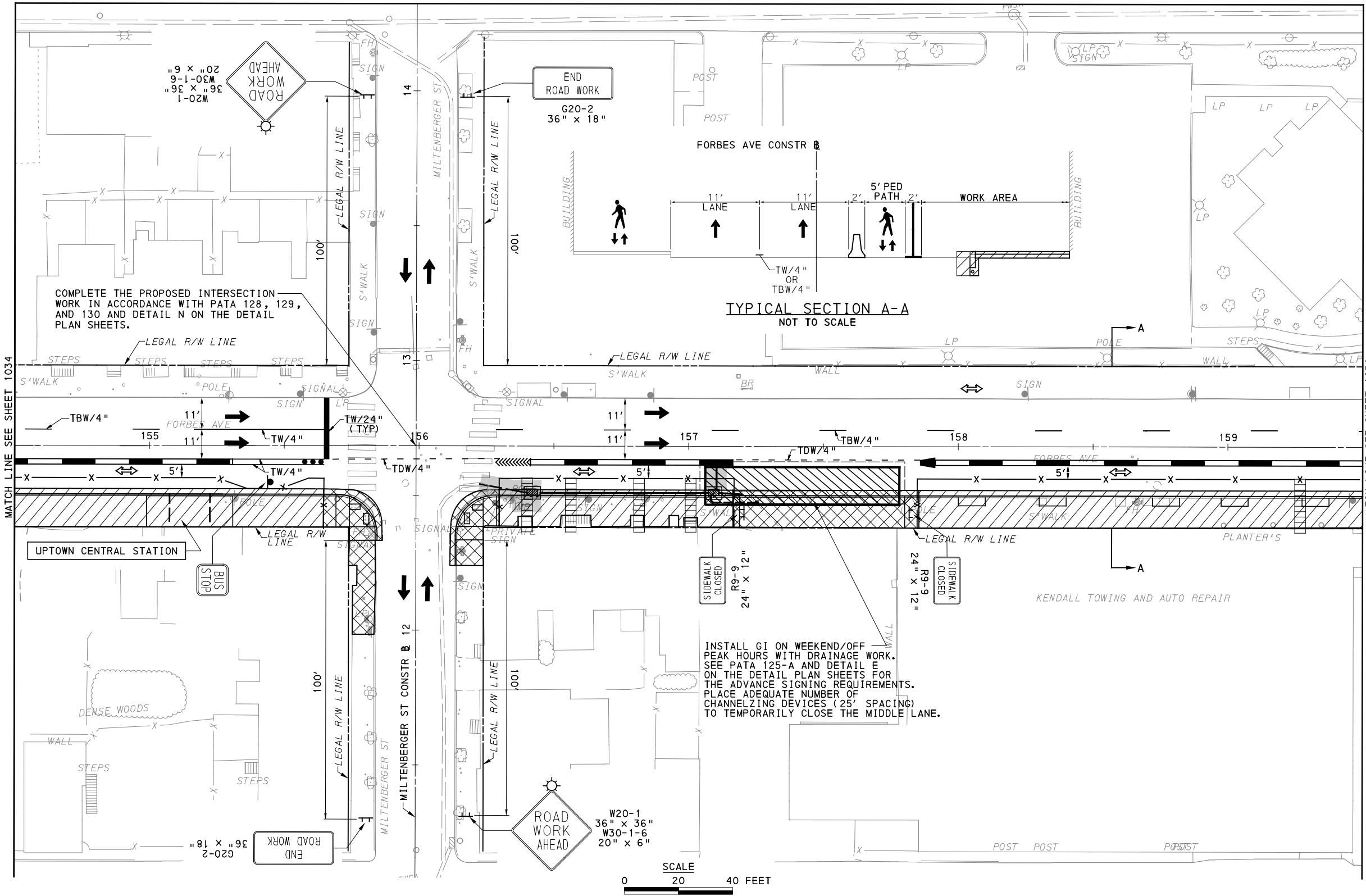
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 1B / FORBES AVE - STA 149+50 TO STA 154+50**

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CONTRACT NO. BRT-001
DWG. NO. MT121 SHT. 1034



UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE B
SHEET 4 OF 6

FOR ROADWAY PLAN SEE SHEET 389

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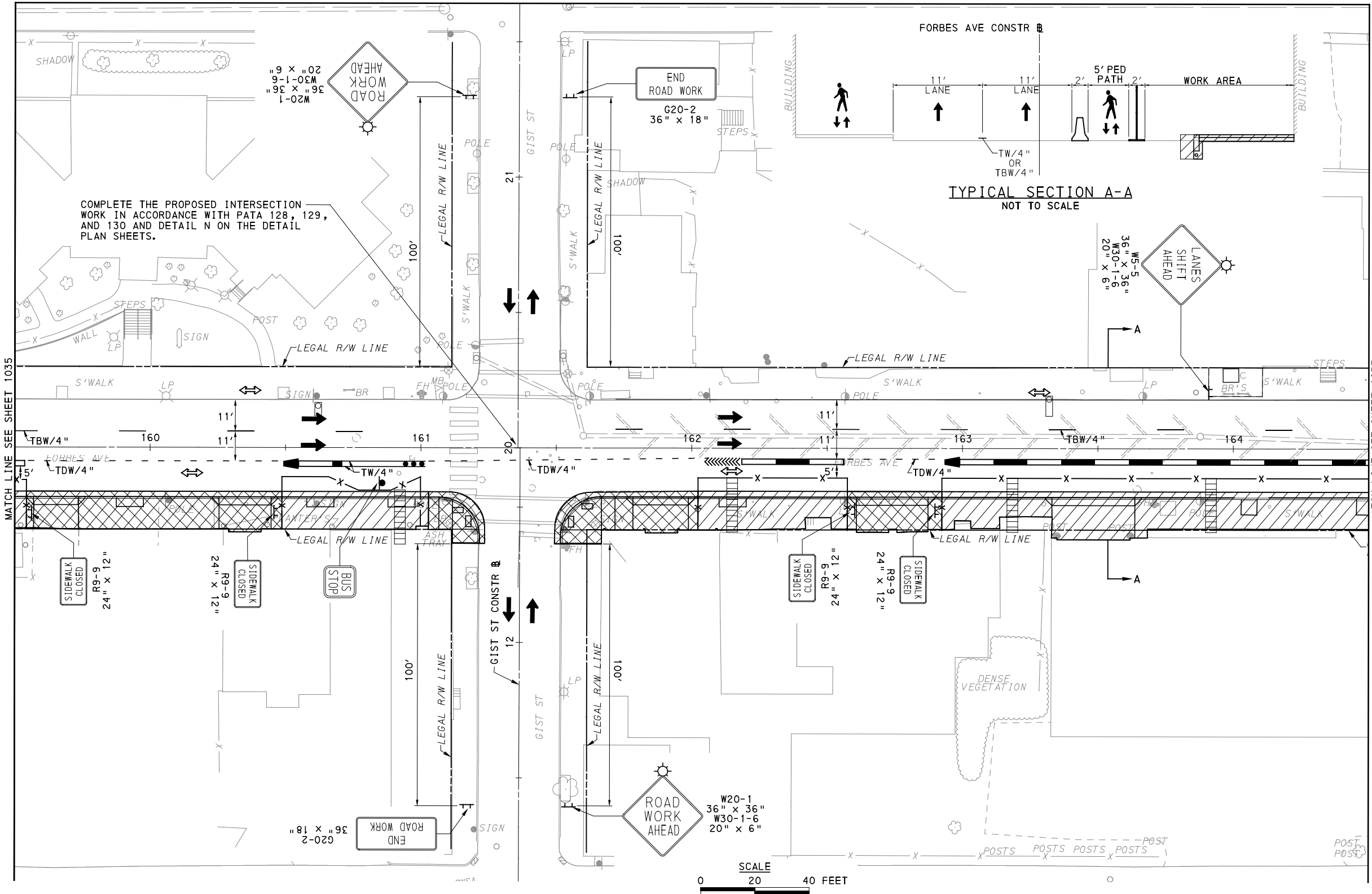
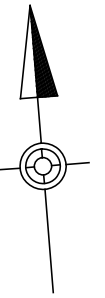
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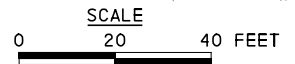
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT122	SHT. 1035



COMPLETE THE PROPOSED INTERSECTION WORK IN ACCORDANCE WITH PATA 128, 129, AND 130 AND DETAIL N ON THE DETAIL PLAN SHEETS.

TYPICAL SECTION A-A
NOT TO SCALE



UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE B
SHEET 5 OF 6

[FOR ROADWAY PLAN SEE SHEET 390]

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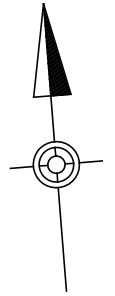
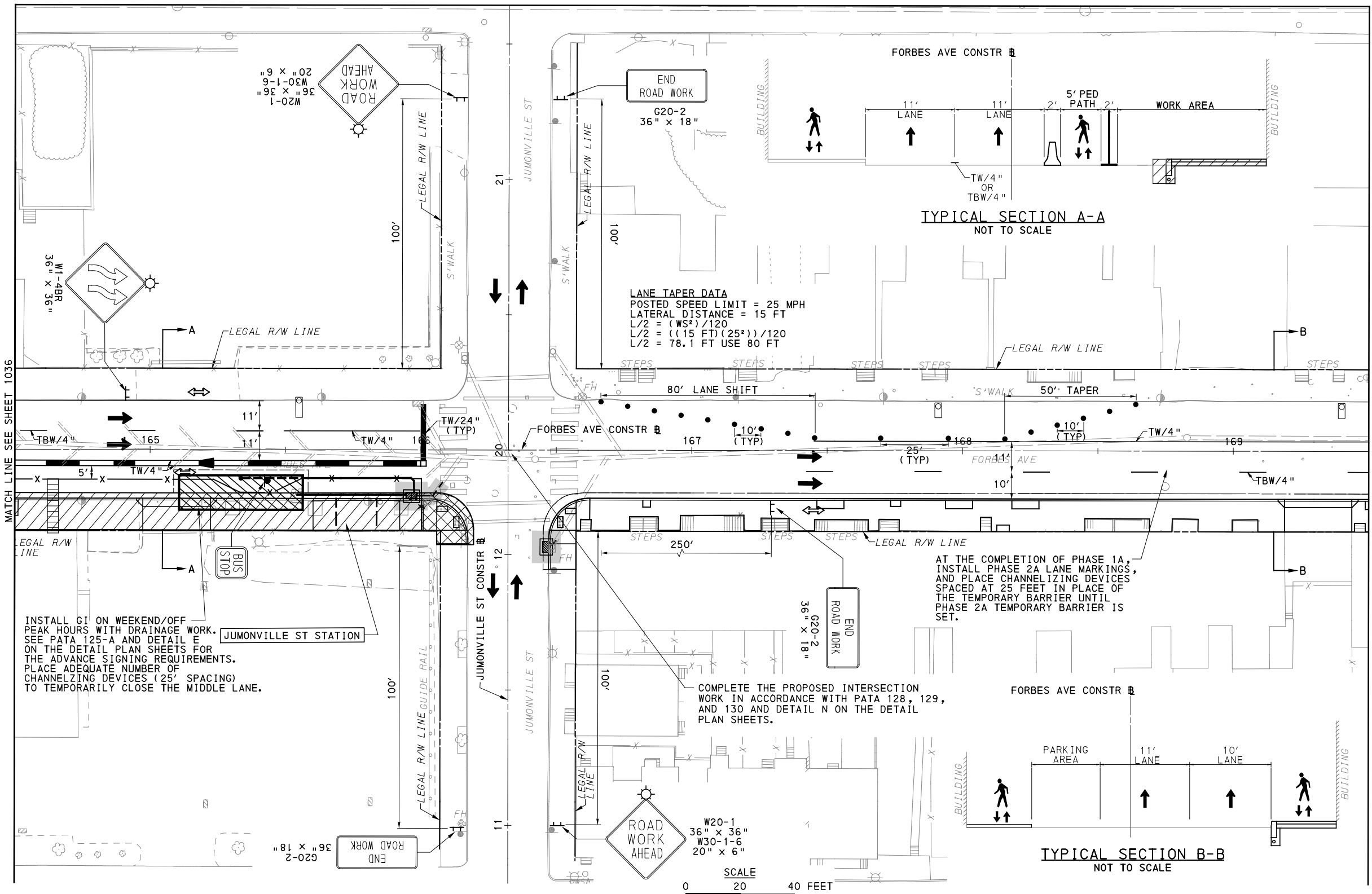
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 1B / FORBES AVE - STA 159+50 TO STA 164+50**

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CONTRACT NO. BRT-001
DWG. NO. MT123 SHT. 1036



UPTOWN SECTION
 FORBES AVE
 PHASE 1 - STAGE B
 SHEET 6 OF 6

FOR ROADWAY PLAN SEE SHEET 391

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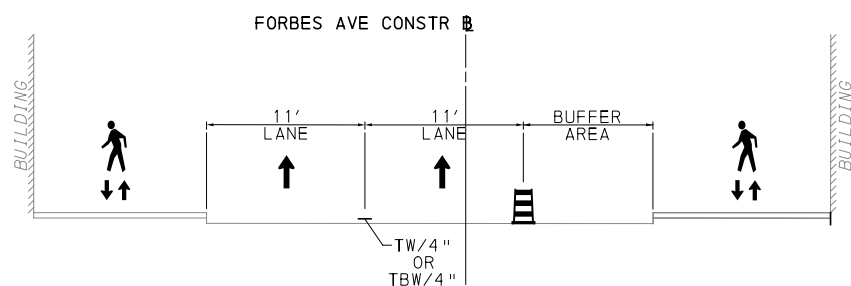
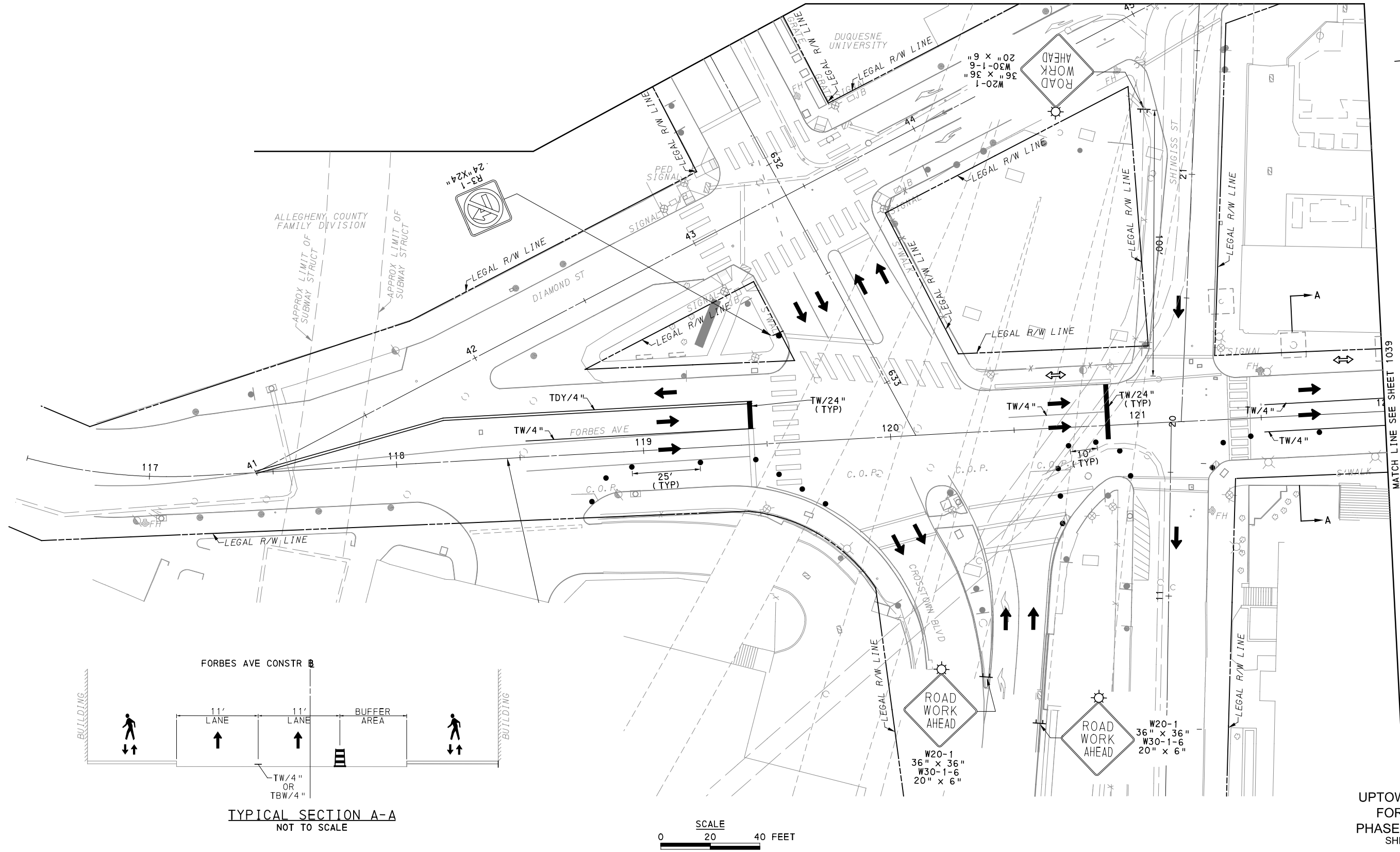
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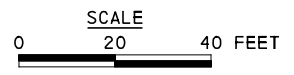
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT124 SHT. 1037



TYPICAL SECTION A-A
NOT TO SCALE



UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE C
SHEET 1 OF 6

FOR ROADWAY PLAN SEE SHEET 0

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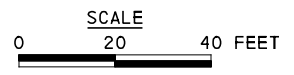
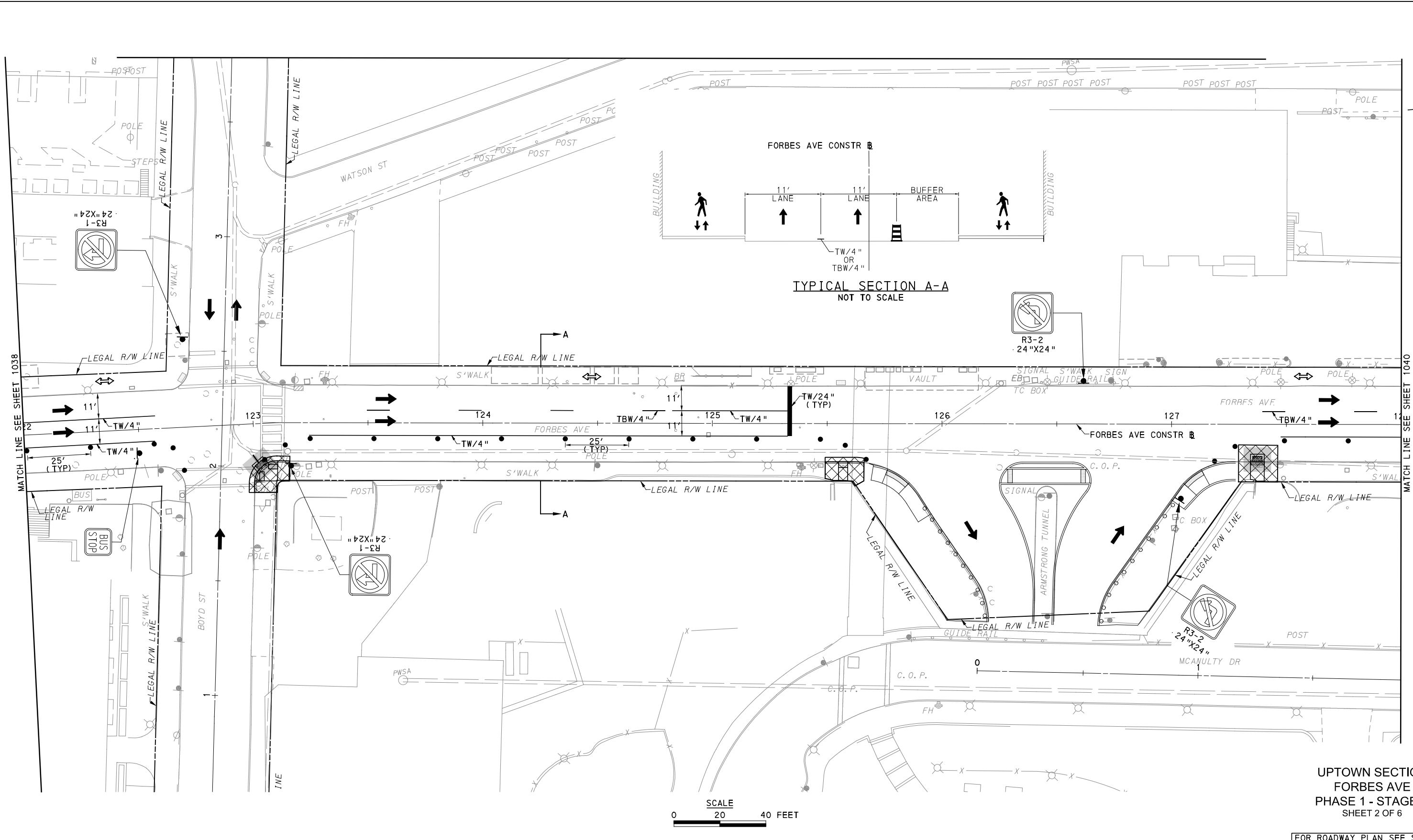
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT125 SHT. 1038



UPTOWN SECTION
 FORBES AVE
 PHASE 1 - STAGE C
 SHEET 2 OF 6

[FOR ROADWAY PLAN SEE SHEET 383]

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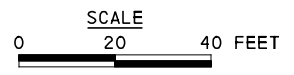
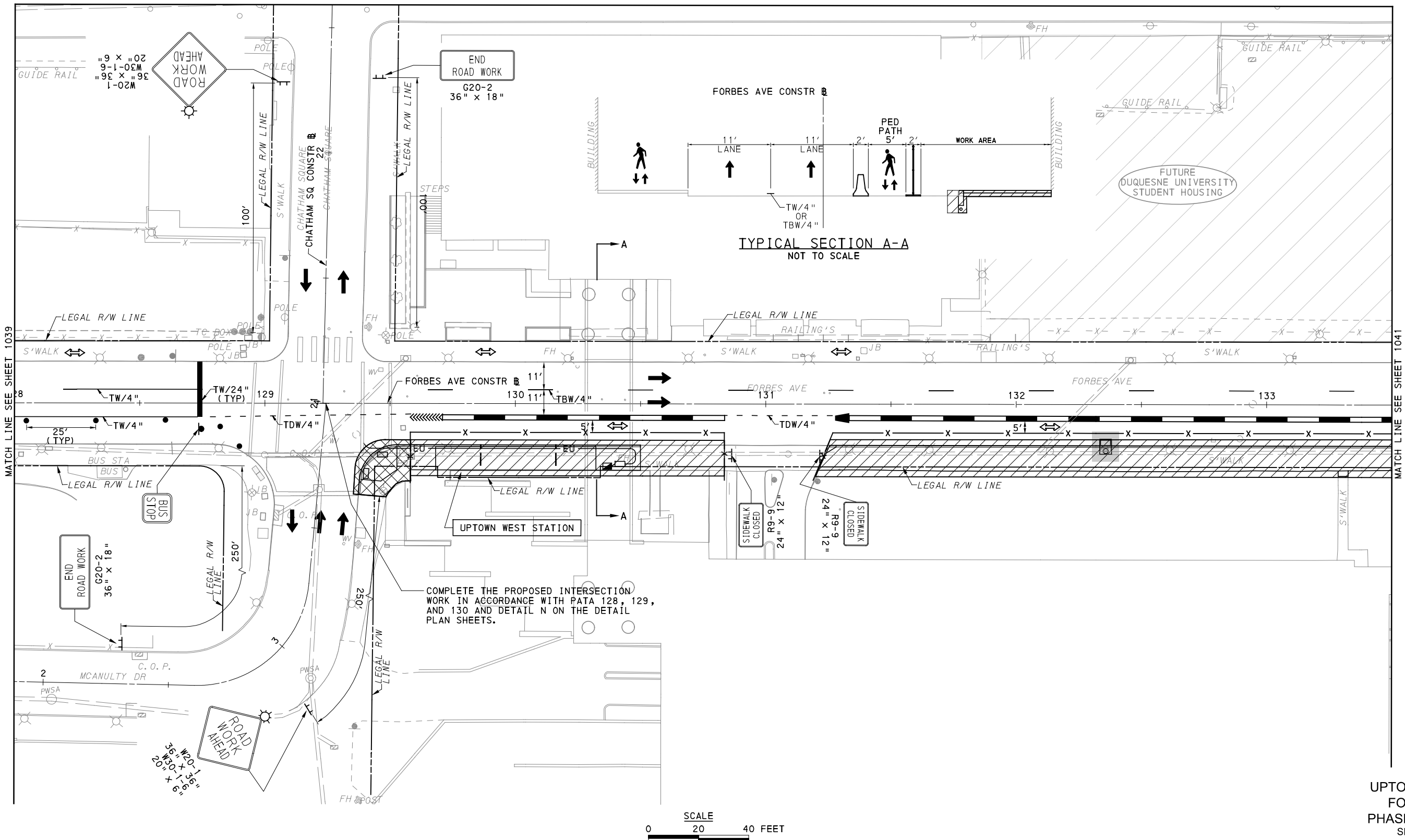
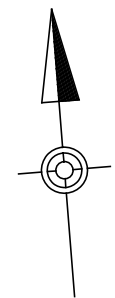
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT126 SHT. 1039



UPTOWN SECTION
 FORBES AVE
 PHASE 1 - STAGE C
 SHEET 3 OF 6

[FOR ROADWAY PLAN SEE SHEET 384]

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 Foster Plaza 8
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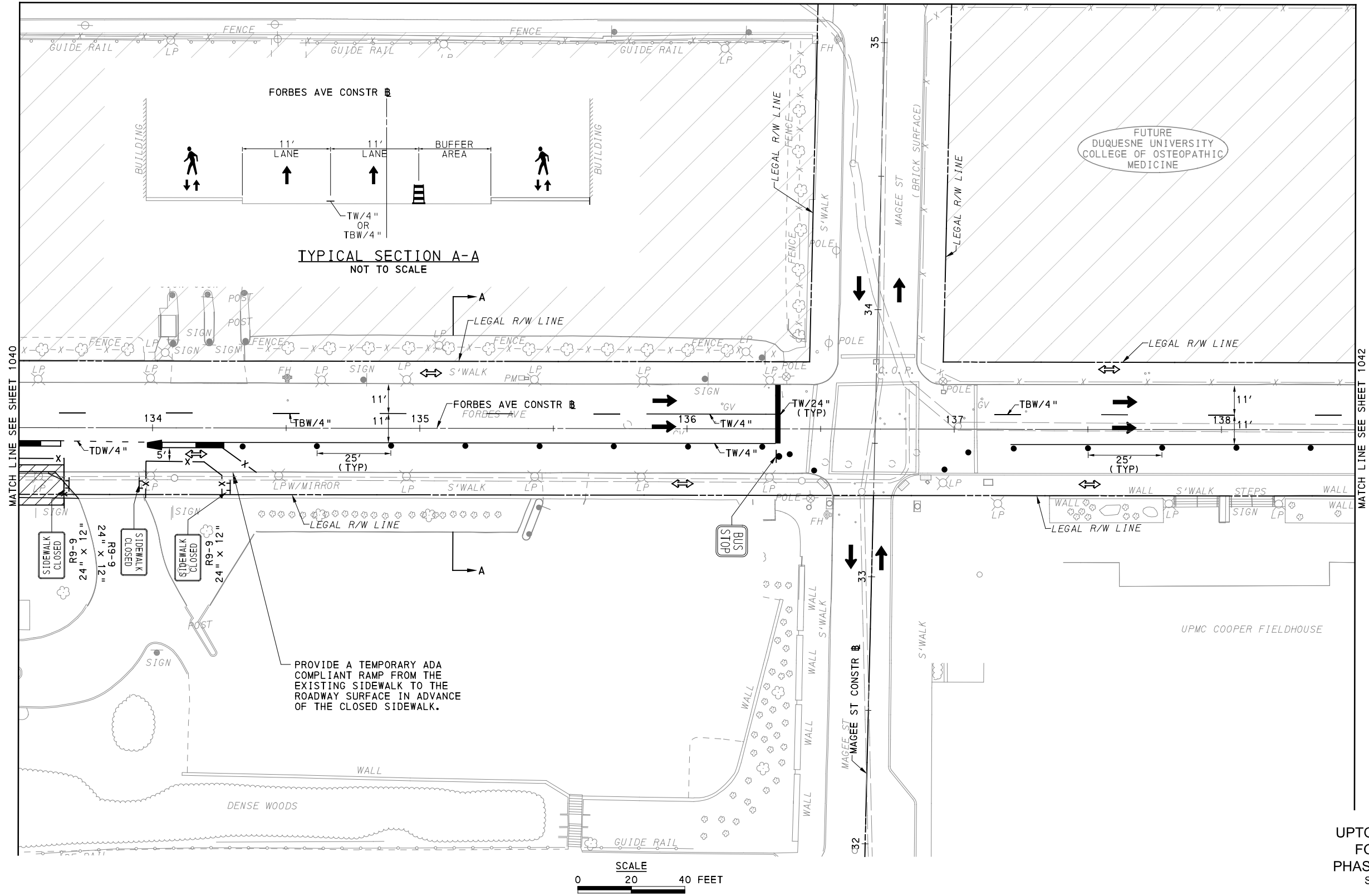
NO.	DATE	DESCRIPTION
REVISIONS		

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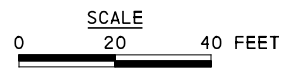
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IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 128+00 TO STA 133+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT127	SHT. 1040



TYPICAL SECTION A-A
 NOT TO SCALE



UPTOWN SECTION
 FORBES AVE
 PHASE 1 - STAGE C
 SHEET 4 OF 6

[FOR ROADWAY PLAN SEE SHEET 385]

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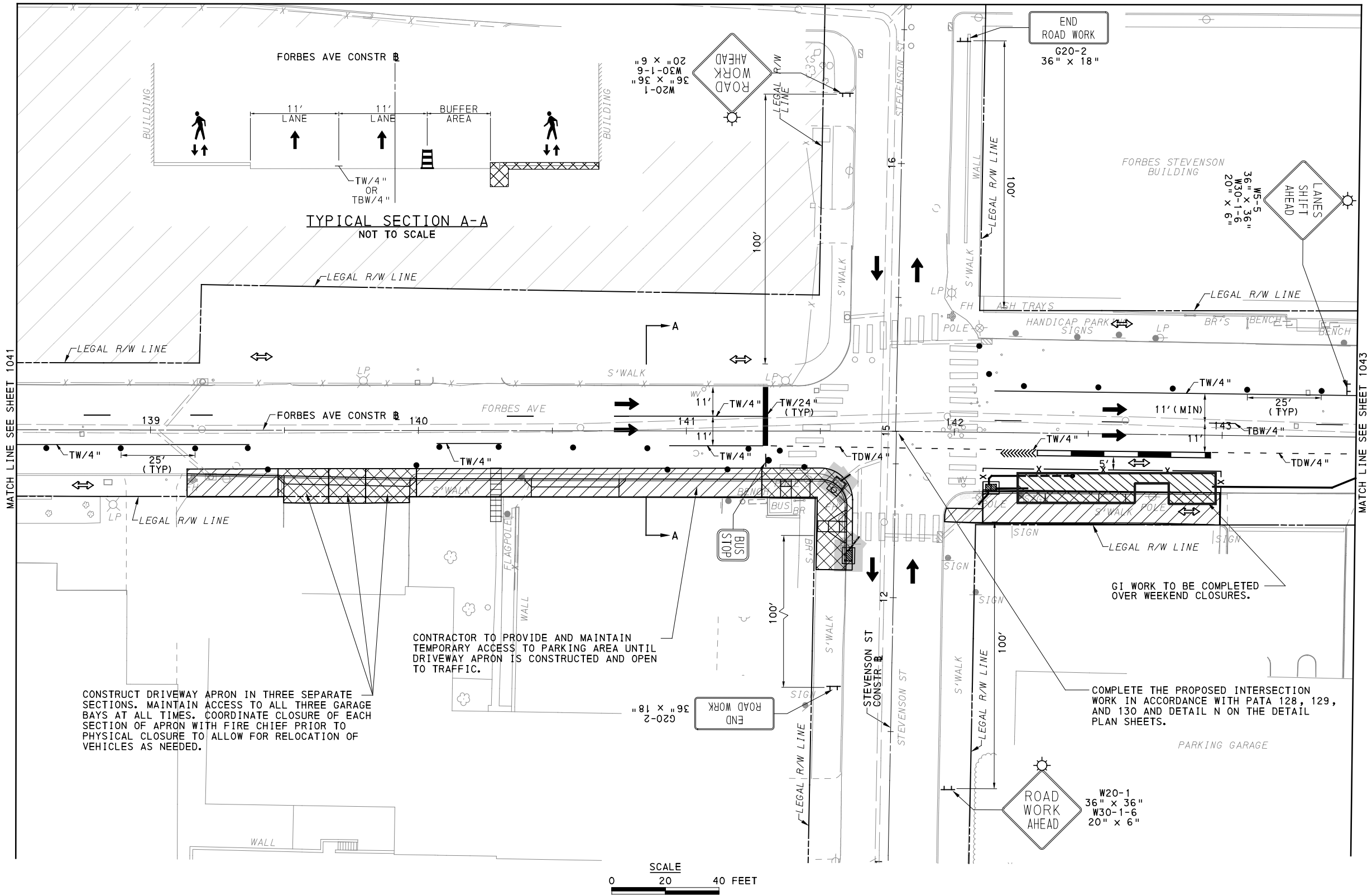
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 133+50 TO STA 138+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
DWG. NO. MT128	SHT. 1041



UPTOWN SECTION
FORBES AVE
PHASE 1 - STAGE C
SHEET 5 OF 6

FOR ROADWAY PLAN SEE SHEET 386

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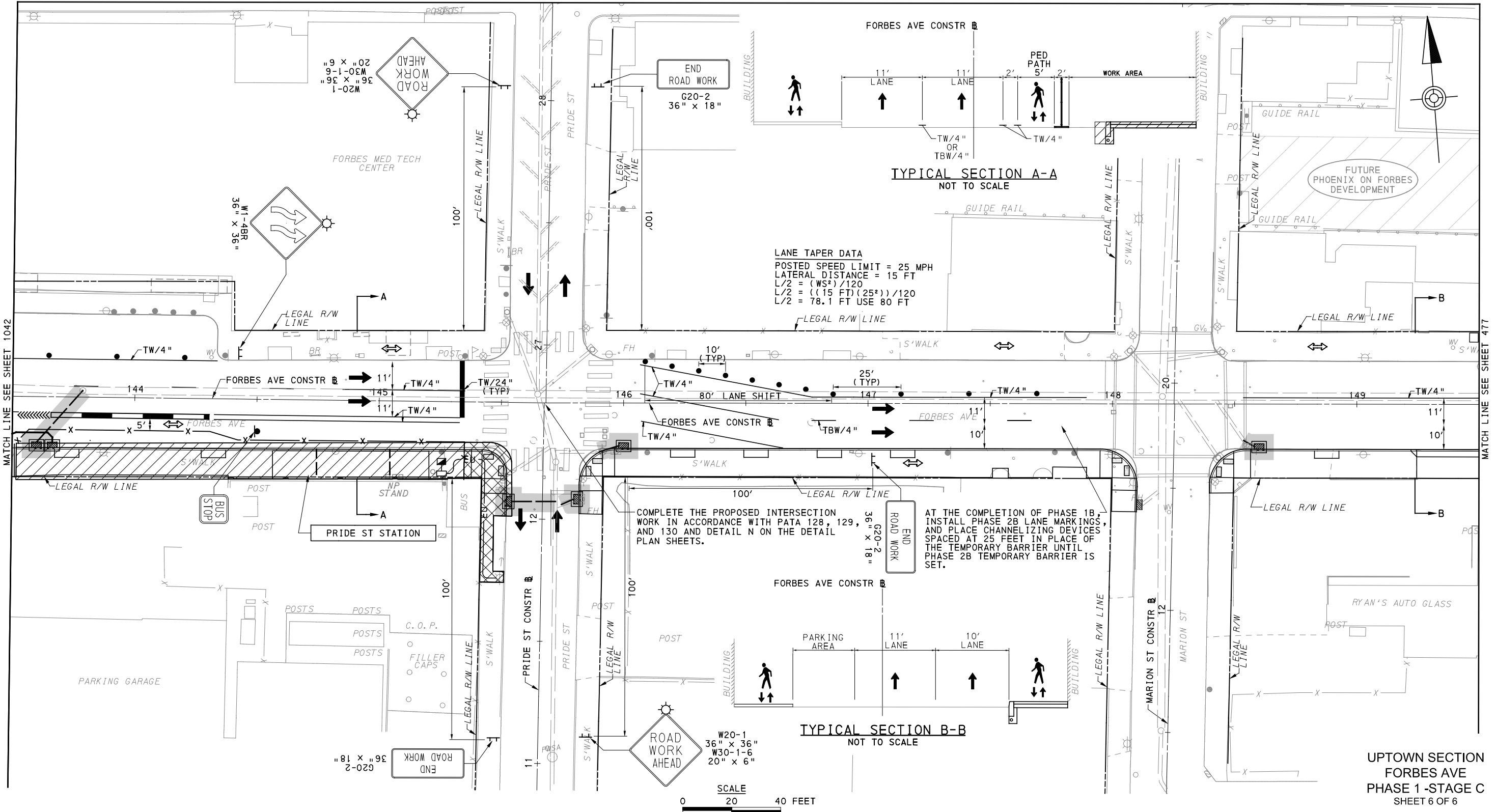
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 138+50 TO STA 143+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT129 SHT. 1042



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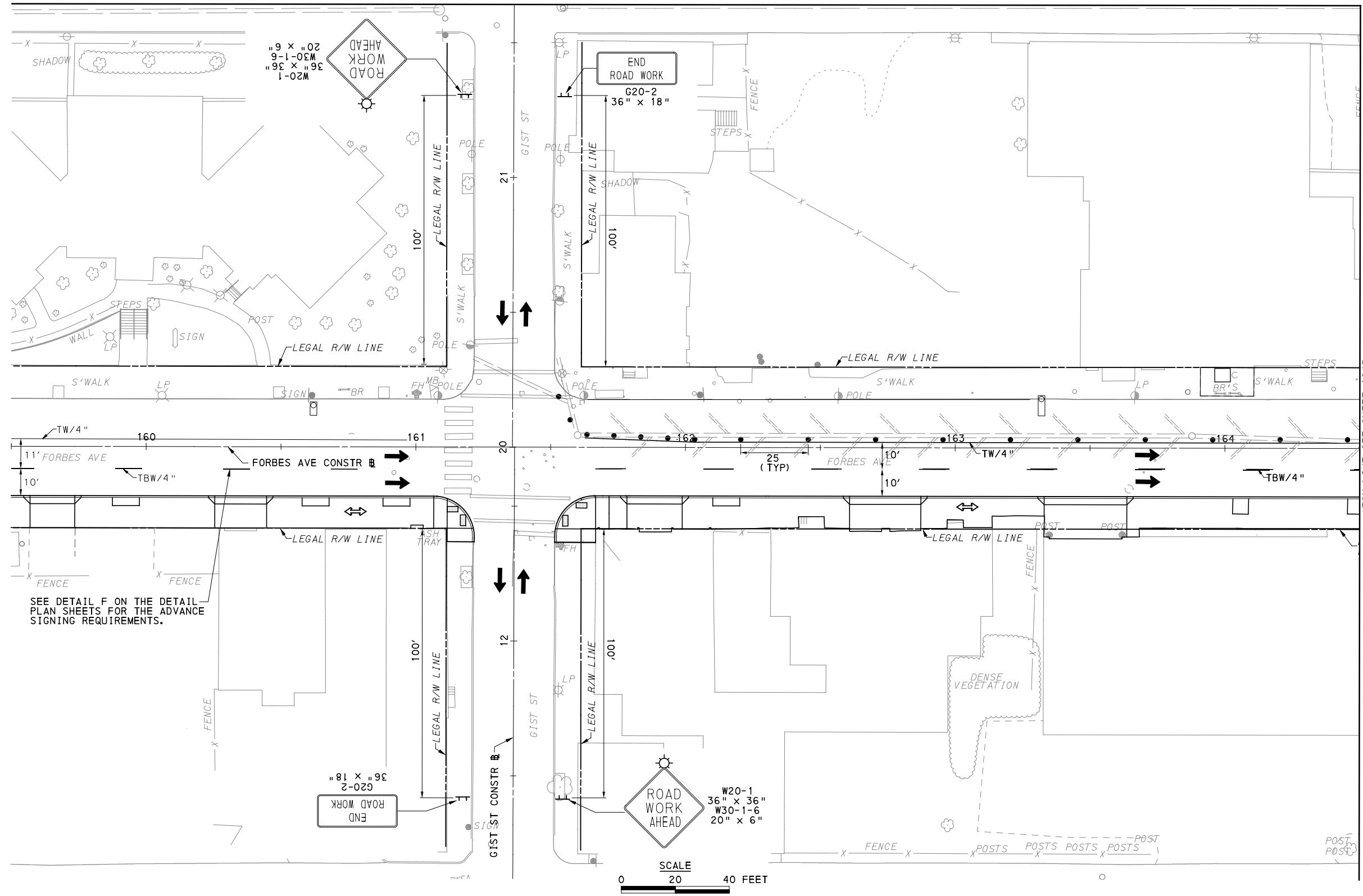
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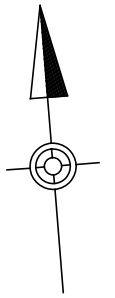
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 1C / FORBES AVE - STA 143+50 TO STA 149+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT130	SHT. 1043



SEE DETAIL F ON THE DETAIL PLAN SHEETS FOR THE ADVANCE SIGNING REQUIREMENTS.

MATCH LINE SEE SHEET 1045



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE A
SHEET 1 OF 5

FOR CONSTRUCTION PLAN SEE SHEET 390



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Pittsburgh, PA 15219



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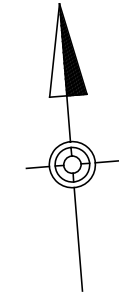
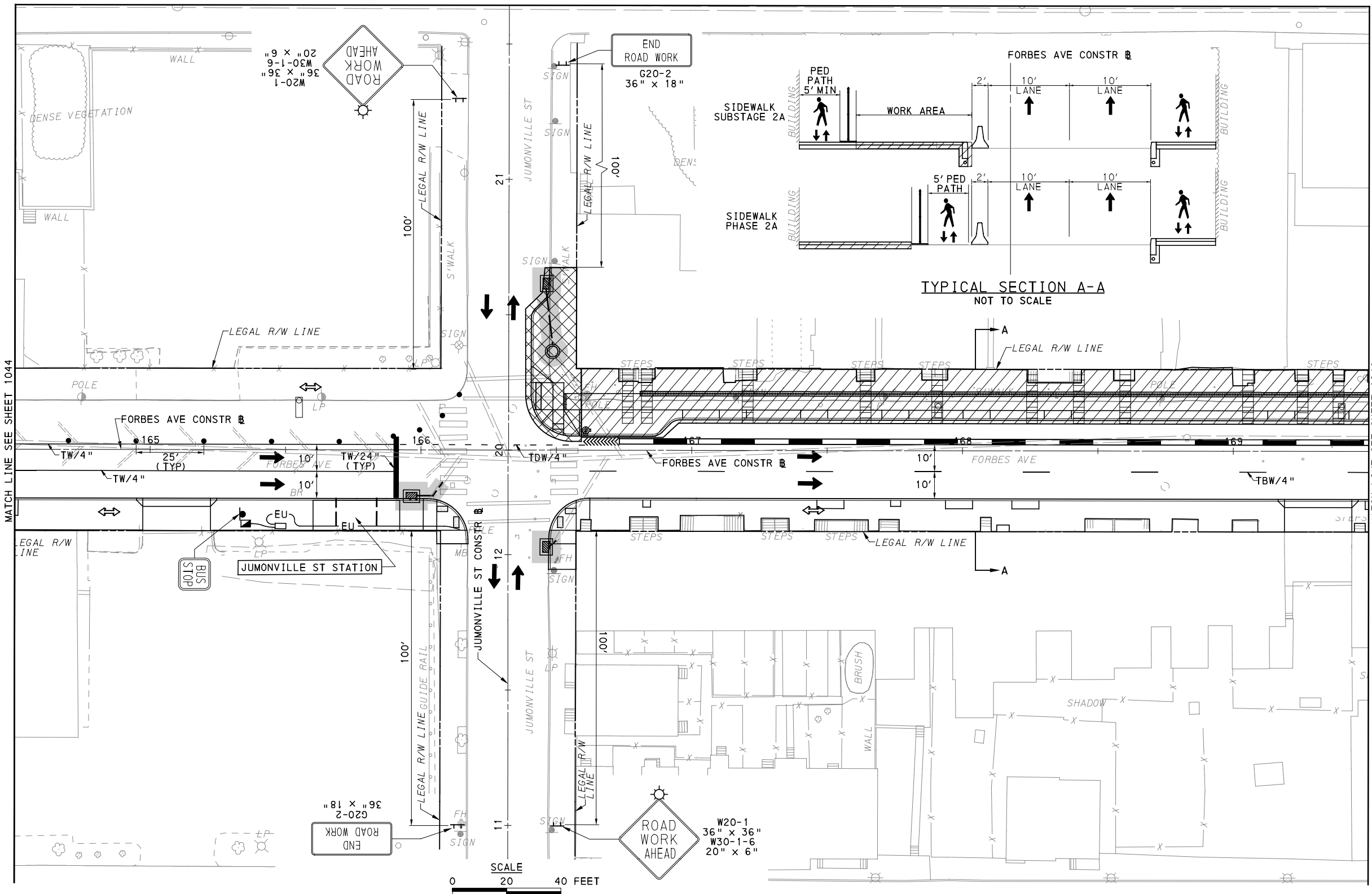
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA		
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 159+50 TO STA 164+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT131	SHT. 1044



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE A
SHEET 2 OF 5

FOR CONSTRUCTION PLAN SEE SHEET 391

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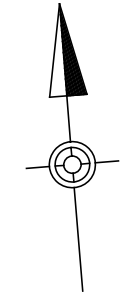
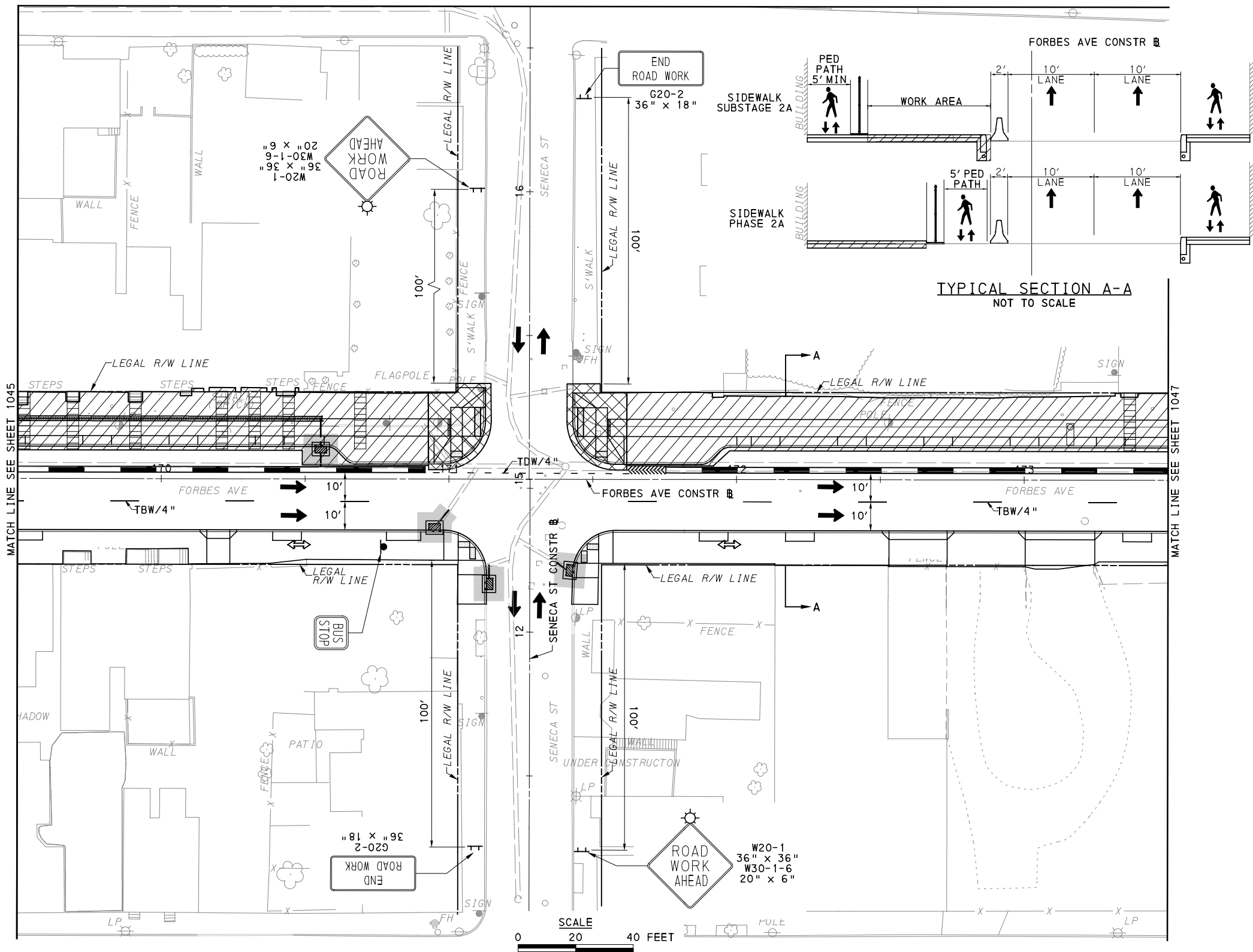
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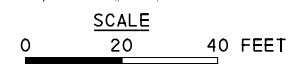
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 164+50 TO STA 169+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT132 SHT. 1045



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE A
SHEET 3 OF 5



FOR CONSTRUCTION PLAN SEE SHEET 392

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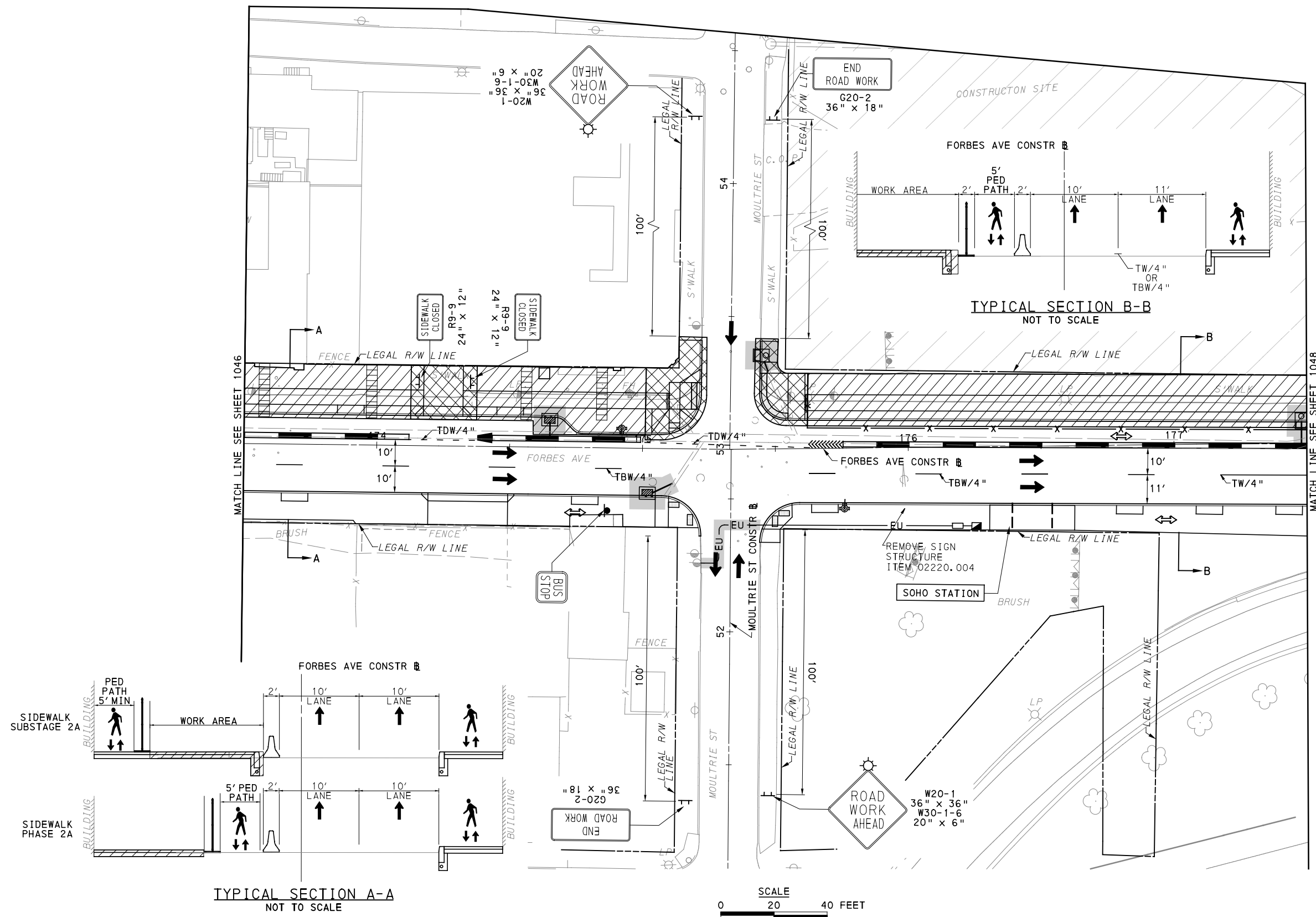
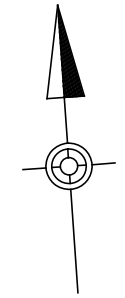
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 169+50 TO STA 173+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT133	SHT. 1046



TYPICAL SECTION A-A
NOT TO SCALE

TYPICAL SECTION B-B
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UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE A
SHEET 4 OF 5

FOR CONSTRUCTION PLAN SEE SHEET 393

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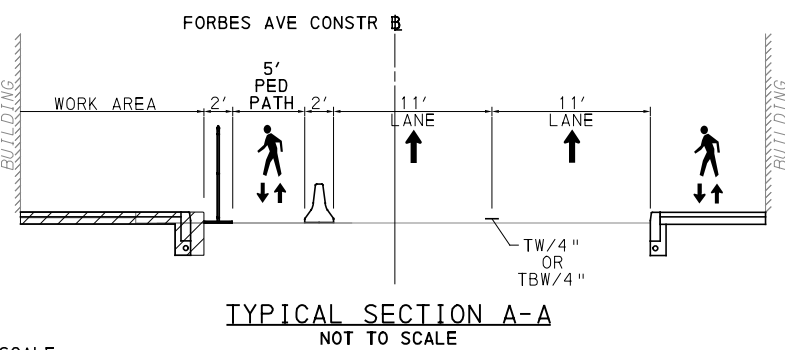
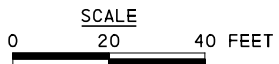
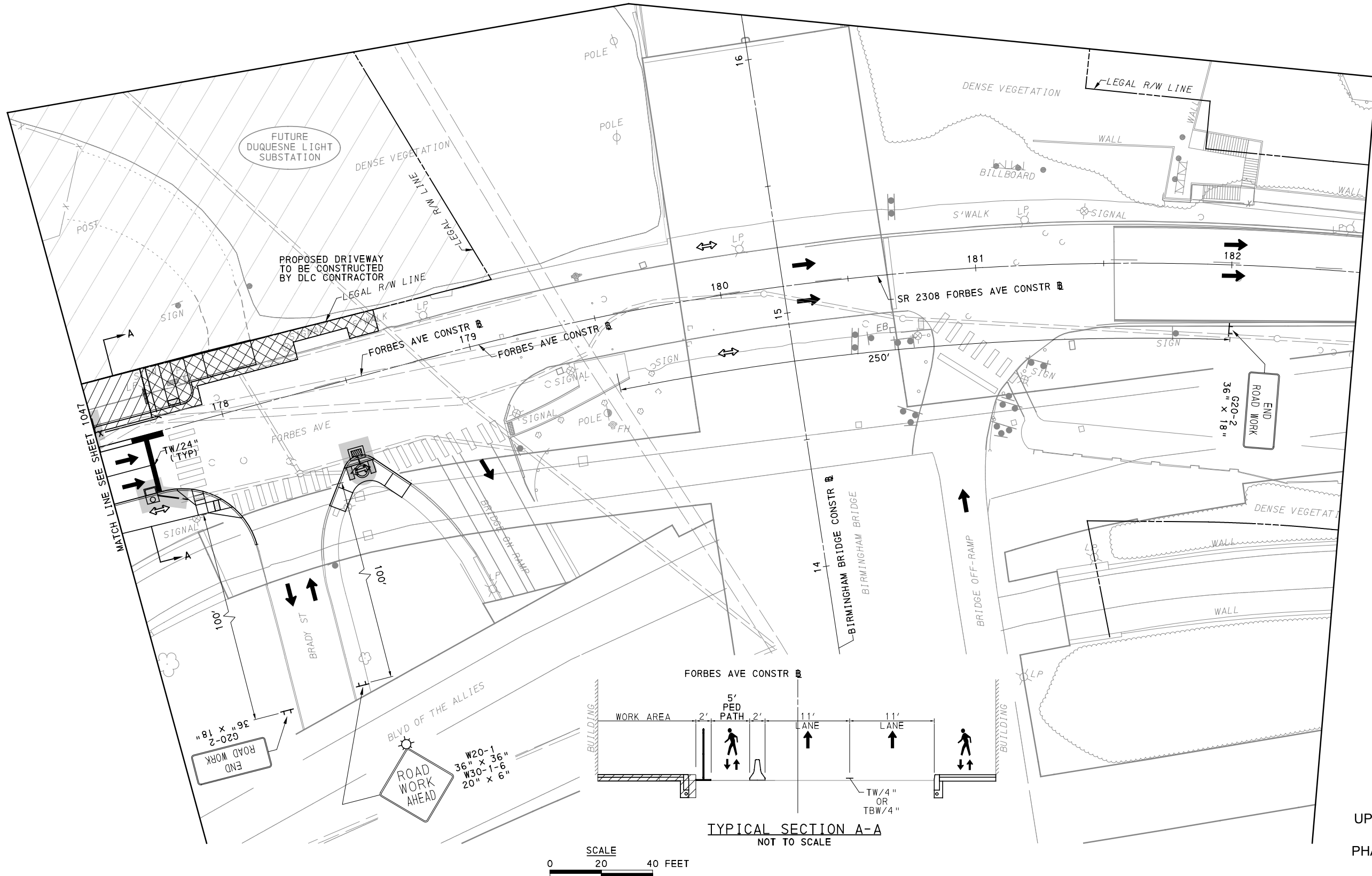
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 173+50 TO STA 177+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT134	SHT. 1047



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE A
SHEET 5 OF 5

FOR CONSTRUCTION PLAN SEE SHEET 394

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730 Holiday Drive
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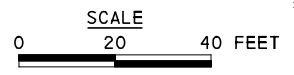
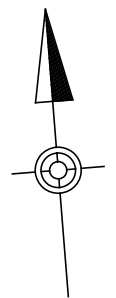
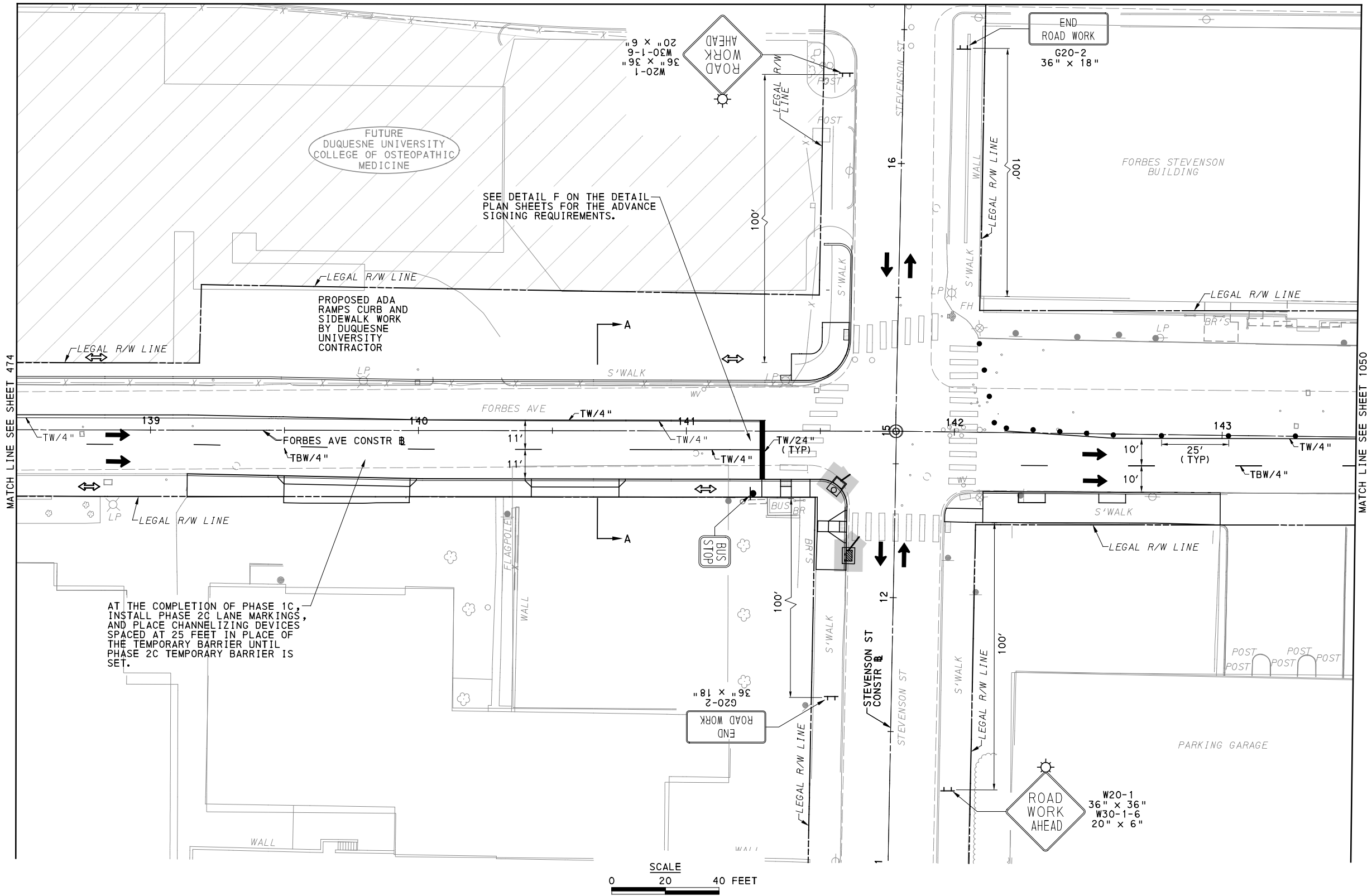
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2A / FORBES AVE - STA 177+50 TO STA 182+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT135 SHT. 1048



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE B
SHEET 1 OF 6

[FOR ROADWAY PLAN SEE SHEET 386]

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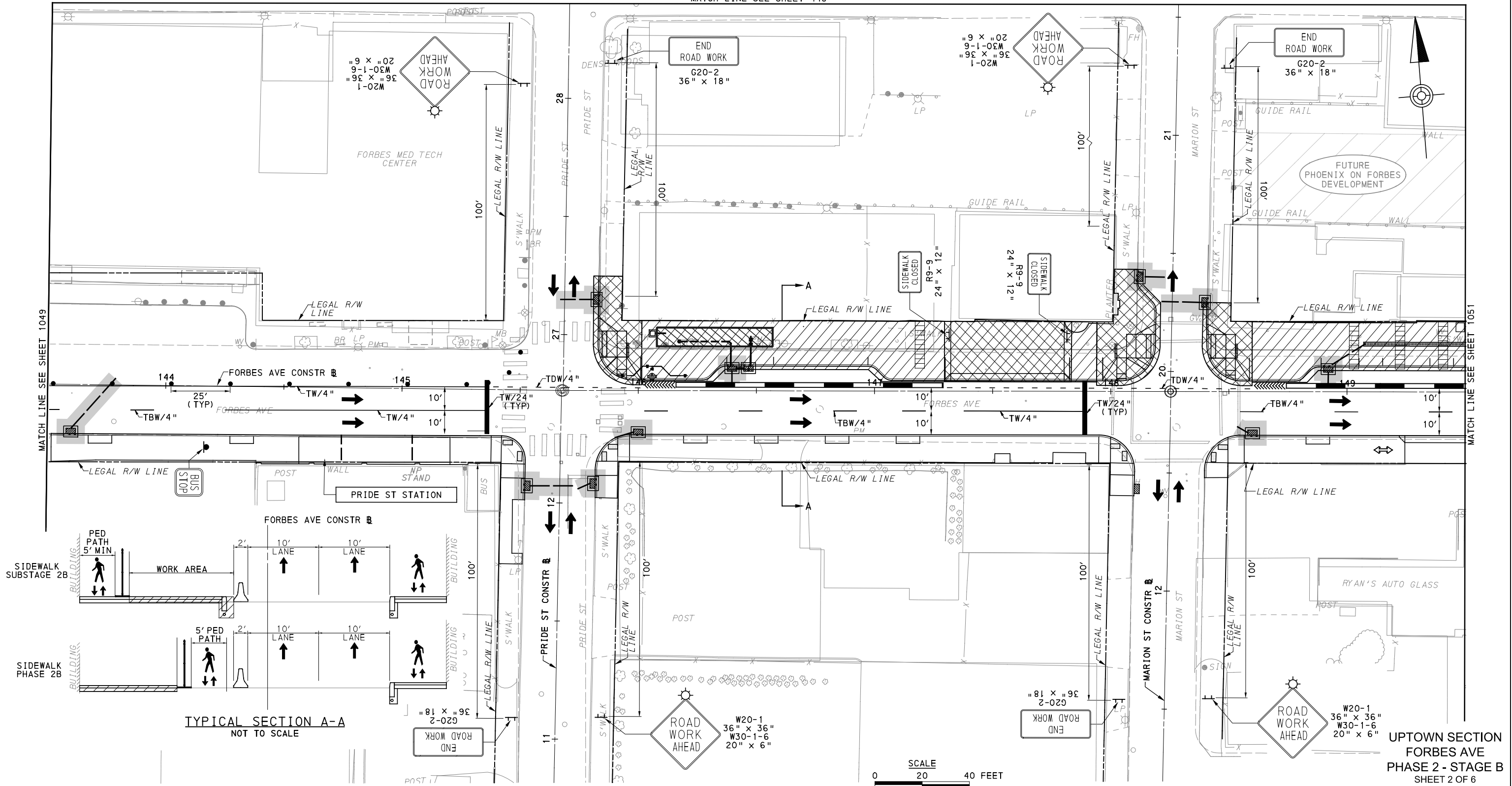
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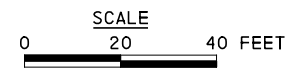
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 138+50 TO STA 143+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT136 SHT. 1049

MATCH LINE SEE SHEET 448



TYPICAL SECTION A-A
NOT TO SCALE



FOR ROADWAY PLAN SEE SHEET 387

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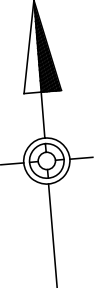
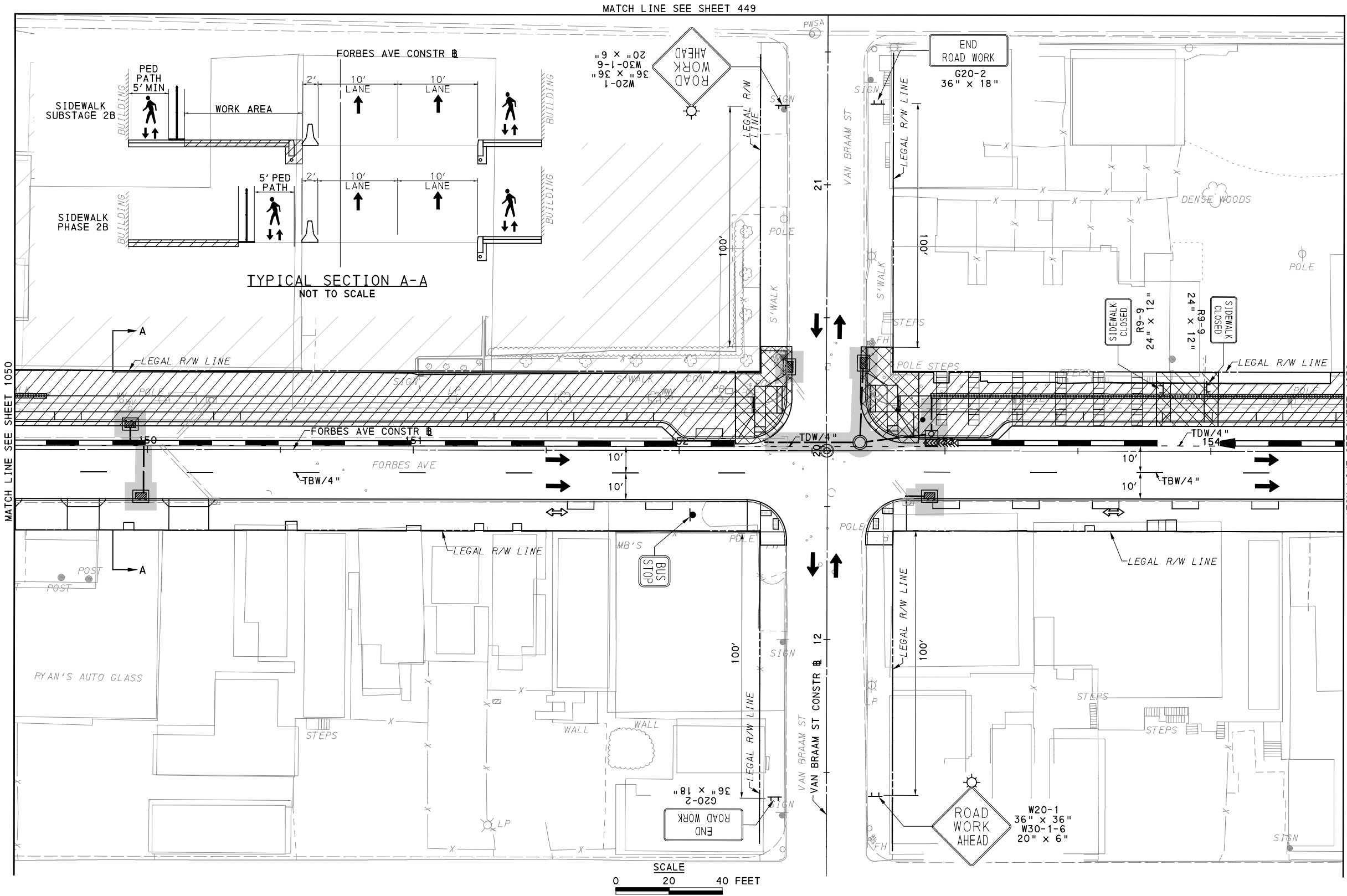
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PITTSBURGH PENNSYLVANIA

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MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2B / FORBES AVE - STA 143+50 TO STA 149+50

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CONTRACT NO. BRT-001
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UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE B
SHEET 3 OF 6

FOR ROADWAY PLAN SEE SHEET 388

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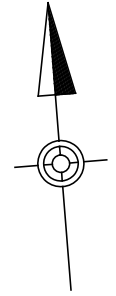
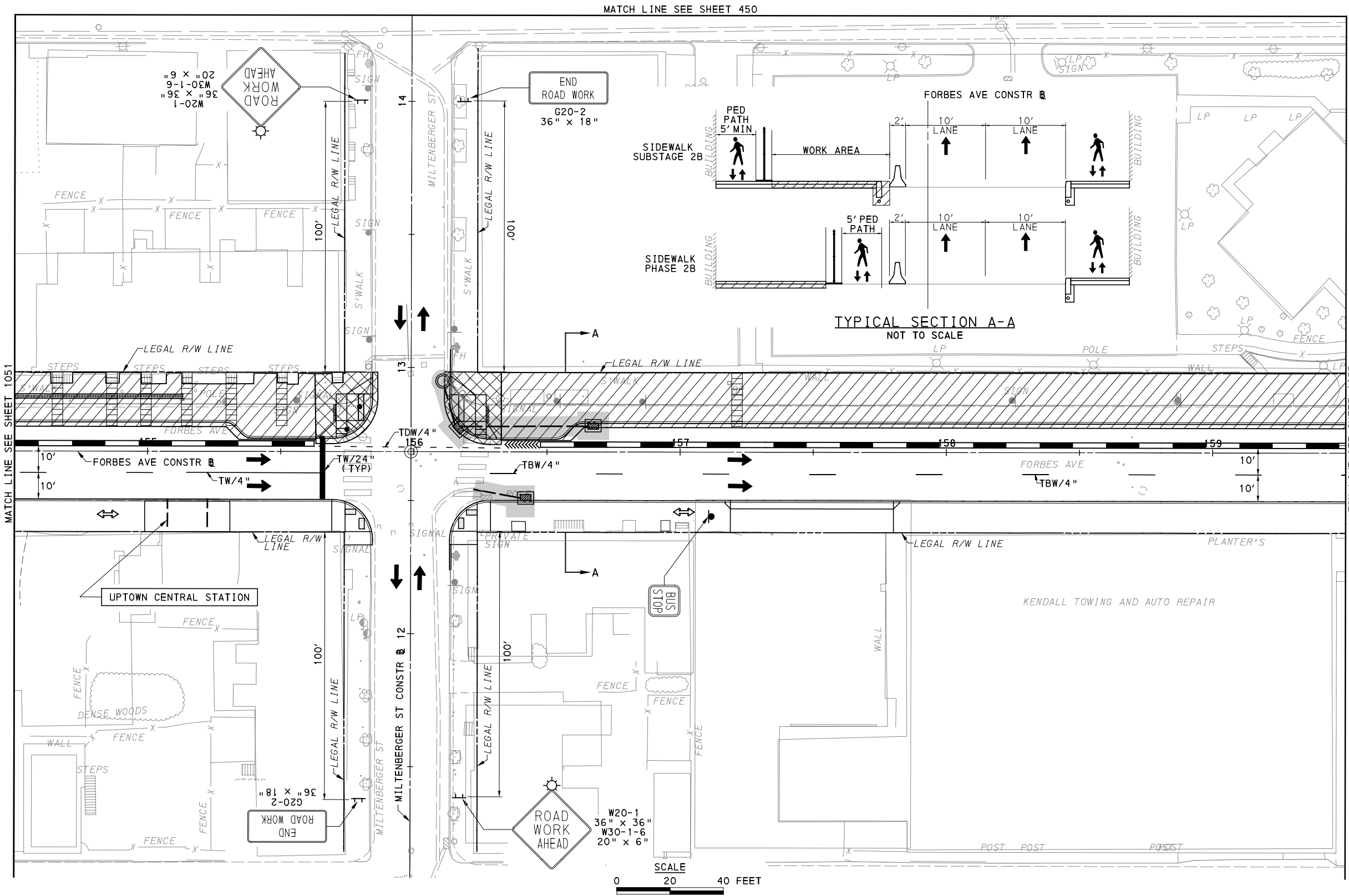
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 149+50 TO STA 154+50	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT138 SHT. 1051



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE B
SHEET 4 OF 6

FOR ROADWAY PLAN SEE SHEET 389

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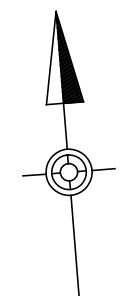
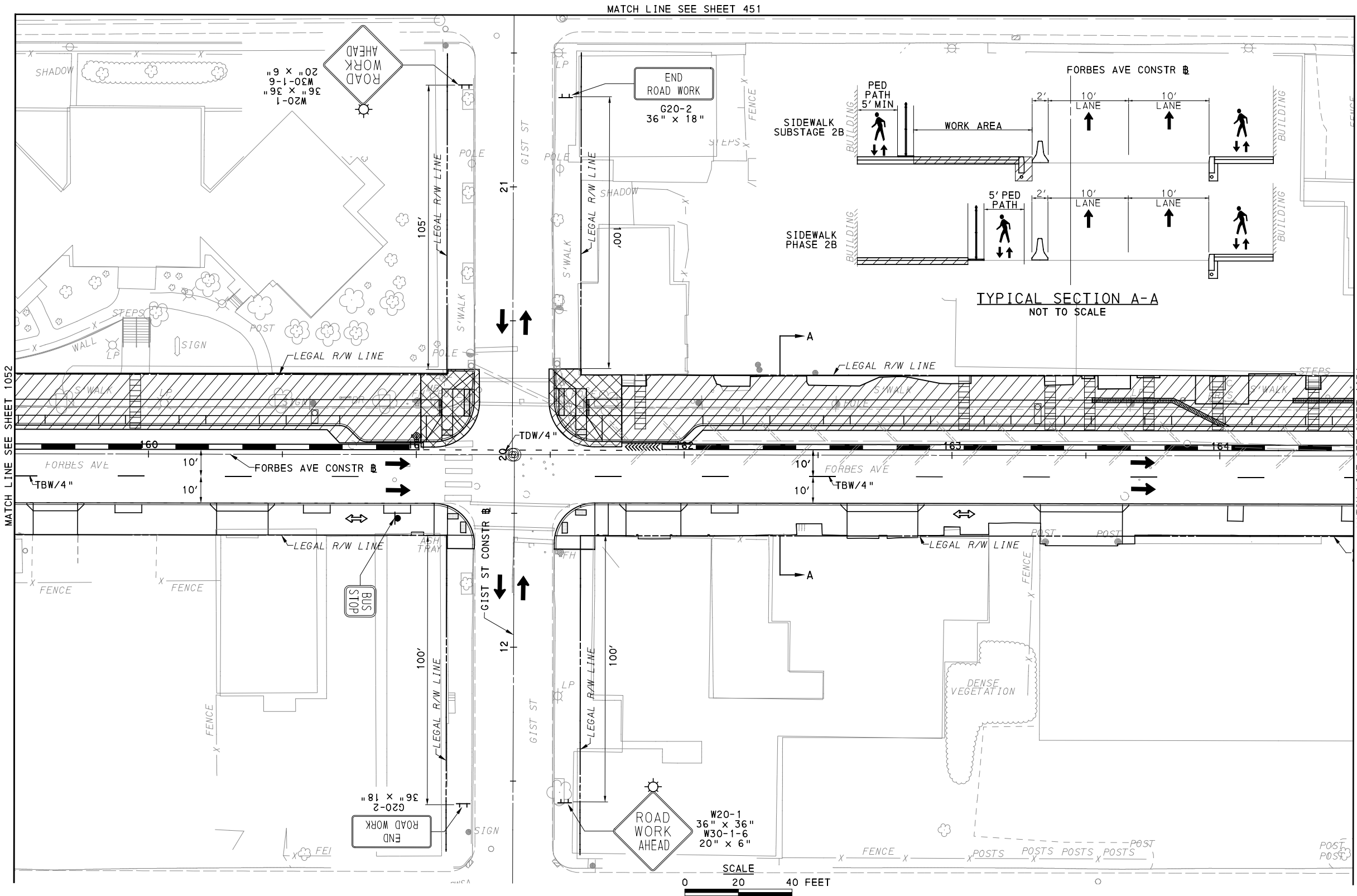
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 154+50 TO STA 159+50		
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001	
	DWG. NO. MT139	SHT. 1052



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE B
SHEET 5 OF 6

FOR ROADWAY PLAN SEE SHEET 390

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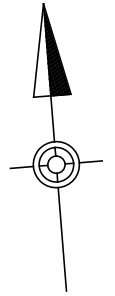
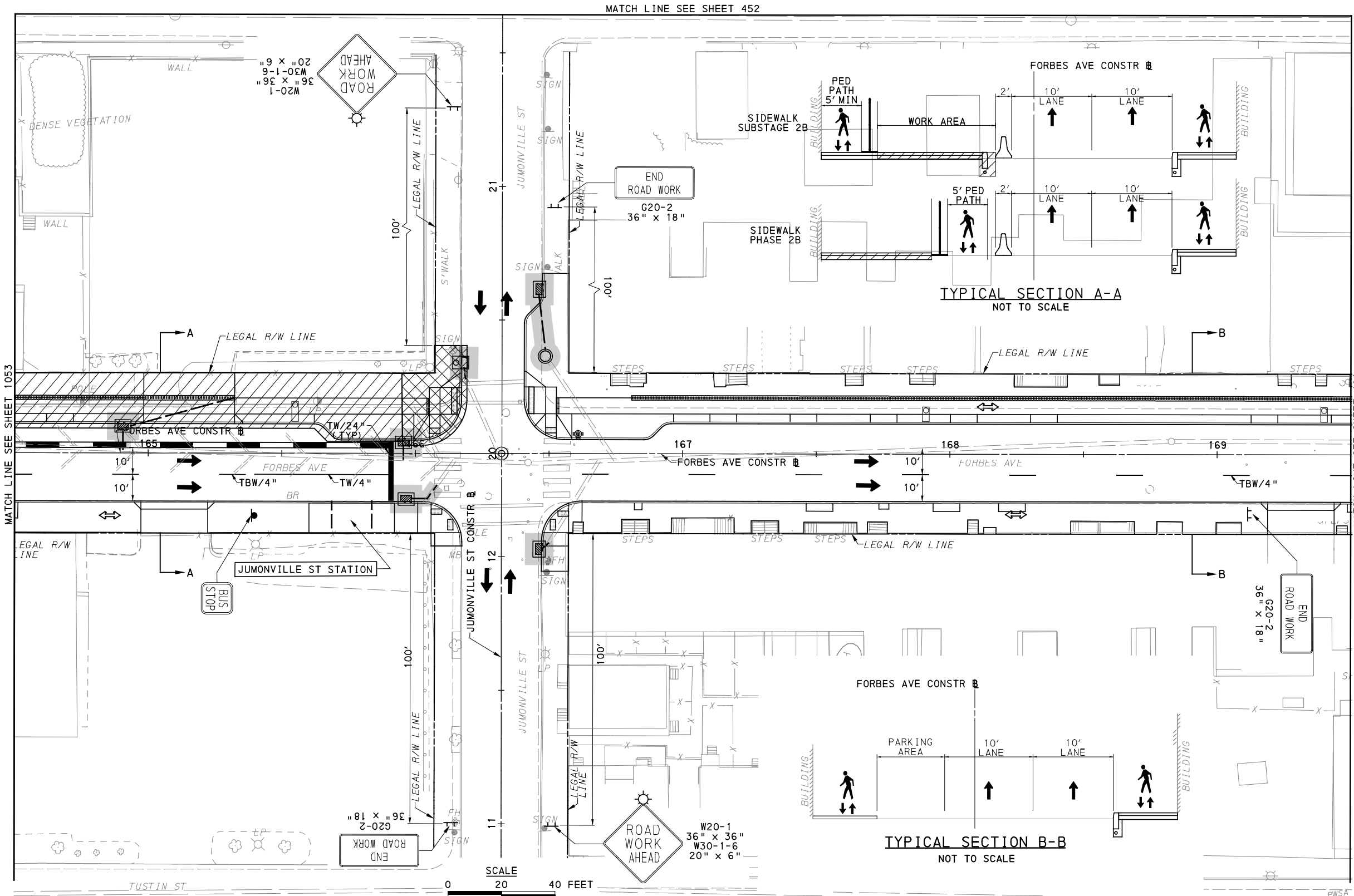
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Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT140 SHT. 1053



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE B
SHEET 6 OF 6

[FOR ROADWAY PLAN SEE SHEET 391]

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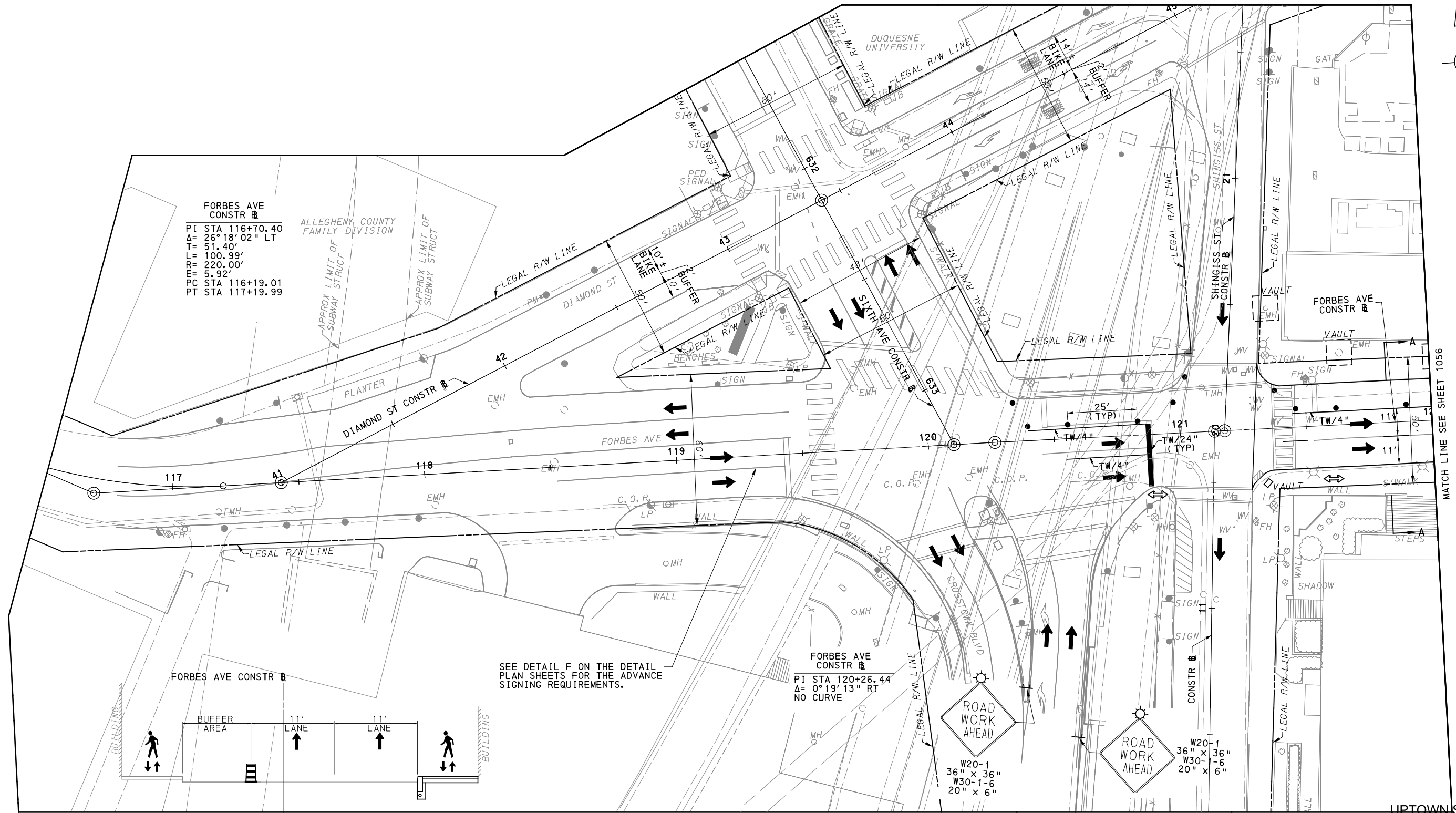
NO.	DATE	DESCRIPTION
REVISIONS		

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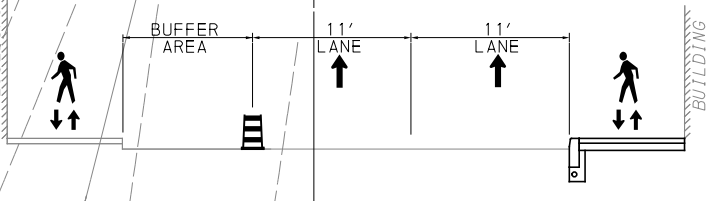
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DRAWN	RRH
CHECKED	MRK
IN CHARGE	GEC
DATE	05/01/24
SCALE	AS SHOWN

PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2B / FORBES AVE - STA 164+50 TO STA 169+50	
Port Authority connecting people to life™	CONTRACT NO. BRT-001
DWG. NO. MT141	SHT. 1054

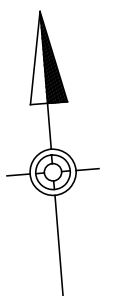
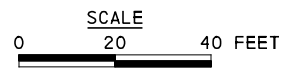


FORBES AVE
CONSTR B
PI STA 116+70.40
Δ= 26°18'02" LT
T= 51.40'
L= 100.99'
R= 220.00'
E= 5.92'
PC STA 116+19.01
PT STA 117+19.99

FORBES AVE
CONSTR B
PI STA 120+26.44
Δ= 0°19'13" RT
NO CURVE



TYPICAL SECTION A-A
NOT TO SCALE



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE C
SHEET 1 OF 6

[FOR ROADWAY PLAN SEE SHEET 0

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707 Grant Street
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Suite 400
730 Holiday Drive
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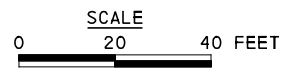
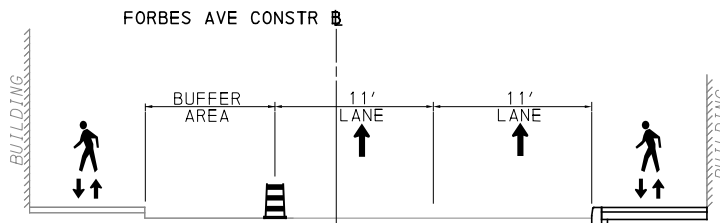
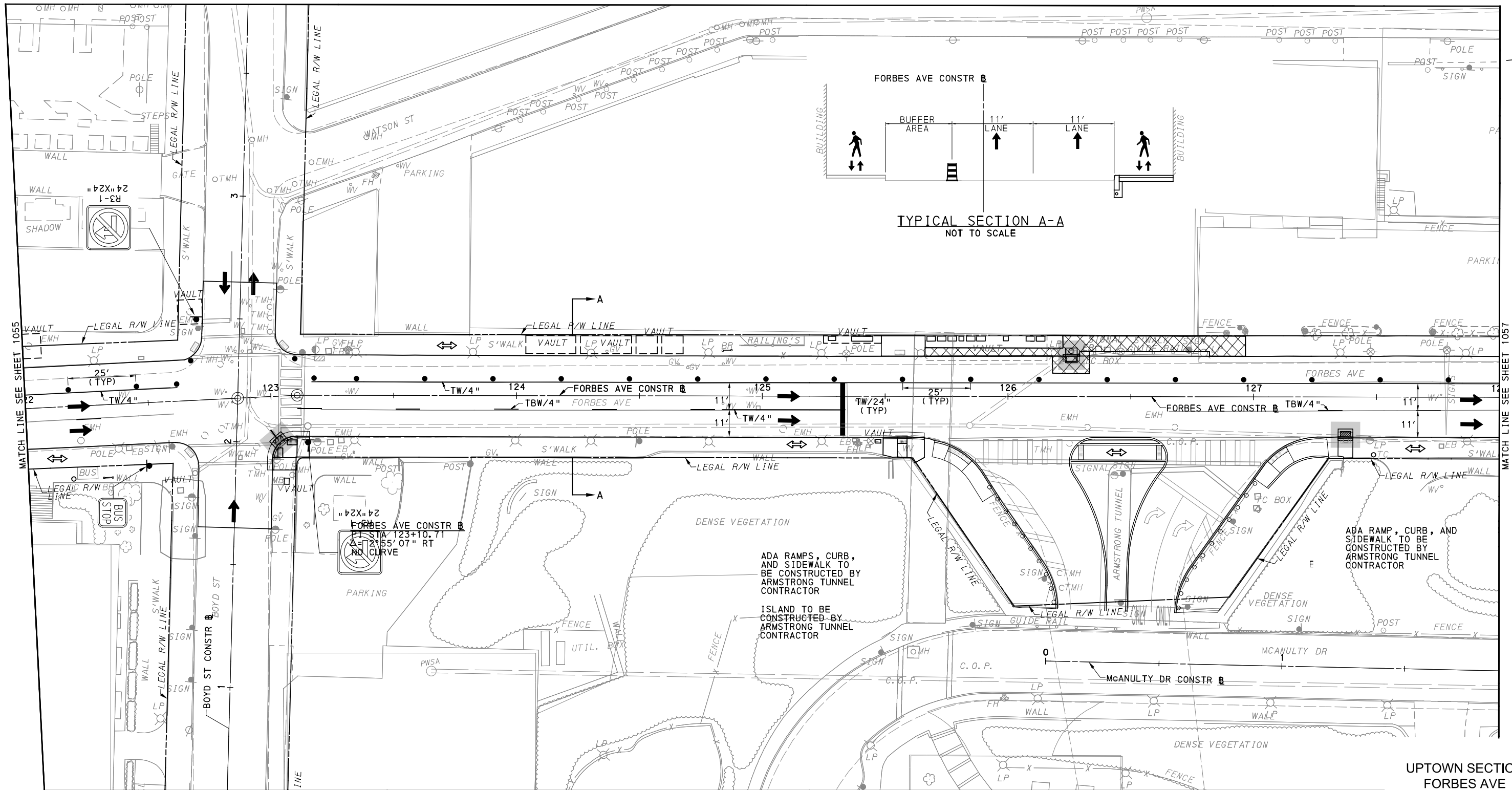
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PORT AUTHORITY OF ALLEGHENY COUNTY
PITTSBURGH PENNSYLVANIA

BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2C / FORBES AVE - STA 119+00 TO STA 122+00

Port Authority connecting people to life™

CONTRACT NO. BRT-001
DWG. NO. MT142 SHT. 1055



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE C
SHEET 2 OF 6

(FOR ROADWAY PLAN SEE SHEET 383)

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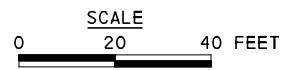
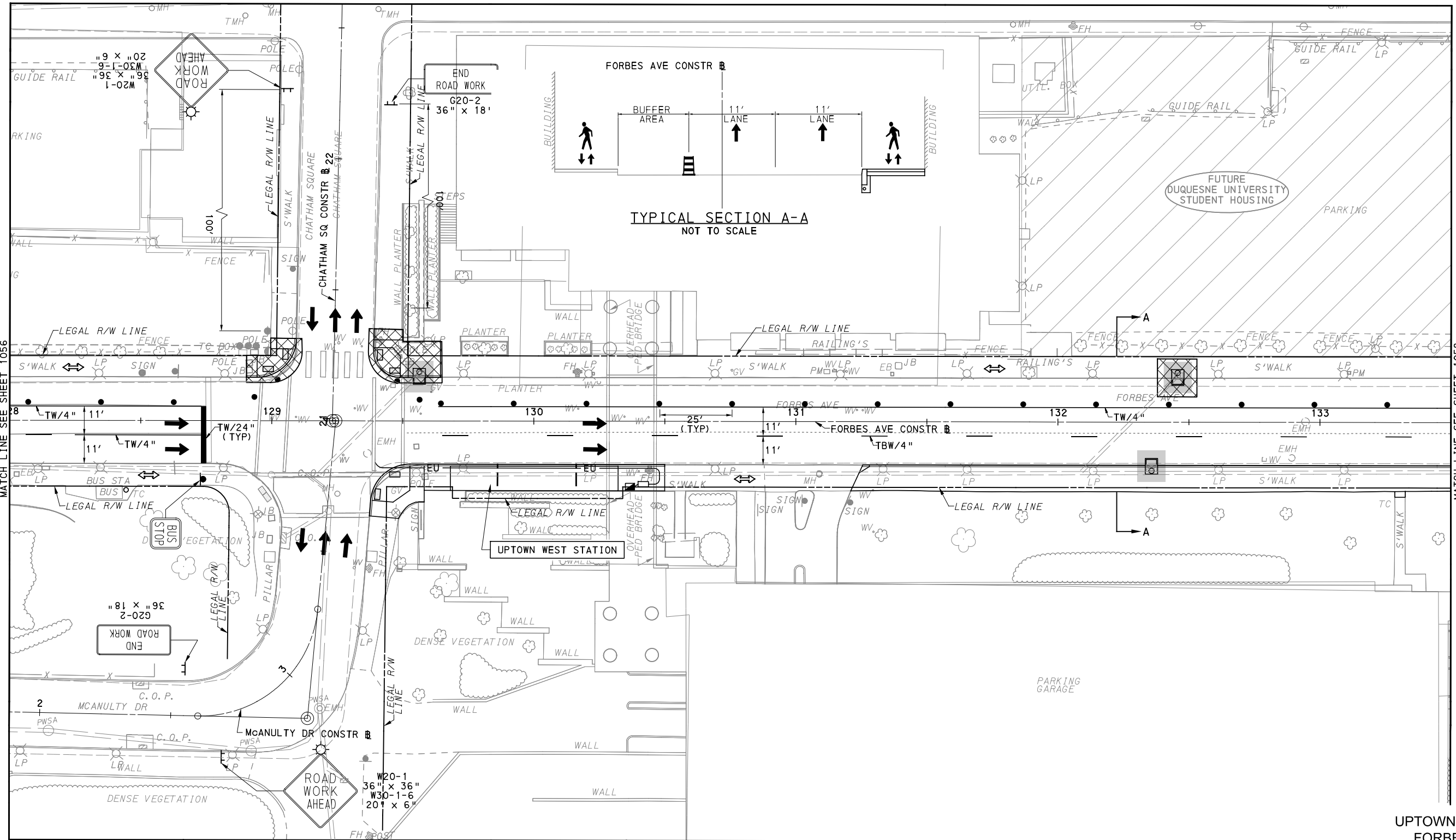
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BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FORBES AVE - STA 122+00 TO STA 128+00	
Port Authority <small>connecting people to life</small>	CONTRACT NO. BRT-001
	DWG. NO. MT143 SHT. 1056



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE C
SHEET 3 OF 6

[FOR ROADWAY PLAN SEE SHEET 384]



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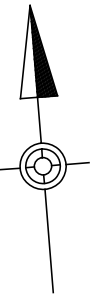
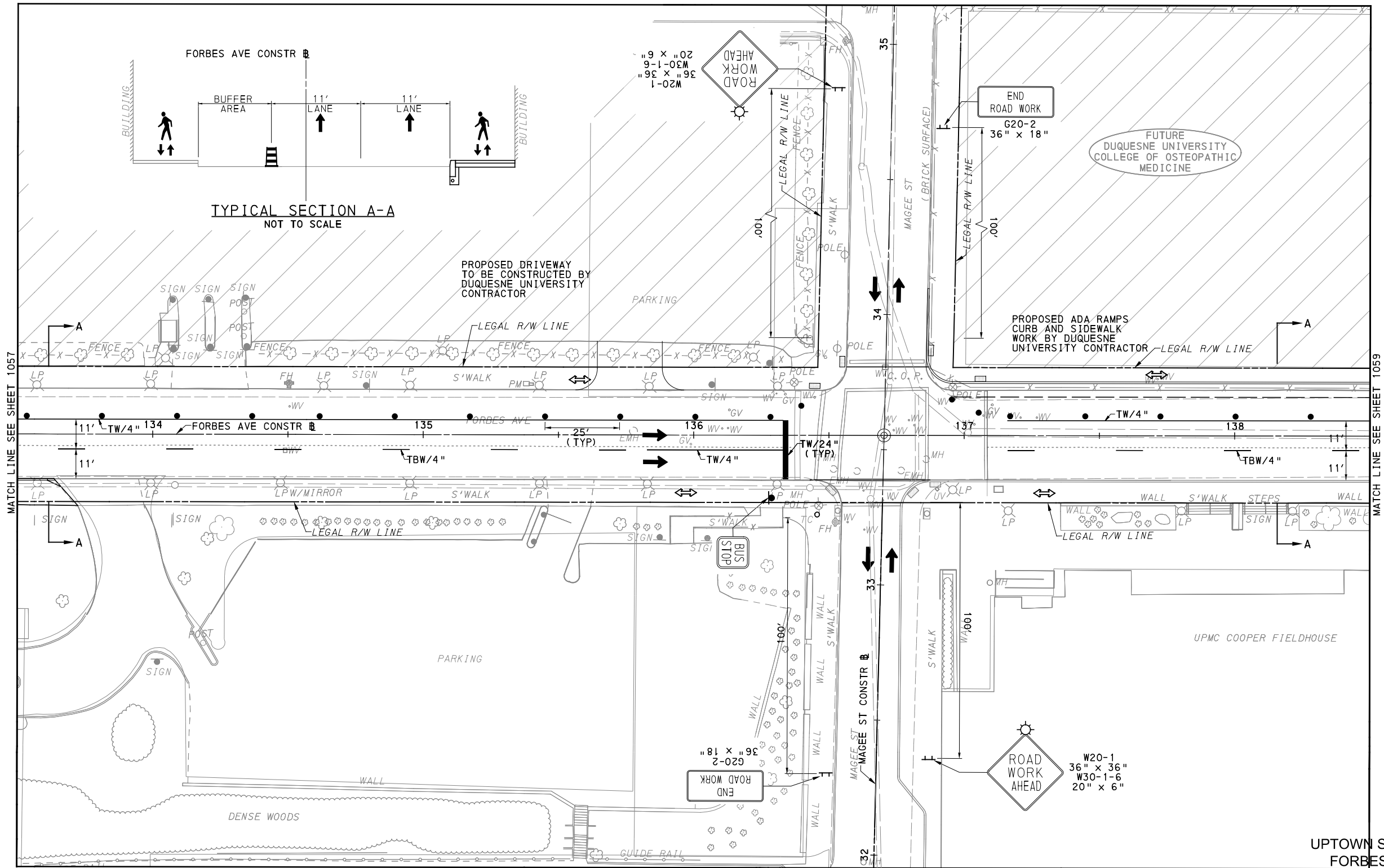
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PITTSBURGH PENNSYLVANIA

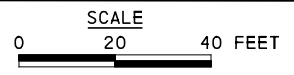
BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2C / FORBES AVE - STA 128+00 TO STA 133+50

	CONTRACT NO. BRT-001	
	DWG. NO. MT144	SHT. 1057



MATCH LINE SEE SHEET 1057

MATCH LINE SEE SHEET 1059



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE C
SHEET 4 OF 6

[FOR ROADWAY PLAN SEE SHEET 385]

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Pittsburgh, PA. 15220

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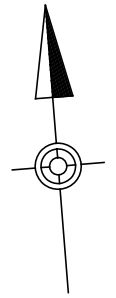
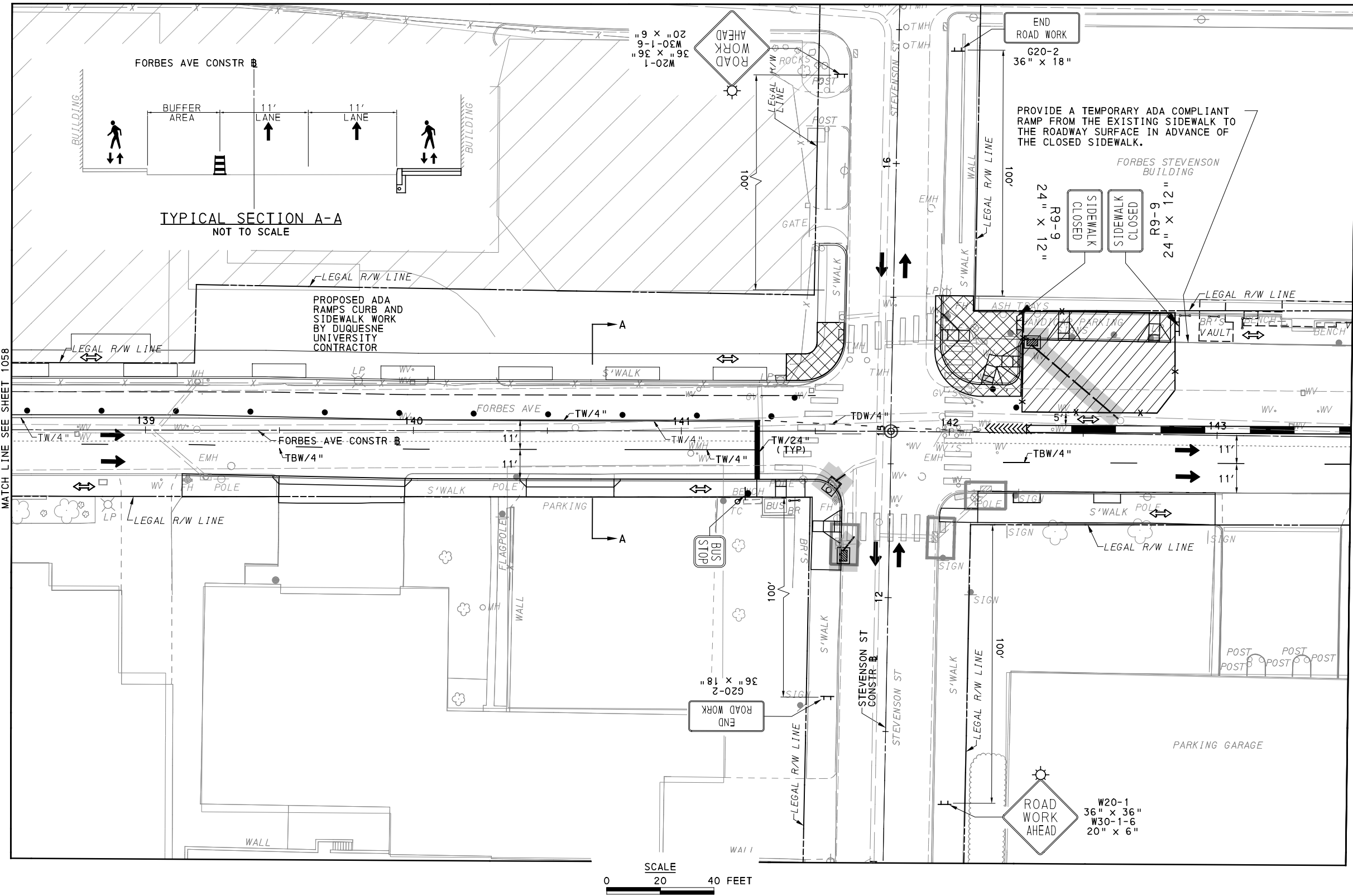
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IN CHARGE	GEC
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PORT AUTHORITY OF ALLEGHENY COUNTY PITTSBURGH PENNSYLVANIA	
BUS RAPID TRANSIT UPTOWN TO OAKLAND MAINTENANCE & PROTECTION OF TRAFFIC PLANS PHASE 2C / FORBES AVE - STA 133+50 TO STA 138+50	
Port Authority <small>connecting people to life™</small>	CONTRACT NO. BRT-001
	DWG. NO. MT145 SHT. 1058

PLOTTED: 3/22/2024 1:42:14 AM

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UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE C
SHEET 5 OF 6

[FOR ROADWAY PLAN SEE SHEET 386]



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PITTSBURGH PENNSYLVANIA

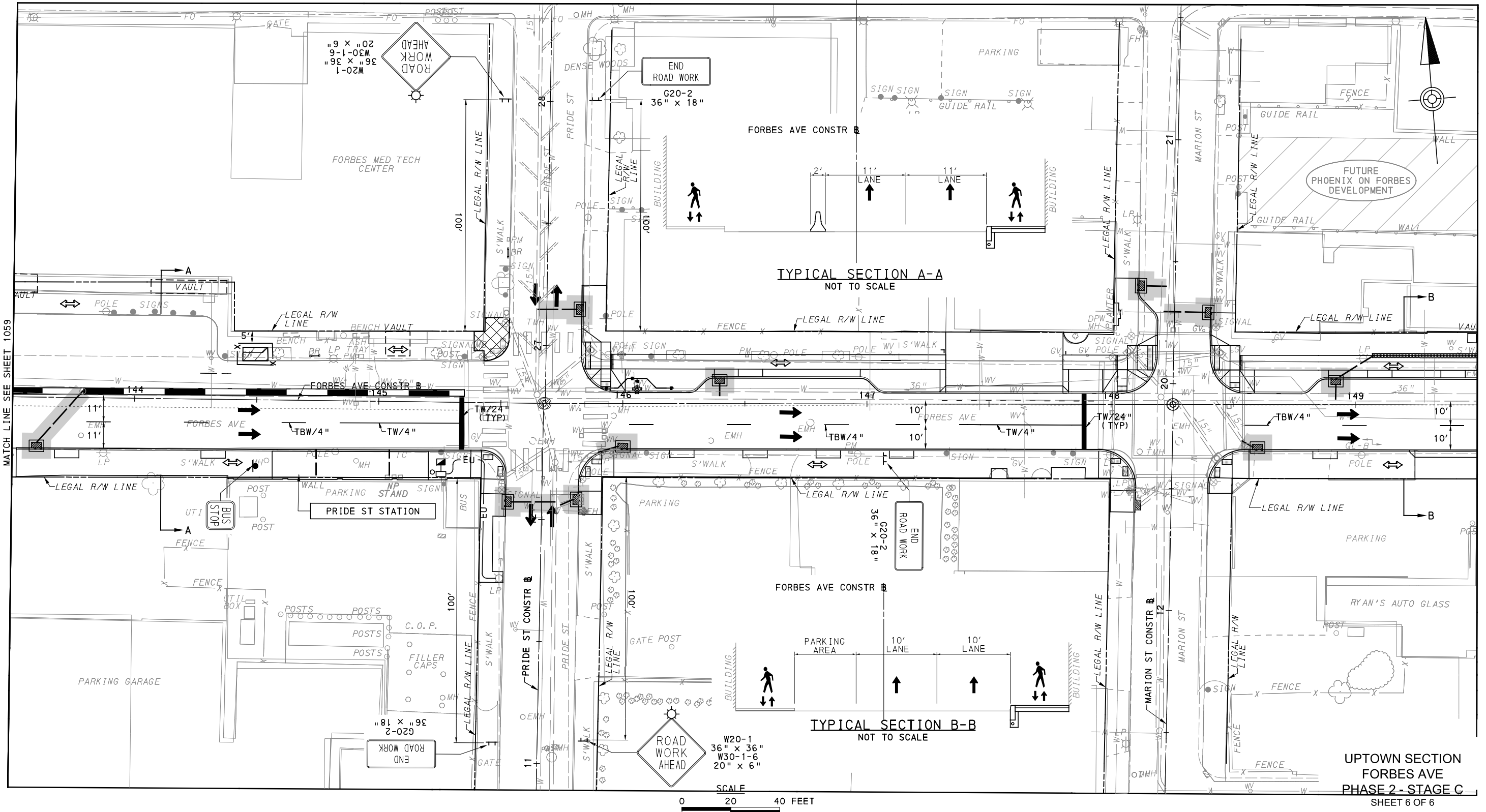
**BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2C / FORBES AVE - STA 138+50 TO STA 143+50**



CONTRACT NO. BRT-001

DWG. NO. MT146

SHT. 1059



UPTOWN SECTION
FORBES AVE
PHASE 2 - STAGE C
SHEET 6 OF 6

[FOR ROADWAY PLAN SEE SHEET 387]

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PITTSBURGH PENNSYLVANIA

**BUS RAPID TRANSIT UPTOWN TO OAKLAND
MAINTENANCE & PROTECTION OF TRAFFIC PLANS
PHASE 2C / FORBES AVE - STA 143+50 TO STA 149+50**

Port Authority connecting people to life™

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DWG. NO. MT147 SHT. 1060