METROPOLITAN COUNCIL

SOUTHWEST
Green Line LRT Extension

CIVIL CONSTRUCTION

VOLUME 2B
CIVIL

PLAN PACKAGE INDEX / DESCRIPTION	
CIVIL CONSTRUCTION	BID ALTERNATES
VOLUME 1 - EXISTING CONDITIONS & REMOVALS	VOLUME A - NOT USED
VOLUME 2A - CIVIL	VOLUME B - NOT USED
VOLUME 2B - CIVIL	VOLUME C - BID ALTERNATE 3 (LRCI 5) ▲
VOLUME 3A - TRACKWORK	VOLUME D - BID ALTERNATE 4 (LRCI 6) ▲
VOLUME 3B - TRACKWORK	VOLUME E - BID ALTERNATE 5 (LRCI 7) ▲
VOLUME 3C - TRACKWORK DETAILS	VOLUME F - BID ALTERNATE 6 (LRCI 8) ▲
VOLUME 4A - BRIDGES	VOLUME G - BID ALTERNATE 7 (LRCI 4) ▲
VOLUME 4B - BRIDGES	VOLUME H - BID ALTERNATE 8 (LRCI 10) ▲
VOLUME 4C - BRIDGES	VOLUME I - BID ALTERNATE 9 (LRCI 11) ▲
VOLUME 4D - BRIDGES	VOLUME J - BID ALTERNATE 10 (LRCI 12)
VOLUME 4E - BRIDGES	VOLUME K - BID ALTERNATE 11 (LRCI 13)
VOLUME 4F - BRIDGES	VOLUME L - BID ALTERNATE 12 (LRCI 14)
VOLUME 4G - BRIDGES	VOLUME M - BID ALTERNATE 13 (LRCI 26)
VOLUME 5 - TUNNELS	VOLUME N - BID ALTERNATE 14 (LRCI 27)
VOLUME 6 - RETAINING WALLS	VOLUME O - BID ALTERNATE 15 (LRCI 17)
VOLUME 7 - UTILITIES	VOLUME P - BID ALTERNATE 20 (LRCI 32)
VOLUME 8 - DRAINAGE	VOLUME Q - BID ALTERNATE 21 (LRCI 33)
VOLUME 9 - URBAN DESIGN / LANDSCAPE	
VOLUME 10A - TRAFFIC	
VOLUME 10B - LIGHTING *	
VOLUME 11A - STATIONS ▲	
VOLUME 11B - STATIONS	
VOLUME 11C - STATIONS	
VOLUME 11D - STATIONS	
VOLUME 11E - STATIONS	
VOLUME 12 - SYSTEMS	

* TO BE SUBMITTED AT A LATER DATE
▲ SUBMITTED AT 75%, NOT INCLUDED IN 90%

THE PROPOSED SOUTHWEST LRT PROJECT IS NOT FINAL BUT IS STILL UNDER ENVIRONMENTAL REVIEW AND THE PROJECT IS SUBJECT TO CHANGE. THESE PLANS ARE NOT FINAL.

THE COUNCIL, THROUGH THE DEVELOPMENT OF THESE PLANS, DOES NOT INTEND THAT THEY WILL PREJUDICE OR COMPROMISE ANY STATE OR FEDERAL ENVIRONMENTAL REVIEW OR OTHER LEGAL REQUIREMENTS. THESE PLANS DO NOT LIMIT THE PROJECT DESIGN ALTERNATIVES OR MITIGATIVE MEASURES THAT THE COUNCIL MAY UNDERTAKE IF THE PROPOSED SWLRT PROJECT PROCEEDS TO CONSTRUCTION.

THE COUNCIL WILL NOT TAKE FINAL ACTION ON THIS MATTER UNLESS THE COUNCIL PROCEEDS WITH THE PROJECT AFTER THE FTA'S RECORD OF DECISION AND THE COUNCIL'S DETERMINATION OF ADEQUACY.

90% SUBMISSION
DATE : 01/22/16

AECOM

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
	VOLUME 2B - CIVIL				
1	00-GEN-CVR-001	COVER SHEET			
2	00-GEN-IDX-001	VOLUME INDEX OF PLAN SHEETS 1			
3	00-GEN-IDX-002	VOLUME INDEX OF PLAN SHEETS 2			
4	W0-GEN-KEY-001	GENERAL KEY MAP 1			
5	E0-GEN-KEY-002	GENERAL KEY MAP 2			
6	00-GEN-NTS-001	GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS SHEET 1			
7	00-GEN-NTS-002	GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS SHEET 2			
8	W1-CIV-SUP-001	ROADWAY SUPERELEVATION PLANS SHEET 1			
9	W1-CIV-SUP-002	ROADWAY SUPERELEVATION PLANS SHEET 2			
10	W1-CIV-SUP-003	ROADWAY SUPERELEVATION PLANS SHEET 3			
11	W1-CIV-SUP-004	ROADWAY SUPERELEVATION PLANS SHEET 4			
12	W2-CIV-SUP-001	ROADWAY SUPERELEVATION PLANS SHEET 5			
13	W3-CIV-SUP-001	ROADWAY SUPERELEVATION PLANS SHEET 6			
14	E1-CIV-SUP-001	ROADWAY SUPERELEVATION PLANS SHEET 7			
15	E1-CIV-SUP-002	ROADWAY SUPERELEVATION PLANS SHEET 8			
16	E2-CIV-SUP-001	ROADWAY SUPERELEVATION PLANS SHEET 9			
17	E2-CIV-SUP-002	ROADWAY SUPERELEVATION PLANS SHEET 10			
18	E3-CIV-SUP-001	ROADWAY SUPERELEVATION PLANS SHEET 11			
19	W1-CIV-INT-001	ROADWAY INTERSECTION DETAILS SHEET 1			
20	W1-CIV-INT-002	ROADWAY INTERSECTION DETAILS SHEET 2			
21	W1-CIV-INT-003	ROADWAY INTERSECTION DETAILS SHEET 3			
22	W1-CIV-INT-004	ROADWAY INTERSECTION DETAILS SHEET 4			
23	W1-CIV-INT-005	ROADWAY INTERSECTION DETAILS SHEET 5			
24	W1-CIV-INT-006	ROADWAY INTERSECTION DETAILS SHEET 6			
25	W1-CIV-INT-007	ROADWAY INTERSECTION DETAILS SHEET 7			
26	W1-CIV-INT-008	ROADWAY INTERSECTION DETAILS SHEET 8			
27	W1-CIV-INT-009	ROADWAY INTERSECTION DETAILS SHEET 9			
28	W1-CIV-INT-010	ROADWAY INTERSECTION DETAILS SHEET 10			
29	W1-CIV-INT-011	ROADWAY INTERSECTION DETAILS SHEET 11			
30	W2-CIV-INT-001	ROADWAY INTERSECTION DETAILS SHEET 12			
31	W2-CIV-INT-002	ROADWAY INTERSECTION DETAILS SHEET 13			
32	W2-CIV-INT-003	ROADWAY INTERSECTION DETAILS SHEET 14			
33	W2-CIV-INT-004	ROADWAY INTERSECTION DETAILS SHEET 15			
34	W2-CIV-INT-005	ROADWAY INTERSECTION DETAILS SHEET 16			
35	W3-CIV-INT-001	ROADWAY INTERSECTION DETAILS SHEET 17			
36	W3-CIV-INT-002	ROADWAY INTERSECTION DETAILS SHEET 18			
37	W3-CIV-INT-003	ROADWAY INTERSECTION DETAILS SHEET 19			
38	W3-CIV-INT-004	ROADWAY INTERSECTION DETAILS SHEET 20			
39	W3-CIV-INT-005	ROADWAY INTERSECTION DETAILS SHEET 21			
40	W3-CIV-INT-006	ROADWAY INTERSECTION DETAILS SHEET 22			
41	W3-CIV-INT-007	ROADWAY INTERSECTION DETAILS SHEET 23			
42	W3-CIV-INT-008	ROADWAY INTERSECTION DETAILS SHEET 24			
43	W3-CIV-INT-009	ROADWAY INTERSECTION DETAILS SHEET 25			
44	W3-CIV-INT-010	ROADWAY INTERSECTION DETAILS SHEET 26			
45	E1-CIV-ADA-001	ROADWAY INTERSECTION DETAILS SHEET 27			
46	E1-CIV-ADA-002	ROADWAY INTERSECTION DETAILS SHEET 28			
47	E1-CIV-ADA-003	ROADWAY INTERSECTION DETAILS SHEET 29			
48	E1-CIV-ADA-004	ROADWAY INTERSECTION DETAILS SHEET 30			
49	E1-CIV-ADA-005	ROADWAY INTERSECTION DETAILS SHEET 31			
50	E1-CIV-ADA-006	ROADWAY INTERSECTION DETAILS SHEET 32			
51	E1-CIV-ADA-007	ROADWAY INTERSECTION DETAILS SHEET 33			
52	E1-CIV-ADA-008	ROADWAY INTERSECTION DETAILS SHEET 34			
53	E1-CIV-ADA-009	ROADWAY INTERSECTION DETAILS SHEET 35			
54	E1-CIV-ADA-010	ROADWAY INTERSECTION DETAILS SHEET 36			
55	E1-CIV-ADA-011	ROADWAY INTERSECTION DETAILS SHEET 37			
56	E1-CIV-ADA-012	ROADWAY INTERSECTION DETAILS SHEET 38			
57	E1-CIV-ADA-013	ROADWAY INTERSECTION DETAILS SHEET 39			
58	E1-CIV-ADA-014	ROADWAY INTERSECTION DETAILS SHEET 40			
59	E1-CIV-ADA-015	ROADWAY INTERSECTION DETAILS SHEET 41			
60	E1-CIV-ADA-016	ROADWAY INTERSECTION DETAILS SHEET 42			
61	E2-CIV-ADA-001	ROADWAY INTERSECTION DETAILS SHEET 43			
62	E2-CIV-ADA-002	ROADWAY INTERSECTION DETAILS SHEET 44			
63	E2-CIV-ADA-003	ROADWAY INTERSECTION DETAILS SHEET 45			
64	E2-CIV-ADA-004	ROADWAY INTERSECTION DETAILS SHEET 46			
65	E2-CIV-ADA-005	ROADWAY INTERSECTION DETAILS SHEET 47			
66	E2-CIV-ADA-006	ROADWAY INTERSECTION DETAILS SHEET 48			
67	E2-CIV-ADA-007	ROADWAY INTERSECTION DETAILS SHEET 49			
68	E2-CIV-ADA-008	ROADWAY INTERSECTION DETAILS SHEET 50			
69	E2-CIV-ADA-009	ROADWAY INTERSECTION DETAILS SHEET 51			
70	E2-CIV-ADA-010	ROADWAY INTERSECTION DETAILS SHEET 52			

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
71	E2-CIV-ADA-011	ROADWAY INTERSECTION DETAILS SHEET 53			
72	E2-CIV-ADA-012	ROADWAY INTERSECTION DETAILS SHEET 54			
73	E2-CIV-ADA-013	ROADWAY INTERSECTION DETAILS SHEET 55			
74	E2-CIV-ADA-014	ROADWAY INTERSECTION DETAILS SHEET 56			
75	E2-CIV-ADA-015	ROADWAY INTERSECTION DETAILS SHEET 57			
76	E2-CIV-ADA-016	ROADWAY INTERSECTION DETAILS SHEET 58			
77	E3-CIV-ADA-001	ROADWAY INTERSECTION DETAILS SHEET 59			
78	E3-CIV-ADA-002	ROADWAY INTERSECTION DETAILS SHEET 60			
79	E3-CIV-ADA-003	ROADWAY INTERSECTION DETAILS SHEET 61			
80	E3-CIV-ADA-004	ROADWAY INTERSECTION DETAILS SHEET 62			
81	E3-CIV-ADA-005	ROADWAY INTERSECTION DETAILS SHEET 63			
82	E3-CIV-ADA-006	ROADWAY INTERSECTION DETAILS SHEET 64			
83	E3-CIV-ADA-007	ROADWAY INTERSECTION DETAILS SHEET 65			
84	E3-CIV-ADA-008	ROADWAY INTERSECTION DETAILS SHEET 66			
85	E3-CIV-ADA-009	ROADWAY INTERSECTION DETAILS SHEET 67			
86	E3-CIV-ADA-010	ROADWAY INTERSECTION DETAILS SHEET 68			
87	E3-CIV-ADA-011	ROADWAY INTERSECTION DETAILS SHEET 69			
88	E3-CIV-ADA-012	ROADWAY INTERSECTION DETAILS SHEET 70			
89	E3-CIV-ADA-013	ROADWAY INTERSECTION DETAILS SHEET 71			
90	E3-CIV-ADA-014	ROADWAY INTERSECTION DETAILS SHEET 72			
91	E3-CIV-ADA-015	ROADWAY INTERSECTION DETAILS SHEET 73			
92	E3-CIV-ADA-016	ROADWAY INTERSECTION DETAILS SHEET 74			
93	E3-CIV-ADA-017	ROADWAY INTERSECTION DETAILS SHEET 75			
94	E3-CIV-ADA-018	ROADWAY INTERSECTION DETAILS SHEET 76			
95	E3-CIV-ADA-019	ROADWAY INTERSECTION DETAILS SHEET 77			
96	E4-CIV-ADA-001	ROADWAY INTERSECTION DETAILS SHEET 78			
97	E4-CIV-ADA-002	ROADWAY INTERSECTION DETAILS SHEET 79			
98	E4-CIV-ADA-003	ROADWAY INTERSECTION DETAILS SHEET 80			
99	E4-CIV-ADA-004	ROADWAY INTERSECTION DETAILS SHEET 81			
100	E4-CIV-ADA-005	ROADWAY INTERSECTION DETAILS SHEET 82			
101	E4-CIV-ADA-006	ROADWAY INTERSECTION DETAILS SHEET 83			
102	E4-CIV-ADA-007	ROADWAY INTERSECTION DETAILS SHEET 84			
103	E4-CIV-ADA-008	ROADWAY INTERSECTION DETAILS SHEET 85			
104	E4-CIV-ADA-009	ROADWAY INTERSECTION DETAILS SHEET 86			
105	E4-CIV-ADA-010	ROADWAY INTERSECTION DETAILS SHEET 87			
106	E4-CIV-ADA-011	ROADWAY INTERSECTION DETAILS SHEET 88			
107	E4-CIV-ADA-012	ROADWAY INTERSECTION DETAILS SHEET 89			
108	E4-CIV-ADA-013	ROADWAY INTERSECTION DETAILS SHEET 90			
109	E4-CIV-ADA-014	ROADWAY INTERSECTION DETAILS SHEET 91			
110	E4-CIV-ADA-015	ROADWAY INTERSECTION DETAILS SHEET 92			
111	E4-CIV-ADA-016	ROADWAY INTERSECTION DETAILS SHEET 93			
112	E4-CIV-ADA-017	ROADWAY INTERSECTION DETAILS SHEET 94			
113	E4-CIV-ADA-018	ROADWAY INTERSECTION DETAILS SHEET 95			
114	E4-CIV-ADA-019	ROADWAY INTERSECTION DETAILS SHEET 96			
115	E4-CIV-ADA-020	ROADWAY INTERSECTION DETAILS SHEET 97			
116	E4-CIV-ADA-021	ROADWAY INTERSECTION DETAILS SHEET 98			
117	E4-CIV-ADA-022	ROADWAY INTERSECTION DETAILS SHEET 99			
118	E4-CIV-ADA-023	ROADWAY INTERSECTION DETAILS SHEET 100			
119	W2-CIV-ALG-017	TRAIL ALIGNMENT PLANS SHEET 1			
120	W3-CIV-ALG-008	TRAIL ALIGNMENT PLANS SHEET 2			
121	W3-CIV-ALG-009	TRAIL ALIGNMENT PLANS SHEET 3			
122	W3-CIV-ALG-010	TRAIL ALIGNMENT PLANS SHEET 4			
123	W3-CIV-ALG-011	TRAIL ALIGNMENT PLANS SHEET 5			
124	W3-CIV-ALG-012	TRAIL ALIGNMENT PLANS SHEET 6			
125	W3-CIV-ALG-013	TRAIL ALIGNMENT PLANS SHEET 7			
126	E0-TRL-ALG-001	TRAIL ALIGNMENT PLANS SHEET 8			
127	E0-TRL-ALG-002	TRAIL ALIGNMENT PLANS SHEET 9			
128	E0-TRL-ALG-003	TRAIL ALIGNMENT PLANS SHEET 10			
129	E0-TRL-ALG-004	TRAIL ALIGNMENT PLANS SHEET 11			
130	E0-TRL-ALG-005	TRAIL ALIGNMENT PLANS SHEET 12			
131	E0-TRL-ALG-006	TRAIL ALIGNMENT PLANS SHEET 13			
132	E0-TRL-ALG-007	TRAIL ALIGNMENT PLANS SHEET 14			
133	E0-TRL-ALG-008	TRAIL ALIGNMENT PLANS SHEET 15			
134	E0-TRL-ALG-009	TRAIL ALIGNMENT PLANS SHEET 16			
135	E0-TRL-ALG-010	TRAIL ALIGNMENT PLANS SHEET 17			
136	E0-TRL-ALG-011	TRAIL ALIGNMENT PLANS SHEET 18			
137	E0-TRL-ALG-012	TRAIL ALIGNMENT PLANS SHEET 19			
138	E0-TRL-ALG-013	TRAIL ALIGNMENT PLANS SHEET 20			
139	E0-TRL-ALG-014	TRAIL ALIGNMENT PLANS SHEET 21			
140	E0-TRL-ALG-015	TRAIL ALIGNMENT PLANS SHEET 22			
141	E0-TRL-ALG-016	TRAIL ALIGNMENT PLANS SHEET 23			
142	E0-TRL-ALG-017	TRAIL ALIGNMENT PLANS SHEET 24			
143	E0-TRL-ALG-018	TRAIL ALIGNMENT PLANS SHEET 25			

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
144	E0-TRL-ALG-019	TRAIL ALIGNMENT PLANS SHEET 26			
145	W2-CIV-TAB-006	TRAIL ALIGNMENT TABULATIONS SHEET 1			
146	W3-CIV-TAB-004	TRAIL ALIGNMENT TABULATIONS SHEET 2			
147	W3-CIV-TAB-005	TRAIL ALIGNMENT TABULATIONS SHEET 3			
148	W3-CIV-TAB-006	TRAIL ALIGNMENT TABULATIONS SHEET 4			
149	W3-CIV-TAB-007	TRAIL ALIGNMENT TABULATIONS SHEET 5			
150	E0-TRL-ALG-020	TRAIL ALIGNMENT TABULATIONS SHEET 6			
151	E0-TRL-ALG-021	TRAIL ALIGNMENT TABULATIONS SHEET 7			
152	E0-TRL-ALG-022	TRAIL ALIGNMENT TABULATIONS SHEET 8			
153	E0-TRL-ALG-023	TRAIL ALIGNMENT TABULATIONS SHEET 9			
154	E0-TRL-ALG-024	TRAIL ALIGNMENT TABULATIONS SHEET 10			
155	E0-TRL-ALG-025	TRAIL ALIGNMENT TABULATIONS SHEET 11			
156	E0-TRL-ALG-026	TRAIL ALIGNMENT TABULATIONS SHEET 12			
157	E0-TRL-ALG-027	TRAIL ALIGNMENT TABULATIONS SHEET 13			
158	E0-TRL-ALG-028	TRAIL ALIGNMENT TABULATIONS SHEET 14			
159	E0-TRL-ALG-029	TRAIL ALIGNMENT TABULATIONS SHEET 15			
160	E0-TRL-ALG-030	TRAIL ALIGNMENT TABULATIONS SHEET 16			
161	E0-TRL-ALG-031	TRAIL ALIGNMENT TABULATIONS SHEET 17			
162	E0-TRL-ALG-032	TRAIL ALIGNMENT TABULATIONS SHEET 18			
163	E0-TRL-ALG-033	TRAIL ALIGNMENT TABULATIONS SHEET 19			
164	E0-TRL-ALG-034	TRAIL ALIGNMENT TABULATIONS SHEET 20			
165	E0-TRL-ALG-035	TRAIL ALIGNMENT TABULATIONS SHEET 21			
166	E0-TRL-ALG-036	TRAIL ALIGNMENT TABULATIONS SHEET 22			
167	E0-TRL-ALG-037	TRAIL ALIGNMENT TABULATIONS SHEET 23			
168	E0-TRL-ALG-038	TRAIL ALIGNMENT TABULATIONS SHEET 24			
169	E0-TRL-ALG-039	TRAIL ALIGNMENT TABULATIONS SHEET 25			
170	W2-CIV-TYP-007	TRAIL TYPICAL SECTIONS SHEET 1			
171	W3-CIV-TYP-007	TRAIL TYPICAL SECTIONS SHEET 2			
172	W3-CIV-TYP-008	TRAIL TYPICAL SECTIONS SHEET 3			
173	W2-CIV-TRL-001	TRAIL 1 PLAN AND PROFILE	59+50	66+50	
174	W2-CIV-TRL-002	TRAIL 2 PLAN AND PROFILE	79+65	86+12	
175	W3-CIV-TRL-001	TRAIL 2 PLAN AND PROFILE	89+00	95+50	
176	W3-CIV-TRL-002	TRAIL 2 PLAN AND PROFILE	95+50	103+50	
177	W3-CIV-TRL-003	TRAIL 3 PLAN AND PROFILE	0+00	1+72	
178	W3-CIV-TRL-004	TRAIL 4 PLAN AND PROFILE	31+00	36+22	
179	W3-CIV-TRL-005	TRAIL 5 PLAN AND PROFILE	0+00	4+50	
180	W3-CIV-TRL-006	TRAIL 5 PLAN AND PROFILE	4+50	8+50	
181	W3-CIV-TRL-007	TRAIL 5 PLAN AND PROFILE	8+50	13+13	
182	W3-CIV-TRL-008	TRAIL 6 PLAN AND PROFILE	25+00	32+50	
183	W3-CIV-TRL-009	TRAIL 6 PLAN AND PROFILE	35+50	42+00	
184	W3-CIV-TRL-010	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	10+00	17+00	
185	W3-CIV-TRL-011	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	17+00	23+50	
186	W3-CIV-TRL-012	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	23+50	30+25	
187	E1-TRL-PRF-001	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	106+00	113+00	
188	E1-TRL-PRF-002	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	113+00	119+50	
189	E1-TRL-PRF-003	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	119+50	126+50	
190	E1-TRL-PRF-004	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	126+50	133+50	
191	E1-TRL-PRF-005	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	133+50	139+50	
192	E1-TRL-PRF-006	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	139+50	146+00	
193	E1-TRL-PRF-007	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	146+00	151+72	
194	E1-TRL-PRF-008	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	160+00	166+00	
195	E1-TRL-PRF-009	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	166+00	173+00	
196	E1-TRL-PRF-010	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	173+00	180+00	
197	E1-TRL-PRF-011	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	180+00	187+00	
198	E1-TRL-PRF-012	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	187+00	194+00	
199	E1-TRL-PRF-013	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	194+00	200+29.49	
200	E2-TRL-PRF-001	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	200+30.73	206+00	
201	E2-TRL-PRF-002	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	206+00	213+00	
202	E2-TRL-PRF-003	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	213+00	220+00	
203	E2-TRL-PRF-004	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	220+00	227+00	
204	E2-TRL-PRF-005	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	227+00	234+00	
205	E2-TRL-PRF-006	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	234+00	241+00	
206	E2-TRL-PRF-007	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	241+00	248+00	
207	E2-TRL-PRF-008	LOUISIANA STATION UNDERPASS PLAN AND PROFILE	9+00	11+77.06	
208	E2-TRL-PRF-009	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	248+00	255+00	
209	E2-TRL-PRF-010	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	255+00	262+00	
210	E2-TRL-PRF-011	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	262+00	269+00	
211	E2-TRL-PRF-012	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	269+00	276+00	
212	E2-TRL-PRF-013	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	276+00	283+00	
213	E2-TRL-PRF-014	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	283+00	290+00	
214	E2-TRL-PRF-015	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	290+00	297+00	
215	E2-TRL-PRF-016	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	297+00	304+00	
216	E2-TRL-PRF-017	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	304+00	311+00	

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
GENERAL
VOLUME INDEX OF PLAN SHEETS
SHEET 1

DISCIPLINE: GENERAL

SHEET NAME: 00-GEN-IDX-001

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
		VOLUME 2B - CIVIL (cont'd)			
217	E2-TRL-PRF-018	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	311+00	318+00	
218	E2-TRL-PRF-019	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	318+00	325+00	
219	E2-TRL-PRF-020	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	325+00	332+00	
220	E2-TRL-PRF-021	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	332+00	339+00	
221	E2-TRL-PRF-022	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	339+00	340+45.85	
222	E3-TRL-PRF-001	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	340+45.85	347+50	
223	E3-TRL-PRF-002	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	347+50	354+50	
224	E3-TRL-PRF-003	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	354+50	361+50	
225	E3-TRL-PRF-004	CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE	361+50	368+50	
226	E3-TRL-PRF-005	CEDAR LAKE LRT REGIONAL TRAIL/MIDTOWN GREENWAY PLAN AND PROFILE	368+50	11+77.06	
227	E3-TRL-PRF-006	KENILWORTH TRAIL PLAN AND PROFILE	380+00	387+00	
228	E3-TRL-PRF-007	KENILWORTH TRAIL PLAN AND PROFILE	387+00	394+00	
229	E3-TRL-PRF-008	KENILWORTH TRAIL PLAN AND PROFILE	394+00	401+00	
230	E3-TRL-PRF-009	KENILWORTH TRAIL PLAN AND PROFILE	401+00	408+00	
231	E3-TRL-PRF-010	KENILWORTH TRAIL PLAN AND PROFILE	408+00	415+00	
232	E3-TRL-PRF-011	KENILWORTH TRAIL PLAN AND PROFILE	415+00	422+00	
233	E3-TRL-PRF-012	KENILWORTH TRAIL PLAN AND PROFILE	422+00	427+50	
234	E3-TRL-PRF-013	KENILWORTH TRAIL PLAN AND PROFILE	427+50	434+50	
235	E3-TRL-PRF-014	KENILWORTH TRAIL PLAN AND PROFILE	434+50	441+50	
236	E3-TRL-PRF-015	KENILWORTH TRAIL PLAN AND PROFILE	441+50	443+20.31	
237	E4-TRL-PRF-001	KENILWORTH TRAIL PLAN AND PROFILE	443+20.50	449+50	
238	E4-TRL-PRF-002	KENILWORTH TRAIL PLAN AND PROFILE	449+50	455+50	
239	E4-TRL-PRF-003	KENILWORTH TRAIL/CEDAR LAKE TRAIL PLAN AND PROFILE	455+50	461+50	
240	E4-TRL-PRF-004	CEDAR LAKE TRAIL PLAN AND PROFILE	461+50	468+00	
241	E4-TRL-PRF-005	CEDAR LAKE TRAIL PLAN AND PROFILE	468+00	474+50	
242	E4-TRL-PRF-006	CEDAR LAKE TRAIL PLAN AND PROFILE	474+50	480+31	
243	E4-TRL-PRF-007	CEDAR LAKE TRAIL PLAN AND PROFILE	449+71	505+50	
244	E4-TRL-PRF-008	CEDAR LAKE TRAIL PLAN AND PROFILE	505+50	512+58.19	
245	E4-TRL-PRF-009	CEDAR LAKE TRAIL PLAN AND PROFILE	550+10	556+12.80	
246	E4-TRL-PRF-010	LUCE LINE REGIONAL TRAIL PLAN AND PROFILE	3+52.26	8+50	
247	E4-TRL-PRF-011	LUCE LINE REGIONAL TRAIL PLAN AND PROFILE	8+50	16+21.15	
248	E1-TRL-PRF-014	TRAIL I PLAN AND PROFILE	11+23	15+73	
249	E1-TRL-PRF-015	TRAIL M PLAN AND PROFILE	2+00	5+62	
250	E1-TRL-PRF-016	TPSS-SW311 ACCESS ROAD PLAN AND PROFILE	0+00	3+81.29	
251	E1-TRL-PRF-017	TPSS-SW312 ACCESS ROAD PLAN AND PROFILE	0+50	7+50	
252	E1-TRL-PRF-018	TPSS-SW312 ACCESS ROAD PLAN AND PROFILE	7+50	14+05.44	
253	E2-TRL-PRF-023	TRAIL Y PLAN AND PROFILE	10+00	15+33.15	
254	E2-TRL-PRF-024	TRAIL Z PLAN AND PROFILE	12+04.33	15+93.03	
255	E2-TRL-PRF-025	WOODDALE WALK PLAN AND PROFILE	10+00	16+36.84	
256	E2-TRL-PRF-026	TRAIL S PLAN AND PROFILE	10+00	15+05.19	
257	E2-TRL-PRF-027	TRAIL D PLAN AND PROFILE	420+00	427+00	
258	E2-TRL-PRF-028	TRAIL D PLAN AND PROFILE	472+00	428+94.05	
259	E2-TRL-PRF-029	TPSS-SW114 ACCESS ROAD PLAN AND PROFILE	1+00	4+86.40	
260	E3-TRL-PRF-016	TRAIL E PLAN AND PROFILE	480+00	482+84.62	
261	E3-TRL-PRF-017	TRAIL F PLAN AND PROFILE	485+88.87	491+42.72	
262	E3-TRL-PRF-018	TRAIL A PLAN AND PROFILE	509+39.03	516+50	
263	E3-TRL-PRF-019	TRAIL A PLAN AND PROFILE	516+50	523+50	
264	E3-TRL-PRF-020	TRAIL A PLAN AND PROFILE	523+50	528+83.36	
265	E3-TRL-PRF-021	TRAIL B PLAN AND PROFILE	631+19.95	638+00	
266	E3-TRL-PRF-022	TRAIL B PLAN AND PROFILE	638+00	643+43.65	
267	E4-TRL-PRF-012	TRAIL B PLAN AND PROFILE	643+50	650+50	
268	E4-TRL-PRF-013	TRAIL B PLAN AND PROFILE	650+50	657+50	
269	E4-TRL-PRF-014	TRAIL B PLAN AND PROFILE	657+50	664+50	
270	E4-TRL-PRF-015	TRAIL B PLAN AND PROFILE	664+50	669+31.15	
271	E4-TRL-PRF-016	TRAIL J AND TRAIL K PLAN AND PROFILE			
272	E4-TRL-PRF-017	TRAIL AA PLAN AND PROFILE	10+31.33	16+57.20	
273	E4-TRL-PRF-018	TRAIL BB AND TRAIL CC PLAN AND PROFILE			
274	E4-TRL-PRF-019	TRAIL H PLAN AND PROFILE	769+05.69	770+90	
275	E4-TRL-PRF-020	TRAIL L PLAN AND PROFILE	676+05.39	697+16.48	
276	E4-TRL-PRF-021	TRAIL V AND TRAIL W PLAN AND PROFILE			
277	E4-TRL-PRF-022	TRAIL R PLAN AND PROFILE	7+95.18	15+00	
278	E4-TRL-PRF-023	TRAIL R PLAN AND PROFILE	15+00	20+98.16	
279	E4-TRL-PRF-024	TRAIL T PLAN AND PROFILE	10+00	13+71.11	
280	W1-CIV-PLN-001	SOUTHWEST STATION PARK AND RIDE SITE PLAN			
281	W1-CIV-PLN-002	VALLEY VIEW ROAD AND FLYING CLOUD DRIVE SITE PLAN			
282	W2-CIV-PLN-001	GOLDEN TRIANGLE PARK AND RIDE SITE PLAN SHEET 1			
283	W2-CIV-PLN-002	GOLDEN TRIANGLE PARK AND RIDE SITE PLAN SHEET 2			
284	W2-CIV-PLN-003	VALLEY VIEW ROAD AND SHADY OAK ROAD SITE PLAN			
285	W2-CIV-PLN-004	SHADY OAK ROAD INTERCHANGE SITE PLAN			

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV
286	W2-CIV-PLN-005	CITY WEST STATION PARK AND RIDE SITE PLAN			
287	W3-CIV-PLN-001	OPUS STATION PARK AND RIDE SITE PLAN			
288	W3-CIV-PLN-002	SHADY OAK STATION PARK AND RIDE SITE PLAN			
289	E1-CIV-PLN-001	DOWNTOWN HOPKINS STATION SITE PLAN			
290	E1-CIV-PLN-002	BLAKE STATION SITE PLAN			
291	E2-CIV-PLN-001	LOUISIANA STATION SITE PLAN	10+00	15+20	
292	E2-CIV-PLN-002	LOUISIANA STATION SITE PLAN	15+20	22+50	
293	E2-CIV-PLN-003	LOUISIANA STATION SITE PLAN	22+50	27+15	
294	E2-CIV-PLN-004	WOODDALE STATION SITE PLAN			
295	E2-CIV-PLN-005	BELTLINE STATION SITE PLAN			
296	E2-CIV-PLN-006	ROADWAY NAME HERE			
297	E3-CIV-PLN-001	WEST LAKE STATION SITE PLAN			
298	E3-CIV-PLN-002	21ST STREET STATION SITE PLAN			
299	E4-CIV-PLN-001	PENN STATION SITE PLAN			
300	E4-CIV-PLN-002	VAN WHITE STATION SITE PLAN WEST			
301	E4-CIV-PLN-003	VAN WHITE STATION SITE PLAN EAST			
302	E4-CIV-PLN-004	ROYALSTON STATION SITE PLAN			

CIVIL CONSTRUCTION

SHT #	SHEET NAME	SHEET DESCRIPTION	STATION	STATION	REV

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

METROPOLITAN COUNCIL

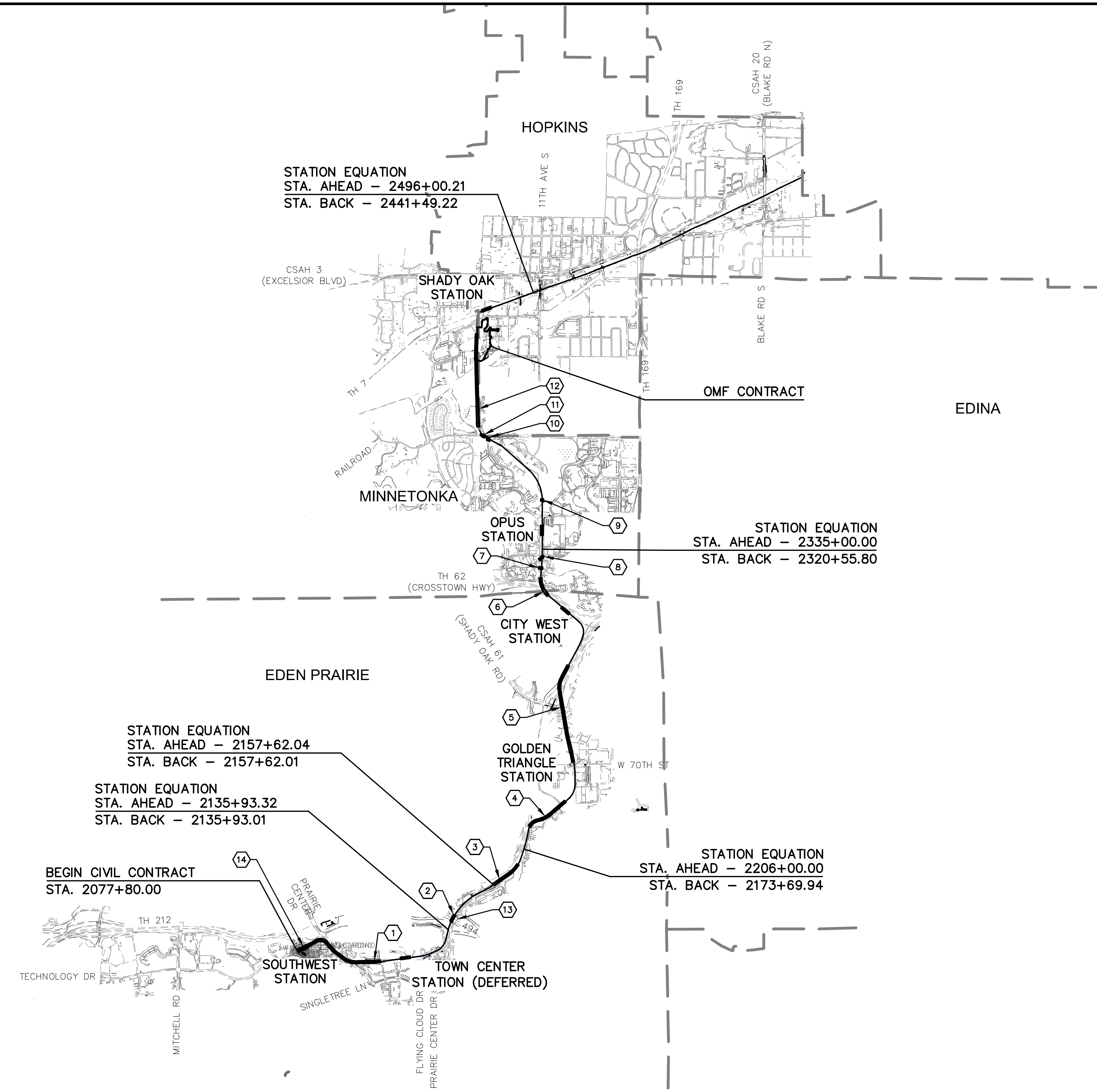
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
GENERAL
VOLUME INDEX OF PLAN SHEETS
SHEET 2

DISCIPLINE: GENERAL

SHEET NAME: 00-GEN-IDX-002



0 2000 4000
SCALE IN FEET

REF	BRIDGE DESCRIPTION	BRIDGE NUMBER
1	PRAIRIE CENTER DRIVE BRIDGE	27C06
2	BRIDGE OVER I–494	27W32
3	VALLEY VIEW RD BRIDGE	27R33
4	NINE MILE CREEK BRIDGE	27C07
5	TH 212 / SHADY OAK ROAD BRIDGE	27R34
6	TH 62 TUNNEL	27W33
7	PEDESTRIAN UNDERPASS #2	27J63
8	PEDESTRIAN UNDERPASS #1	27J62
9	PEDESTRIAN UNDERPASS #5	R0715
10	FELTL ROAD BRIDGE	27C08
11	SMETANA ROAD BRIDGE	27C09
12	MINNETONKA / HOPKINS LRT BRIDGE	R0686
13	FLYING CLOUD DRIVE BRIDGE MODIFICATIONS	27762 BA
14	SOUTHWEST STATION BUS LOOP BRIDGE	XXXXX

BA – BID ALTERNATE

Jan. 16 2016 03:14 pm V:\3400_ADC\CAD\CAD MANAGEMENT\DRAWING LIST\COVER SHEETS 90%\W0-GEN-KEY.dwg By: V-KriewaMR

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

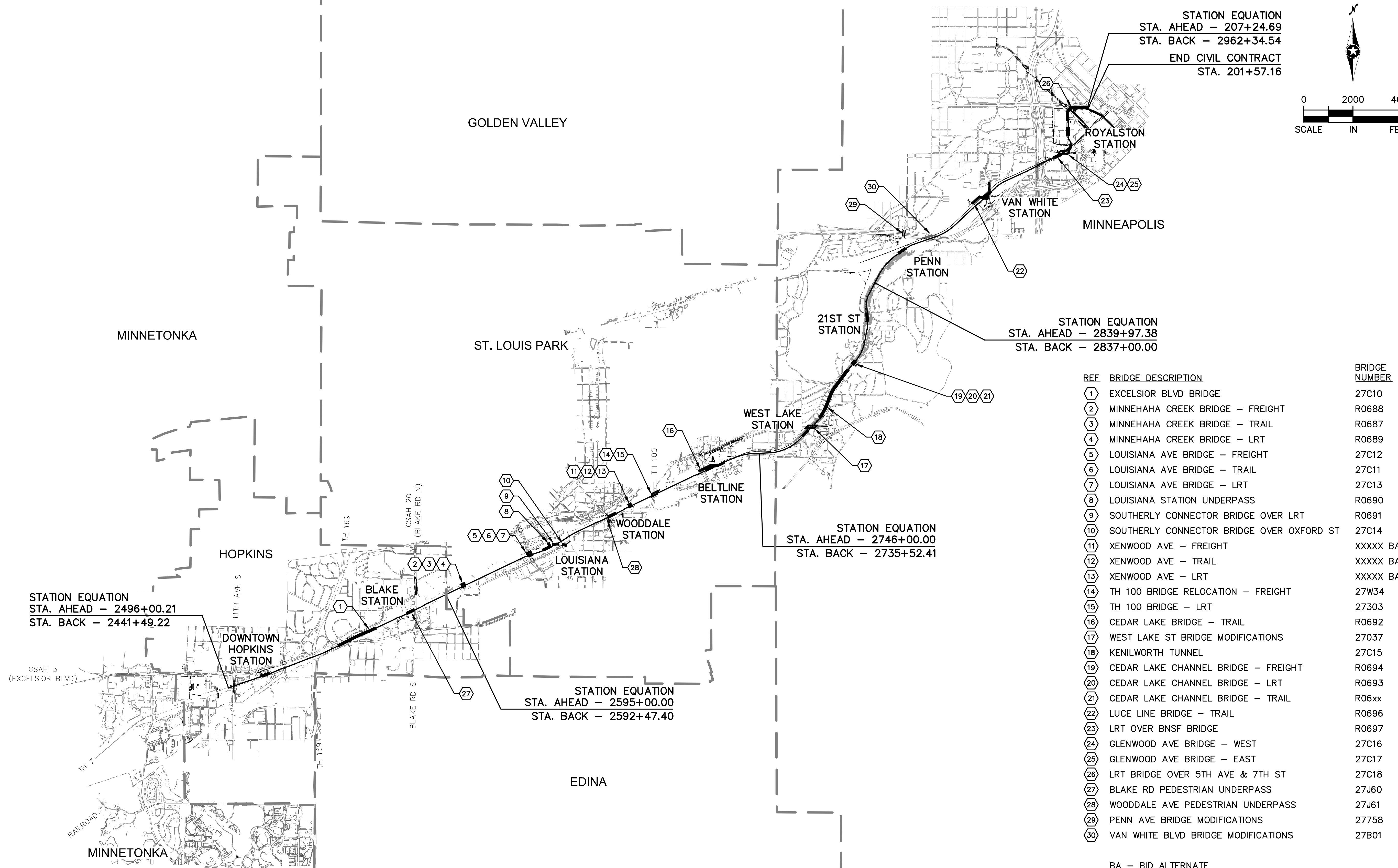
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
GENERAL
KEY MAP
SHEET 1

DISCIPLINE: GENERAL

SHEET NAME: W0-GEN-KEY-001

SHEET 4 OF 302



REF	BRIDGE DESCRIPTION	BRIDGE NUMBER
1	EXCELSIOR BLVD BRIDGE	27C10
2	MINNEHAHA CREEK BRIDGE – FREIGHT	R0688
3	MINNEHAHA CREEK BRIDGE – TRAIL	R0687
4	MINNEHAHA CREEK BRIDGE – LRT	R0689
5	LOUISIANA AVE BRIDGE – FREIGHT	27C12
6	LOUISIANA AVE BRIDGE – TRAIL	27C11
7	LOUISIANA AVE BRIDGE – LRT	27C13
8	LOUISIANA STATION UNDERPASS	R0690
9	SOUTHERLY CONNECTOR BRIDGE OVER LRT	R0691
10	SOUTHERLY CONNECTOR BRIDGE OVER OXFORD ST	27C14
11	XENWOOD AVE – FREIGHT	XXXXX BA
12	XENWOOD AVE – TRAIL	XXXXX BA
13	XENWOOD AVE – LRT	XXXXX BA
14	TH 100 BRIDGE RELOCATION – FREIGHT	27W34
15	TH 100 BRIDGE – LRT	27303
16	CEDAR LAKE BRIDGE – TRAIL	R0692
17	WEST LAKE ST BRIDGE MODIFICATIONS	27037
18	KENILWORTH TUNNEL	27C15
19	CEDAR LAKE CHANNEL BRIDGE – FREIGHT	R0694
20	CEDAR LAKE CHANNEL BRIDGE – LRT	R0693
21	CEDAR LAKE CHANNEL BRIDGE – TRAIL	R06xx
22	LUCE LINE BRIDGE – TRAIL	R0696
23	LRT OVER BNSF BRIDGE	R0697
24	GLENWOOD AVE BRIDGE – WEST	27C16
25	GLENWOOD AVE BRIDGE – EAST	27C17
26	LRT BRIDGE OVER 5TH AVE & 7TH ST	27C18
27	BLAKE RD PEDESTRIAN UNDERPASS	27J60
28	WOODDALE AVE PEDESTRIAN UNDERPASS	27J61
29	PENN AVE BRIDGE MODIFICATIONS	27758
30	VAN WHITE BLVD BRIDGE MODIFICATIONS	27B01

BA – BID ALTERNATE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
GENERAL
KEY MAP
SHEET 2

DISCIPLINE: GENERAL

SHEET NAME: E0-GEN-KEY-002

SHEET 5 OF 302

Jan, 16 2016 03:16 pm V:\3400_ADC\CAD MANAGEMENT\DRAWING LIST\COVER SHEETS 90%\E0-GEN-KEY.dwg By: V-KriewaMR

SYMBOLS

	PROPOSED DIRECTIONAL LANE USE
	EXISTING DIRECTIONAL LANE USE
	FLASHER (FREIGHT & PEDESTRIAN)
	CROSSING GATE (FREIGHT & LRT)
	CANTILEVER SIGNAL
	RAIL TURNOUT
	RAIL CROSSOVER (DOUBLE)
	RAIL CROSSOVER (SINGLE)
	POINT OF SWITCH (PS)
	OCS POLE FOUNDATION
	RAIL LUBRICATOR
	POINT OF INTERSECTION (PI)
W2-200	RAILROAD CURVE NUMBER
	ACCESSIBLE PEDESTRIAN CURB RAMP (DESIGN VARIES)
	HANDICAP PARKING STALL
	TACTILE WARNING STRIP
	TPSS BUILDING (TPSS-SW###) – NIC TUNNEL SYSTEMS HOUSE (TSY-SW###) – NIC
	SIGNAL / COMMUNICATION HOUSE – NIC
	STORM SEWER MANHOLE
	STORM SEWER CATCH BASIN
	STORM SEWER FLARED END SECTION
	STORM SEWER CLEAN-OUT
	STORM SEWER PUMP STATION
DTXX INV XXX.XX	DRAINTILE ID
XXXX – ST	STORM SEWER STRUCTURE ID
C E	BUS SHELTER
	ROADWAY / PEDESTRIAN LIGHT

LINETYPES

	ROADWAY ℄
	TRACK ℄ (LRT)
	TRACK ℄ (FRT)
	RETAINING WALL
	BALLAST CURB
	TUNNEL WALL
	FENCE
	EX ROW
	PROP ROW
	PROP TCE
	PROP PE
	FENCE / RAILING
ID ID	FREIGHT INTRUSION DETECTION
	CONCRETE CURB AND GUTTER
	TRAIL (WIDTH VARIES)
	SIDEWALK
	DRIVEWAY
	BRIDGE
	SAWCUT
	DELINEATED WETLAND
	BMP (NWL) WATER EDGE
	PROPOSED FLOODPLAIN MITIGATION AREA
	SILT FENCE
	BALE BARRIER
	STORM SEWER
	CASING PIPE
	PIPE REMOVAL
	STRUCTURE REMOVAL
	FLOATING SILT FENCE
	SUPER DUTY SILT FENCE
	CONSTRUCTION LIMITS
	ROCK WEEPER
	DIVERSION DITCH
	OVERLAND FLOW
	CROSSWALK
	STOP BAR
	MEDIAN NOSE
EP-EP-18	WETLAND ID

CONSTRUCTION PACKAGE NOTE

NOTE: THE SWLRT CONSTRUCTION IS BEING IMPLEMENTED THROUGH THREE MAIN CONSTRUCTION PACKAGES; CIVIL, SYSTEMS & TUNNEL FACILITIES (SYS), AND OPERATIONS & MAINTENANCE FACILITY (OMF). CERTAIN SYS AND OMF SYMBOLS ARE SHOWN ON THE CIVIL CONTRACT PLANS FOR INFORMATION ONLY AND CERTAIN FACILITIES ARE NOT PART OF THE CIVIL CONTRACT.

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

ABBREVIATIONS

3-2 (EG)	SIGNAL HEAD NUMBER (PHASE 3, NO. 2)
AD	ALGEBRAIC DIFFERENCE
AVE	AVENUE
AWF	ADVANCE WARNING FLASHER
BA	BID ALTERNATE
BGN	BEGIN
BP	BEGINNING POINT
BVCE	BEGINNING VERTICAL CURVE ELEVATION
BVCS	BEGINNING VERTICAL CURVE STATION
BLVD	BOULEVARD
BMP	BEST MANAGEMENT PRACTICE
BNSF	BURLINGTON NORTHERN SANTA FE RAILWAY
C&G	CURB AND GUTTER
℄	CENTERLINE
CB	CATCH BASIN
CE	CLEARANCE ENVELOPE
CIR	CIRCLE
CO	DRAINTILE CLEANOUT STRUCTURE
CP	CANADIAN PACIFIC
CPRAIL	CANADIAN PACIFIC RAILWAY
CS	CURVE TO SPIRAL
CSAH	COUNTY STATE AID HIGHWAY
D&U	DRAINAGE AND UTILITY
DF	DIRECT FIXATION
DR	DRIVE
DT	DRAINTILE
DTL	DETAIL
DWY	DRIVEWAY
E	EAST
Ea	ACTUAL SUPERELEVATION (INCHES)
EB	EAST BOUND
EL or ELEV	ELEVATION
EP	ENDING POINT
ESMT	EASEMENT
Eu	UNBALANCED SUPERELEVATION (INCHES)
EVCE	ENDING VERTICAL CURVE ELEVATION
EVCS	ENDING VERTICAL CURVE STATION
EVP	EMERGENCY VEHICLE PRE-EMPTION
EX	EXISTING
FES	FLARED END SECTION
FYA	FLASHING YELLOW ARROW
GR RD	GROUND ROD
GRN	GREEN INDICATION
HCRRA	HENNEPIN COUNTY REGIONAL RAILROAD AUTHORITY
INL	BRIDGE DRAIN INLET
INS GR	INSULATED GROUND
IP	INPLACE
LED	LIGHT EMITTING DIODE
LH	LEFT HAND
LN	LANE
LRCI	LOCALLY REQUESTED CAPITAL INVESTMENT
LRT	LIGHT RAIL TRANSIT
LRV	LIGHT RAIL VEHICLE
LT	LEFT
LUM	LUMINAIRE
L_c	CURVE LENGTH (FEET)
L_s	SPIRAL LENGTH (FEET)
MIN	MINIMUM
MPH	MILES PER HOUR
MPLS	CITY OF MINNEAPOLIS
MPRB	MINNEAPOLIS PARK AND RECREATION BOARD
N	NORTH
NB	NORTH BOUND
NIC	NOT IN CONTRACT
NO	NUMBER
NWL	NORMAL WATER LINE
OCS	OUTLET CONTROL SYSTEM
OCS	OVERHEAD CONTACT SYSTEM
OMF	OPERATIONS AND MAINTENANCE FACILITY
OH	OVERHEAD
P1-1 (EG)	PEDESTRIAN HEAD (PHASE 1, NO. 1)
PB2-1 (EG)	PUSHBUTTON (PHASE 2, NO. 1)
PC	POINT OF CURVE
PE	PERMANENT EASEMENT
PED	PEDESTRIAN
PITO	POINT OF INTERSECTION OF TURNOUT
PKWY	PARKWAY
POB	POINT OF BEGINNING
POE	POINT OF ENDING
POT	POINT ON TANGENT
PROP	PROPOSED
PS	POINT OF SWITCH
PT	POINT OF TANGENT
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS (FEET)
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RL	RAIL LUBRICATOR
r	RATE OF CHANGE VERTICAL CURVE
RH	RIGHT HAND
ROW	RIGHT OF WAY
RT	RIGHT
S	SOUTH
SB	SOUTH BOUND
SC	SPIRAL TO CURVE
SIG-COMM	SIGNAL COMMUNICATION
SOP	SOURCE OF POWER
ST	STREET
ST	SPIRAL TO TANGENT
ST	STORM MANHOLE STRUCTURE
STA	STATION
TCE	TEMPORARY CONSTRUCTION EASEMENT
TH	TRUNK HIGHWAY
THRU	THROUGH
TOR	TOP OF RAIL
TPSS	TRACTION POWER SUBSTATION
TRK	TRACK
TS	TANGENT TO SPIRAL
TYP	TYPICAL
UG	UNDERGROUND
V	DESIGN VELOCITY (MPH)
VC	VERTICAL CURVE
VDE	VEHICLE DYNAMIC ENVELOPE
W	WEST
WB	WEST BOUND
WLK	WALK INDICATION

TRAIL INDEX

ABBREVIATED NAME	FULL NAME / LOCATION
TRAIL 1	UNDER RED CIRCLE DR, LRT, AND YELLOW CIRCLE DR
TRAIL 2	FROM TRAIL 1 TO GREEN CIRCLE DR
TRAIL 3	OPUS STATION ACCESS FROM BREN RD E
TRAIL 4	FROM BREN RD W TO TRAIL 5
TRAIL 5	FROM OPUS STATION TO GREEN CIRCLE DR
TRAIL 6	FROM TRAIL 5 TO SMETANA RD
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL TRAIL/FROM SHADY OAK STATION TO 11TH AVE
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL TRAIL/WEST OF EXCELSIOR
CEDAR LAKE TRAIL	CEDAR LAKE LRT REGIONAL LRT TRAIL/BETWEEN EXCELSIOR AND KENILWORTH TRAIL CONNECTION
MIDTOWN GREENWAY	MIDTOWN GREENWAY/EAST OF KENILWORTH TRAIL CONNECTION
TRAIL A	KENILWORTH TRAIL (SECONDARY)/BETWEEN CEDAR-ISLES CHANNEL AND 21ST STREET STATION
TRAIL B	KENILWORTH TRAIL (SECONDARY)/BETWEEN 21ST STREET STATION AND PENN STATION
TRAIL B	CEDAR LAKE TRAIL (SECONDARY)/EAST OF PENN STATION
TRAIL C	10' CONNECTOR TRAIL FROM CEDAR LAKE LRT REGIONAL TRAIL TO TYLER AVE.
TRAIL D	10' CONNECTOR TRAIL/BELTLINE STATION TO CEDAR LAKE LRT REGIONAL TRAIL
KENILWORTH TRAIL	KENILWORTH TRAIL (MAIN)/W LAKE ST TO PENN STATION
CEDAR LAKE TRAIL	CEDAR LAKE TRAIL (MAIN)/PENN STATION TO TH 394
TRAIL E	KENILWORTH TRAIL (SECONDARY)/EAST OF W LAKE ST
TRAIL F	KENILWORTH TRAIL (SECONDARY)/WEST OF CEDAR LAKE PKWY
TRAIL G	NOT USED
TRAIL H	10' CONNECTOR TRAIL/EAST OF PENN STATION TO KENWOOD PKWY
TRAIL I	10' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO CSAH 20 (BLAKE RD)
CEDAR LAKE TRAIL	CEDAR LAKE TRAIL (MAIN)/AT-GRADE CROSSING AT PENN STATION
TRAIL J	CEDAR LAKE TRAIL (SECONDARY)/NORTHWEST OF PENN STATION
TRAIL K	CEDAR LAKE TRAIL (SECONDARY)/NORTHWEST OF PENN STATION
TRAIL L	CEDAR LAKE TRAIL (SECONDARY)/EAST OF PENN STATION
TRAIL M	10' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO CSAH 20 (BLAKE RD)
TRAIL N	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO EDGEBROOOK DRIVE
TRAIL O	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO W LAKE STREET
TRAIL P	8' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO LOUISIANA AVE
TRAIL Q	10' CONNECTOR TRAIL FROM CEDAR LAKE TRAIL TO TH 7 SERVICE ROAD
TRAIL R	20' CONNECTOR TRAIL FROM VAN WHITE STATION TO CEDAR LAKE TRAIL
TRAIL S	10' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO BELTLINE BLVD
TRAIL T	8' CONNECTOR TRAIL FROM VAN WHITE STATION TO VAN WHITE MEMORIAL BLVD
TRAIL U	10' TRAIL PARALLEL TO CEDAR LAKE PKWY
LUCE LINE TRAIL	LUCE LINE REGIONAL TRAIL/ON BRIDGE OVER LIGHT RAIL
TRAIL V	CONNECTOR TRAIL TO LUCE LINE REGIONAL TRAIL WEST OF LIGHT RAIL
TRAIL W	CONNECTOR TRAIL TO LUCE LINE REGIONAL TRAIL WEST OF LIGHT RAIL
TRAIL X	NOT USED
TRAIL Y	12' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO WOODDALE AVE S
TRAIL Z	12' CONNECTOR TRAIL FROM CEDAR LAKE REGIONAL TRAIL TO WOODDALE AVE S
TRAIL AA	8' PEDESTRIAN CONNECTOR TRAIL FROM TRAIL B TO PENN STATION
TRAIL BB	8' PEDESTRIAN CONNECTOR TRAIL FROM TRAIL B TO PENN STATION
TRAIL CC	10' CONNECTOR TRAIL FROM KENILWORTH TRAIL (MAIN) TO PENN STATION

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

90% SUBMISSION - 01/22/16

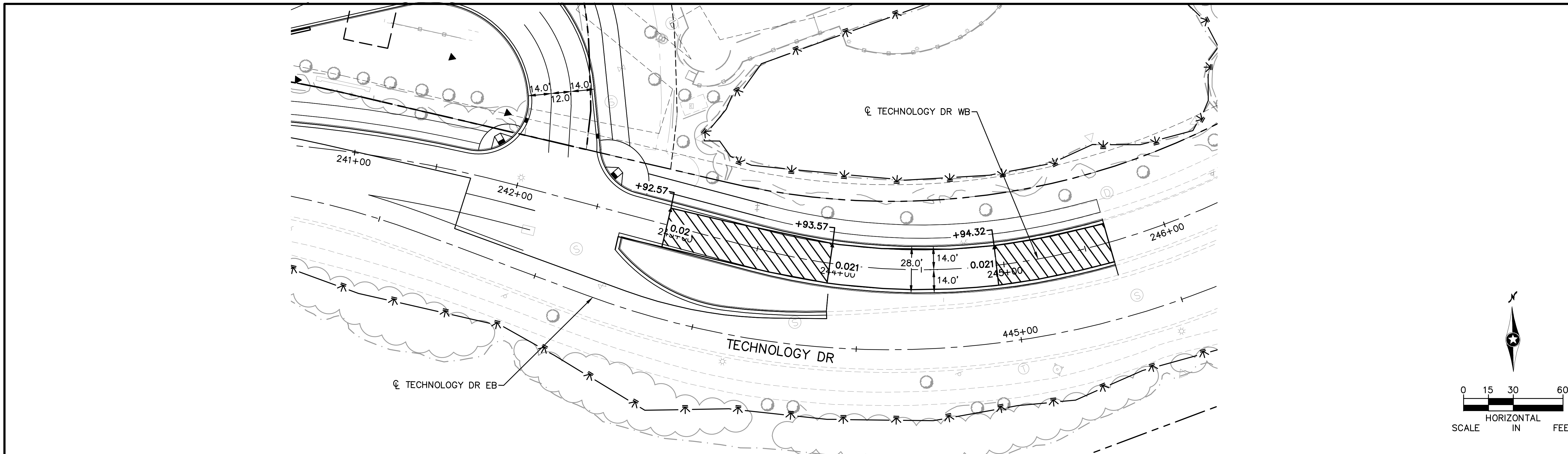
METROPOLITAN COUNCIL

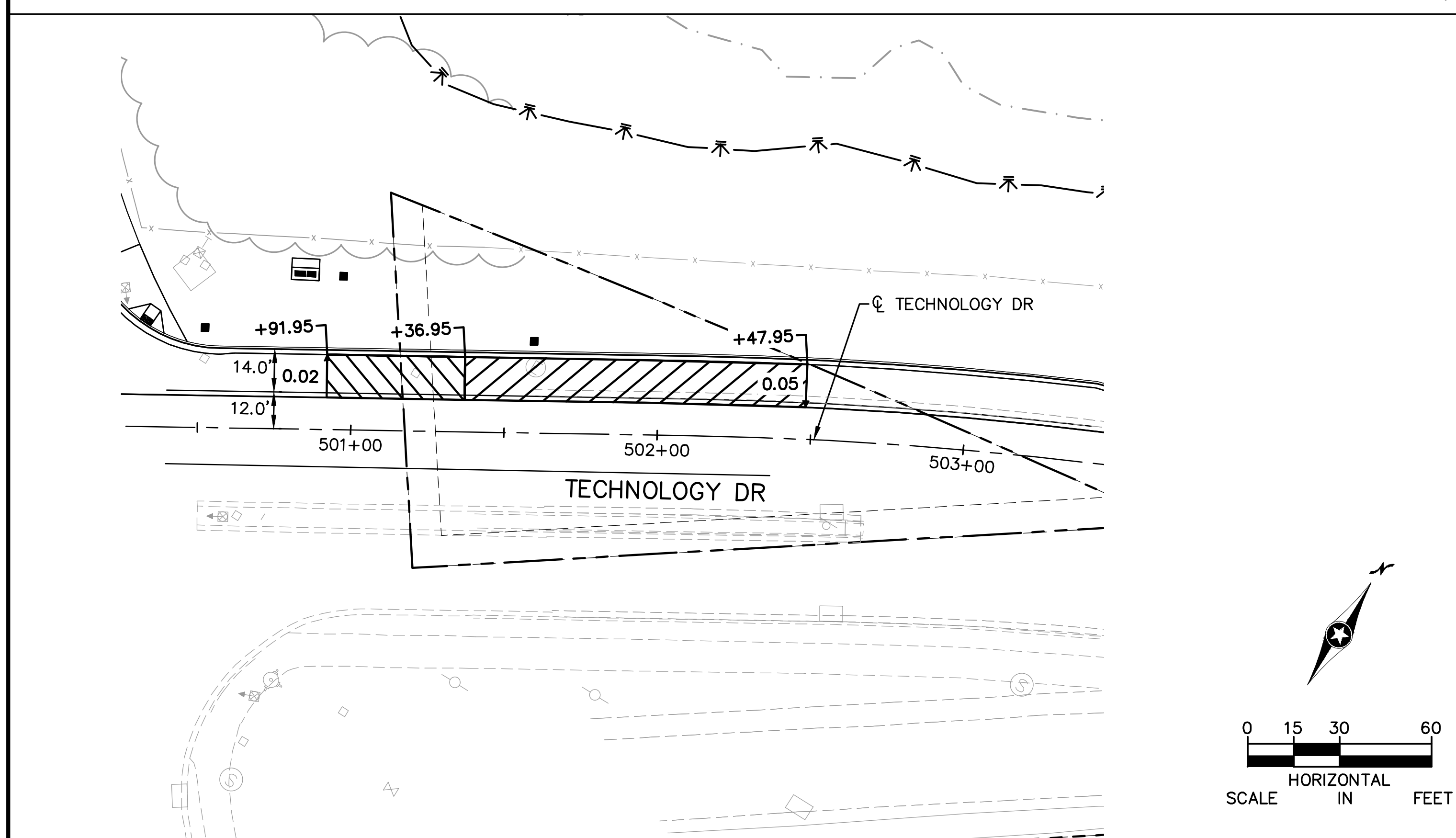
SOUTHWEST Green Line LRT Extension

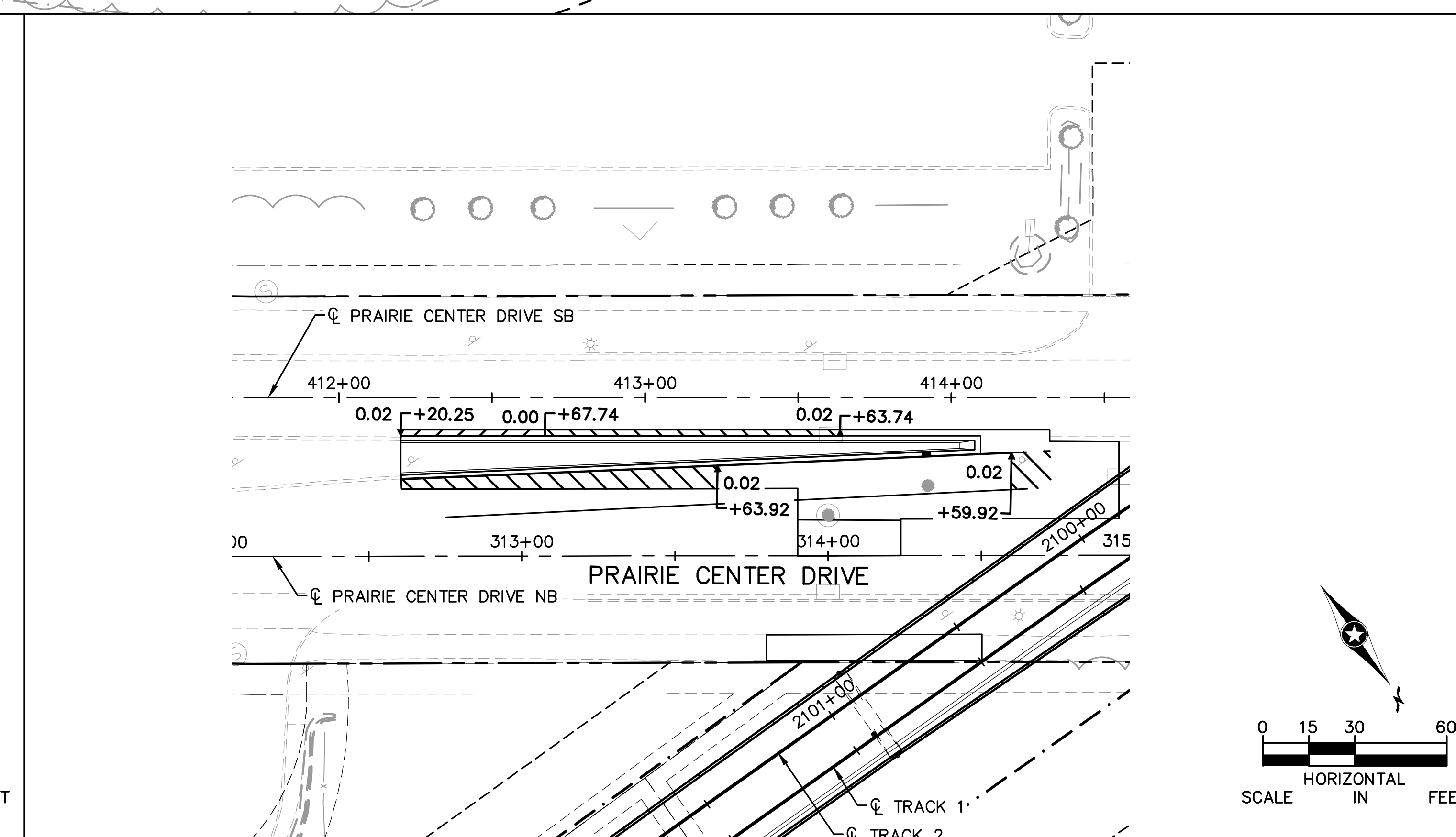
CIVIL - VOLUME 2B
GENERAL
NOTES, ABBREVIATIONS, AND SYMBOLS
SHEET 2

DISCIPLINE: GENERAL

SHEET NAME: 00-GEN-NTS-002







NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

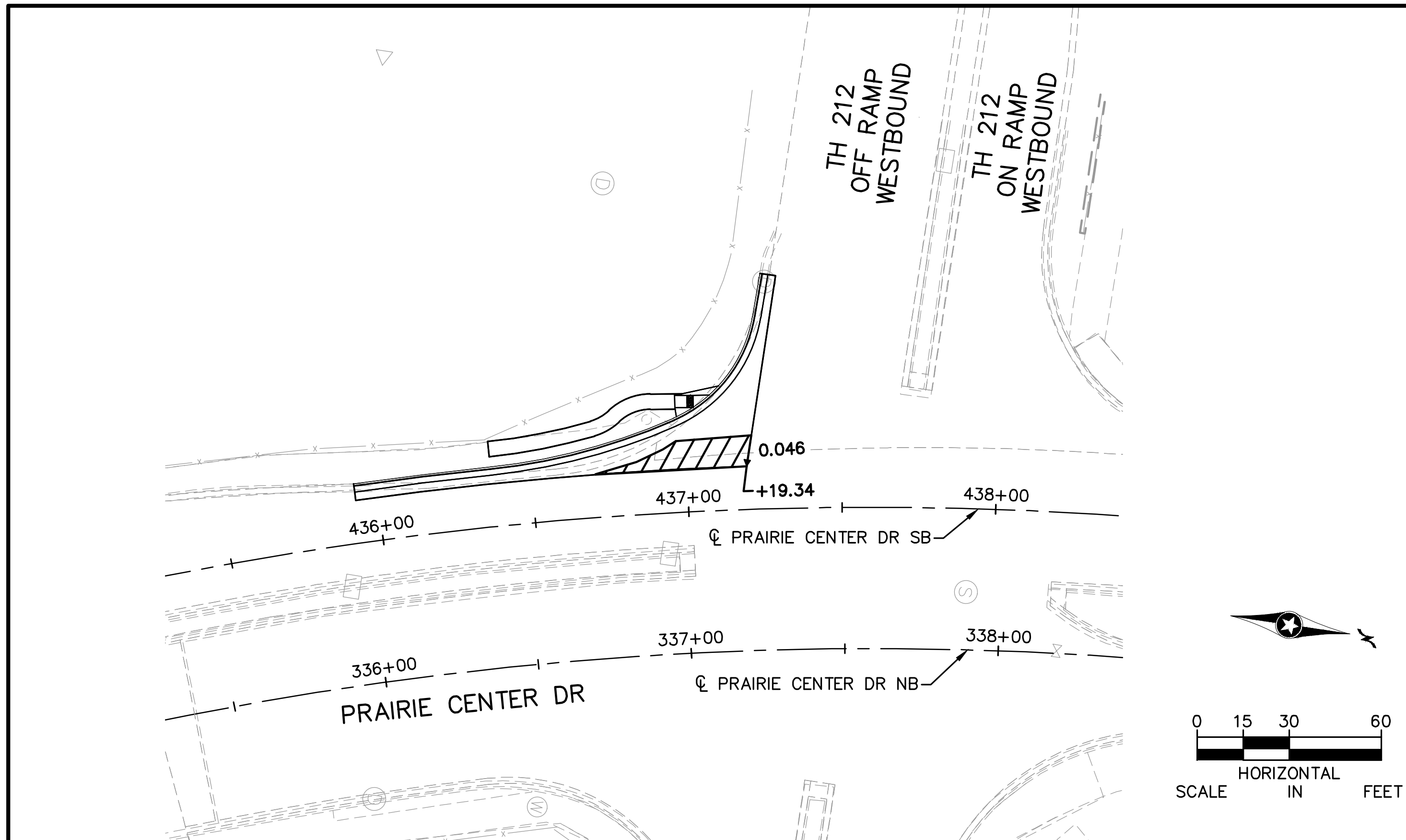
CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 1

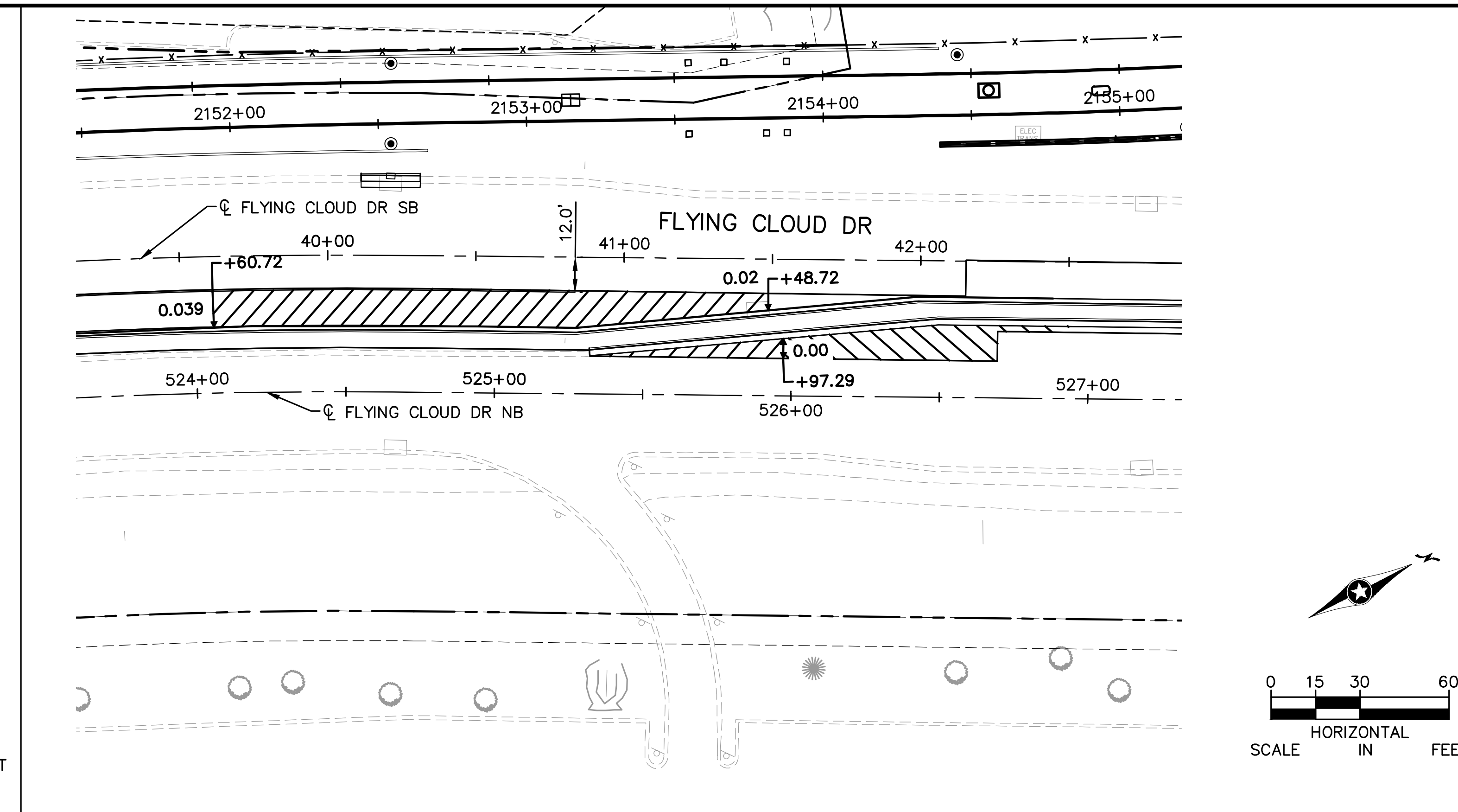
DISCIPLINE: CIVIL

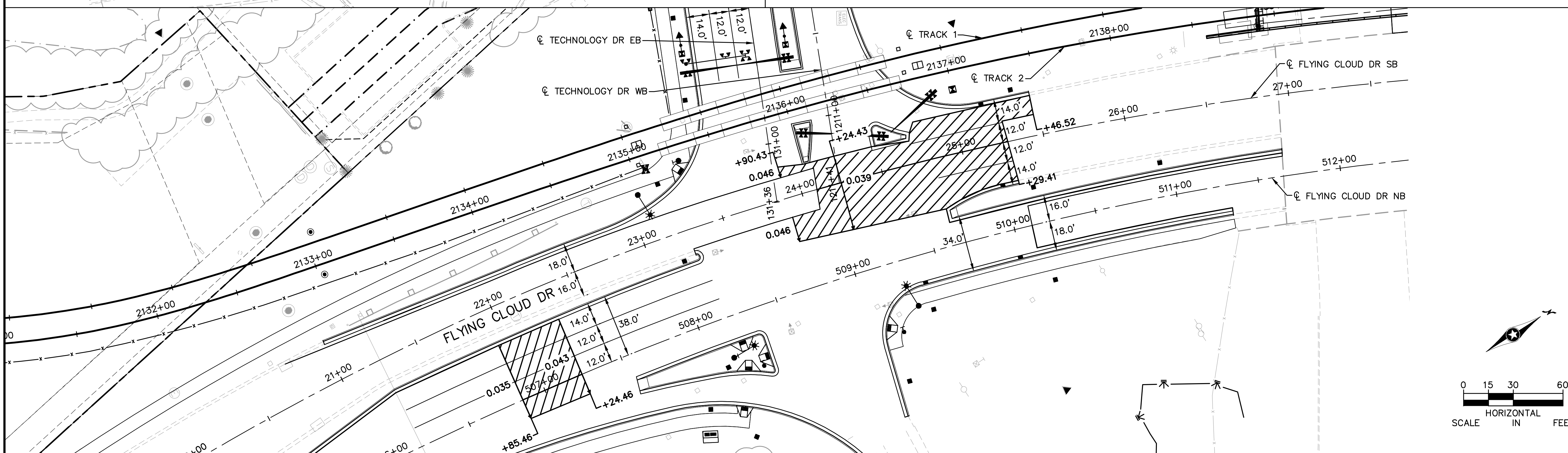
SHEET NAME: W1-CIV-SUP-001

SHEET 8 OF 302

Jan. 18 2016 11:25 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-SUP.dwg By: okruger







Jan, 18 2016 11:26 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-SUP.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

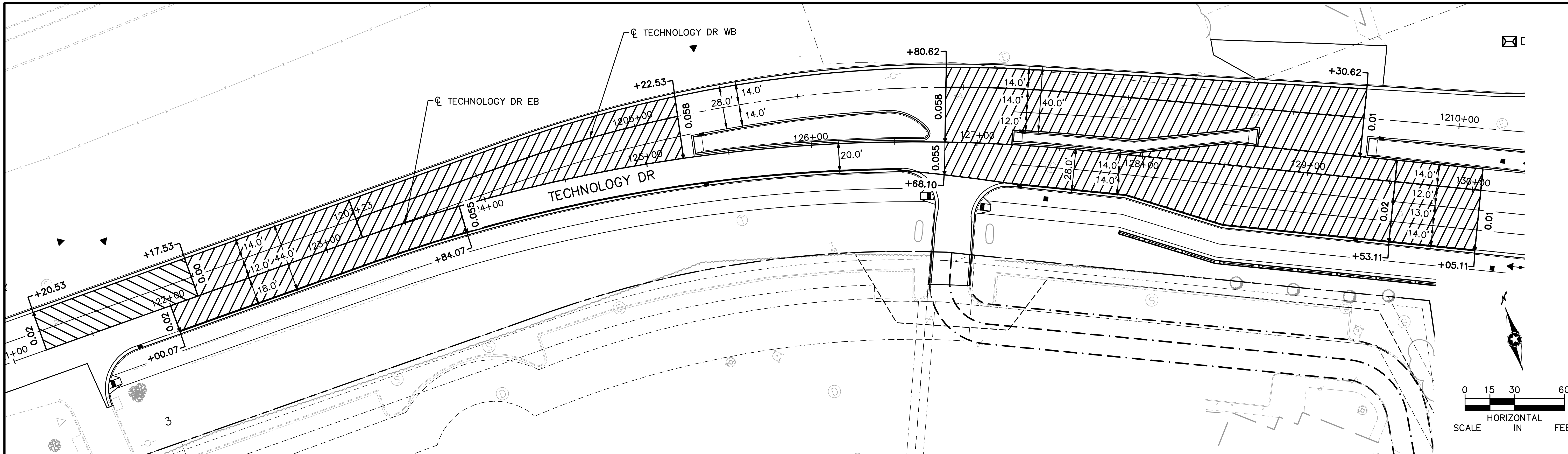
METROPOLITAN COUNCIL

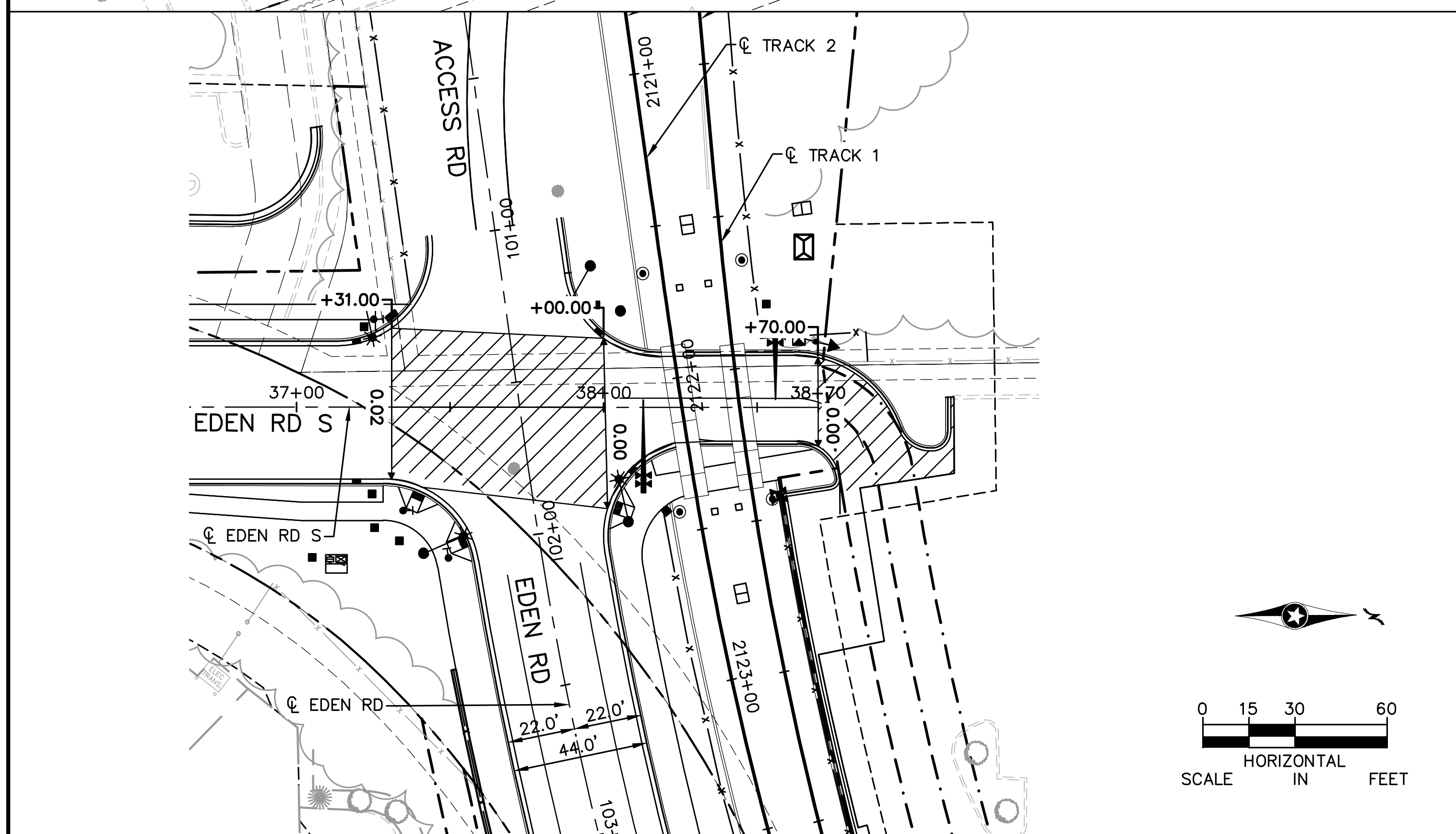
SOUTHWEST Green Line LRT Extension

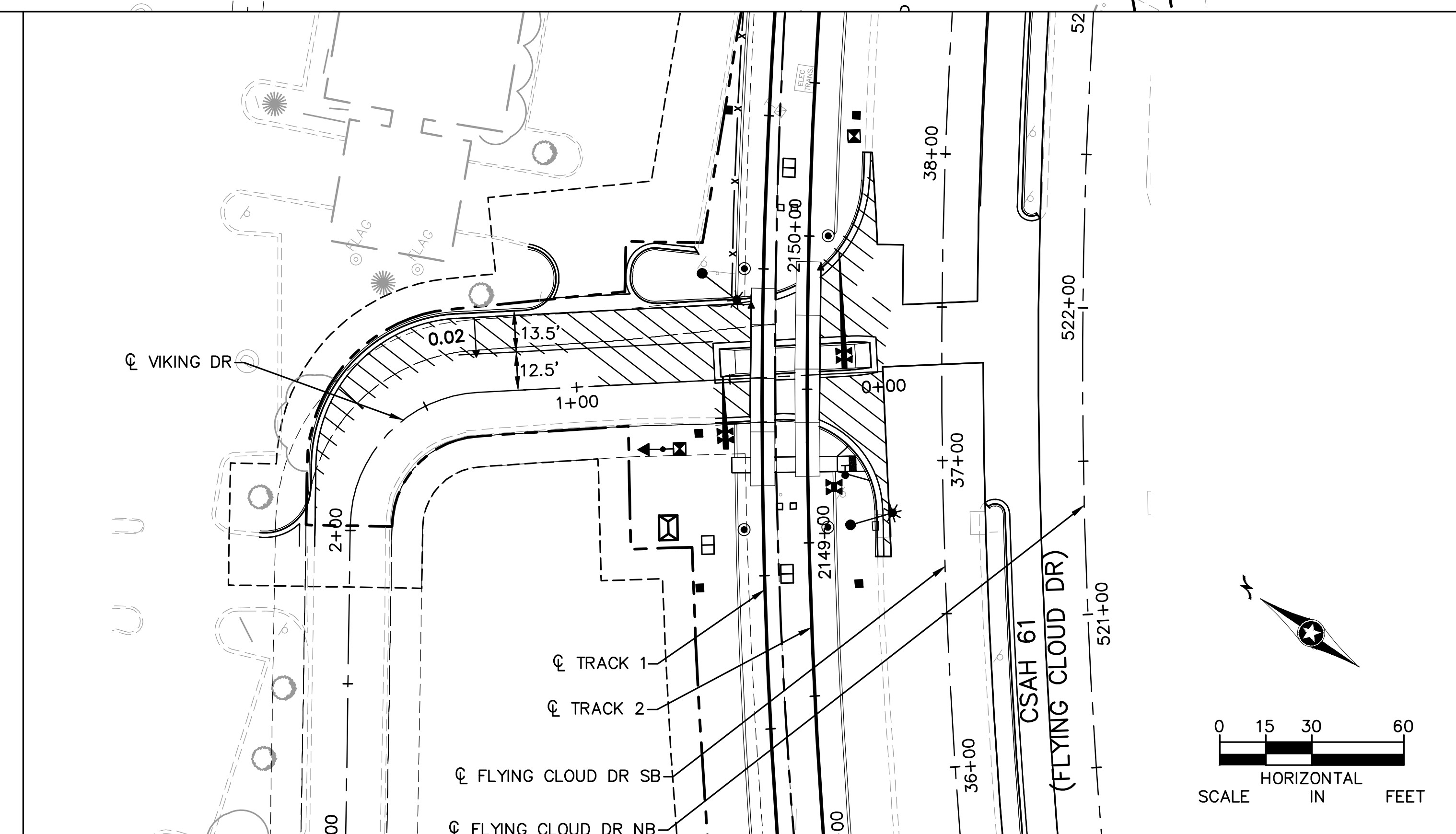
CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 2

DISCIPLINE: CIVIL

SHEET NAME: W1-CIV-SUP-002







NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

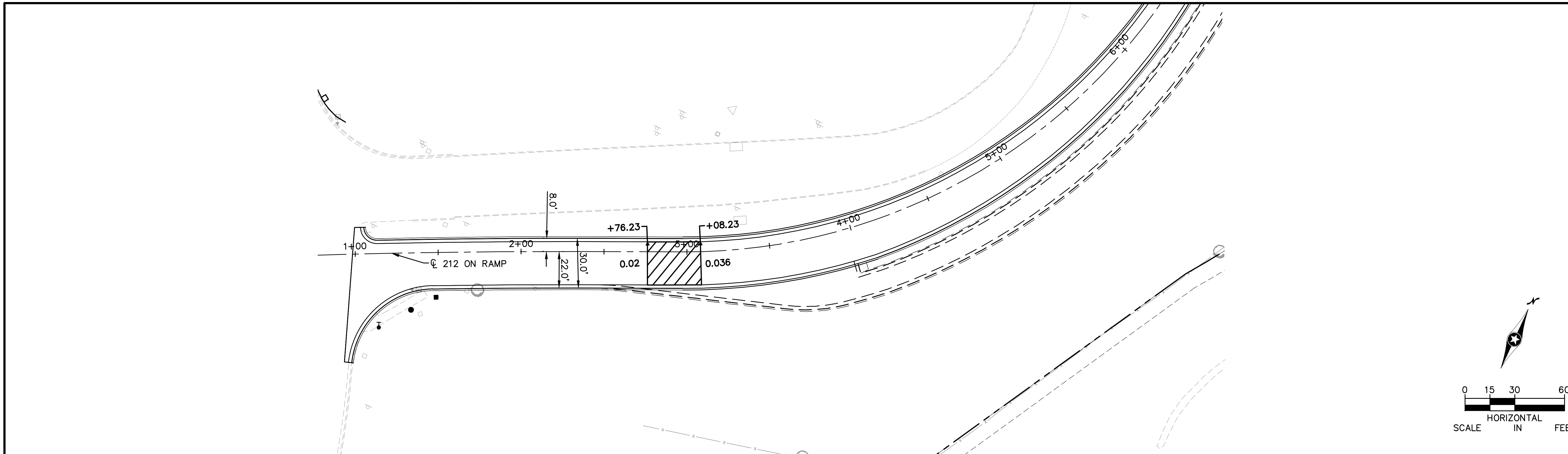
SOUTHWEST Green Line LRT Extension

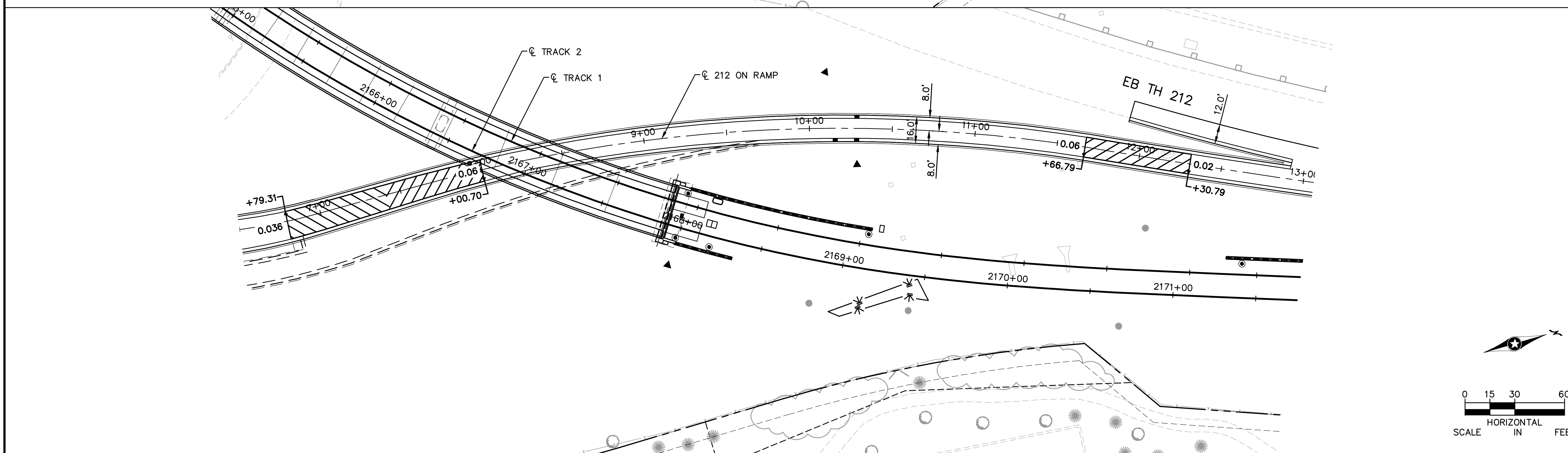
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 3

DISCIPLINE: CIVIL

SHEET NAME: W1-CIV-SUP-003





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

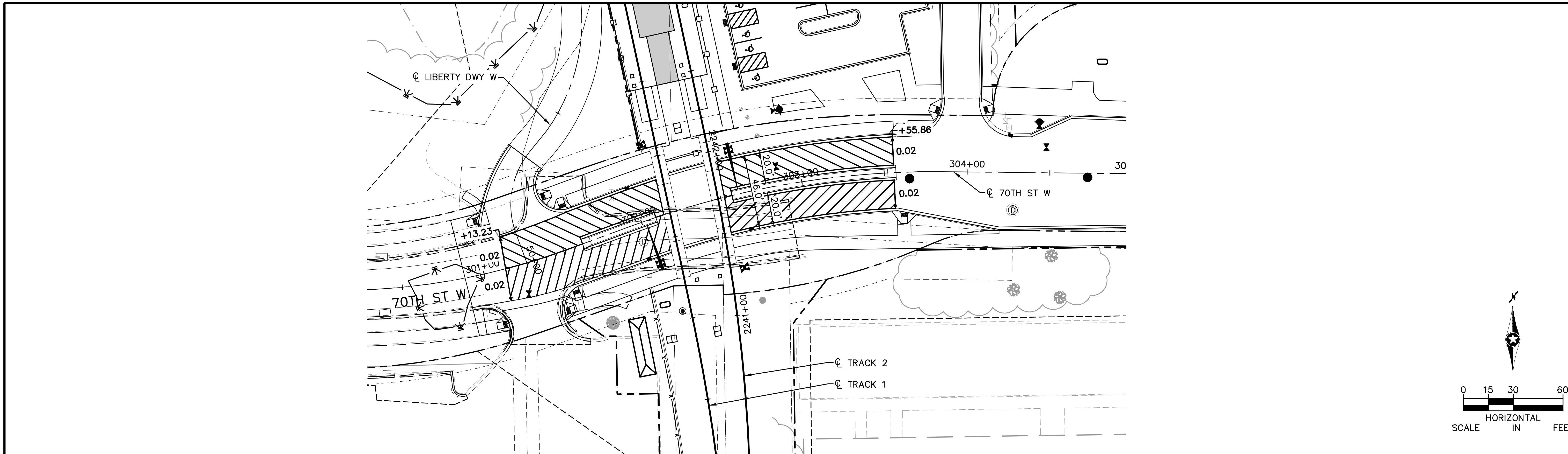
CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 4

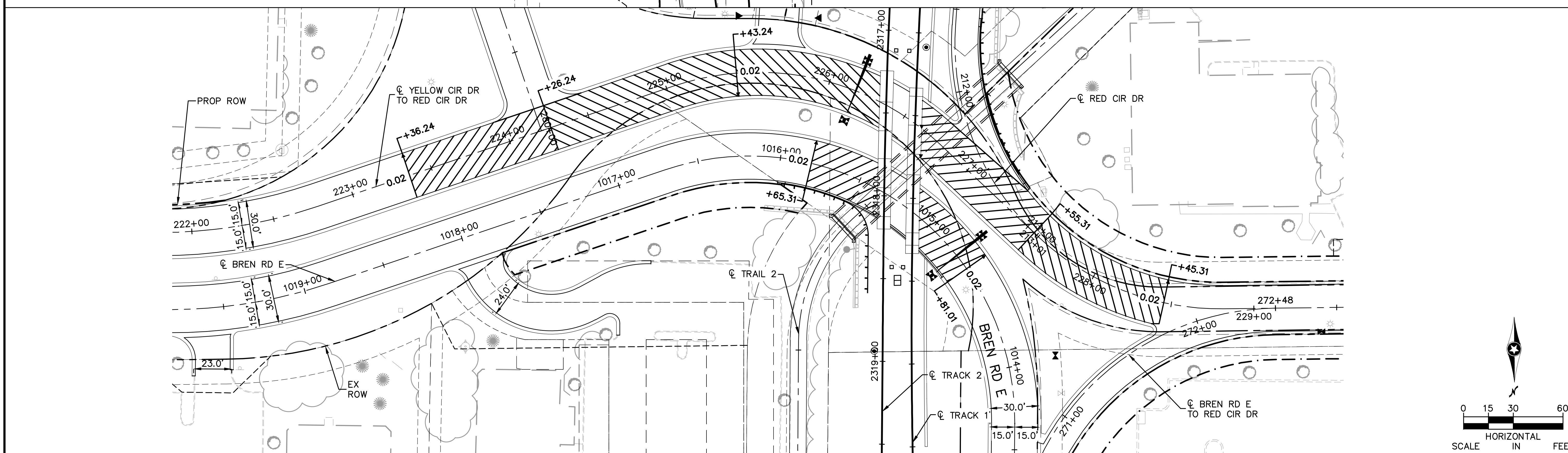
DISCIPLINE: CIVIL

SHEET NAME: W1-CIV-SUP-004

SHEET 11 OF 302

Jan, 18 2016 11:27 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-SUP.dwg By: akruger





Jan, 18 2016 11:29 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-SUP.dwg By: okruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

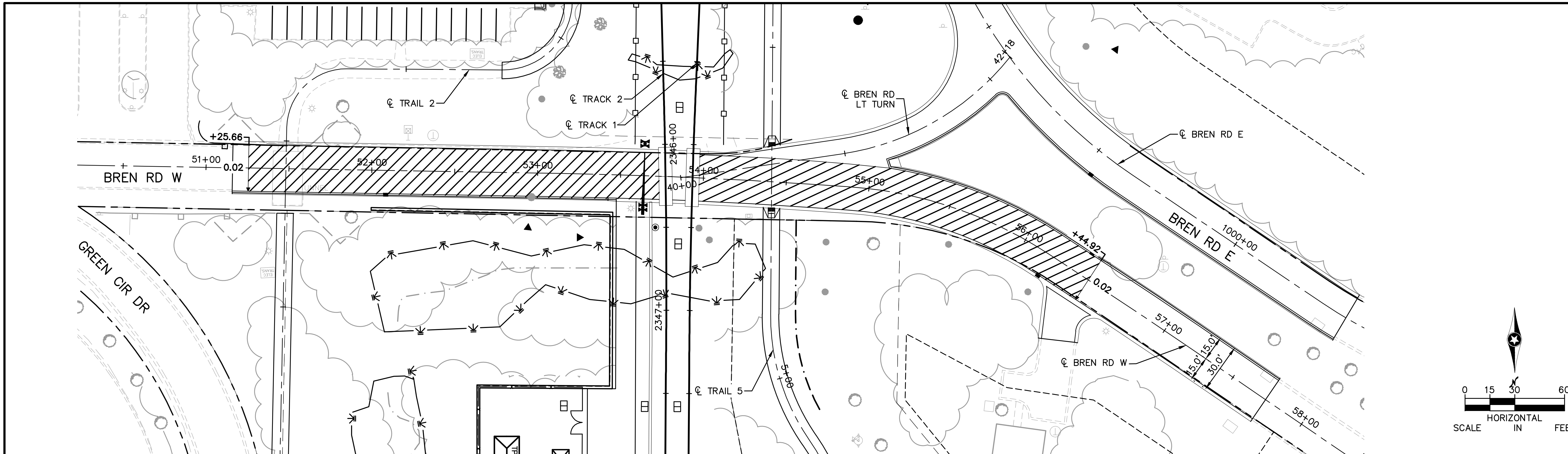
SOUTHWEST Green Line LRT Extension

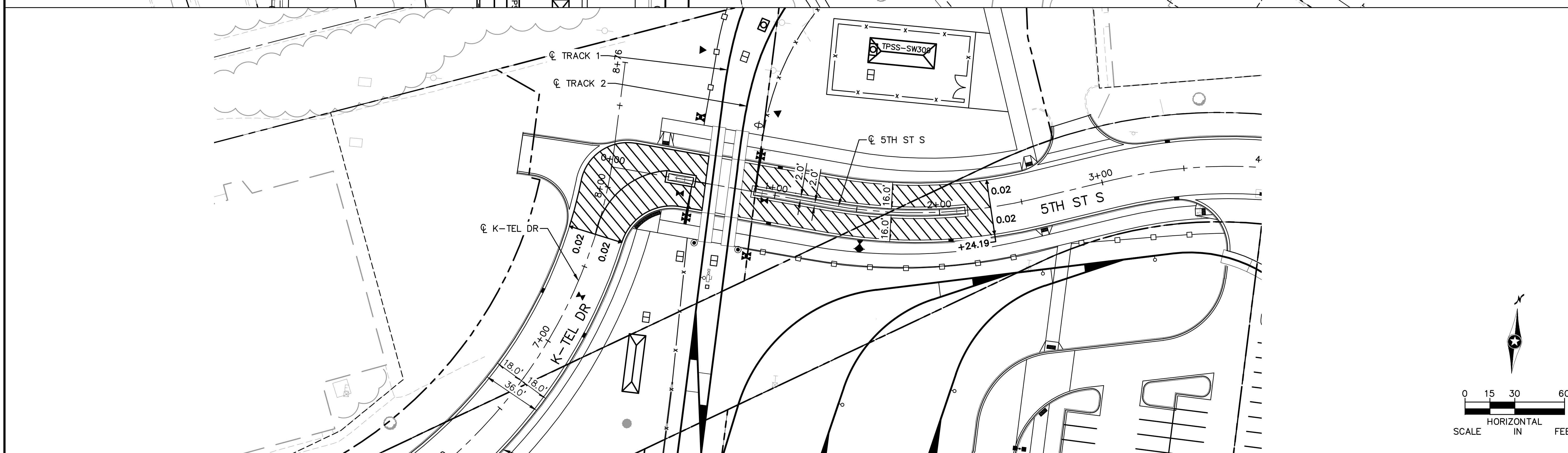
CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 5

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-SUP-001

SHEET 12 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

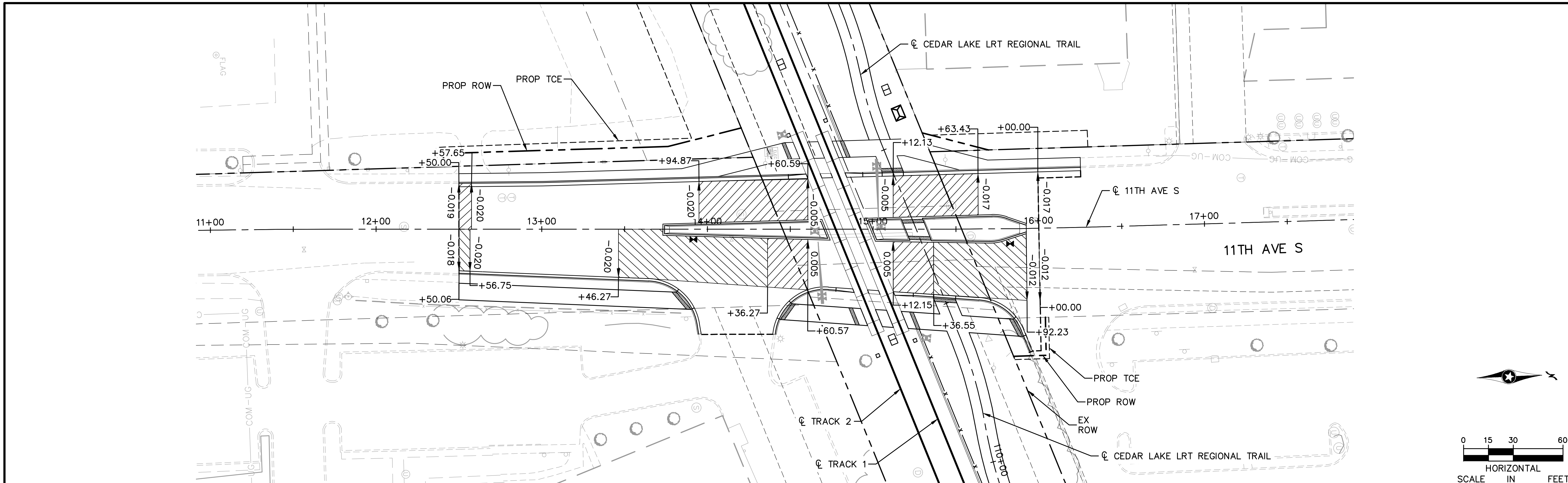
METROPOLITAN COUNCIL

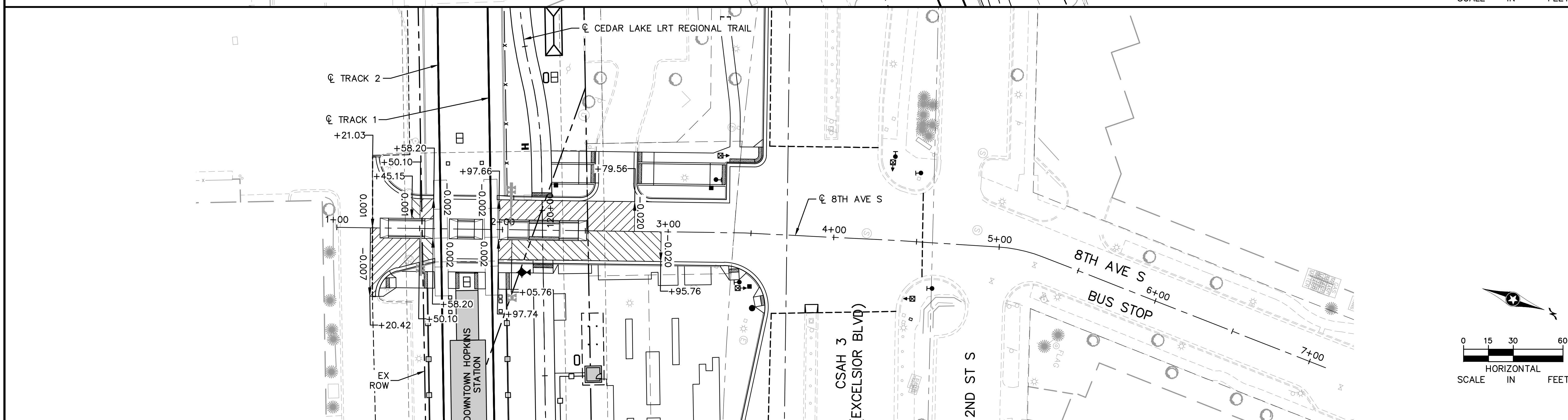
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 6

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-SUP-001





Jan, 18 2016 11:29 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-SUP.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

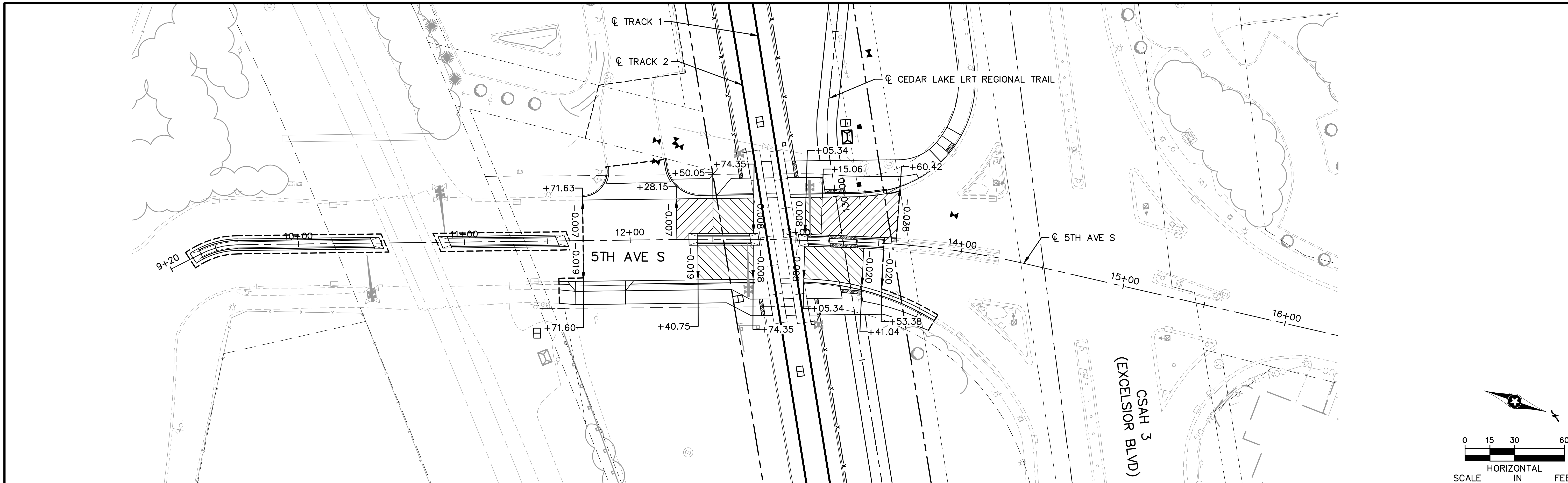
METROPOLITAN COUNCIL

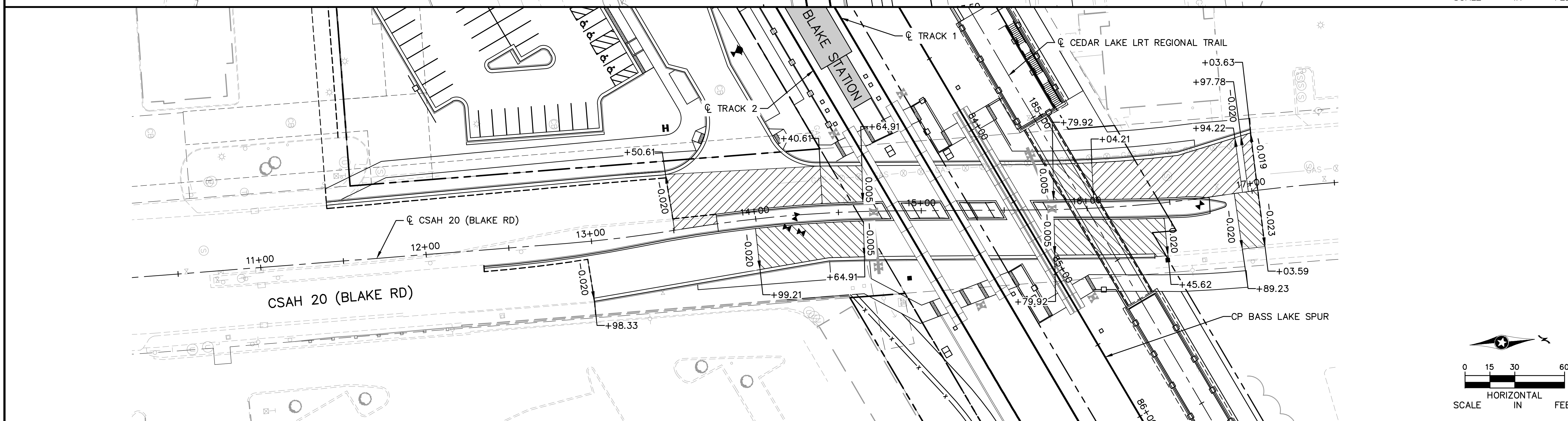
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 7

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-SUP-001





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

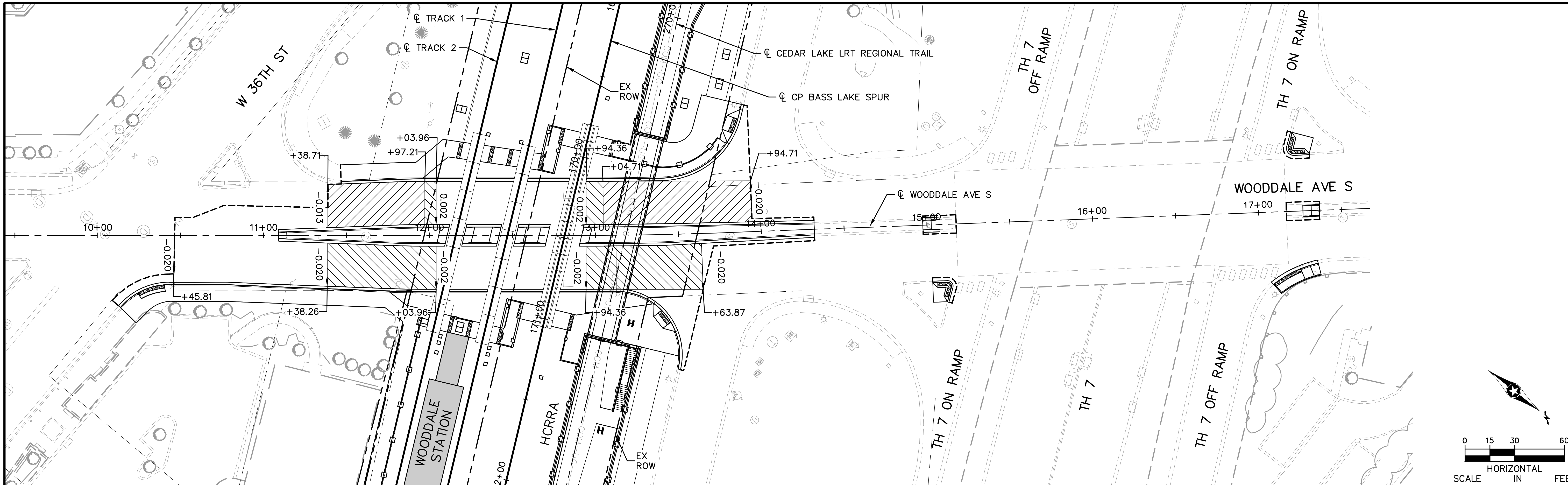
CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 8

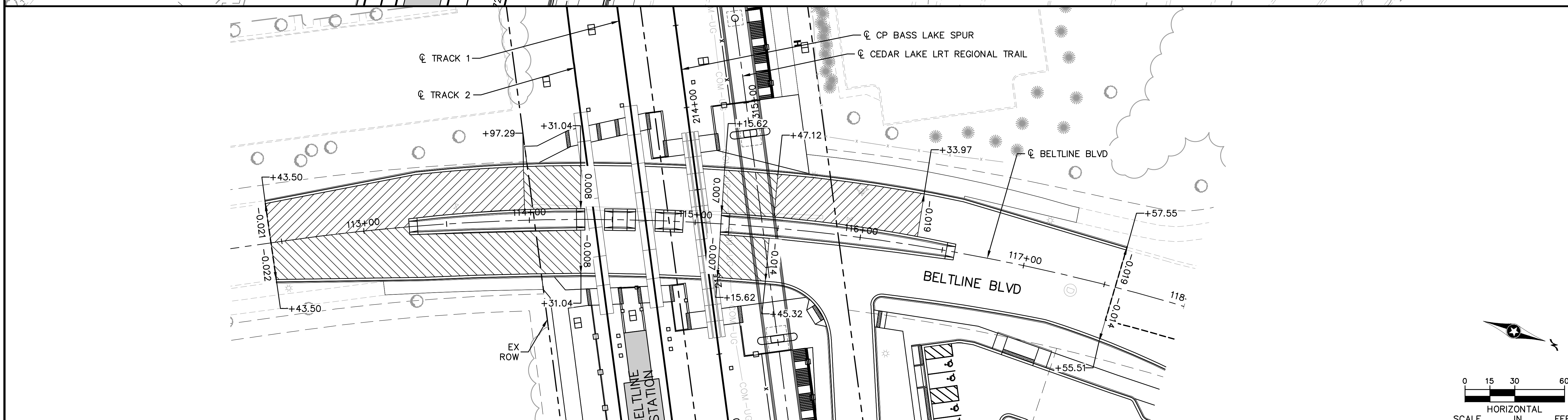
DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-SUP-002

SHEET 15 OF 302

Jan, 18 2016 01:13 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-SUP.dwg By: V-JohnsoWD





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

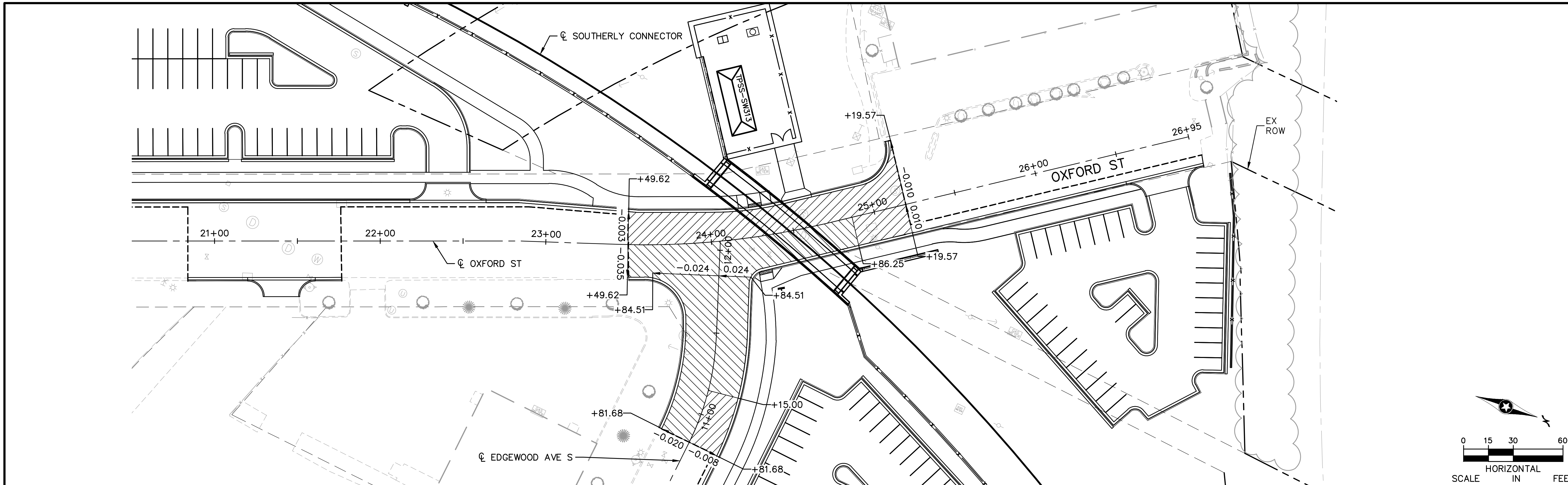
CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 9

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-SUP-001

SHEET 16 OF 302

Jan, 18 2016 01:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-SUP.dwg By: V-JohnsoWD



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

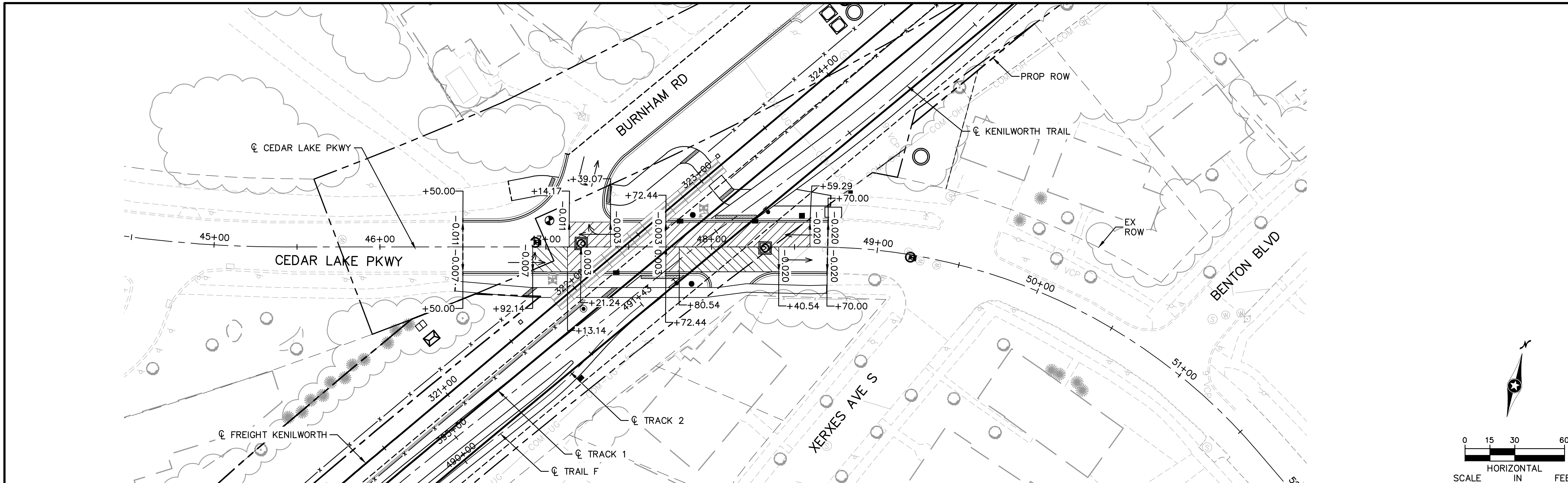
CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 10

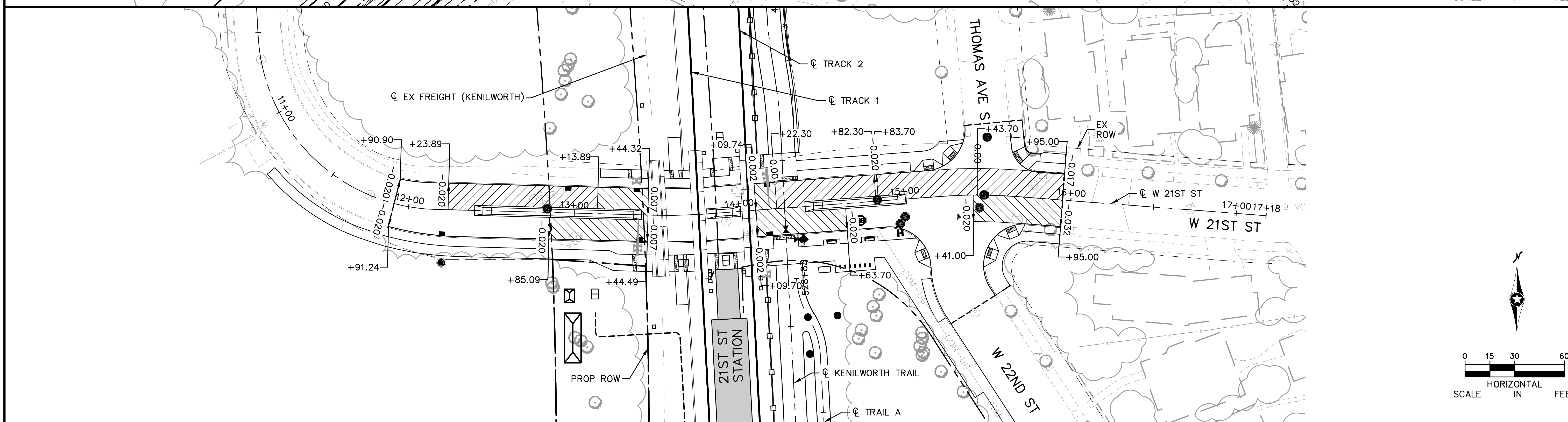
DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-SUP-002

SHEET 17 OF 302

Jan. 18 2016 11:36 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-SUP.dwg By: V-GolaszTG





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

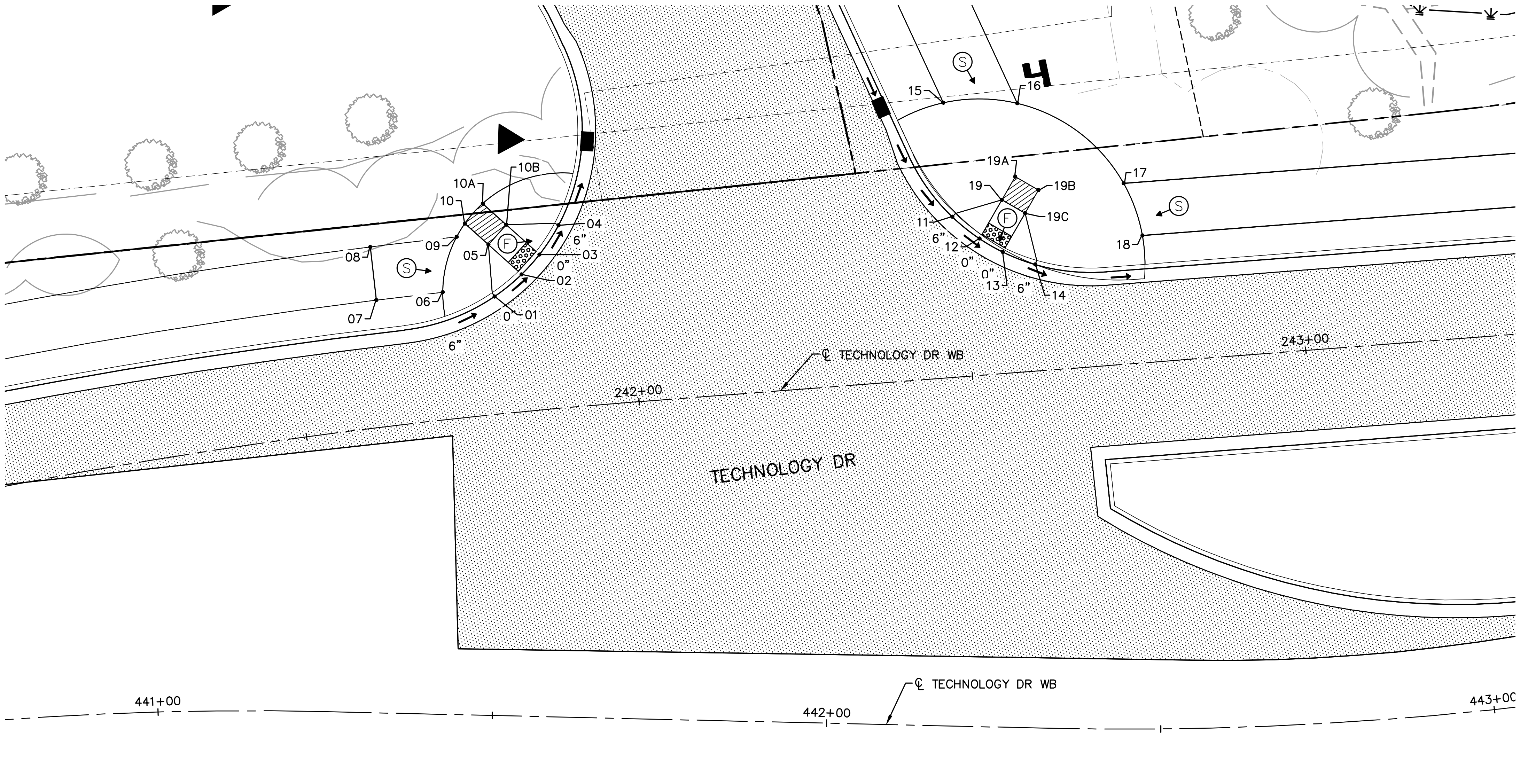
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
SUPERELEVATION PLANS
SHEET 11

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-SUP-001



LEGEND

XXX ●	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	241+80.06	–17.54 LT	824.15	TECHNOLOGY DR WB 1
02	F/L	241+84.31	–20.44 LT	824.09	TECHNOLOGY DR WB 1
03	F/L	241+87.17	–23.16 LT	824.05	TECHNOLOGY DR WB 1
04	F/L	241+90.30	–27.27 LT	823.99	TECHNOLOGY DR WB 1
05	LANDING	241+79.92	–25.36 LT	824.27	TECHNOLOGY DR WB 1
06	LANDING	241+72.58	–18.99 LT	824.75	TECHNOLOGY DR WB 1
07	LANDING	241+62.81	–18.95 LT	824.90	TECHNOLOGY DR WB 1
08	LANDING	241+62.87	–26.95 LT	825.02	TECHNOLOGY DR WB 1
09	LANDING	241+75.46	–27.01 LT	824.38	TECHNOLOGY DR WB 1
10	LANDING	241+76.84	–28.85 LT	824.23	TECHNOLOGY DR WB 1
10A	LANDING	241+79.71	–31.53 LT	824.21	TECHNOLOGY DR WB 1
10B	LANDING	241+82.78	–28.06 LT	824.25	TECHNOLOGY DR WB 1

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
11	F/L	242+48.84	–23.99 LT	825.09	TECHNOLOGY DR WB 1
12	F/L	242+52.64	–20.42 LT	825.03	TECHNOLOGY DR WB 1
13	F/L	242+55.95	–18.16 LT	825.01	TECHNOLOGY DR WB 1
14	F/L	242+60.66	–15.91 LT	824.99	TECHNOLOGY DR WB 1
15	LANDING	242+48.79	–41.08 LT	825.20	TECHNOLOGY DR WB 1
16	LANDING	242+59.81	–40.15 LT	825.32	TECHNOLOGY DR WB 1
17	LANDING	242+74.77	–27.00 LT	825.20	TECHNOLOGY DR WB 1
18	LANDING	242+76.97	–19.00 LT	825.04	TECHNOLOGY DR WB 1
19	LANDING	242+56.41	–25.92 LT	825.15	TECHNOLOGY DR WB 1
19A	LANDING	242+58.66	–29.22 LT	825.22	TECHNOLOGY DR WB 1
19B	LANDING	242+61.97	–26.97 LT	825.24	TECHNOLOGY DR WB 1
19C	LANDING	242+59.71	–23.66 LT	825.25	TECHNOLOGY DR WB 1

0 5 10 20
HORIZONTAL SCALE IN FEET

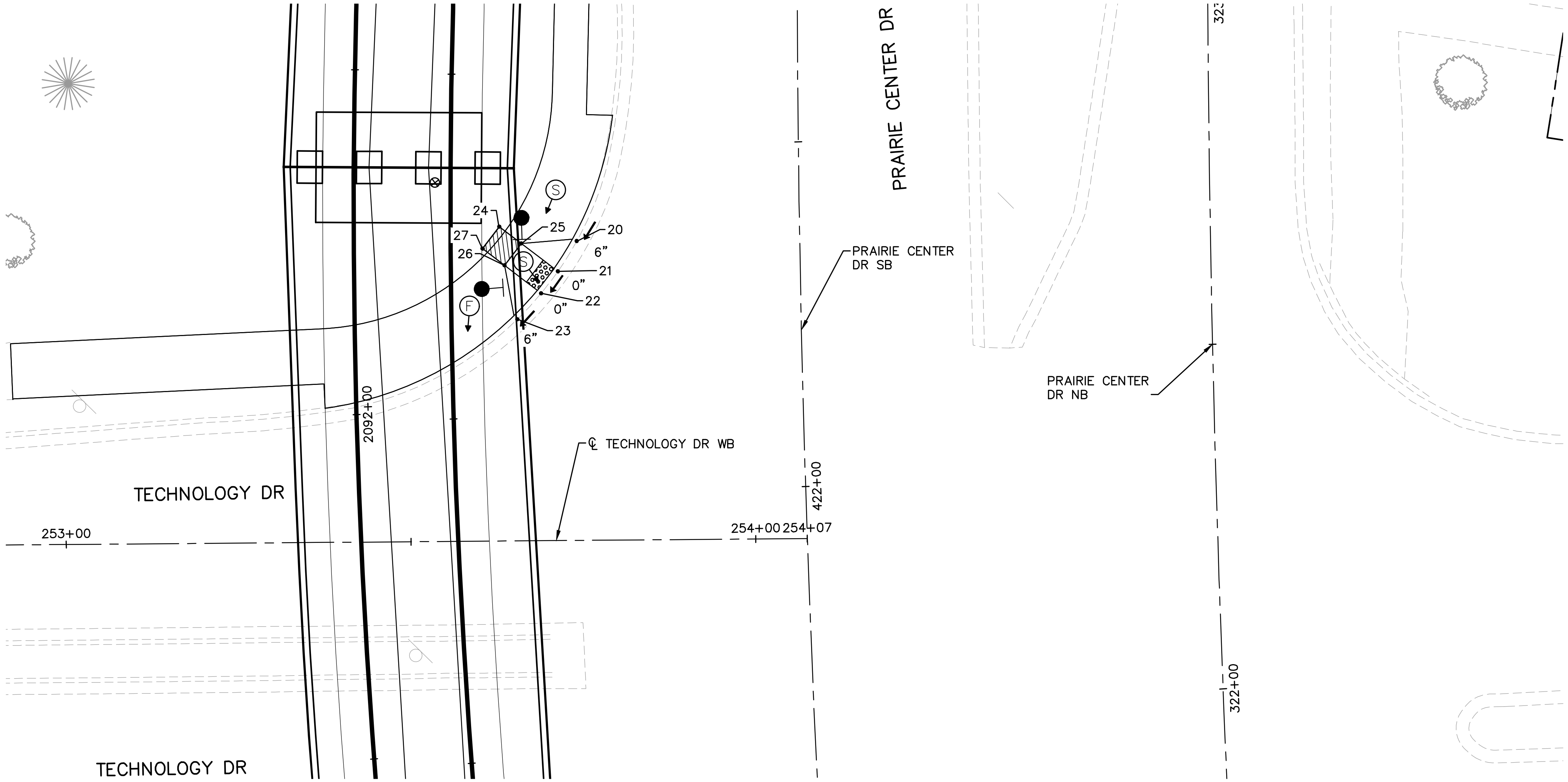
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 1

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-INT-001

Jan, 18 2016 10:58 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmcclement

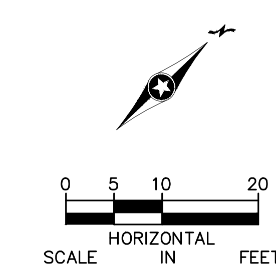


LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
⊢●	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
20	F/L	253+74.39	–43.41 LT	836.68	TECHNOLOGY DR WB 1
21	F/L	253+71.63	–39.03 LT	836.56	TECHNOLOGY DR WB 1
22	F/L	253+69.17	–35.87 LT	836.46	TECHNOLOGY DR WB 1
23	F/L	253+65.68	–32.14 LT	836.28	TECHNOLOGY DR WB 1
24	LANDING	253+63.18	–45.58 LT	837.00	TECHNOLOGY DR WB 1
25	LANDING	253+66.34	–43.13 LT	836.92	TECHNOLOGY DR WB 1
26	LANDING	253+63.89	–39.97 LT	836.84	TECHNOLOGY DR WB 1
27	LANDING	253+60.73	–42.43 LT	836.92	TECHNOLOGY DR WB 1



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

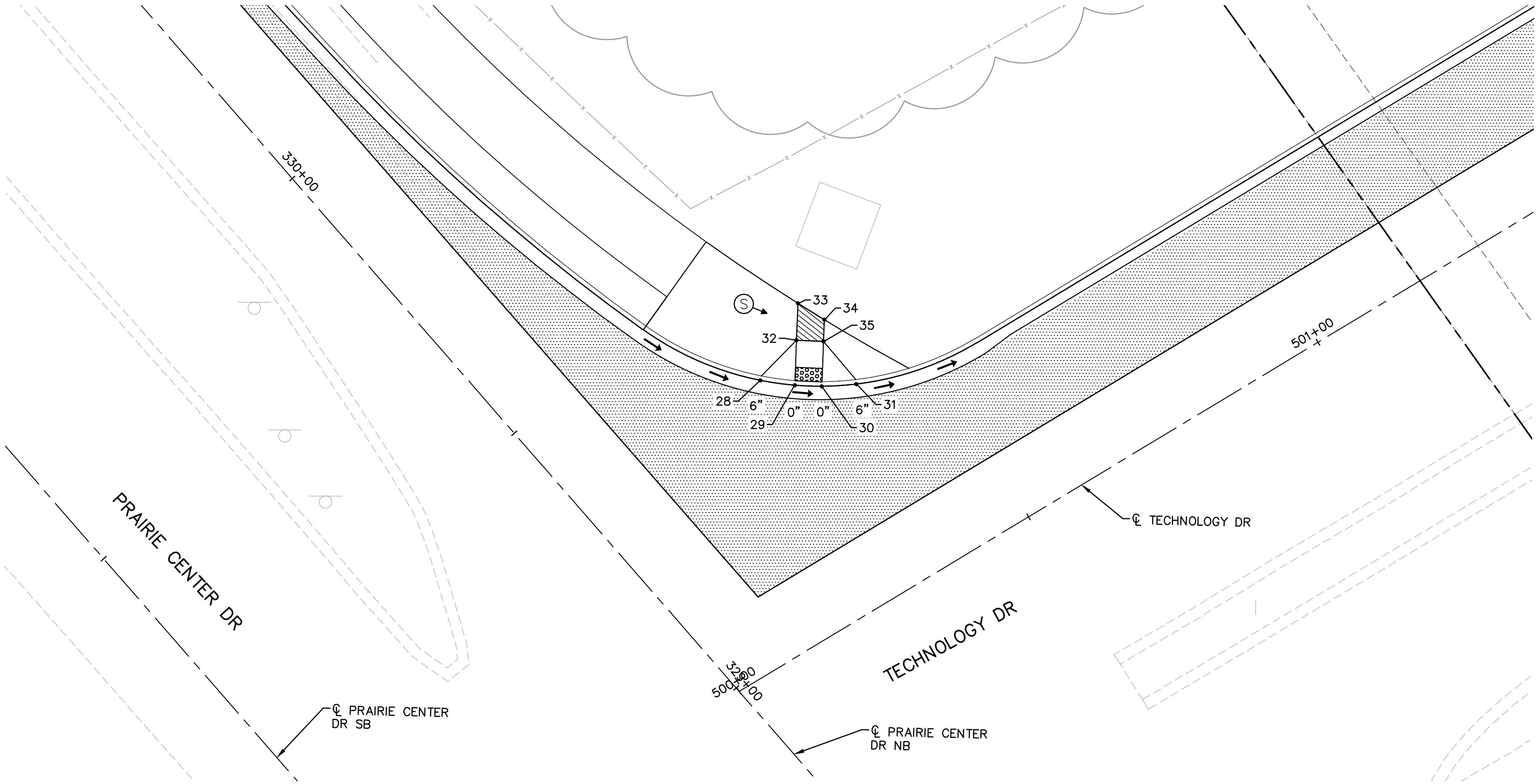
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 2

DISCIPLINE: CIVIL

SHEET NAME: W1-CIV-INT-002



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
28	F/L	329+31.96	32.59 RT	851.88	PRAIRIE CENTER DR NB
29	F/L	329+28.08	35.95 RT	851.45	PRAIRIE CENTER DR NB
30	F/L	329+25.34	38.86 RT	851.37	PRAIRIE CENTER DR NB
31	F/L	329+22.21	42.94 RT	851.57	PRAIRIE CENTER DR NB
32	LANDING	329+32.93	40.52 RT	851.85	PRAIRIE CENTER DR NB
33	LANDING	329+36.91	44.27 RT	851.95	PRAIRIE CENTER DR NB
34	LANDING	329+32.52	45.63 RT	851.83	PRAIRIE CENTER DR NB
35	LANDING	329+30.19	43.43 RT	851.78	PRAIRIE CENTER DR NB

0 5 10 20
HORIZONTAL SCALE IN FEET

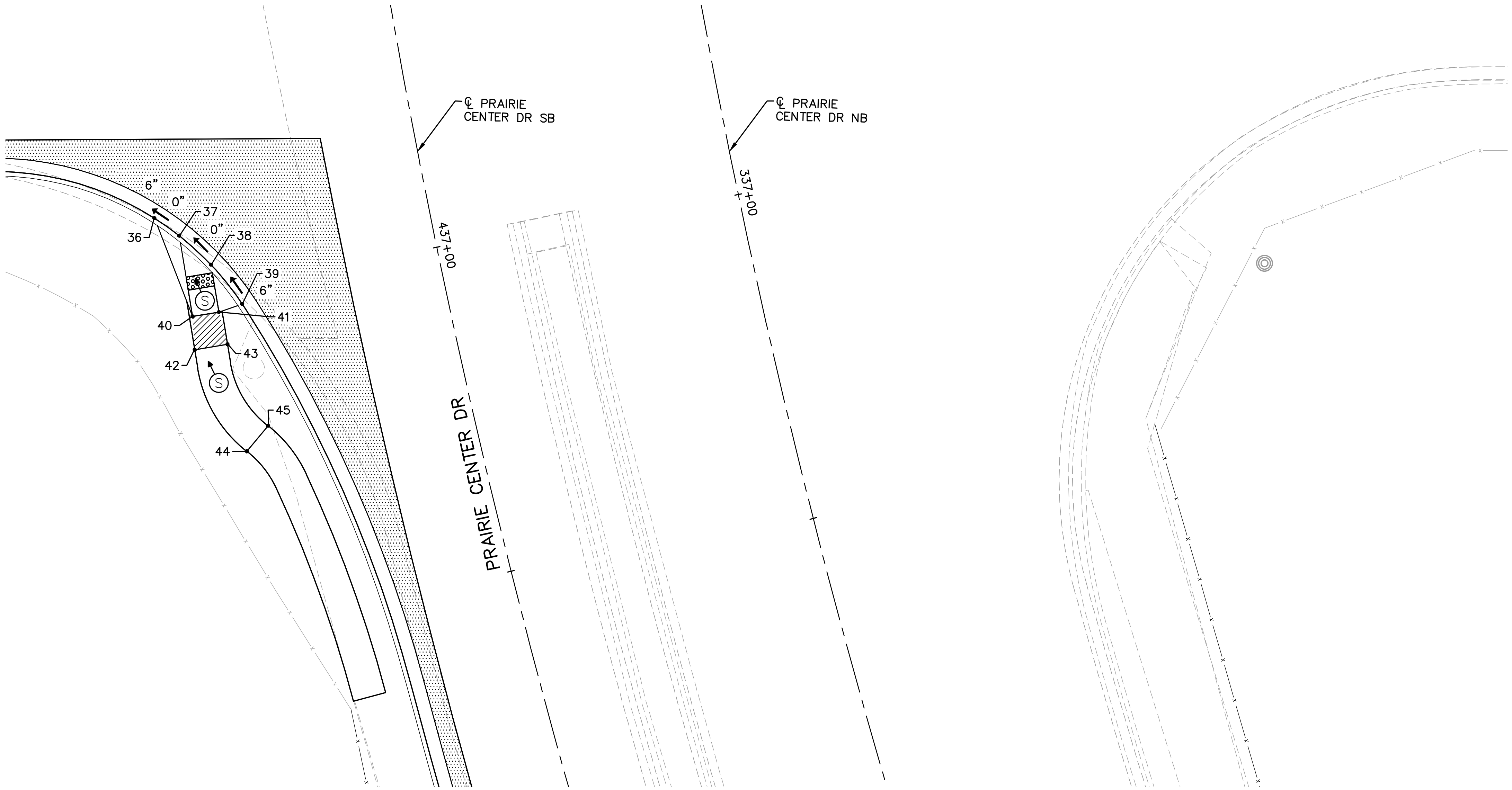
Jan, 18 2016 10:58 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 3

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-INT-003



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
36	F/L	437+12.47	−40.74 LT	860.86	PRAIRIE CENTER DR SB
37	F/L	437+09.26	−37.61 LT	861.00	PRAIRIE CENTER DR SB
38	F/L	437+04.19	−33.78 LT	861.20	PRAIRIE CENTER DR SB
39	F/L	436+97.64	−30.37 LT	861.43	PRAIRIE CENTER DR SB
40	LANDING	436+97.33	−38.06 LT	861.63	PRAIRIE CENTER DR SB
41	LANDING	436+97.17	−34.07 LT	861.71	PRAIRIE CENTER DR SB
42	LANDING	436+92.52	−38.79 LT	861.69	PRAIRIE CENTER DR SB
43	LANDING	436+92.29	−33.79 LT	861.77	PRAIRIE CENTER DR SB
44	LANDING	436+76.40	−34.42 LT	862.79	PRAIRIE CENTER DR SB
45	LANDING	436+79.36	−30.46 LT	862.67	PRAIRIE CENTER DR SB

0 5 10 20
HORIZONTAL SCALE IN FEET

Jan, 18 2016 10:59 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmcclement

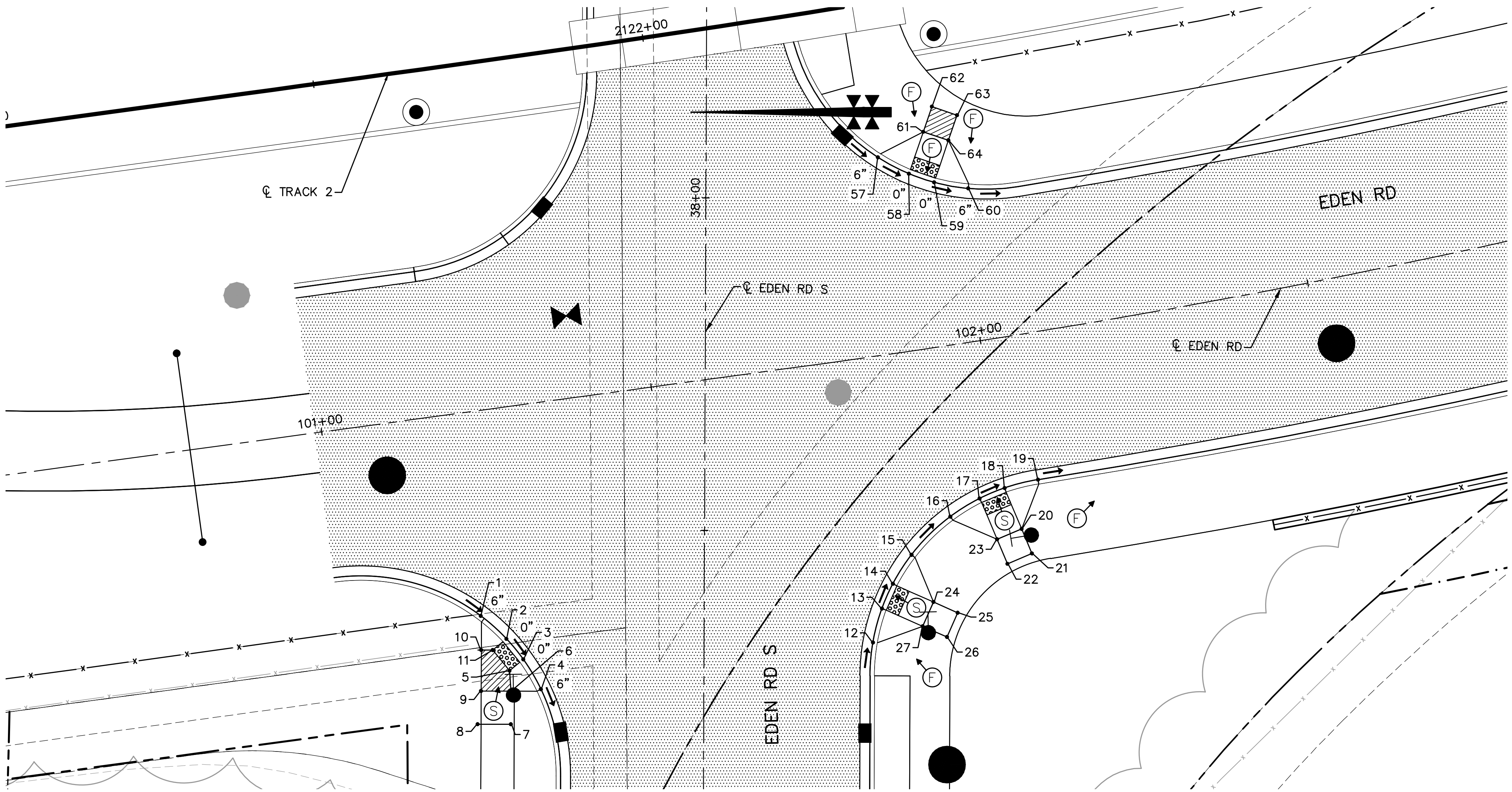
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 4

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-INT-004



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
1	F/L	37+36.98	–33.60 LT	885.99	EDEN RD S
2	F/L	37+33.55	–29.73 LT	885.94	EDEN RD S
3	F/L	37+30.47	–27.18 LT	885.90	EDEN RD S
4	F/L	37+25.99	–24.50 LT	885.85	EDEN RD S
5	LANDING	37+28.77	–29.23 LT	886.11	EDEN RD S
6	LANDING	37+25.69	–29.00 LT	886.17	EDEN RD S
7	LANDING	37+20.70	–29.00 LT	886.54	EDEN RD S
8	LANDING	37+20.70	–34.00 LT	886.61	EDEN RD S
9	LANDING	37+25.69	–33.50 LT	886.25	EDEN RD S
10	LANDING	37+31.85	–33.50 LT	886.18	EDEN RD S
11	LANDING	37+31.85	–31.78 LT	886.15	EDEN RD S
57	F/L	101+88.76	–29.56 LT	885.40	EDEN RD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
58	F/L	101+93.10	–26.45 LT	885.36	EDEN RD
59	F/L	101+96.72	–24.60 LT	885.32	EDEN RD
60	F/L	102+01.76	–22.91 LT	885.28	EDEN RD
61	LANDING	101+96.26	–32.37 LT	885.89	EDEN RD
62	LANDING	101+98.16	–35.91 LT	885.95	EDEN RD
63	LANDING	102+01.81	–34.05 LT	885.91	EDEN RD
64	LANDING	101+99.89	–30.51 LT	885.85	EDEN RD

0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

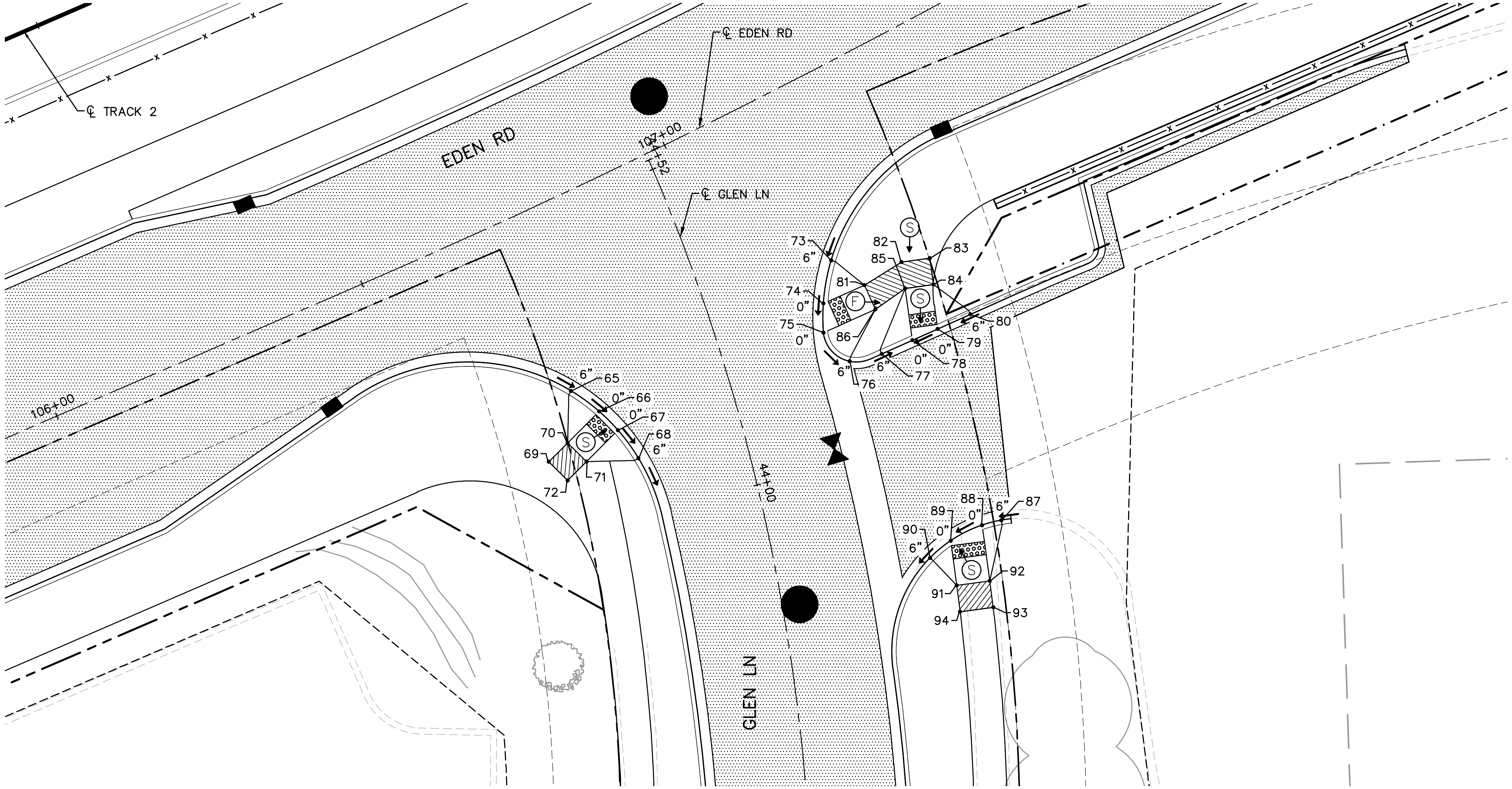
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 5

DISCIPLINE: CIVIL

SHEET NAME: W1-CIV-INT-005

Jan, 18 2016 10:59 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmcclement



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
65	F/L	44+22.00	−23.17 LT	875.90	GLEN LN
66	F/L	44+17.48	−20.06 LT	875.78	GLEN LN
67	F/L	44+13.73	−18.14 LT	875.69	GLEN LN
68	F/L	44+08.54	−16.31 LT	875.57	GLEN LN
69	LANDING	44+11.89	−29.41 LT	876.36	GLEN LN
70	LANDING	44+14.03	−25.92 LT	876.30	GLEN LN
71	LANDING	44+10.22	−23.96 LT	876.22	GLEN LN
72	LANDING	44+08.05	−27.44 LT	876.28	GLEN LN
73	F/L	44+28.33	20.15 RT	876.81	GLEN LN
74	F/L	44+22.89	16.99 RT	876.56	GLEN LN
75	F/L	44+18.93	15.69 RT	876.39	GLEN LN
76	F/L	44+13.95	18.21 RT	876.09	GLEN LN

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
77	F/L	44+13.69	23.17 RT	875.45	GLEN LN
78	F/L	44+14.32	28.13 RT	875.61	GLEN LN
79	F/L	44+14.83	32.26 RT	875.75	GLEN LN
80	F/L	44+15.48	37.61 RT	876.47	GLEN LN
81	LANDING	44+23.56	23.71 RT	876.36	GLEN LN
82	LANDING	44+24.99	30.07 RT	876.32	GLEN LN
83	LANDING	44+24.29	34.31 RT	876.37	GLEN LN
84	LANDING	44+20.75	33.62 RT	876.29	GLEN LN
85	LANDING	44+21.41	29.37 RT	876.24	GLEN LN
86	LANDING	44+19.88	24.15 RT	876.30	GLEN LN
87	F/L	43+87.67	34.73 RT	876.40	GLEN LN
88	F/L	43+87.51	31.74 RT	876.22	GLEN LN

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
89	F/L	43+86.24	26.68 RT	875.90	GLEN LN
90	F/L	43+84.44	23.15 RT	875.65	GLEN LN
91	LANDING	43+80.05	26.35 RT	876.22	GLEN LN
92	LANDING	43+79.88	31.37 RT	876.32	GLEN LN
93	LANDING	43+76.26	31.25 RT	876.34	GLEN LN
94	LANDING	43+76.39	26.22 RT	876.25	GLEN LN

0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

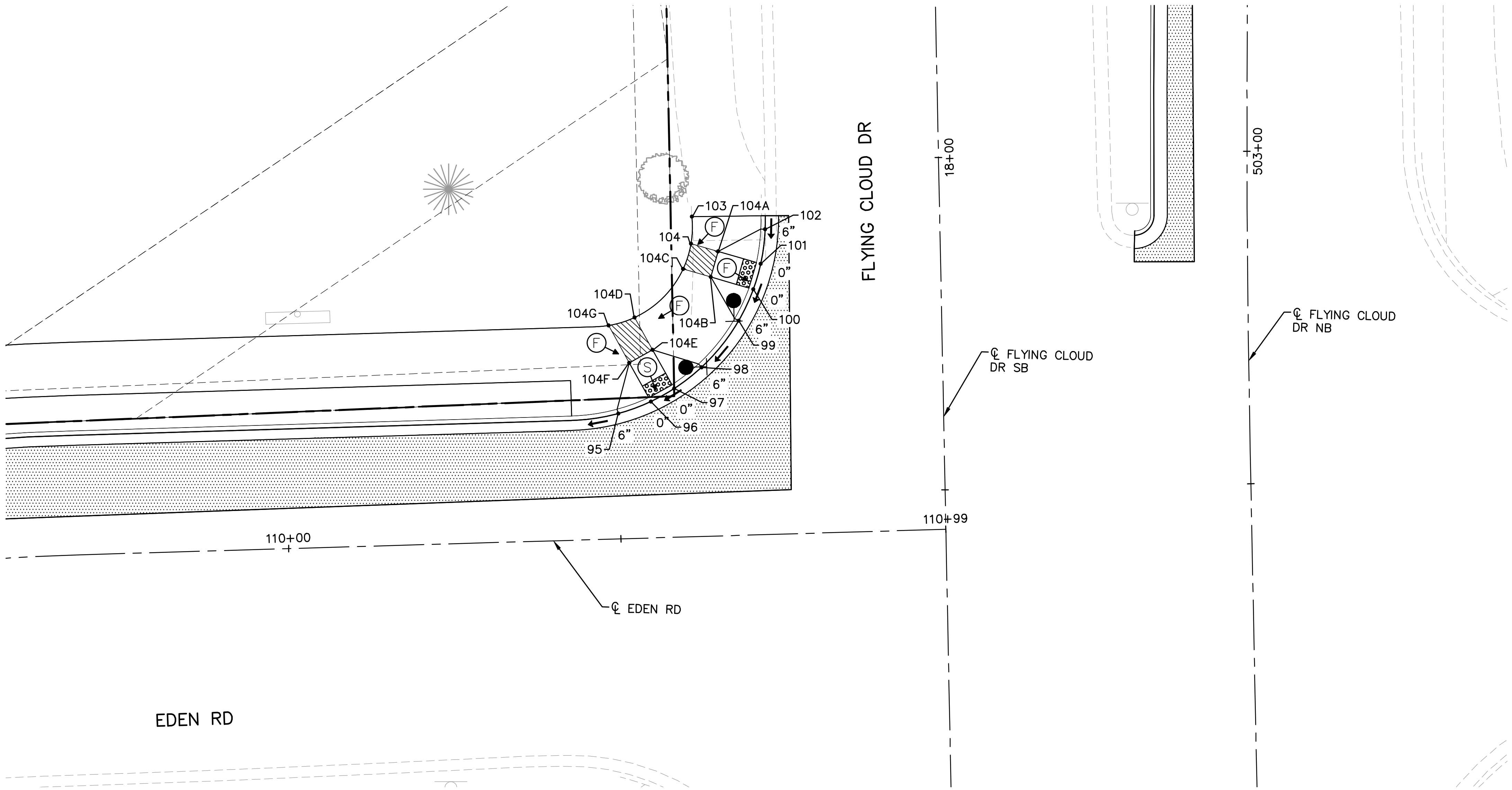
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 6

DISCIPLINE: CIVIL

SHEET NAME: W1-CIV-INT-006

Jan. 18 2016 11:00 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmcclement



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
95	F/L	110+50.16	-18.84 LT	886.31	EDEN RD
96	F/L	110+55.11	-20.50 LT	886.39	EDEN RD
97	F/L	110+58.67	-22.35 LT	886.45	EDEN RD
98	F/L	110+62.87	-25.43 LT	886.53	EDEN RD
99	F/L	110+68.66	-32.27 LT	886.67	EDEN RD
100	F/L	110+71.00	-36.93 LT	886.75	EDEN RD
101	F/L	110+72.22	-40.74 LT	886.82	EDEN RD
102	F/L	110+73.04	-45.90 LT	886.90	EDEN RD
103	LANDING	110+62.09	-48.14 LT	887.05	EDEN RD
104	LANDING	110+61.84	-44.08 LT	887.06	EDEN RD
104A	LANDING	110+65.87	-42.78 LT	887.00	EDEN RD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
104B	LANDING	110+64.65	-38.97 LT	886.97	EDEN RD
104C	LANDING	110+60.54	-40.30 LT	887.03	EDEN RD
104D	LANDING	110+53.03	-33.22 LT	886.96	EDEN RD
104E	LANDING	110+55.59	-28.26 LT	886.87	EDEN RD
104F	LANDING	110+52.04	-26.42 LT	886.83	EDEN RD
104G	LANDING	110+49.08	-32.13 LT	886.94	EDEN RD

0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

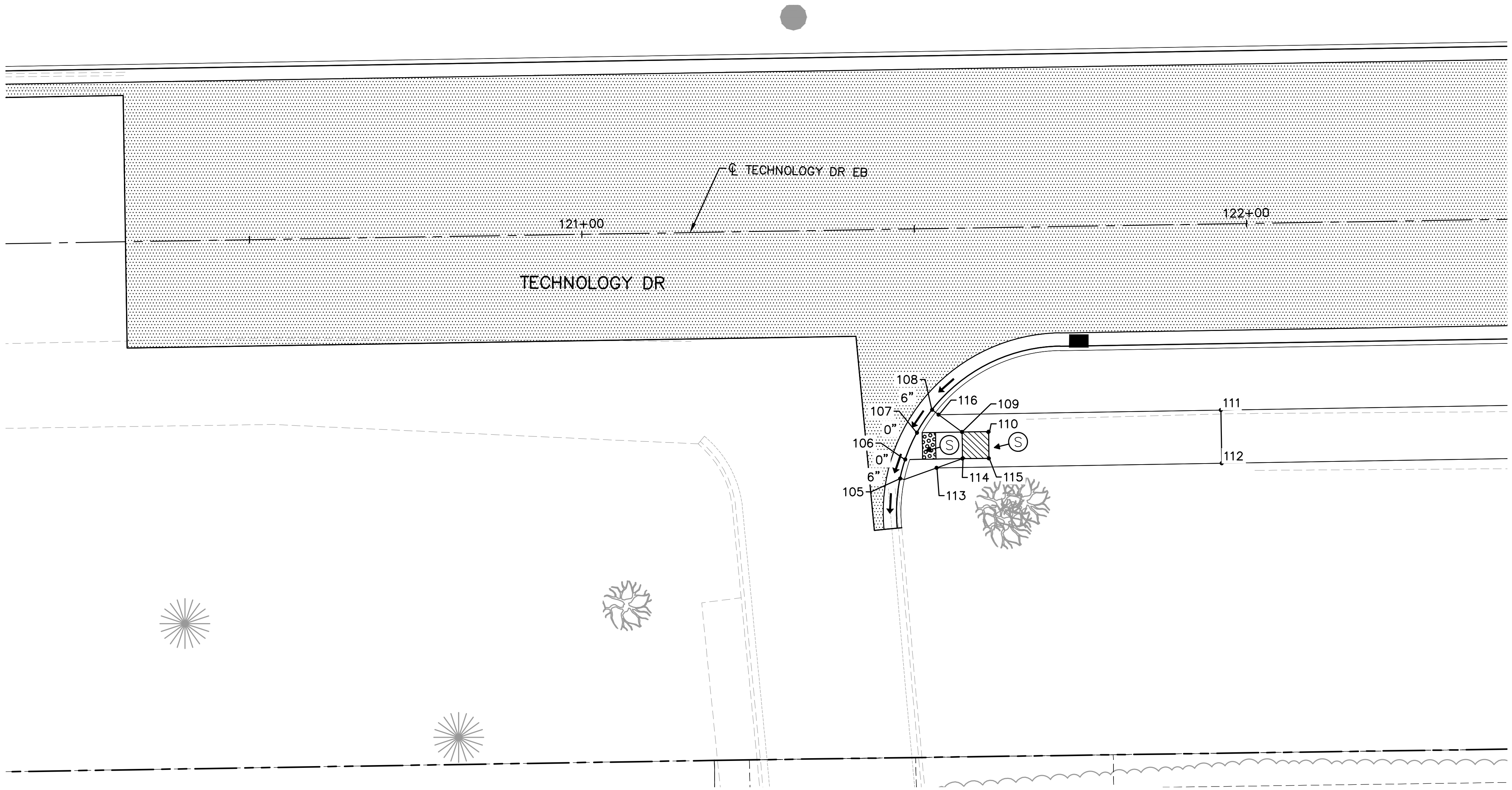
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 7

DISCIPLINE: CIVIL

SHEET NAME: W1-CIV-INT-007

SHEET 25 OF 302



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
105	F/L	121+47.28	37.52 RT	863.15	TECHNOLOGY DR EB 2
106	F/L	121+48.10	34.67 RT	863.35	TECHNOLOGY DR EB 2
107	F/L	121+49.92	30.67 RT	863.64	TECHNOLOGY DR EB 2
108	F/L	121+52.26	27.25 RT	863.92	TECHNOLOGY DR EB 2
109	LANDING	121+56.69	30.67 RT	864.07	TECHNOLOGY DR EB 2
110	LANDING	121+60.69	30.69 RT	864.14	TECHNOLOGY DR EB 2
111	LANDING	121+95.67	28.00 RT	866.85	TECHNOLOGY DR EB 2
112	LANDING	121+95.67	36.00 RT	866.97	TECHNOLOGY DR EB 2
113	LANDING	121+52.80	36.00 RT	863.94	TECHNOLOGY DR EB 2
114	LANDING	121+56.69	34.67 RT	864.00	TECHNOLOGY DR EB 2
115	LANDING	121+60.67	34.69 RT	864.07	TECHNOLOGY DR EB 2

0 5 10 20
HORIZONTAL SCALE IN FEET

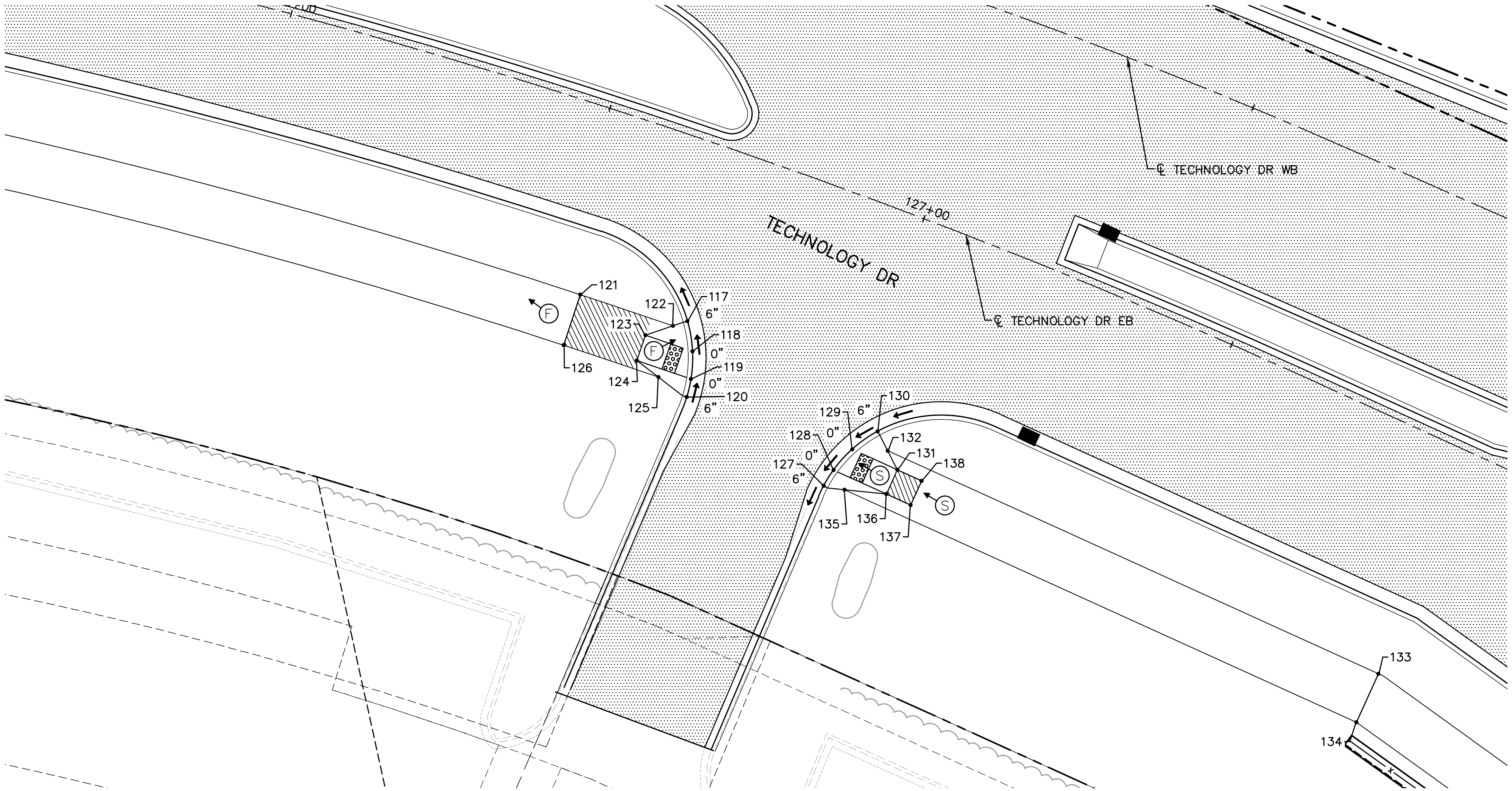
Jan, 18 2016 11:01 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 8

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-INT-008



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
117	F/L	126+71.48	26.62 RT	881.36	TECHNOLOGY DR EB 2
118	F/L	126+73.76	30.66 RT	881.50	TECHNOLOGY DR EB 2
119	F/L	126+74.95	34.66 RT	881.63	TECHNOLOGY DR EB 2
120	F/L	126+75.26	37.41 RT	881.72	TECHNOLOGY DR EB 2
121	LANDING	126+54.48	28.00 RT	881.63	TECHNOLOGY DR EB 2
122	LANDING	126+69.60	28.00 RT	881.78	TECHNOLOGY DR EB 2
123	LANDING	126+66.04	30.68 RT	881.70	TECHNOLOGY DR EB 2
124	LANDING	126+66.04	34.68 RT	881.77	TECHNOLOGY DR EB 2
125	LANDING	126+70.09	36.00 RT	881.81	TECHNOLOGY DR EB 2
126	LANDING	126+54.49	35.99 RT	881.74	TECHNOLOGY DR EB 2
127	F/L	127+00.20	42.87 RT	881.59	TECHNOLOGY DR EB 2
128	F/L	127+00.76	40.13 RT	881.86	TECHNOLOGY DR EB 2

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
129	F/L	127+02.33	36.22 RT	881.94	TECHNOLOGY DR EB 2
130	F/L	127+05.02	32.33 RT	882.33	TECHNOLOGY DR EB 2
131	LANDING	127+10.06	36.64 RT	882.51	TECHNOLOGY DR EB 2
132	LANDING	127+07.57	34.51 RT	882.25	TECHNOLOGY DR EB 2
133	LANDING	127+90.54	36.00 RT	887.68	TECHNOLOGY DR EB 2
134	LANDING	127+90.54	44.00 RT	887.80	TECHNOLOGY DR EB 2
135	LANDING	127+03.46	42.30 RT	882.03	TECHNOLOGY DR EB 2
136	LANDING	127+09.84	40.64 RT	882.54	TECHNOLOGY DR EB 2
137	LANDING	127+14.00	40.84 RT	882.62	TECHNOLOGY DR EB 2
138	LANDING	127+14.21	36.85 RT	882.59	TECHNOLOGY DR EB 2

0 5 10 20
HORIZONTAL SCALE IN FEET

Jan. 18 2016 11:01 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmcclement

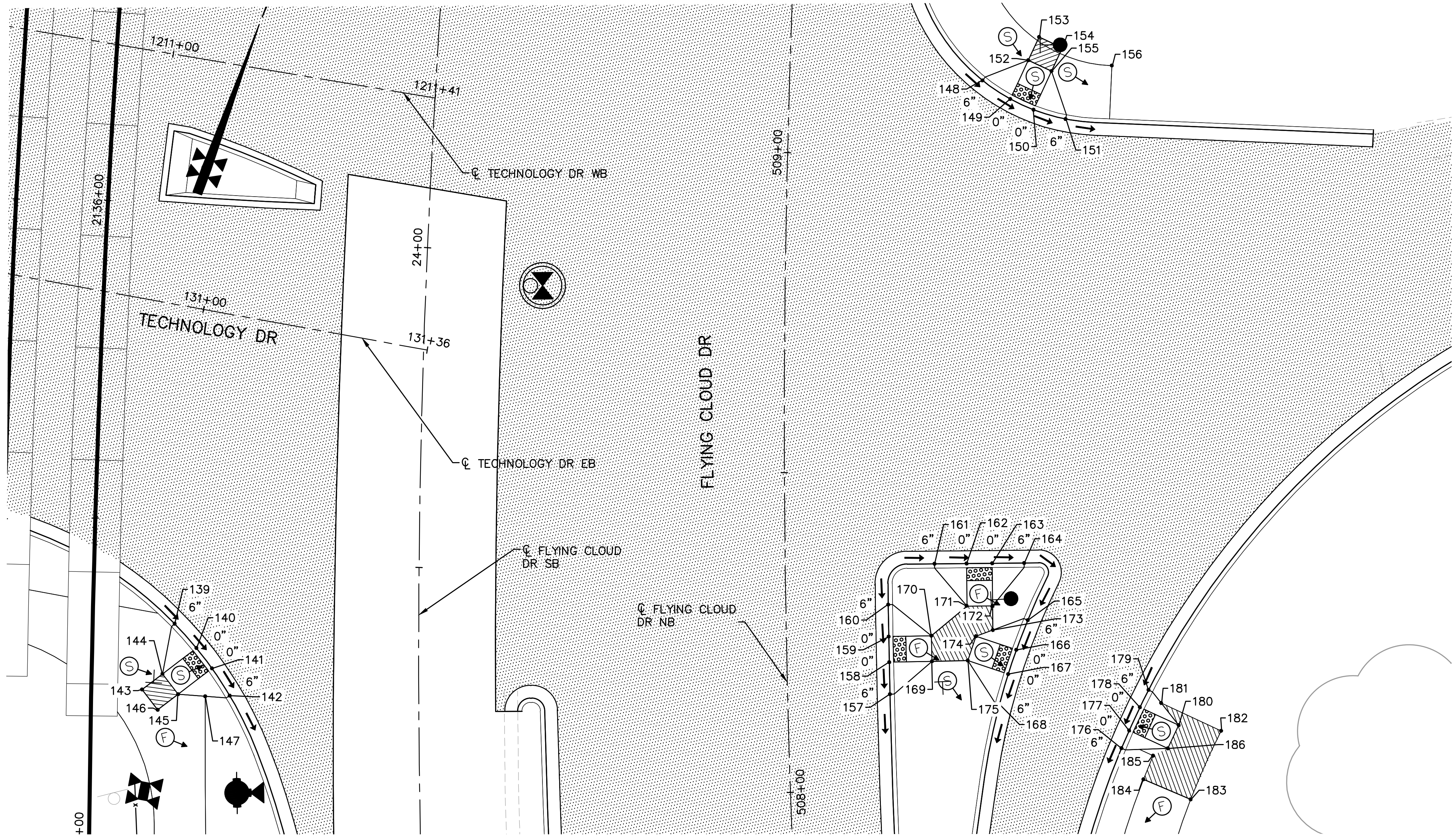
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 9

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-INT-009



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

0 5 10 20
HORIZONTAL
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
139	F/L	131+04.36	49.14 RT	899.09	TECHNOLOGY DR EB 2
140	F/L	131+08.38	52.27 RT	898.92	TECHNOLOGY DR EB 2
141	F/L	131+11.34	54.96 RT	898.85	TECHNOLOGY DR EB 2
142	F/L	131+14.84	58.66 RT	898.66	TECHNOLOGY DR EB 2
143	LANDING	131+01.21	60.17 RT	899.52	TECHNOLOGY DR EB 2
144	LANDING	131+03.90	57.20 RT	899.46	TECHNOLOGY DR EB 2
145	LANDING	131+06.86	59.89 RT	899.38	TECHNOLOGY DR EB 2
146	LANDING	131+04.17	62.86 RT	899.44	TECHNOLOGY DR EB 2
147	LANDING	131+11.10	59.44 RT	899.26	TECHNOLOGY DR EB 2
148	F/L	509+12.24	30.13 RT	898.36	FLYING CLOUD DR NB

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
149	F/L	509+09.42	34.56 RT	898.15	FLYING CLOUD DR NB
150	F/L	509+07.81	38.24 RT	898.07	FLYING CLOUD DR NB
151	F/L	509+06.47	43.29 RT	897.85	FLYING CLOUD DR NB
152	LANDING	509+15.68	37.18 RT	898.67	FLYING CLOUD DR NB
153	LANDING	509+19.45	38.74 RT	898.74	FLYING CLOUD DR NB
154	LANDING	509+17.85	42.43 RT	898.67	FLYING CLOUD DR NB
155	LANDING	509+14.08	40.86 RT	898.60	FLYING CLOUD DR NB
156	LANDING	509+15.27	50.25 RT	898.25	FLYING CLOUD DR NB
157	F/L	508+14.97	16.00 RT	895.76	FLYING CLOUD DR NB
158	F/L	508+20.02	16.00 RT	895.94	FLYING CLOUD DR NB

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
159	F/L	508+24.06	16.00 RT	896.02	FLYING CLOUD DR NB
160	F/L	508+29.11	16.00 RT	896.19	FLYING CLOUD DR NB
161	F/L	508+35.45	23.33 RT	896.11	FLYING CLOUD DR NB
162	F/L	508+35.43	28.33 RT	896.00	FLYING CLOUD DR NB
163	F/L	508+35.41	32.33 RT	895.93	FLYING CLOUD DR NB
164	F/L	508+35.39	37.33 RT	895.80	FLYING CLOUD DR NB
165	F/L	508+26.25	37.76 RT	895.71	FLYING CLOUD DR NB
166	F/L	508+21.56	35.89 RT	895.34	FLYING CLOUD DR NB
167	F/L	508+17.72	34.53 RT	895.27	FLYING CLOUD DR NB
168	F/L	508+12.89	33.04 RT	895.14	FLYING CLOUD DR NB

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
169	LANDING	508+20.02	22.67 RT	895.78	FLYING CLOUD DR NB
170	LANDING	508+24.07	22.66 RT	895.84	FLYING CLOUD DR NB
171	LANDING	508+28.71	28.25 RT	895.89	FLYING CLOUD DR NB
172	LANDING	508+28.62	32.29 RT	895.75	FLYING CLOUD DR NB
173	LANDING	508+24.78	32.26 RT	895.77	FLYING CLOUD DR NB
174	LANDING	508+23.85	29.61 RT	895.78	FLYING CLOUD DR NB
175	LANDING	508+20.02	28.26 RT	895.70	FLYING CLOUD DR NB
176	F/L	508+05.35	51.91 RT	894.26	FLYING CLOUD DR NB
177	F/L	508+08.18	53.19 RT	894.36	FLYING CLOUD DR NB
178	F/L	508+11.88	54.97 RT	894.42	FLYING CLOUD DR NB

POINT TABLE

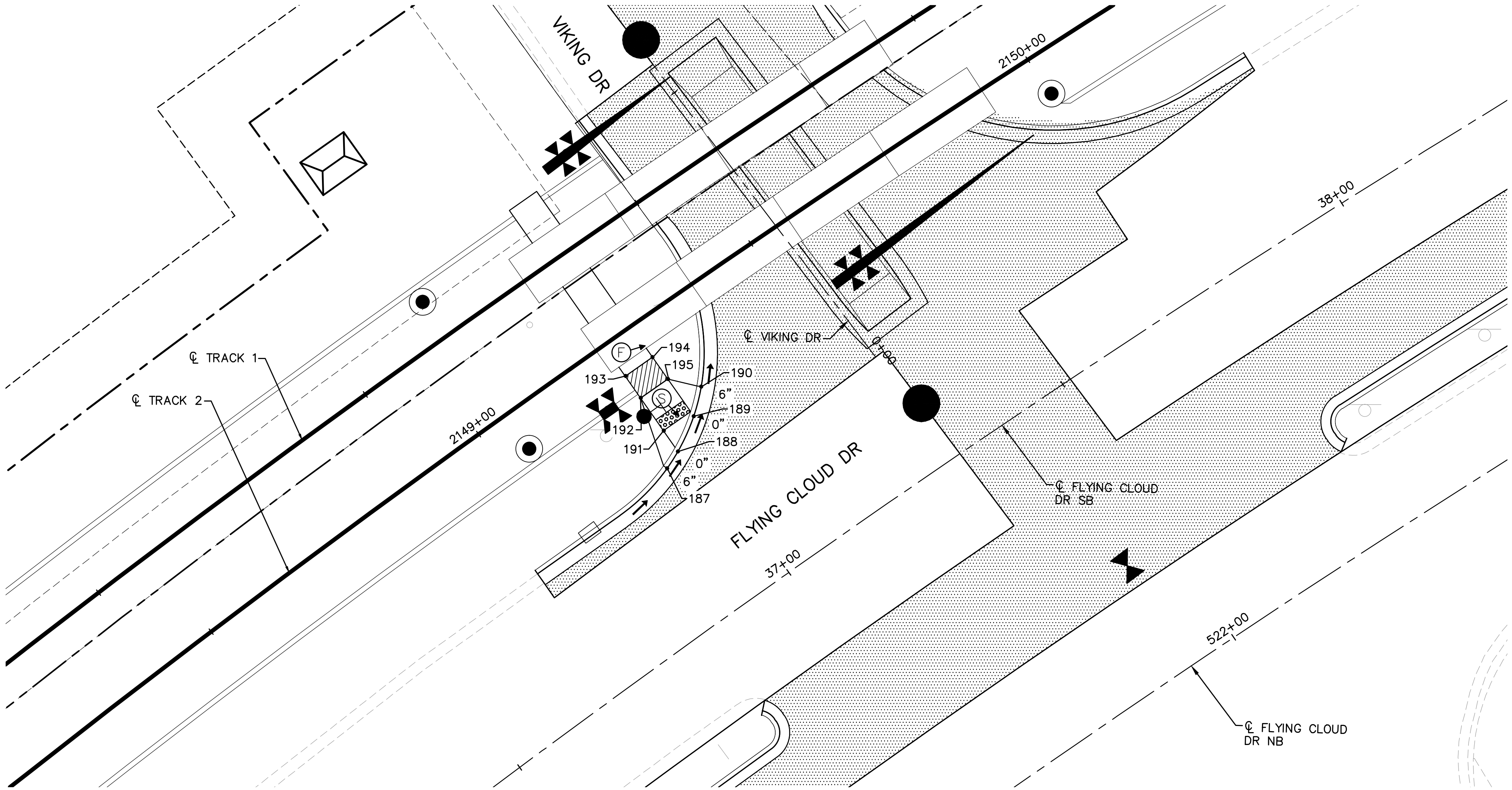
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
179	F/L	508+14.64	56.39 RT	894.52	FLYING CLOUD DR NB
180	LANDING	508+08.81	60.94 RT	894.92	FLYING CLOUD DR NB
181	LANDING	508+12.48	58.30 RT	894.99	FLYING CLOUD DR NB
182	LANDING	508+07.71	67.55 RT	895.05	FLYING CLOUD DR NB
183	LANDING	507+96.73	62.44 RT	894.96	FLYING CLOUD DR NB
184	LANDING	508+00.23	55.19 RT	894.84	FLYING CLOUD DR NB
185	LANDING	508+04.00	56.81 RT	894.85	FLYING CLOUD DR NB
186	LANDING	508+05.10	59.15 RT	894.86	FLYING CLOUD DR NB

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 10

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-INT-010



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW
	PEDESTRIAN PUSH BUTTON

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
187	F/L	521+45.23	-69.25 LT	912.35	FLYING CLOUD DR NB
188	F/L	521+47.91	-70.38 LT	912.28	FLYING CLOUD DR NB
189	F/L	521+52.74	-73.35 LT	912.14	FLYING CLOUD DR NB
190	F/L	521+56.09	-76.35 LT	912.02	FLYING CLOUD DR NB
191	LANDING	521+47.99	-74.17 LT	912.28	FLYING CLOUD DR NB
192	LANDING	521+48.03	-80.21 LT	912.76	FLYING CLOUD DR NB
193	LANDING	521+48.05	-84.21 LT	912.79	FLYING CLOUD DR NB
194	LANDING	521+52.78	-84.18 LT	912.70	FLYING CLOUD DR NB
195	LANDING	521+52.80	-80.14 LT	912.69	FLYING CLOUD DR NB

0 5 10 20
HORIZONTAL SCALE IN FEET

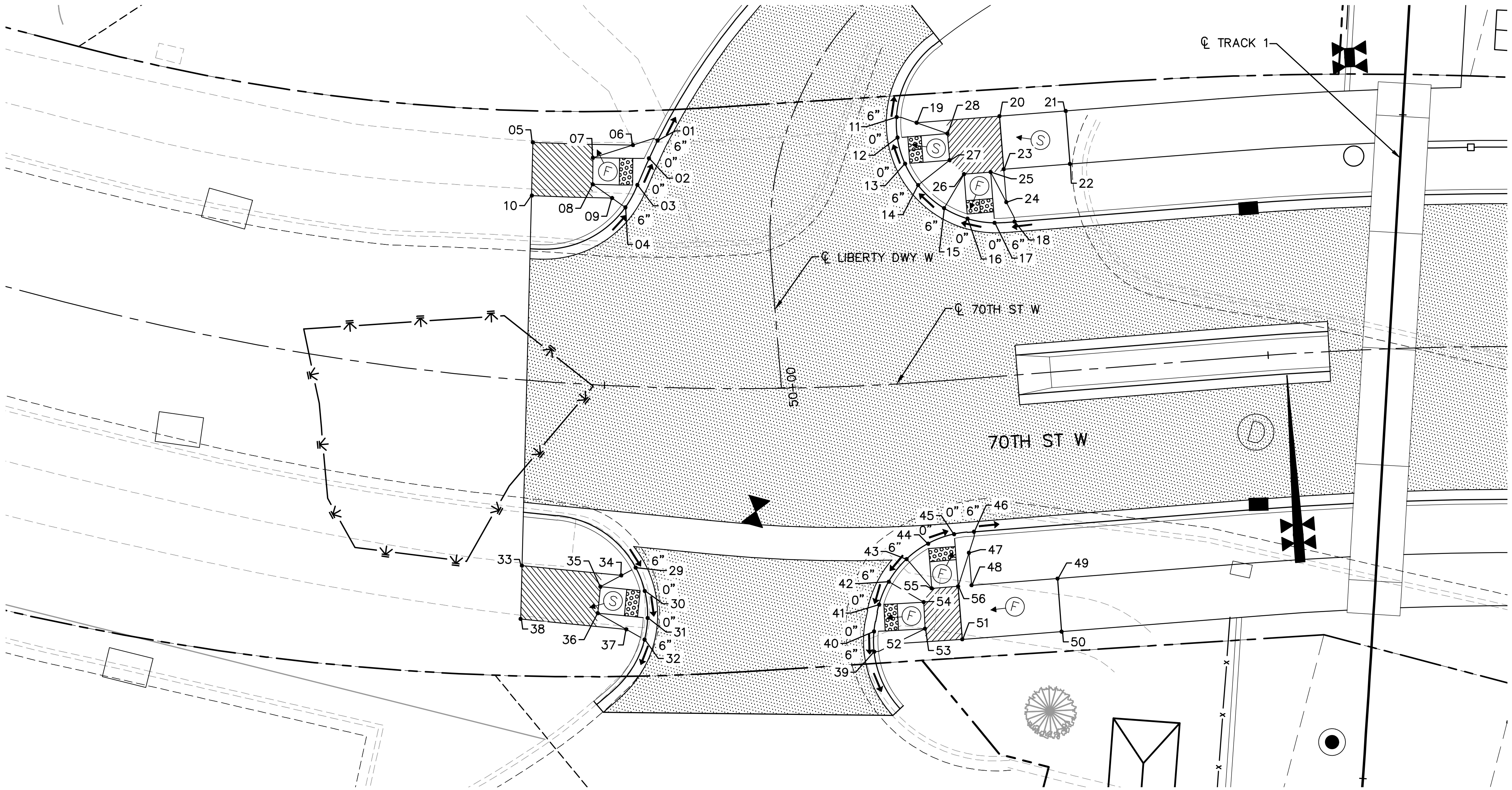
Jan, 18 2016 11:03 am V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-INT.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 11

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-INT-011



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	301+06.77	-37.13 LT	863.86	70TH ST W
02	F/L	301+05.44	-34.38 LT	863.96	70TH ST W
03	F/L	301+03.72	-30.32 LT	864.06	70TH ST W
04	F/L	301+01.93	-26.88 LT	864.20	70TH ST W
05	LANDING	300+86.17	-35.74 LT	863.61	70TH ST W
06	LANDING	301+02.70	-36.29 LT	863.81	70TH ST W
07	LANDING	300+96.23	-34.07 LT	863.73	70TH ST W
08	LANDING	300+96.45	-30.08 LT	863.76	70TH ST W
09	LANDING	300+99.72	-28.19 LT	863.82	70TH ST W
10	LANDING	300+86.74	-27.76 LT	863.64	70TH ST W
11	F/L	301+46.64	-40.06 LT	863.93	70TH ST W
12	F/L	301+46.55	-36.97 LT	864.01	70TH ST W
13	F/L	301+47.51	-32.98 LT	864.15	70TH ST W
14	F/L	301+49.38	-29.62 LT	864.27	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
15	F/L	301+53.18	-25.87 LT	864.45	70TH ST W
16	F/L	301+56.57	-24.02 LT	864.52	70TH ST W
17	F/L	301+60.57	-23.07 LT	864.54	70TH ST W
18	F/L	301+63.57	-23.00 LT	864.55	70TH ST W
19	LANDING	301+49.88	-39.00 LT	864.49	70TH ST W
20	LANDING	301+62.57	-39.00 LT	864.76	70TH ST W
21	LANDING	301+72.57	-39.00 LT	865.48	70TH ST W
22	LANDING	301+72.57	-31.00 LT	865.36	70TH ST W
23	LANDING	301+62.57	-31.00 LT	864.85	70TH ST W
24	LANDING	301+62.57	-26.02 LT	864.97	70TH ST W
25	LANDING	301+60.57	-30.74 LT	864.82	70TH ST W
26	LANDING	301+56.57	-30.74 LT	864.75	70TH ST W
27	LANDING	301+54.57	-33.00 LT	864.69	70TH ST W
28	LANDING	301+54.57	-37.00 LT	864.62	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
29	F/L	301+05.69	27.19 RT	864.25	70TH ST W
30	F/L	301+07.07	30.66 RT	864.20	70TH ST W
31	F/L	301+07.59	34.71 RT	864.15	70TH ST W
32	F/L	301+07.27	37.97 RT	864.12	70TH ST W
33	LANDING	300+89.69	27.85 RT	863.45	70TH ST W
34	LANDING	301+03.71	28.44 RT	863.76	70TH ST W
35	LANDING	301+00.85	30.29 RT	863.69	70TH ST W
36	LANDING	301+00.67	34.28 RT	863.61	70TH ST W
37	LANDING	301+04.71	36.52 RT	863.69	70TH ST W
38	LANDING	300+90.06	35.87 RT	863.39	70TH ST W
39	F/L	301+38.73	40.04 RT	864.02	70TH ST W
40	F/L	301+38.84	37.00 RT	864.09	70TH ST W
41	F/L	301+39.72	33.00 RT	864.18	70TH ST W
42	F/L	301+41.23	29.64 RT	864.27	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
43	F/L	301+43.91	26.41 RT	864.70	70TH ST W
44	F/L	301+47.09	24.28 RT	864.67	70TH ST W
45	F/L	301+50.86	23.13 RT	864.53	70TH ST W
46	F/L	301+53.81	23.00 RT	864.52	70TH ST W
47	LANDING	301+52.81	26.11 RT	864.97	70TH ST W
48	LANDING	301+52.81	31.00 RT	864.91	70TH ST W
49	LANDING	301+65.79	31.02 RT	865.35	70TH ST W
51	LANDING	301+50.86	39.00 RT	864.82	70TH ST W
52	LANDING	301+41.48	39.00 RT	864.63	70TH ST W
53	LANDING	301+45.87	37.00 RT	864.72	70TH ST W
54	LANDING	301+45.92	33.00 RT	864.73	70TH ST W
55	LANDING	301+47.16	31.01 RT	864.77	70TH ST W
56	LANDING	301+50.86	31.03 RT	864.84	70TH ST W

0 5 10 20
HORIZONTAL
SCALE IN FEET

Jan. 18 2016 11:05 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-INT.dwg By: kmclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

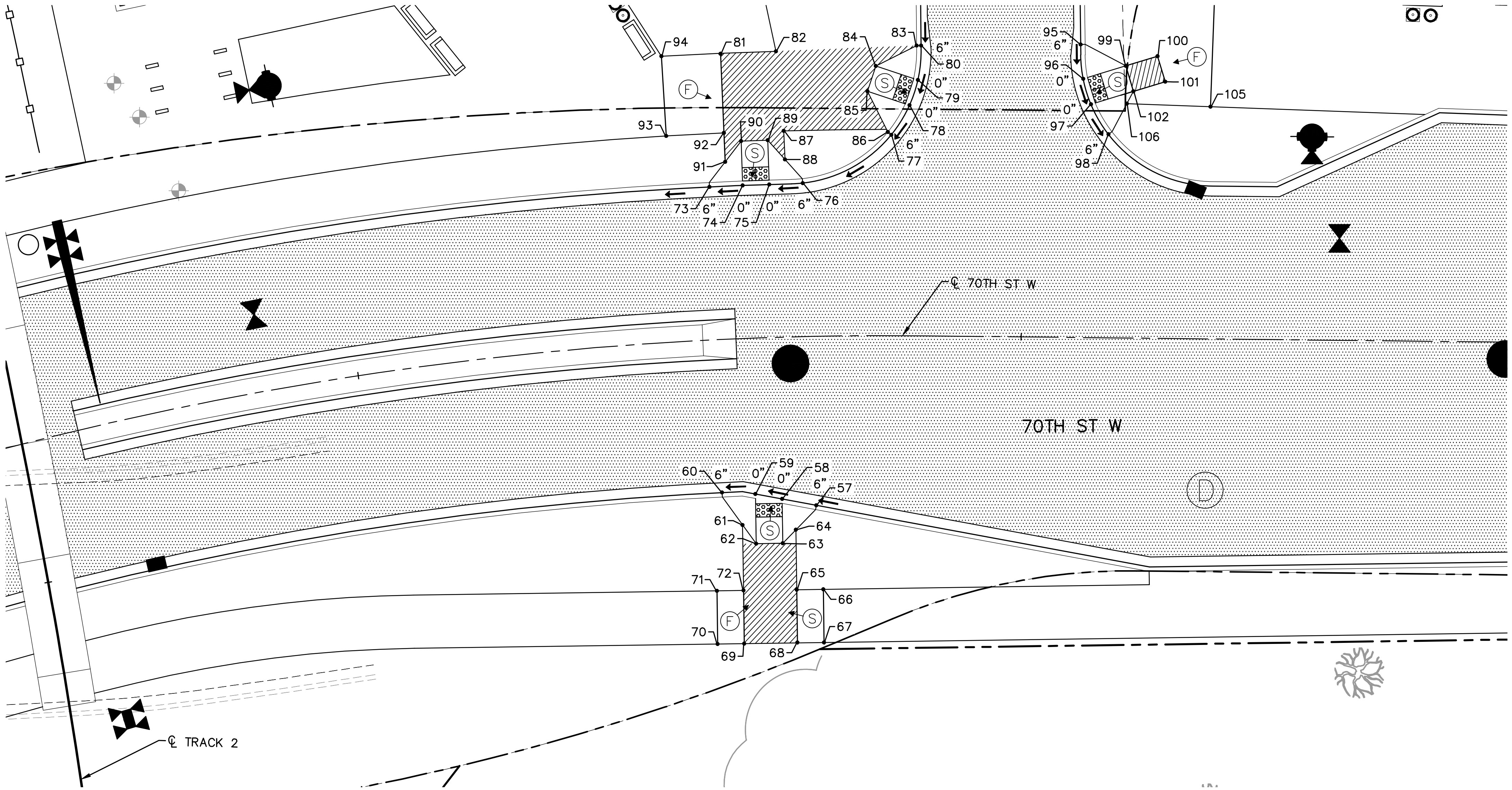
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 12

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-INT-001

SHEET 30 OF 302



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
57	F/L	303+68.66	25.41 RT	865.95	70TH ST W
58	F/L	303+63.30	24.33 RT	865.91	70TH ST W
59	F/L	303+59.12	23.44 RT	865.87	70TH ST W
60	F/L	303+53.87	23.00 RT	865.68	70TH ST W
61	LANDING	303+56.88	28.02 RT	866.34	70TH ST W
62	LANDING	303+58.92	30.92 RT	866.37	70TH ST W
63	LANDING	303+63.17	31.00 RT	866.42	70TH ST W
64	LANDING	303+65.32	29.03 RT	866.39	70TH ST W
65	LANDING	303+65.19	38.04 RT	866.55	70TH ST W
66	LANDING	303+69.51	38.08 RT	866.82	70TH ST W
67	LANDING	303+69.46	46.08 RT	866.94	70TH ST W
68	LANDING	303+65.08	45.98 RT	866.70	70TH ST W
69	LANDING	303+56.31	45.87 RT	866.66	70TH ST W
70	LANDING	303+51.93	45.73 RT	866.71	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
71	LANDING	303+52.26	37.73 RT	866.58	70TH ST W
72	LANDING	303+56.57	37.87 RT	866.51	70TH ST W
73	F/L	303+54.23	−23.00 LT	865.69	70TH ST W
74	F/L	303+59.02	−23.00 LT	865.76	70TH ST W
75	F/L	303+62.85	−23.00 LT	865.82	70TH ST W
76	F/L	303+67.69	−23.07 LT	865.86	70TH ST W
77	F/L	303+80.43	−30.19 LT	865.94	70TH ST W
78	F/L	303+83.00	−34.65 LT	865.97	70TH ST W
79	F/L	303+84.15	−38.45 LT	866.01	70TH ST W
80	F/L	303+84.55	−43.65 LT	866.38	70TH ST W
81	LANDING	303+56.65	−42.93 LT	866.53	70TH ST W
82	LANDING	303+64.37	−43.00 LT	866.50	70TH ST W
83	LANDING	303+83.93	−43.63 LT	866.88	70TH ST W
84	LANDING	303+78.25	−40.54 LT	866.55	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
85	LANDING	303+77.07	−36.75 LT	866.51	70TH ST W
86	LANDING	303+79.94	−30.61 LT	866.44	70TH ST W
87	LANDING	303+65.15	−31.00 LT	866.38	70TH ST W
88	LANDING	303+65.21	−26.70 LT	866.36	70TH ST W
89	LANDING	303+62.83	−29.67 LT	866.35	70TH ST W
90	LANDING	303+59.04	−29.67 LT	866.30	70TH ST W
91	LANDING	303+56.65	−26.66 LT	866.24	70TH ST W
92	LANDING	303+56.65	−31.00 LT	866.32	70TH ST W
93	LANDING	303+48.43	−31.00 LT	866.40	70TH ST W
94	LANDING	303+48.43	−43.00 LT	866.58	70TH ST W
95	F/L	304+08.47	−44.07 LT	866.42	70TH ST W
96	F/L	304+08.93	−38.92 LT	866.30	70TH ST W
97	F/L	304+10.13	−35.10 LT	866.26	70TH ST W
98	F/L	304+12.81	−30.61 LT	866.44	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
99	LANDING	304+15.29	−40.92 LT	866.79	70TH ST W
100	LANDING	304+20.06	−42.43 LT	866.89	70TH ST W
101	LANDING	304+21.26	−38.62 LT	866.85	70TH ST W
102	LANDING	304+16.49	−37.11 LT	866.75	70TH ST W
103	LANDING	304+08.96	−51.74 LT	867.06	70TH ST W
104	LANDING	304+28.52	−51.25 LT	867.30	70TH ST W
105	LANDING	304+28.11	−34.92 LT	867.10	70TH ST W
106	LANDING	304+15.52	−35.24 LT	866.81	70TH ST W

0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

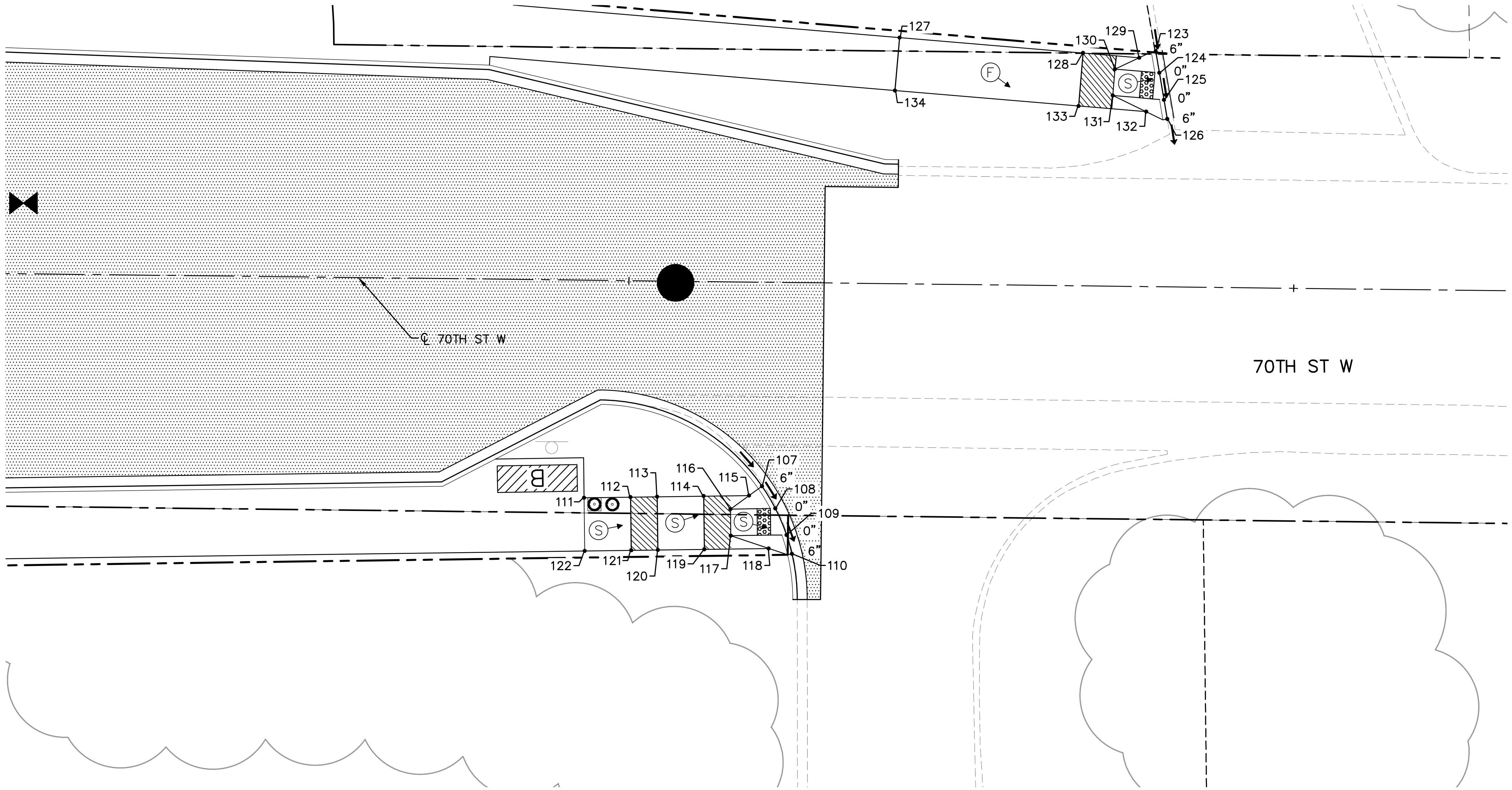
AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 13

DISCIPLINE: CIVIL
SHEET NAME: W2-CIV-INT-002

Jan. 18 2016 11:05 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-INT.dwg By: kmcclement



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
107	F/L	306+20.38	30.69 RT	866.49	70TH ST W
108	F/L	306+22.42	34.01 RT	866.42	70TH ST W
109	F/L	306+24.15	37.98 RT	866.25	70TH ST W
110	F/L	306+25.00	40.80 RT	866.49	70TH ST W
111	LANDING	305+93.64	32.73 RT	868.04	70TH ST W
112	LANDING	306+00.63	32.55 RT	867.89	70TH ST W
113	LANDING	306+04.62	32.45 RT	867.32	70TH ST W
114	LANDING	306+11.62	32.28 RT	866.95	70TH ST W
115	LANDING	306+18.45	32.11 RT	866.88	70TH ST W
116	LANDING	306+15.67	34.18 RT	866.87	70TH ST W
117	LANDING	306+15.77	38.18 RT	866.80	70TH ST W
118	LANDING	306+21.49	40.03 RT	866.68	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
119	LANDING	306+11.82	40.28 RT	866.88	70TH ST W
120	LANDING	306+04.83	40.45 RT	867.46	70TH ST W
121	LANDING	306+00.83	40.55 RT	867.53	70TH ST W
122	LANDING	305+93.84	40.73 RT	868.11	70TH ST W
123	F/L	306+78.84	-35.40 LT	866.43	70TH ST W
124	F/L	306+79.43	-32.18 LT	866.43	70TH ST W
125	F/L	306+80.17	-28.11 LT	866.43	70TH ST W
126	F/L	306+80.70	-25.24 LT	866.41	70TH ST W
127	LANDING	306+40.29	-37.03 LT	867.62	70TH ST W
128	LANDING	306+67.92	-35.02 LT	866.94	70TH ST W
129	LANDING	306+76.38	-34.41 LT	866.90	70TH ST W
130	LANDING	306+72.76	-32.66 LT	866.85	70TH ST W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
131	LANDING	306+72.47	-28.68 LT	866.85	70TH ST W
132	LANDING	306+77.52	-26.30 LT	866.89	70TH ST W
133	LANDING	306+67.34	-27.04 LT	866.90	70TH ST W
134	LANDING	306+39.70	-29.04 LT	867.57	70TH ST W

0 5 10 20
HORIZONTAL SCALE IN FEET

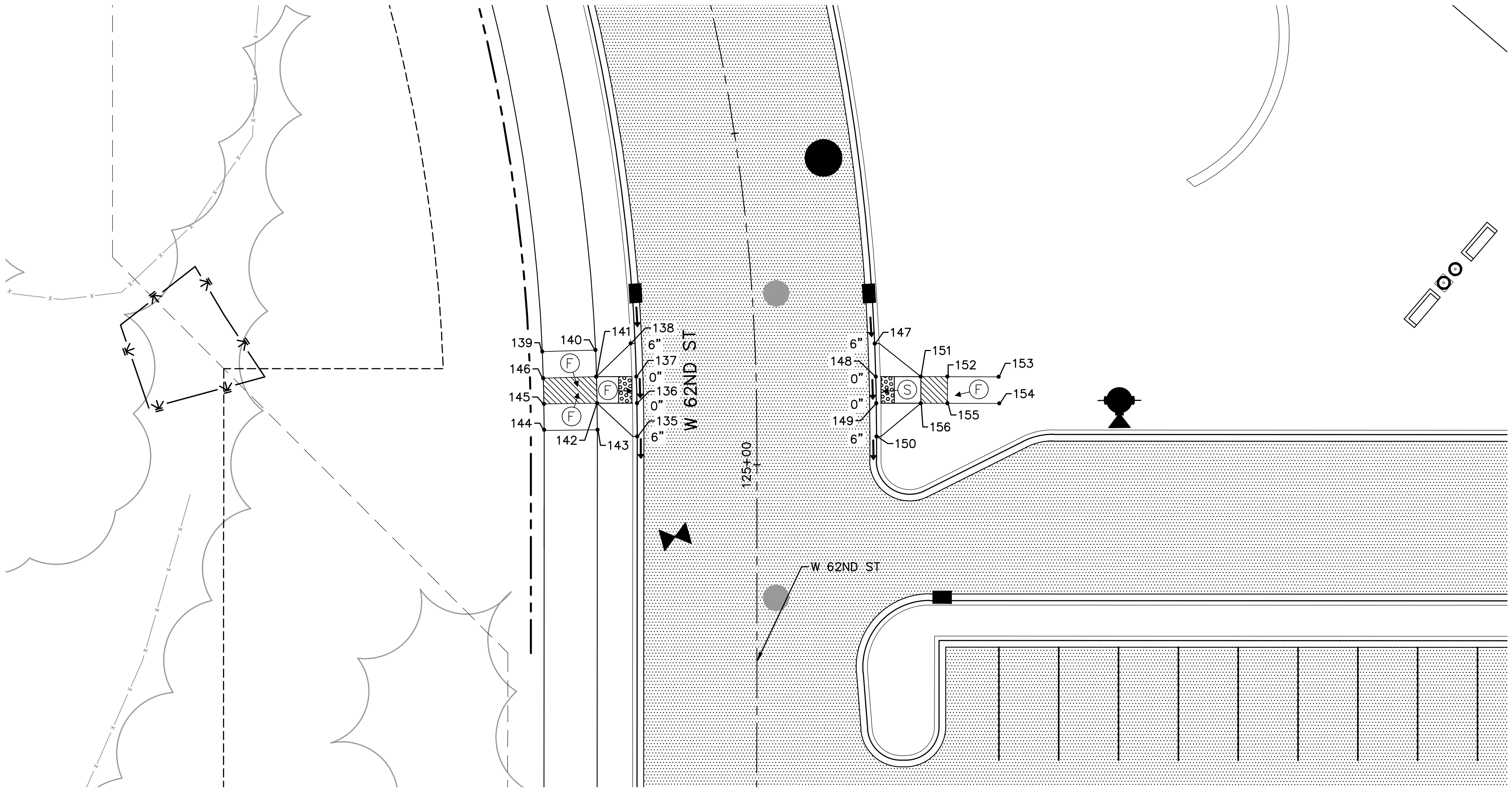
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 14

DISCIPLINE: CIVIL
SHEET NAME: W2-CIV-INT-003



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
135	F/L	124+95.72	18.00 RT	923.82	W 62ND ST
136	F/L	124+90.44	18.00 RT	923.85	W 62ND ST
137	F/L	124+86.18	18.00 RT	923.87	W 62ND ST
138	F/L	124+80.82	18.67 RT	924.39	W 62ND ST
139	LANDING	124+81.50	32.00 RT	924.72	W 62ND ST
140	LANDING	124+81.63	24.00 RT	924.60	W 62ND ST
141	LANDING	124+85.98	24.03 RT	924.32	W 62ND ST
142	LANDING	124+90.33	24.00 RT	924.30	W 62ND ST
143	LANDING	124+94.68	23.97 RT	924.54	W 62ND ST
144	LANDING	124+94.68	32.00 RT	924.65	W 62ND ST
145	LANDING	124+90.33	32.00 RT	924.46	W 62ND ST
146	LANDING	124+85.98	32.03 RT	924.59	W 62ND ST

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
147	F/L	124+82.51	–18.00 LT	923.89	W 62ND ST
148	F/L	124+87.20	–18.00 LT	923.86	W 62ND ST
149	F/L	124+90.98	–18.00 LT	923.84	W 62ND ST
150	F/L	124+95.72	–18.00 LT	923.82	W 62ND ST
151	LANDING	124+87.37	–24.75 LT	924.40	W 62ND ST
152	LANDING	124+87.47	–28.75 LT	924.47	W 62ND ST
153	LANDING	124+87.65	–36.46 LT	???	W 62ND ST
154	LANDING	124+91.21	–36.48 LT	924.61	W 62ND ST
155	LANDING	124+91.12	–28.67 LT	924.45	W 62ND ST
156	LANDING	124+91.07	–24.67 LT	924.38	W 62ND ST

0 5 10 20
HORIZONTAL SCALE IN FEET

Jan. 18 2016 11:06 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-INT.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

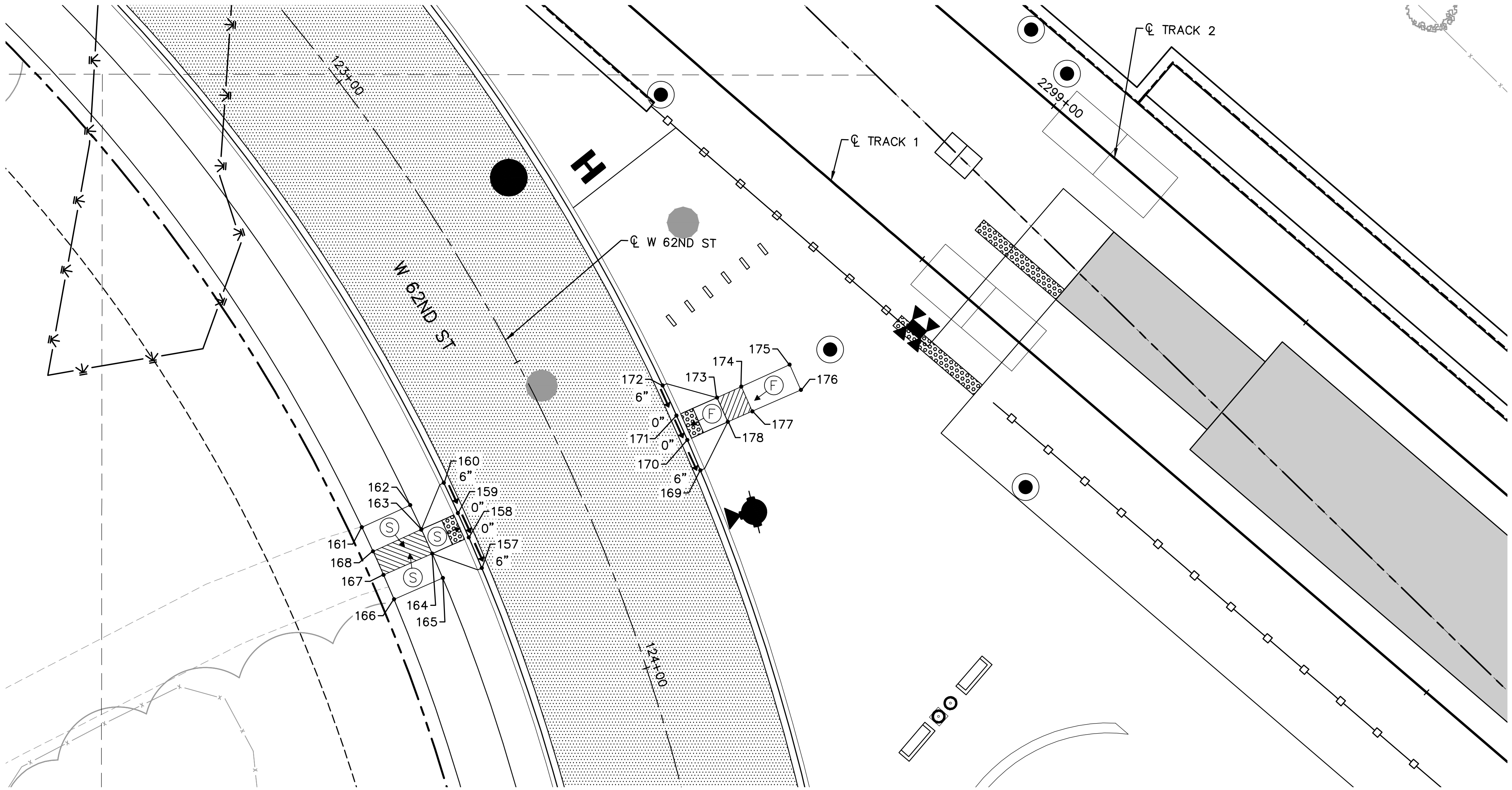
AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 15

DISCIPLINE: CIVIL
SHEET NAME: W2-CIV-INT-004

SHEET 33 OF 302



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
157	F/L	123+76.59	18.00 RT	924.42	W 62ND ST
158	F/L	123+71.25	18.00 RT	924.44	W 62ND ST
159	F/L	123+67.00	18.00 RT	924.46	W 62ND ST
160	F/L	123+61.66	18.00 RT	924.48	W 62ND ST
161	LANDING	123+62.47	32.00 RT	925.31	W 62ND ST
162	LANDING	123+62.60	24.00 RT	925.19	W 62ND ST
163	LANDING	123+66.95	24.00 RT	924.94	W 62ND ST
164	LANDING	123+71.30	24.00 RT	924.92	W 62ND ST
165	LANDING	123+75.64	23.97 RT	925.13	W 62ND ST
166	LANDING	123+75.78	32.00 RT	925.25	W 62ND ST
167	LANDING	123+71.30	32.00 RT	925.04	W 62ND ST
168	LANDING	123+66.95	32.00 RT	925.06	W 62ND ST

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
169	F/L	123+75.71	−18.00 LT	924.92	W 62ND ST
170	F/L	123+71.01	−18.00 LT	924.44	W 62ND ST
171	F/L	123+67.24	−18.00 LT	924.46	W 62ND ST
172	F/L	123+62.53	−18.00 LT	924.48	W 62ND ST
173	LANDING	123+67.28	−24.67 LT	924.99	W 62ND ST
174	LANDING	123+67.28	−28.67 LT	925.07	W 62ND ST
175	LANDING	123+67.28	−36.66 LT	925.23	W 62ND ST
176	LANDING	123+70.97	−36.66 LT	925.21	W 62ND ST
177	LANDING	123+71.02	−28.67 LT	925.05	W 62ND ST
178	LANDING	123+70.97	−24.67 LT	924.97	W 62ND ST

0 5 10 20
HORIZONTAL SCALE IN FEET

Jan. 18 2016 11:07 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-INT.dwg By: kmclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

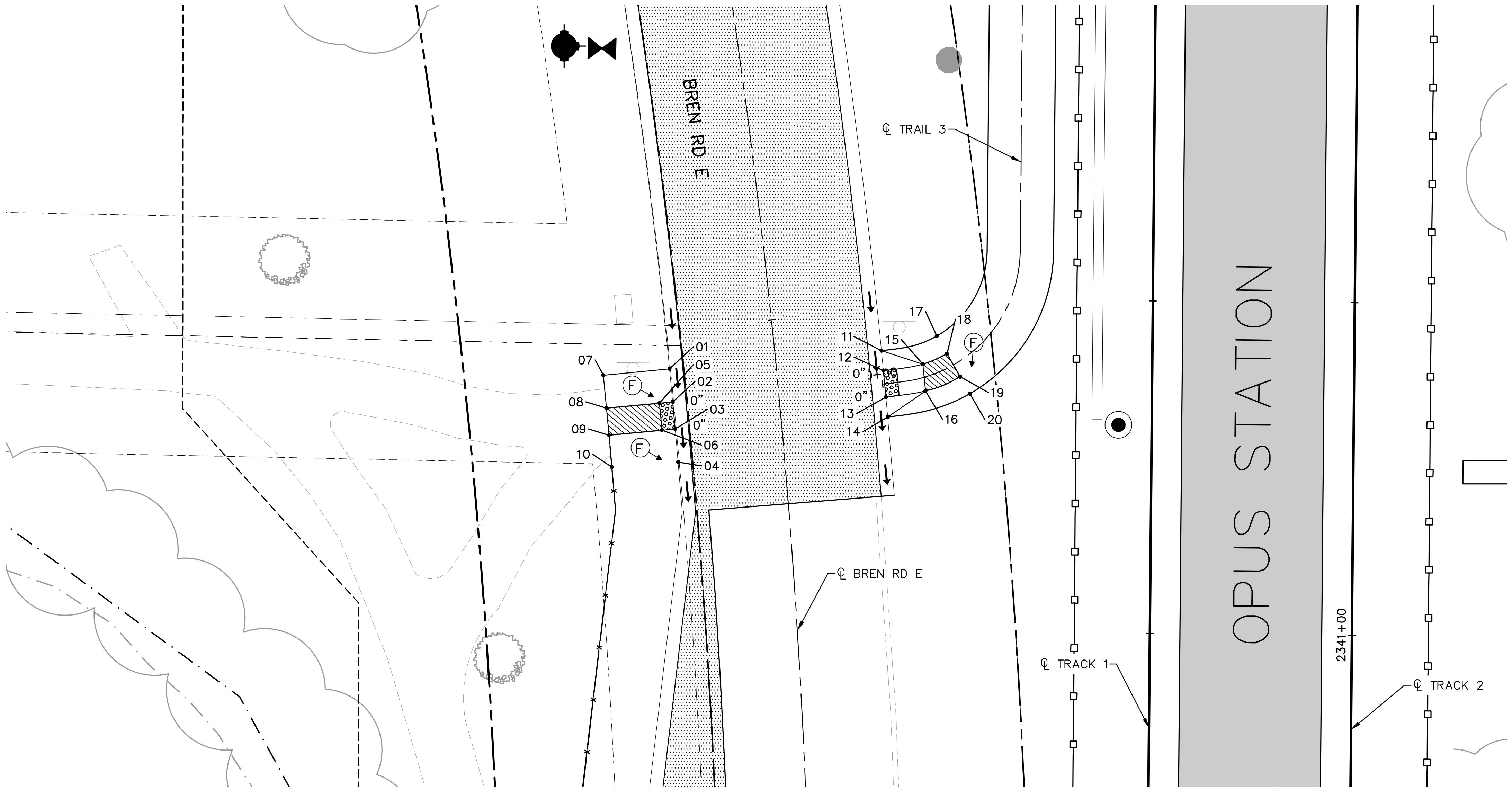
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 16

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-INT-005



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	1006+05.83	16.00 RT	894.39	BREN RD E
02	F/L	1006+10.90	16.00 RT	894.35	BREN RD E
03	F/L	1006+15.03	16.00 RT	894.32	BREN RD E
04	F/L	1006+20.10	15.98 RT	894.28	BREN RD E
05	LANDING	1006+10.90	18.00 RT	894.38	BREN RD E
06	LANDING	1006+15.04	18.00 RT	894.35	BREN RD E
07	LANDING	1006+05.81	26.00 RT	894.54	BREN RD E
08	LANDING	1006+10.88	26.00 RT	894.50	BREN RD E
09	LANDING	1006+15.05	26.00 RT	894.47	BREN RD E
10	LANDING	1006+20.00	26.00 RT	894.43	BREN RD E

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
11	F/L	1006+06.25	−16.00 LT	895.03	BREN RD E
12	F/L	1006+09.21	−16.00 LT	895.01	BREN RD E
13	F/L	1006+13.15	−16.00 LT	894.97	BREN RD E
14	F/L	1006+16.11	−16.00 LT	894.95	BREN RD E
15	LANDING	1006+08.82	−22.00 LT	895.08	BREN RD E
16	LANDING	1006+12.80	−22.00 LT	895.02	BREN RD E
17	LANDING	1006+04.89	−24.50 LT	895.17	BREN RD E
18	LANDING	1006+07.62	−25.75 LT	895.13	BREN RD E
19	LANDING	1006+11.17	−27.39 LT	895.07	BREN RD E
20	LANDING	1006+13.80	−28.62 LT	895.02	BREN RD E

0 5 10 20
HORIZONTAL SCALE IN FEET

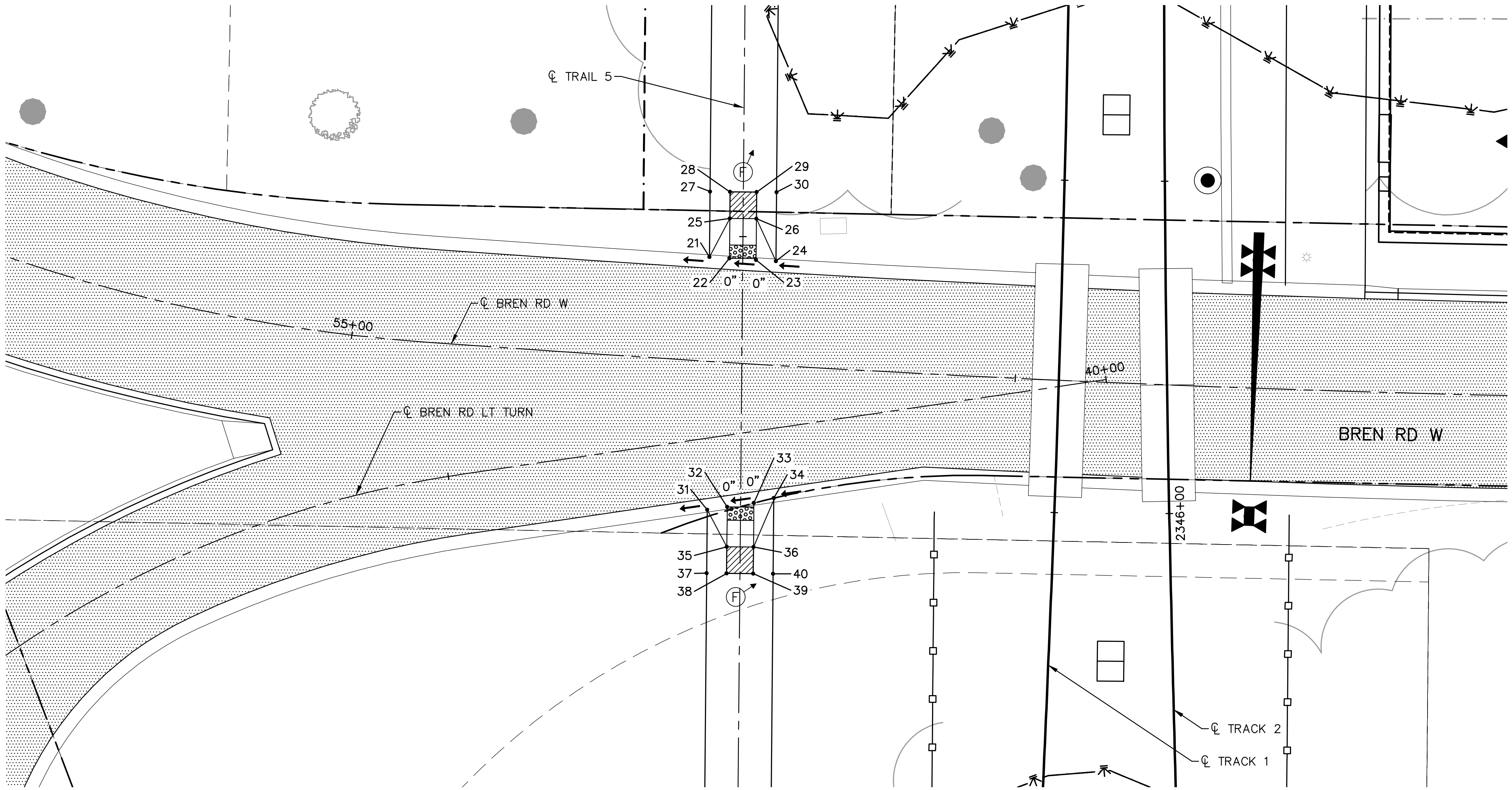
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 17

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-001



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
21	F/L	54+47.05	15.67 RT	895.53	BREN RD W
22	F/L	54+44.03	15.67 RT	895.56	BREN RD W
23	F/L	54+40.00	15.67 RT	895.60	BREN RD W
24	F/L	54+36.98	15.67 RT	895.63	BREN RD W
25	LANDING	54+44.35	21.66 RT	895.28	BREN RD W
26	LANDING	54+40.33	21.87 RT	895.25	BREN RD W
27	LANDING	54+47.59	25.49 RT	895.28	BREN RD W
28	LANDING	54+44.57	25.66 RT	895.24	BREN RD W
29	LANDING	54+40.54	25.87 RT	895.18	BREN RD W
30	LANDING	54+37.51	26.02 RT	895.13	BREN RD W

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
31	F/L	54+45.00	–22.29 LT	896.31	BREN RD W
32	F/L	54+42.05	–21.67 LT	896.33	BREN RD W
33	F/L	54+38.12	–20.84 LT	896.35	BREN RD W
34	F/L	54+35.18	–19.92 LT	896.30	BREN RD W
35	LANDING	54+41.74	–27.66 LT	896.40	BREN RD W
36	LANDING	54+37.78	–27.45 LT	896.37	BREN RD W
37	LANDING	54+44.50	–31.81 LT	896.49	BREN RD W
38	LANDING	54+41.53	–31.65 LT	896.45	BREN RD W
39	LANDING	54+37.58	–31.45 LT	896.39	BREN RD W
40	LANDING	54+34.61	–31.29 LT	896.34	BREN RD W

0 5 10 20
HORIZONTAL SCALE IN FEET

Jan. 18 2016 11:11 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-INT.dwg By: kmclement

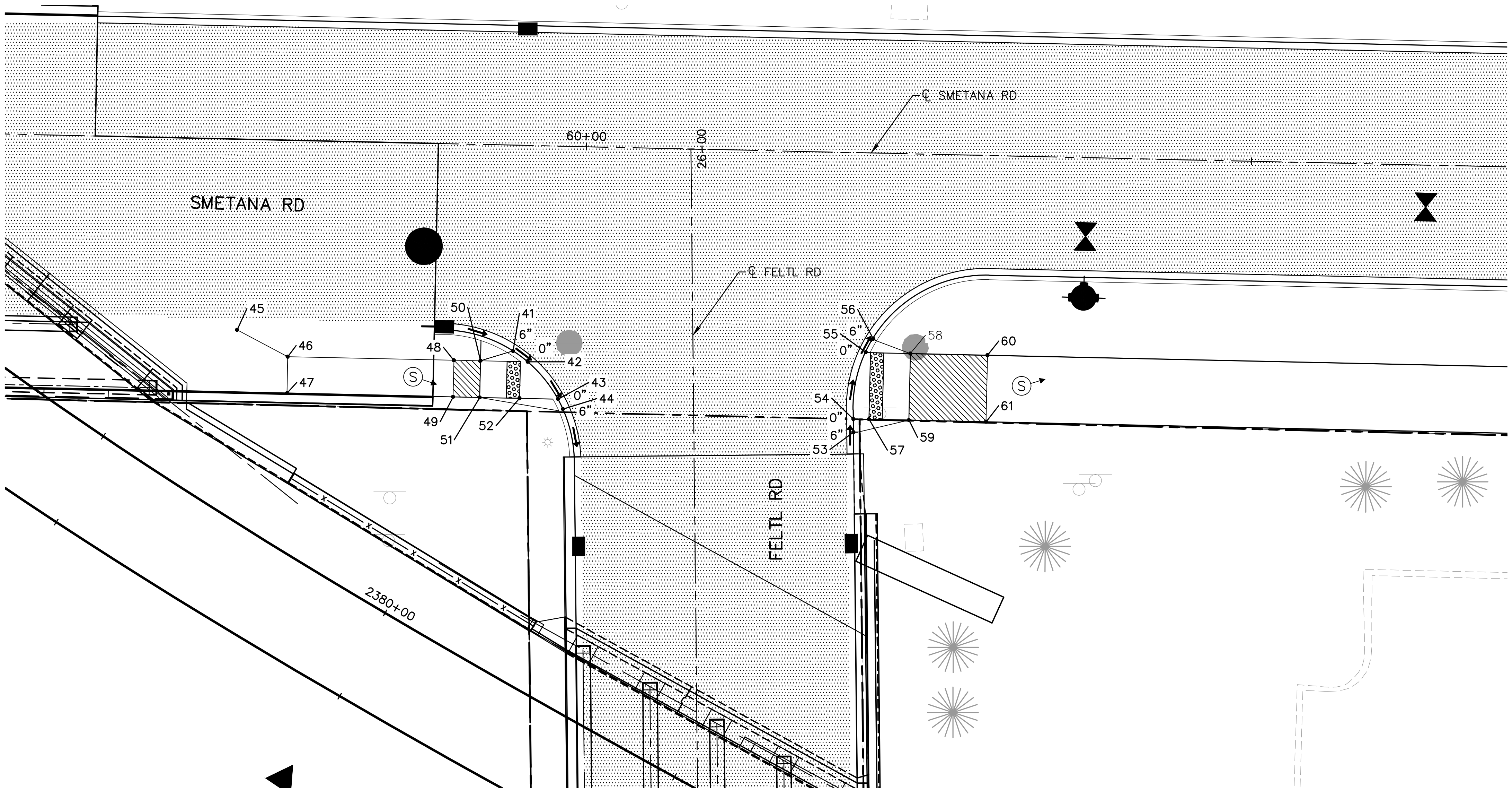
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 18

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-002



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
41	F/L	59+89.64	30.91 RT	919.75	SMETANA RD
42	F/L	59+91.88	32.49 RT	919.69	SMETANA RD
43	F/L	59+96.57	38.00 RT	919.53	SMETANA RD
44	F/L	59+97.34	39.48 RT	919.35	SMETANA RD
45	LANDING	59+48.09	28.67 RT	921.61	SMETANA RD
46	LANDING	59+55.80	32.52 RT	921.44	SMETANA RD
47	LANDING	59+55.80	38.00 RT	921.36	SMETANA RD
48	LANDING	59+80.80	32.52 RT	920.19	SMETANA RD
49	LANDING	59+80.80	38.00 RT	920.11	SMETANA RD
50	LANDING	59+84.80	32.50 RT	920.14	SMETANA RD
51	LANDING	59+84.80	38.00 RT	920.06	SMETANA RD
52	LANDING	59+90.80	38.00 RT	919.60	SMETANA RD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
53	F/L	60+41.09	42.00 RT	917.79	SMETANA RD
54	F/L	60+41.02	40.02 RT	917.80	SMETANA RD
55	F/L	60+42.66	29.94 RT	917.59	SMETANA RD
56	F/L	60+43.74	27.91 RT	917.60	SMETANA RD
57	LANDING	60+43.37	40.00 RT	917.79	SMETANA RD
58	LANDING	60+49.37	30.00 RT	917.54	SMETANA RD
59	LANDING	60+49.37	40.00 RT	917.72	SMETANA RD
60	LANDING	60+60.97	30.00 RT	917.42	SMETANA RD
61	LANDING	60+60.98	40.00 RT	917.57	SMETANA RD

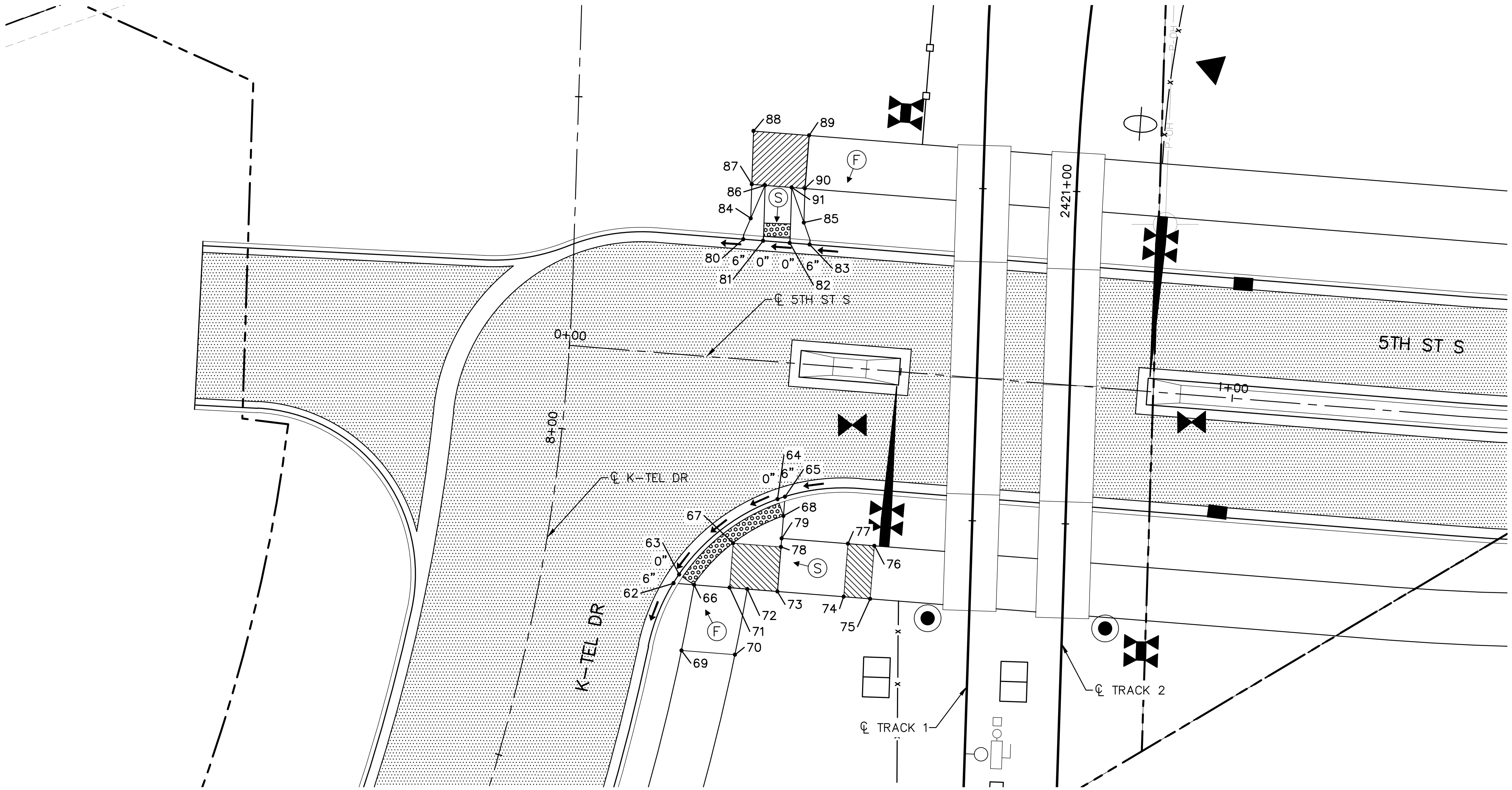
0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 19

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-003



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
62	F/L	7+80.03	19.90 RT	905.85	K-TEL DR
63	F/L	7+81.37	20.51 RT	905.84	K-TEL DR
64	F/L	7+93.68	33.44 RT	906.01	K-TEL DR
65	F/L	7+94.13	34.50 RT	906.20	K-TEL DR
66	LANDING	7+80.31	23.00 RT	906.05	K-TEL DR
67	LANDING	7+86.89	27.76 RT	906.07	K-TEL DR
68	LANDING	7+91.55	34.65 RT	906.15	K-TEL DR
69	LANDING	7+70.96	23.00 RT	906.30	K-TEL DR
70	LANDING	7+71.88	31.00 RT	906.44	K-TEL DR
71	LANDING	7+80.77	28.32 RT	906.14	K-TEL DR
72	LANDING	7+81.00	31.00 RT	906.18	K-TEL DR
73	LANDING	7+81.37	35.50 RT	906.25	K-TEL DR

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
74	LANDING	7+82.17	45.46 RT	907.01	K-TEL DR
75	LANDING	7+82.48	49.45 RT	907.04	K-TEL DR
76	LANDING	7+89.33	48.83 RT	906.92	K-TEL DR
77	LANDING	7+89.10	44.84 RT	906.90	K-TEL DR
78	LANDING	7+87.37	34.95 RT	906.17	K-TEL DR
79	LANDING	7+88.51	34.86 RT	906.15	K-TEL DR
80	F/L	0+24.79	−18.00 LT	905.99	5TH ST S
81	F/L	0+27.80	−18.00 LT	906.01	5TH ST S
82	F/L	0+31.80	−18.00 LT	906.03	5TH ST S
83	F/L	0+34.81	−18.00 LT	906.04	5TH ST S
84	LANDING	0+25.67	−21.23 LT	906.54	5TH ST S
85	LANDING	0+33.68	−21.23 LT	906.64	5TH ST S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
86	LANDING	0+27.43	−26.35 LT	906.66	5TH ST S
87	LANDING	0+25.42	−26.35 LT	906.61	5TH ST S
88	LANDING	0+25.04	−34.35 LT	906.73	5TH ST S
89	LANDING	0+33.43	−34.35 LT	906.92	5TH ST S
90	LANDING	0+33.43	−26.35 LT	906.77	5TH ST S
91	LANDING	0+31.43	−26.35 LT	906.66	5TH ST S

0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

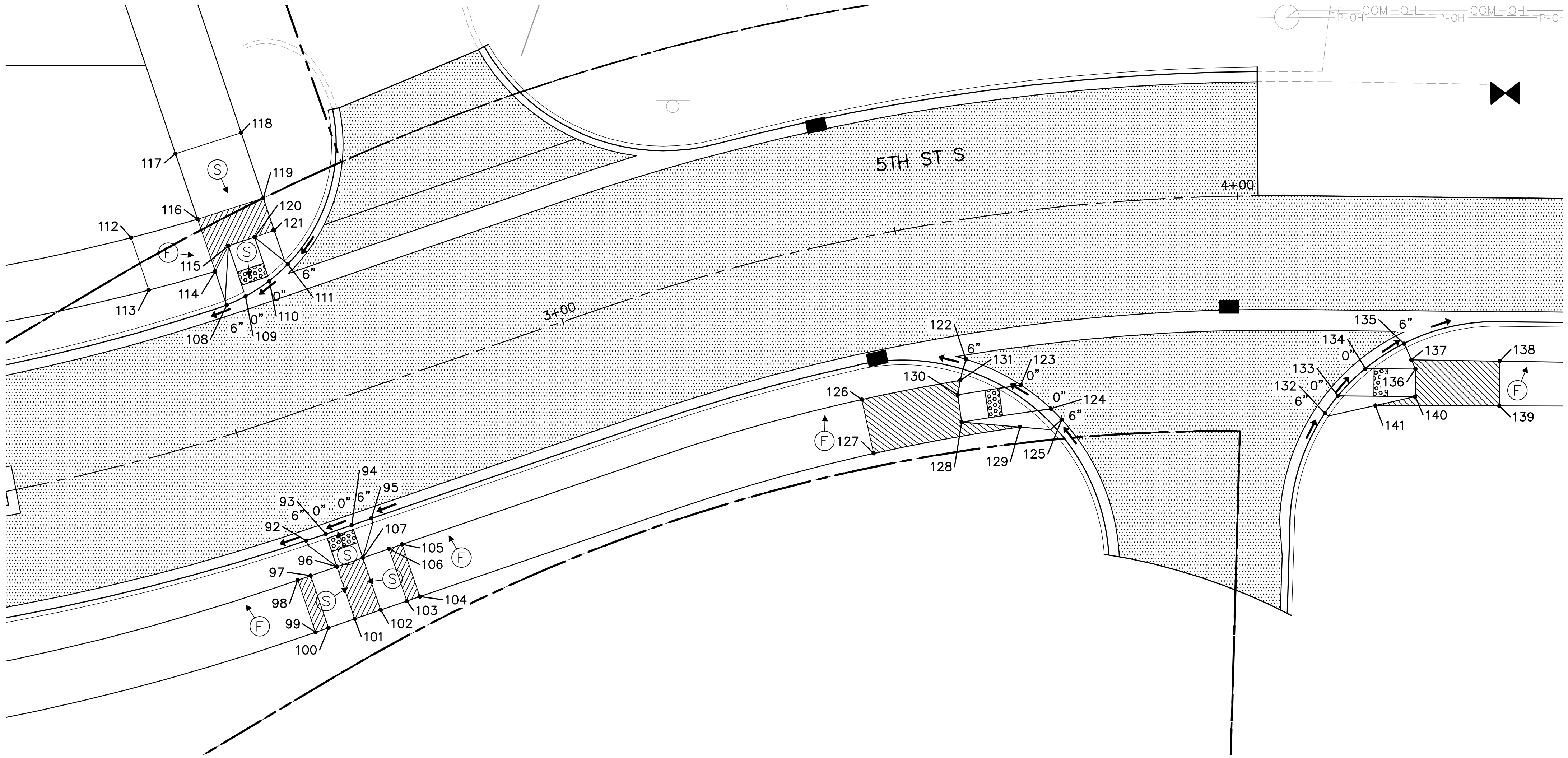
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 20

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-INT-004



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
92	F/L	2+54.64	18.00 RT	906.38	5TH ST S
93	F/L	2+57.50	18.00 RT	906.39	5TH ST S
94	F/L	2+61.50	18.00 RT	906.41	5TH ST S
95	F/L	2+64.50	18.00 RT	906.42	5TH ST S
96	LANDING	2+57.50	23.00 RT	906.79	5TH ST S
97	LANDING	2+53.73	23.02 RT	907.04	5TH ST S
98	LANDING	2+51.87	23.05 RT	907.04	5TH ST S
99	LANDING	2+51.99	31.04 RT	907.16	5TH ST S
100	LANDING	2+53.80	31.02 RT	907.16	5TH ST S
101	LANDING	2+57.48	31.00 RT	906.91	5TH ST S
102	LANDING	2+61.48	31.00 RT	906.93	5TH ST S
103	LANDING	2+65.48	31.00 RT	907.22	5TH ST S
104	LANDING	2+67.48	31.00 RT	907.22	5TH ST S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
105	LANDING	2+67.48	23.00 RT	907.10	5TH ST S
106	LANDING	2+65.48	23.00 RT	907.10	5TH ST S
107	LANDING	2+61.48	23.00 RT	906.81	5TH ST S
108	F/L	2+54.53	−18.04 LT	906.39	5TH ST S
109	F/L	2+57.64	−18.36 LT	906.41	5TH ST S
110	F/L	2+61.65	−19.36 LT	906.42	5TH ST S
111	F/L	2+64.96	−20.77 LT	906.43	5TH ST S
112	LANDING	2+43.26	−31.51 LT	907.13	5TH ST S
113	LANDING	2+43.62	−23.50 LT	907.01	5TH ST S
114	LANDING	2+54.48	−23.20 LT	906.87	5TH ST S
115	LANDING	2+57.67	−26.09 LT	906.79	5TH ST S
116	LANDING	2+54.44	−31.20 LT	906.79	5TH ST S
117	LANDING	2+54.39	−41.20 LT	907.60	5TH ST S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
118	LANDING	2+64.73	−41.01 LT	907.52	5TH ST S
119	LANDING	2+64.69	−31.02 LT	906.90	5TH ST S
120	LANDING	2+61.67	−26.07 LT	906.86	5TH ST S
121	LANDING	2+64.67	−26.06 LT	906.92	5TH ST S
122	F/L	3+57.17	20.14 RT	906.40	5TH ST S
123	F/L	3+65.08	24.98 RT	906.55	5TH ST S
124	F/L	3+69.37	28.94 RT	906.63	5TH ST S
125	F/L	3+70.88	30.68 RT	906.66	5TH ST S
126	LANDING	3+40.00	23.00 RT	907.09	5TH ST S
127	LANDING	3+40.00	31.00 RT	907.21	5TH ST S
128	LANDING	3+54.88	29.00 RT	906.58	5TH ST S
129	LANDING	3+64.04	31.00 RT	906.25	5TH ST S
130	LANDING	3+54.98	25.00 RT	906.53	5TH ST S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
131	LANDING	3+55.78	23.00 RT	906.50	5TH ST S
132	F/L	4+13.00	31.54 RT	906.34	5TH ST S
133	F/L	4+14.88	28.97 RT	906.26	5TH ST S
134	F/L	4+18.81	24.99 RT	906.18	5TH ST S
135	F/L	4+24.35	21.29 RT	906.01	5TH ST S
136	LANDING	4+26.06	24.95 RT	906.40	5TH ST S
137	LANDING	4+25.46	23.64 RT	906.38	5TH ST S
138	LANDING	4+38.28	23.66 RT	906.73	5TH ST S
139	LANDING	4+38.29	30.16 RT	906.83	5TH ST S
140	LANDING	4+26.07	28.95 RT	906.47	5TH ST S
141	LANDING	4+20.31	30.31 RT	906.29	5TH ST S

0 5 10 20
HORIZONTAL SCALE IN FEET

Jan, 18 2016 11:12 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-INT.dwg By: kmcclement

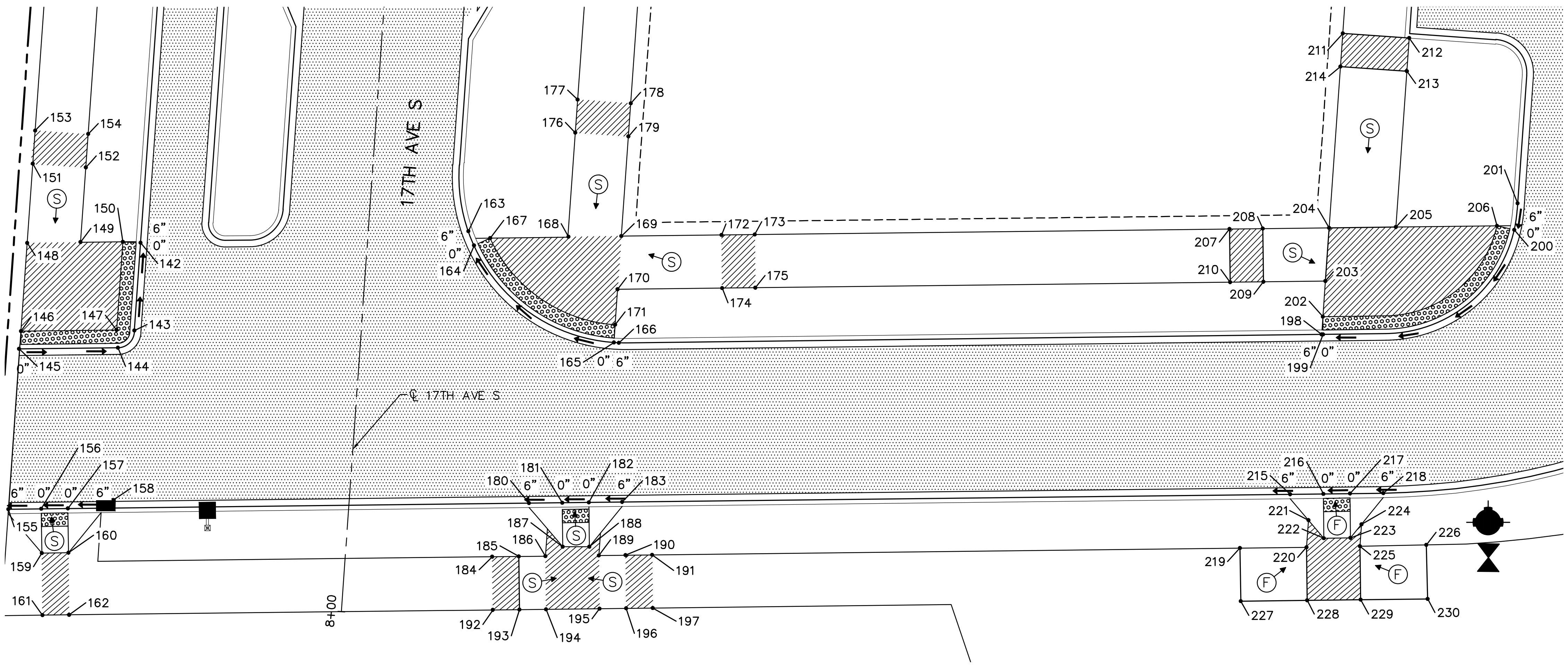
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 21

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-005



LEGEND

- XXX • — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- → — DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
142	F/L	8+53.22	−34.00 LT	910.98	17TH AVE S
143	F/L	8+40.00	−34.00 LT	911.21	17TH AVE S
144	F/L	8+37.24	−36.29 LT	911.31	17TH AVE S
145	F/L	8+36.02	−51.08 LT	911.23	17TH AVE S
146	LANDING	8+38.70	−51.00 LT	911.19	17TH AVE S
147	LANDING	8+39.88	−36.67 LT	911.23	17TH AVE S
148	LANDING	8+52.00	−51.00 LT	911.00	17TH AVE S
149	LANDING	8+52.69	−43.00 LT	911.05	17TH AVE S
150	LANDING	8+53.18	−36.67 LT	911.00	17TH AVE S
151	LANDING	8+63.95	−50.99 LT	911.85	17TH AVE S
152	LANDING	8+63.95	−43.00 LT	911.85	17TH AVE S
153	LANDING	8+68.95	−50.99 LT	911.99	17TH AVE S
154	LANDING	8+68.99	−43.00 LT	911.87	17TH AVE S
155	F/L	8+11.86	−51.00 LT	911.13	17TH AVE S
156	F/L	8+12.27	−46.07 LT	911.14	17TH AVE S
157	F/L	8+12.60	−42.08 LT	911.16	17TH AVE S
158	F/L	8+13.01	−37.10 LT	911.18	17TH AVE S
159	LANDING	8+05.62	−45.53 LT	911.67	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
160	LANDING	8+05.95	−41.54 LT	911.69	17TH AVE S
161	LANDING	???	??? ???	911.85	17TH AVE S
162	LANDING	???	??? ???	911.87	17TH AVE S
163	F/L	8+58.43	15.01 RT	911.21	17TH AVE S
164	F/L	8+56.34	16.02 RT	911.17	17TH AVE S
165	F/L	8+43.26	38.00 RT	911.68	17TH AVE S
166	F/L	8+43.27	38.75 RT	911.68	17TH AVE S
167	LANDING	8+57.62	18.37 RT	911.33	17TH AVE S
168	LANDING	8+58.65	30.08 RT	911.49	17TH AVE S
169	LANDING	8+59.31	38.00 RT	911.57	17TH AVE S
170	LANDING	8+51.28	38.00 RT	911.69	17TH AVE S
171	LANDING	8+45.95	38.00 RT	911.83	17TH AVE S
172	LANDING	8+60.54	52.99 RT	912.67	17TH AVE S
173	LANDING	8+60.95	57.98 RT	912.70	17TH AVE S
174	LANDING	8+52.57	53.66 RT	912.55	17TH AVE S
175	LANDING	8+52.98	58.63 RT	912.58	17TH AVE S
176	LANDING	8+74.33	30.00 RT	912.54	17TH AVE S
177	LANDING	8+79.33	30.00 RT	912.60	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
178	LANDING	8+79.33	38.00 RT	912.72	17TH AVE S
179	LANDING	8+74.33	38.00 RT	912.66	17TH AVE S
180	F/L	8+18.27	26.97 RT	911.50	17TH AVE S
181	F/L	8+18.68	31.96 RT	911.53	17TH AVE S
182	F/L	8+19.01	35.94 RT	911.55	17TH AVE S
183	F/L	8+19.42	40.93 RT	911.57	17TH AVE S
184	LANDING	8+09.84	22.03 RT	912.27	17TH AVE S
185	LANDING	8+10.16	26.01 RT	912.29	17TH AVE S
186	LANDING	8+10.49	30.00 RT	912.04	17TH AVE S
187	LANDING	8+12.08	32.49 RT	912.00	17TH AVE S
188	LANDING	8+12.36	36.48 RT	912.02	17TH AVE S
189	LANDING	8+11.15	38.00 RT	912.05	17TH AVE S
190	LANDING	8+11.48	42.00 RT	912.37	17TH AVE S
191	LANDING	8+11.81	45.99 RT	912.39	17TH AVE S
192	LANDING	8+01.86	22.68 RT	912.39	17TH AVE S
193	LANDING	8+02.19	26.67 RT	912.41	17TH AVE S
194	LANDING	8+02.52	30.66 RT	912.14	17TH AVE S
195	LANDING	8+03.18	38.67 RT	912.16	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
196	LANDING	8+03.51	42.66 RT	912.48	17TH AVE S
197	LANDING	8+03.83	46.64 RT	912.51	17TH AVE S
198	F/L	8+51.96	144.00 RT	912.21	17TH AVE S
199	F/L	8+51.98	144.22 RT	912.21	17TH AVE S
200	F/L	8+69.69	171.77 RT	912.46	17TH AVE S
201	F/L	8+73.69	172.00 RT	913.11	17TH AVE S
202	LANDING	8+54.64	144.00 RT	912.38	17TH AVE S
203	LANDING	8+59.99	144.00 RT	912.48	17TH AVE S
204	LANDING	8+68.02	144.00 RT	912.63	17TH AVE S
205	LANDING	8+68.84	154.00 RT	912.71	17TH AVE S
206	LANDING	8+70.09	169.14 RT	912.66	17TH AVE S
207	LANDING	8+66.80	129.08 RT	913.06	17TH AVE S
208	LANDING	8+67.21	134.07 RT	913.08	17TH AVE S
209	LANDING	8+59.23	134.72 RT	912.96	17TH AVE S
210	LANDING	8+58.82	129.74 RT	912.94	17TH AVE S
211	LANDING	8+97.35	144.00 RT	914.55	17TH AVE S
212	LANDING	8+97.35	154.00 RT	914.47	17TH AVE S
213	LANDING	8+92.35	154.00 RT	914.40	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
214	LANDING	8+92.35	144.00 RT	914.48	17TH AVE S
215	F/L	8+27.64	140.98 RT	912.07	17TH AVE S
216	F/L	8+28.05	145.96 RT	912.10	17TH AVE S
217	F/L	8+28.38	149.95 RT	912.12	17TH AVE S
218	F/L	8+28.79	154.93 RT	912.15	17TH AVE S
219	LANDING	8+19.05	134.03 RT	912.83	17TH AVE S
220	LANDING	8+19.86	144.00 RT	912.61	17TH AVE S
221	LANDING	8+23.94	144.00 RT	912.57	17TH AVE S
222	LANDING	8+21.40	146.50 RT	912.57	17TH AVE S
223	LANDING	8+21.73	150.48 RT	912.59	17TH AVE S
224	LANDING	8+23.89	152.00 RT	912.60	17TH AVE S
225	LANDING	8+20.57	152.00 RT	912.62	17TH AVE S
226	LANDING	8+21.48	161.92 RT	912.97	17TH AVE S
227	LANDING	8+11.08	134.71 RT	912.95	17TH AVE S
228	LANDING	8+11.91	144.66 RT	912.74	17TH AVE S
229	LANDING	8+12.57	152.66 RT	912.76	17TH AVE S
230	LANDING	8+13.40	162.69 RT	913.09	17TH AVE S

0 5 10 20
HORIZONTAL
SCALE IN FEET

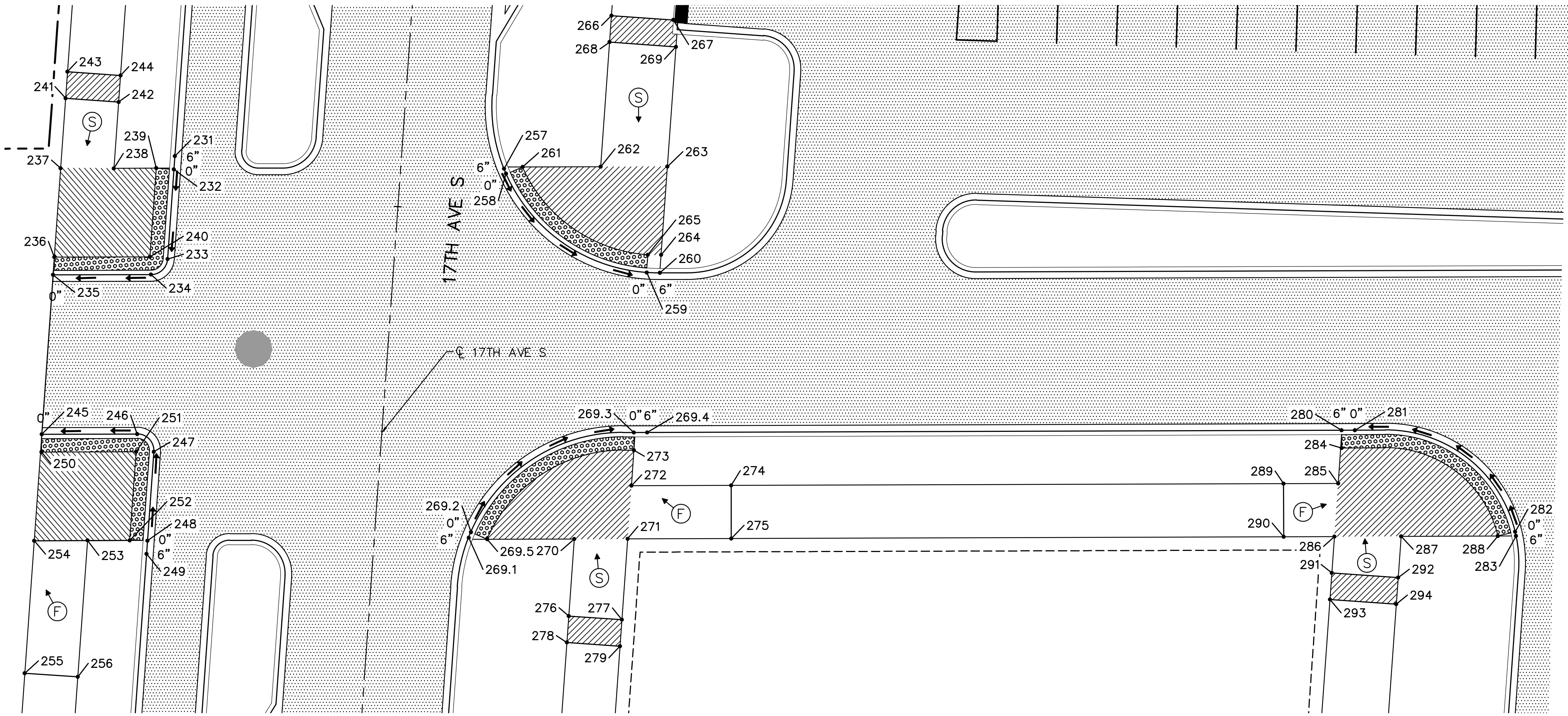
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 22

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-006



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
231	F/L	13+05.19	–34.00 LT	913.22	17TH AVE S
232	F/L	13+03.19	–34.00 LT	913.18	17TH AVE S
233	F/L	12+89.66	–34.00 LT	912.72	17TH AVE S
234	F/L	12+87.17	–36.31 LT	912.54	17TH AVE S
235	F/L	12+86.08	–51.00 LT	912.23	17TH AVE S
236	LANDING	12+88.75	–51.00 LT	912.44	17TH AVE S
237	LANDING	13+02.16	–51.00 LT	912.71	17TH AVE S
238	LANDING	13+02.69	–43.02 LT	912.86	17TH AVE S
239	LANDING	13+03.19	–36.67 LT	912.98	17TH AVE S
240	LANDING	12+89.82	–36.68 LT	912.72	17TH AVE S
241	LANDING	13+12.72	–51.00 LT	913.54	17TH AVE S
242	LANDING	13+12.72	–43.00 LT	913.42	17TH AVE S
243	LANDING	13+16.72	–51.00 LT	914.23	17TH AVE S
244	LANDING	13+16.72	–43.00 LT	914.11	17TH AVE S
245	F/L	12+62.01	–51.00 LT	912.32	17TH AVE S
246	F/L	12+63.08	–36.69 LT	912.60	17TH AVE S
247	F/L	12+60.58	–34.00 LT	912.60	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
248	F/L	12+47.18	–34.00 LT	912.93	17TH AVE S
249	F/L	12+45.18	–34.00 LT	912.92	17TH AVE S
250	LANDING	12+59.35	–50.85 LT	912.53	17TH AVE S
251	LANDING	12+60.40	–36.67 LT	912.81	17TH AVE S
252	LANDING	12+47.03	–36.68 LT	912.96	17TH AVE S
253	LANDING	12+46.60	–43.00 LT	912.95	17TH AVE S
254	LANDING	12+45.97	–51.00 LT	912.79	17TH AVE S
255	LANDING	12+25.97	–51.00 LT	913.78	17TH AVE S
256	LANDING	12+26.00	–43.00 LT	913.66	17TH AVE S
257	F/L	13+06.81	15.52 RT	913.42	17TH AVE S
258	F/L	13+06.10	15.88 RT	913.40	17TH AVE S
259	F/L	12+92.75	38.05 RT	912.80	17TH AVE S
260	F/L	12+92.83	40.00 RT	912.78	17TH AVE S
261	LANDING	13+07.27	18.28 RT	913.52	17TH AVE S
262	LANDING	13+08.14	30.00 RT	913.37	17TH AVE S
263	LANDING	13+08.88	40.00 RT	913.25	17TH AVE S
264	LANDING	12+95.56	40.00 RT	913.00	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
265	LANDING	12+95.42	38.00 RT	912.98	17TH AVE S
266	LANDING	13+30.93	30.00 RT	914.77	17TH AVE S
267	LANDING	13+30.93	39.33 RT	914.82	17TH AVE S
268	LANDING	13+26.93	30.00 RT	914.80	17TH AVE S
269	LANDING	13+26.93	40.00 RT	914.75	17TH AVE S
269.1	F/L	12+51.05	14.15 RT	913.24	17TH AVE S
269.2	F/L	12+51.90	14.44 RT	913.23	17TH AVE S
269.3	F/L	12+68.61	37.80 RT	913.05	17TH AVE S
269.4	F/L	12+68.75	39.80 RT	913.03	17TH AVE S
269.5	LANDING	12+51.01	16.95 RT	913.42	17TH AVE S
270	LANDING	12+51.98	30.00 RT	913.45	17TH AVE S
271	LANDING	12+52.58	38.00 RT	913.52	17TH AVE S
272	LANDING	12+60.60	38.00 RT	913.36	17TH AVE S
273	LANDING	12+65.95	38.00 RT	913.26	17TH AVE S
274	LANDING	12+61.71	52.96 RT	913.75	17TH AVE S
275	LANDING	12+53.73	53.55 RT	913.91	17TH AVE S
276	LANDING	12+40.37	30.00 RT	914.40	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
277	LANDING	12+40.39	38.00 RT	914.51	17TH AVE S
278	LANDING	12+36.39	30.00 RT	914.38	17TH AVE S
279	LANDING	12+36.39	38.01 RT	914.50	17TH AVE S
280	F/L	12+76.48	143.95 RT	913.56	17TH AVE S
281	F/L	12+76.63	145.95 RT	913.57	17TH AVE S
282	F/L	12+63.08	171.06 RT	913.75	17TH AVE S
283	F/L	12+62.48	171.24 RT	913.74	17TH AVE S
284	LANDING	12+73.83	144.15 RT	913.75	17TH AVE S
285	LANDING	12+68.47	144.00 RT	913.84	17TH AVE S
286	LANDING	12+60.44	144.00 RT	913.98	17TH AVE S
287	LANDING	12+61.20	154.00 RT	914.04	17TH AVE S
288	LANDING	12+62.28	168.52 RT	913.93	17TH AVE S
289	LANDING	12+67.86	135.80 RT	914.20	17TH AVE S
290	LANDING	12+59.88	136.40 RT	914.40	17TH AVE S
291	LANDING	12+54.96	144.00 RT	914.41	17TH AVE S
292	LANDING	12+54.96	154.00 RT	914.38	17TH AVE S
293	LANDING	12+50.96	144.00 RT	914.41	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
294	LANDING	12+50.96	154.00 RT	914.39	17TH AVE S

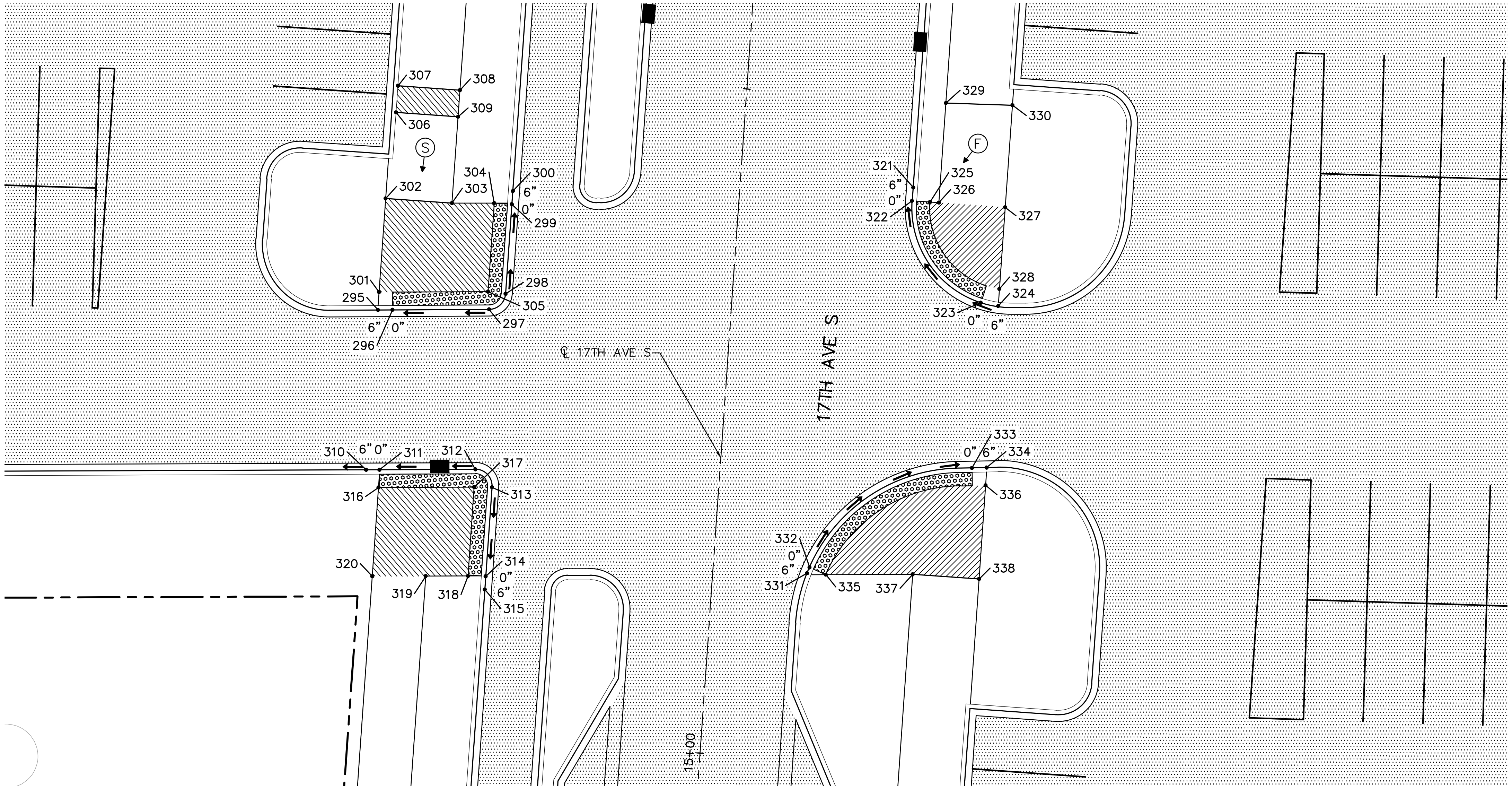
0 5 10 20
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 23

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-007



LEGEND

XXX ●	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
295	F/L	15+62.99	−52.95 LT	914.66	17TH AVE S
296	F/L	15+63.16	−50.80 LT	914.67	17TH AVE S
297	F/L	15+64.26	−36.31 LT	914.71	17TH AVE S
298	F/L	15+66.75	−34.00 LT	914.68	17TH AVE S
299	F/L	15+80.24	−34.00 LT	914.60	17TH AVE S
300	F/L	15+82.24	−34.00 LT	914.60	17TH AVE S
301	LANDING	15+65.68	−53.00 LT	914.76	17TH AVE S
302	LANDING	15+79.77	−53.00 LT	914.61	17TH AVE S
303	LANDING	15+79.77	−43.00 LT	914.80	17TH AVE S
304	LANDING	15+80.24	−36.67 LT	914.70	17TH AVE S
305	LANDING	15+66.90	−36.67 LT	914.80	17TH AVE S
306	LANDING	15+92.78	−52.33 LT	915.62	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
307	LANDING	15+96.78	−52.33 LT	915.65	17TH AVE S
308	LANDING	15+96.78	−43.00 LT	915.51	17TH AVE S
309	LANDING	15+92.78	−43.00 LT	915.48	17TH AVE S
310	F/L	15+38.91	−53.04 LT	914.54	17TH AVE S
311	F/L	15+39.06	−51.05 LT	914.55	17TH AVE S
312	F/L	15+40.13	−36.69 LT	914.62	17TH AVE S
313	F/L	15+37.64	−34.00 LT	914.52	17TH AVE S
314	F/L	15+24.23	−34.00 LT	914.31	17TH AVE S
315	F/L	15+22.23	−34.00 LT	914.30	17TH AVE S
316	LANDING	15+36.39	−51.00 LT	914.72	17TH AVE S
317	LANDING	15+37.46	−36.67 LT	914.69	17TH AVE S
318	LANDING	15+24.08	−36.66 LT	914.52	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
319	LANDING	15+23.61	−43.00 LT	914.58	17TH AVE S
320	LANDING	15+23.02	−51.00 LT	914.73	17TH AVE S
321	F/L	15+87.00	26.00 RT	914.72	17TH AVE S
322	F/L	15+84.99	25.95 RT	914.73	17TH AVE S
323	F/L	15+70.45	37.35 RT	914.74	17TH AVE S
324	F/L	15+70.14	39.99 RT	914.77	17TH AVE S
325	LANDING	15+85.00	28.67 RT	914.89	17TH AVE S
326	LANDING	15+85.00	30.00 RT	914.91	17TH AVE S
327	LANDING	15+85.00	40.00 RT	915.08	17TH AVE S
328	LANDING	15+72.71	39.98 RT	914.97	17TH AVE S
329	LANDING	16+00.00	30.00 RT	915.35	17TH AVE S
330	LANDING	16+00.37	40.00 RT	915.54	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
331	F/L	15+28.11	14.18 RT	914.59	17TH AVE S
332	F/L	15+28.96	14.47 RT	914.59	17TH AVE S
333	F/L	15+45.60	37.76 RT	914.42	17TH AVE S
334	F/L	15+45.80	39.95 RT	914.41	17TH AVE S
335	LANDING	15+28.06	16.98 RT	914.73	17TH AVE S
336	LANDING	15+43.13	40.00 RT	914.61	17TH AVE S
337	LANDING	15+29.03	30.00 RT	914.82	17TH AVE S
338	LANDING	15+29.03	40.00 RT	914.97	17TH AVE S

0 5 10 20
HORIZONTAL SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

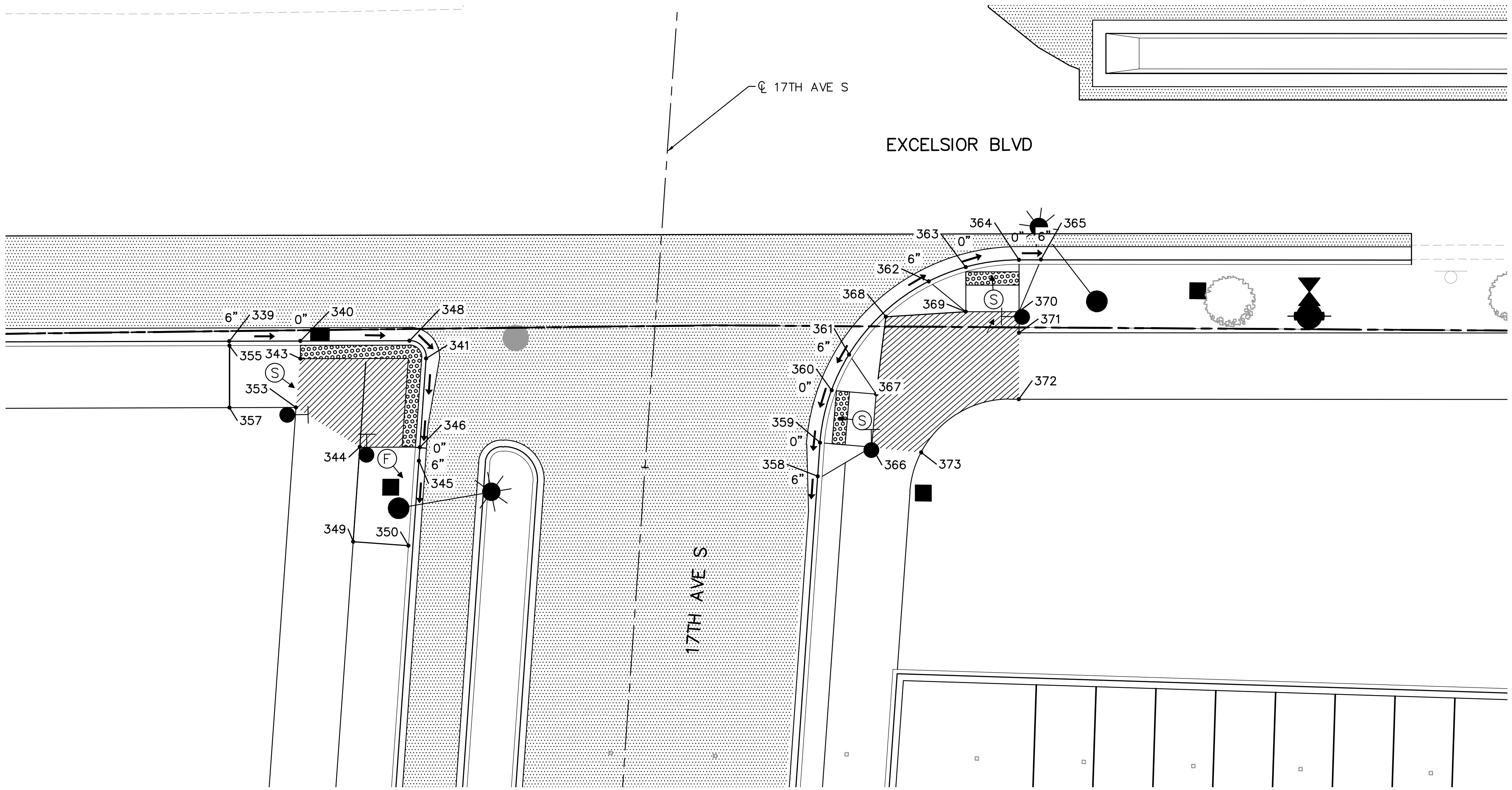
AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 24

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-008

Jan. 18 2016 11:14 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-INT.dwg By: kmcclement



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
339	F/L	18+14.54	−63.72 LT	919.26	17TH AVE S
340	F/L	18+15.33	−53.05 LT	918.75	17TH AVE S
341	F/L	18+14.04	−34.00 LT	918.26	17TH AVE S
343	LANDING	18+12.67	−52.85 LT	918.87	17TH AVE S
344	LANDING	18+00.08	−43.00 LT	918.40	17TH AVE S
345	LANDING	17+98.60	−34.00 LT	918.11	17TH AVE S
346	LANDING	18+00.64	−34.00 LT	918.22	17TH AVE S
348	LANDING	18+16.53	−36.68 LT	???	17TH AVE S
349	LANDING	17+85.77	−43.00 LT	918.22	17TH AVE S
350	LANDING	17+85.77	−34.67 LT	917.89	17TH AVE S
353	LANDING	18+05.31	−53.00 LT	918.60	17TH AVE S
355	LANDING	18+13.88	−63.65 LT	919.36	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
357	LANDING	18+04.58	−62.97 LT	919.17	17TH AVE S
358	F/L	18+00.51	26.00 RT	917.68	17TH AVE S
359	F/L	18+05.57	26.00 RT	917.71	17TH AVE S
360	F/L	18+13.55	27.20 RT	917.78	17TH AVE S
361	F/L	18+19.09	29.43 RT	917.83	17TH AVE S
362	F/L	18+30.91	40.59 RT	917.94	17TH AVE S
363	F/L	18+33.45	46.00 RT	917.91	17TH AVE S
364	F/L	18+35.09	53.90 RT	917.87	17TH AVE S
365	F/L	18+35.38	57.19 RT	918.14	17TH AVE S
366	LANDING	18+05.46	33.78 RT	918.31	17TH AVE S
367	LANDING	18+13.46	33.89 RT	918.31	17TH AVE S
368	LANDING	18+25.17	34.54 RT	918.41	17TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
369	LANDING	18+26.77	46.46 RT	918.44	17TH AVE S
370	LANDING	18+27.33	54.44 RT	918.49	17TH AVE S
371	LANDING	18+24.17	54.67 RT	918.55	17TH AVE S
372	LANDING	18+14.20	55.35 RT	918.64	17TH AVE S
373	LANDING	18+05.17	41.28 RT	918.43	17TH AVE S

0 5 10 20
HORIZONTAL SCALE IN FEET

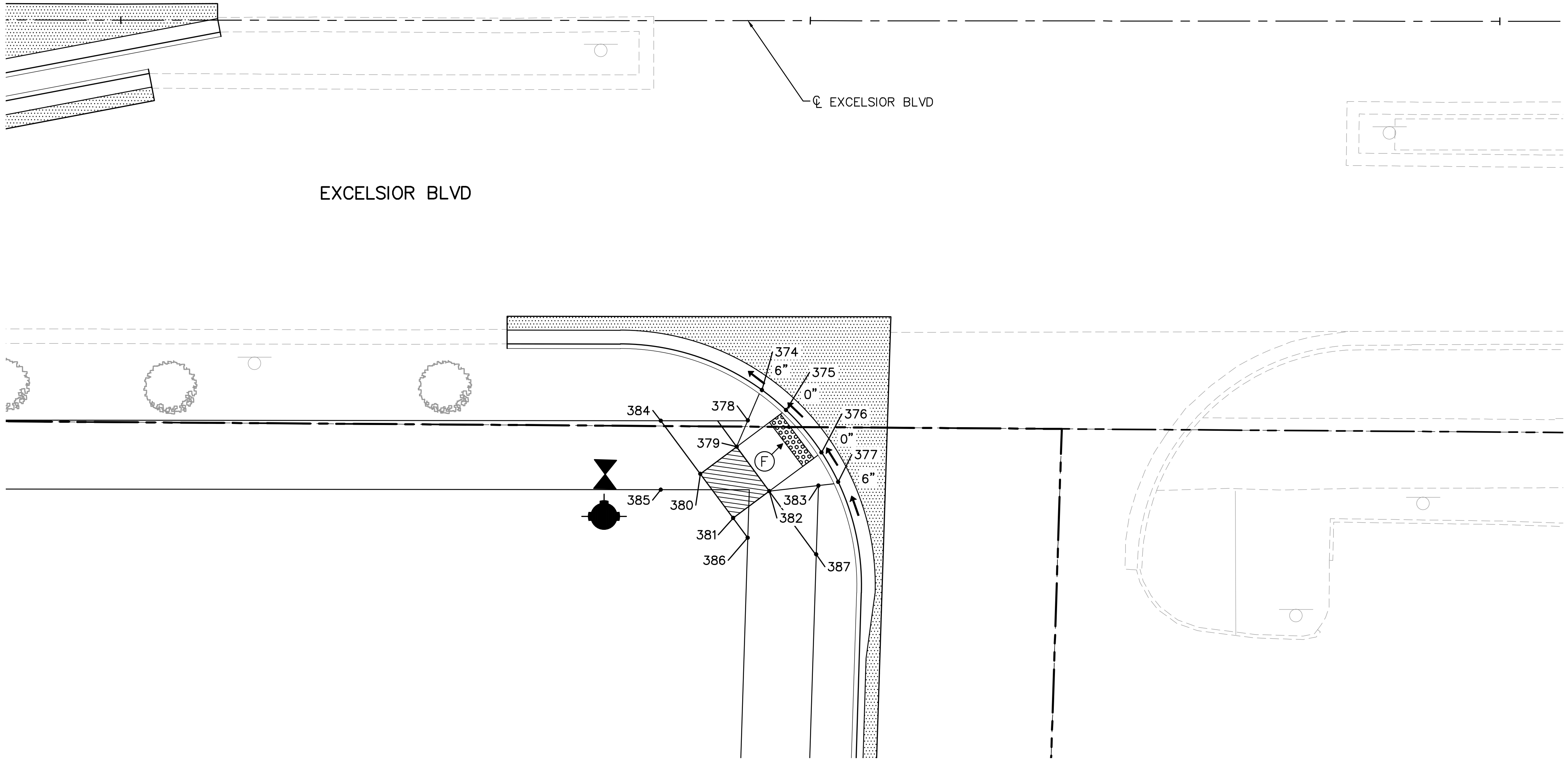
Jan, 18 2016 11:14 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-INT.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 25

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-INT-009



LEGEND

XXX •	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
374	F/L	307+93.03	53.59 RT	915.39	EXCELSIOR BLVD
375	F/L	307+96.52	56.49 RT	915.42	EXCELSIOR BLVD
376	F/L	308+01.68	62.62 RT	915.47	EXCELSIOR BLVD
377	F/L	308+04.09	66.89 RT	915.48	EXCELSIOR BLVD
378	LANDING	307+90.99	57.98 RT	915.86	EXCELSIOR BLVD
379	LANDING	307+89.38	61.81 RT	915.84	EXCELSIOR BLVD
380	LANDING	307+84.10	65.73 RT	915.96	EXCELSIOR BLVD
381	LANDING	307+88.87	72.15 RT	916.01	EXCELSIOR BLVD
382	LANDING	307+94.11	68.26 RT	915.89	EXCELSIOR BLVD
383	LANDING	308+01.24	67.44 RT	915.96	EXCELSIOR BLVD
384	LANDING	307+78.37	58.04 RT	915.92	EXCELSIOR BLVD
385	LANDING	307+78.37	68.04 RT	916.06	EXCELSIOR BLVD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
386	LANDING	307+90.99	75.00 RT	916.03	EXCELSIOR BLVD
387	LANDING	308+00.93	77.41 RT	916.04	EXCELSIOR BLVD

0 5 10 20
HORIZONTAL SCALE IN FEET

Jan, 18 2016 11:15 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-INT.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

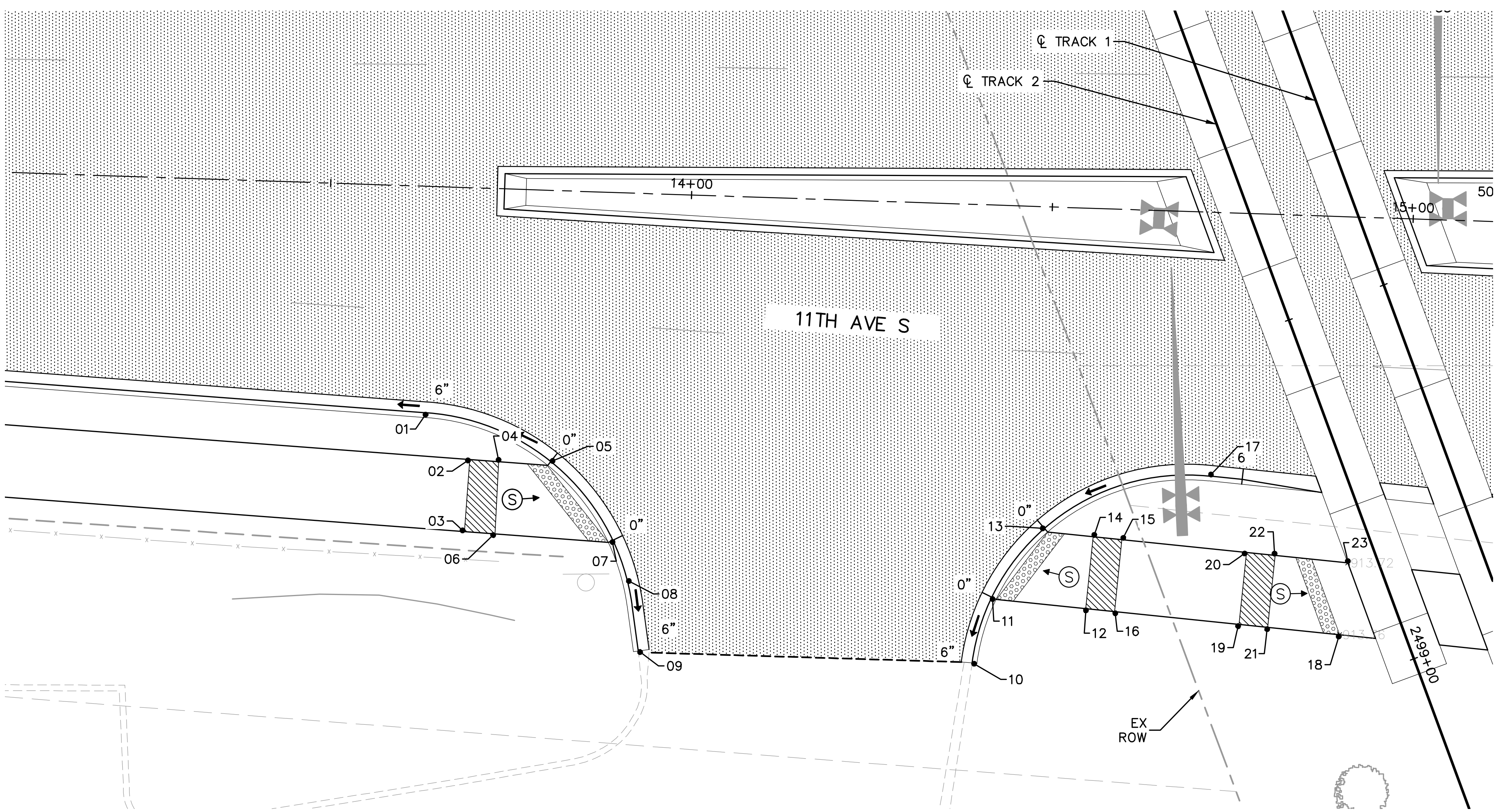
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 26

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-INT-010



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	FLOW LINE	13+64.45	31.35 RT	909.32	11TH AVE S
02	LANDING	13+70.52	37.61 RT	908.73	11TH AVE S
03	LANDING	13+70.10	47.60 RT	908.90	11TH AVE S
04	LANDING	13+74.51	37.77 RT	908.92	11TH AVE S
05	FLOW LINE	13+81.74	37.52 RT	910.43	11TH AVE S
06	FLOW LINE	13+74.35	47.76 RT	909.12	11TH AVE S
07	FLOW LINE	13+90.67	48.12 RT	910.50	11TH AVE S
08	FLOW LINE	13+92.84	53.59 RT	910.42	11TH AVE S
09	FLOW LINE	13+94.73	63.33 RT	910.29	11TH AVE S
10	FLOW LINE	14+41.01	63.44 RT	911.59	11TH AVE S
11	FLOW LINE	14+43.44	54.28 RT	912.11	11TH AVE S
12	LANDING	14+56.44	55.41 RT	912.95	11TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
13	FLOW LINE	14+50.39	44.51 RT	912.48	11TH AVE S
14	LANDING	14+57.16	45.44 RT	912.17	11TH AVE S
15	LANDING	14+61.15	45.71 RT	912.35	11TH AVE S
16	LANDING	14+60.46	55.69 RT	913.11	11TH AVE S
17	FLOW LINE	14+72.95	36.51 RT	913.56	11TH AVE S
18	BOTTOM SLOPE	14+91.71	57.86 RT	913.76	11TH AVE S
19	LANDING	14+77.75	56.89 RT	914.24	11TH AVE S
20	LANDING	14+78.44	46.92 RT	914.09	11TH AVE S
21	LANDING	14+81.74	57.17 RT	914.26	11TH AVE S
22	LANDING	14+82.43	47.19 RT	914.11	11TH AVE S
23	BOTTOM SLOPE	14+92.52	47.89 RT	913.72	11TH AVE S

Jan. 18 2016 08:15 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-ADA_SPO_1.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 27

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-001

SHEET 45 OF 302

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
24	BOTTOM SLOPE	15+21.96	49.94 RT	913.78	11TH AVE S
25	BOTTOM SLOPE	15+21.16	59.91 RT	913.83	11TH AVE S
27	LANDING	15+31.94	50.63 RT	914.18	11TH AVE S
28	LANDING	15+38.63	47.08 RT	914.30	11TH AVE S
29	LANDING	15+35.93	50.91 RT	914.20	11TH AVE S
30	LANDING	15+51.88	48.02 RT	914.50	11TH AVE S
31	LANDING	15+35.13	60.88 RT	914.35	11TH AVE S
32	FLOW LINE	15+36.42	40.92 RT	913.91	11TH AVE S
33	FLOW LINE	15+49.41	41.83 RT	913.95	11TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
34	LANDING	15+40.29	51.22 RT	914.37	11TH AVE S
35	LANDING	15+53.53	52.15 RT	914.57	11TH AVE S
36	LANDING	15+77.61	54.01 RT	914.49	11TH AVE S
37	LANDING	15+76.85	63.97 RT	913.47	11TH AVE S
38	FLOW LINE	15+84.36	54.10 RT	915.11	11TH AVE S
39	FLOW LINE	15+89.81	64.76 RT	915.20	11TH AVE S
42	FLOW LINE	15+93.57	74.52 RT	915.43	11TH AVE S
43	FLOW LINE	15+63.58	42.87 RT	913.98	11TH AVE S

Jan, 18 2016 08:17 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-ADA_SPO_1.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

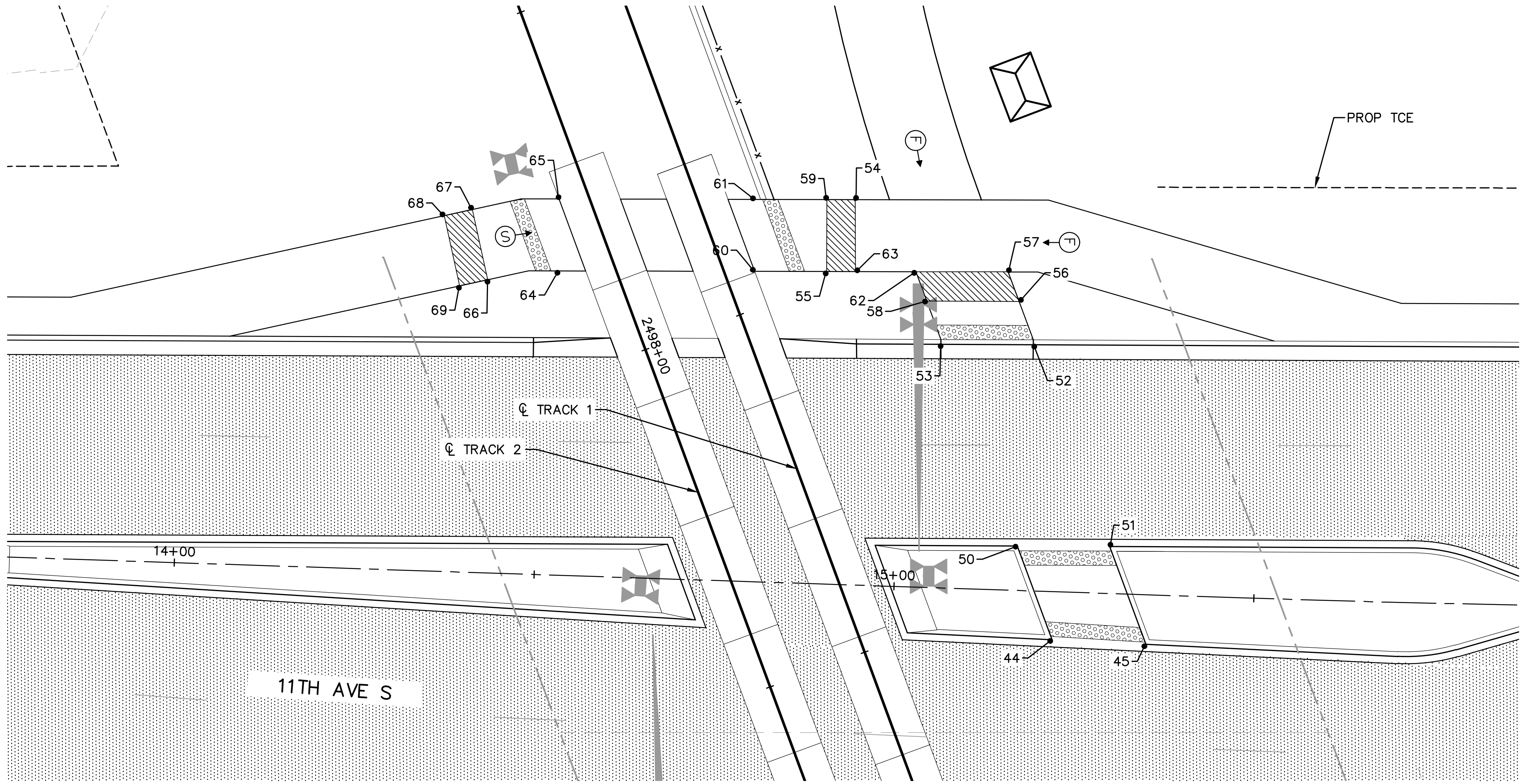
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 28

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-002



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

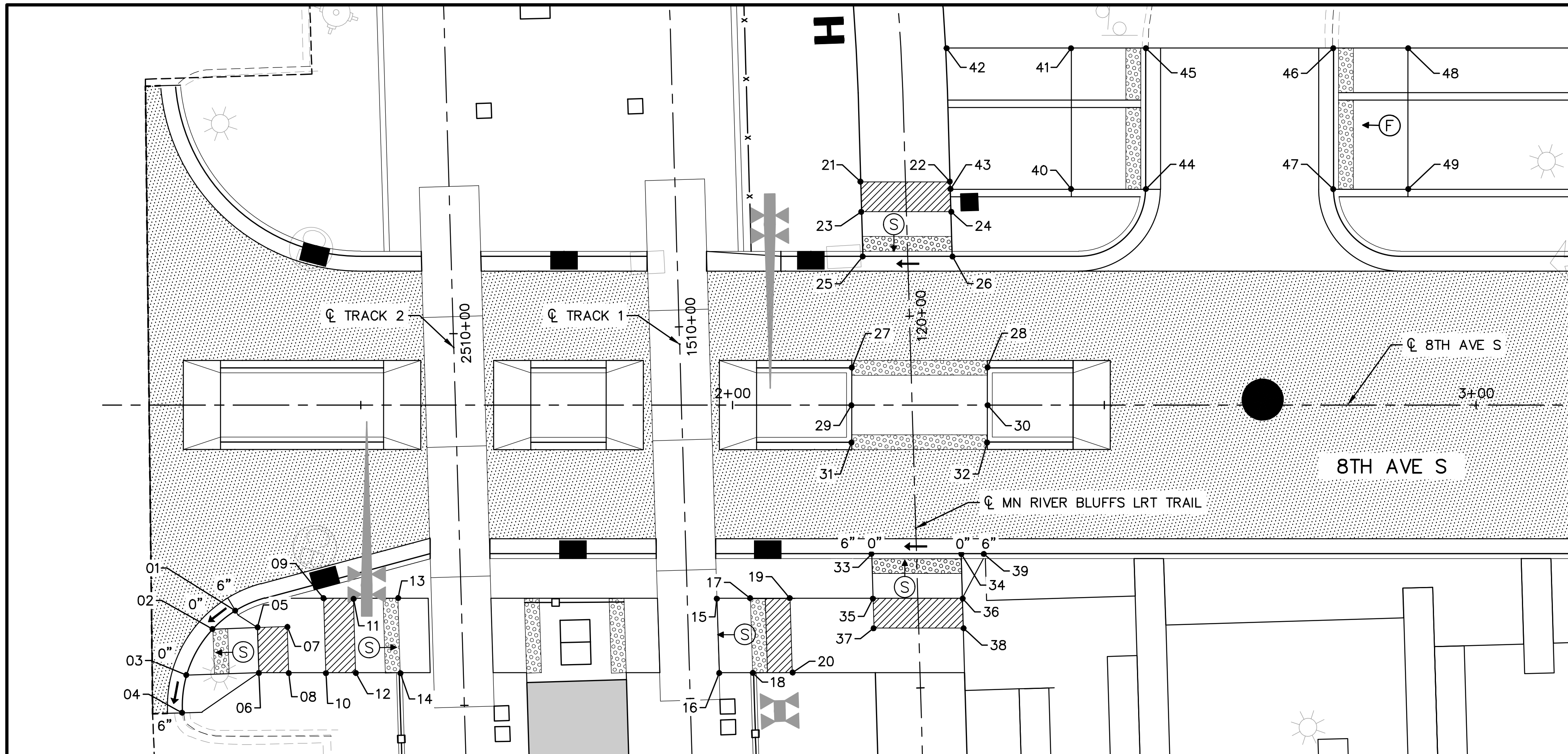
0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
44	FLOW LINE	15+22.17	6.70 RT	913.62	11TH AVE S
45	FLOW LINE	15+35.21	6.90 RT	913.82	11TH AVE S
50	FLOW LINE	15+16.93	−6.17 LT	913.67	11TH AVE S
51	FLOW LINE	15+29.74	−6.53 LT	914.01	11TH AVE S
52	FLOW LINE	15+18.22	−34.22 LT	913.46	11TH AVE S
53	FLOW LINE	15+05.41	−33.85 LT	913.36	11TH AVE S
54	LANDING	14+92.90	−53.56 LT	913.74	11TH AVE S
55	LANDING	14+89.21	−43.44 LT	913.57	11TH AVE S
58	LANDING	15+03.25	−39.79 LT	913.89	11TH AVE S
59	LANDING	14+88.90	−53.44 LT	913.72	11TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
60	BOTTOM SLOPE	14+79.21	−43.13 LT	913.27	11TH AVE S
61	BOTTOM SLOPE	14+78.91	−53.13 LT	913.22	11TH AVE S
64	BOTTOM SLOPE	14+52.04	−42.30 LT	913.22	11TH AVE S
65	BOTTOM SLOPE	14+51.73	−52.30 LT	913.16	11TH AVE S
66	LANDING	14+42.22	−40.74 LT	913.62	11TH AVE S
67	LANDING	14+39.76	−50.44 LT	913.77	11TH AVE S



HORIZONTAL SCALE IN FEET: 0, 5, 10, 20

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	1+33.14	27.68 RT	924.46	8TH AVE S
02	F/L	1+30.09	30.15 RT	924.41	8TH AVE S
03	F/L	1+26.56	36.33 RT	924.34	8TH AVE S
04	F/L	1+26.01	41.40 RT	924.29	8TH AVE S
05	LANDING	1+36.09	29.93 RT	924.91	8TH AVE S
06	LANDING	1+36.29	35.98 RT	924.97	8TH AVE S
07	TOP SWK MATCH	1+40.09	29.79 RT	924.93	8TH AVE S
08	TOP SWK MATCH	1+40.29	36.00 RT	924.92	8TH AVE S
09	TOP SWK MATCH	1+45.00	26.00 RT	924.85	8TH AVE S
10	TOP SWK MATCH	1+45.30	36.00 RT	924.85	8TH AVE S
11	LANDING	1+49.00	26.00 RT	924.71	8TH AVE S
12	LANDING	1+49.30	36.00 RT	924.73	8TH AVE S
13	TOP SWK	1+55.00	26.00 RT	924.23	8TH AVE S
14	TOP SWK	1+55.30	36.00 RT	924.25	8TH AVE S
15	TOP SWK	1+97.89	26.00 RT	923.74	8TH AVE S
16	TOP SWK	1+98.22	36.00 RT	923.76	8TH AVE S
17	LANDING	2+02.40	26.00 RT	923.95	8TH AVE S
18	LANDING	2+02.70	36.00 RT	924.00	8TH AVE S

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
19	TOP SWK MATCH	2+07.72	26.00 RT	924.08	8TH AVE S
20	TOP SWK MATCH	2+08.01	36.00 RT	924.16	8TH AVE S
21	TOP SWK MATCH	2+17.24	-30.00 LT	923.24	8TH AVE S
22	TOP SWK MATCH	2+29.25	-30.00 LT	923.06	8TH AVE S
23	LANDING	2+17.36	-26.00 LT	923.24	8TH AVE S
24	LANDING	2+29.37	-26.00 LT	923.06	8TH AVE S
25	F/L	2+17.54	-20.00 LT	923.67	8TH AVE S
26	F/L	2+29.54	-20.00 LT	923.68	8TH AVE S
27	TOP SWK	2+16.01	-4.99 LT	923.76	8TH AVE S
28	TOP SWK	2+34.26	-5.00 LT	923.83	8TH AVE S
29	TOP SWK	2+16.01	0.00	923.79	8TH AVE S
30	TOP SWK	2+34.26	0.00	923.88	8TH AVE S
31	TOP SWK	2+16.01	5.01 RT	923.78	8TH AVE S
32	TOP SWK	2+34.26	5.00 RT	923.85	8TH AVE S
33	F/L	2+18.73	20.00 RT	923.74	8TH AVE S
34	F/L	2+30.73	20.00 RT	923.75	8TH AVE S
35	LANDING	2+18.90	26.00 RT	924.24	8TH AVE S
36	LANDING	2+30.90	26.00 RT	924.25	8TH AVE S

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
37	TOP SWK MATCH	2+19.02	30.00 RT	924.27	8TH AVE S
38	TOP SWK MATCH	2+31.02	30.00 RT	924.28	8TH AVE S
39	F/L	2+33.74	20.00 RT	923.75	8TH AVE S
40	TOP SWK	2+45.55	-29.00 LT	923.44	8TH AVE S
41	TOP SWK	2+45.55	-48.00 LT	923.58	8TH AVE S
42	TOP SWK	2+28.74	-48.00 LT	922.98	8TH AVE S
43	TOP SWK	2+29.27	-29.00 LT	923.06	8TH AVE S
44	F/L	2+55.55	-29.00 LT	923.67	8TH AVE S
45	F/L	2+55.55	-48.00 LT	923.94	8TH AVE S
46	F/L	2+80.82	-48.00 LT	924.35	8TH AVE S
47	F/L	2+80.82	-29.00 LT	924.08	8TH AVE S
48	TOP SWK	2+90.82	-48.00 LT	924.85	8TH AVE S
49	TOP SWK	2+90.82	-29.00 LT	924.58	8TH AVE S

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

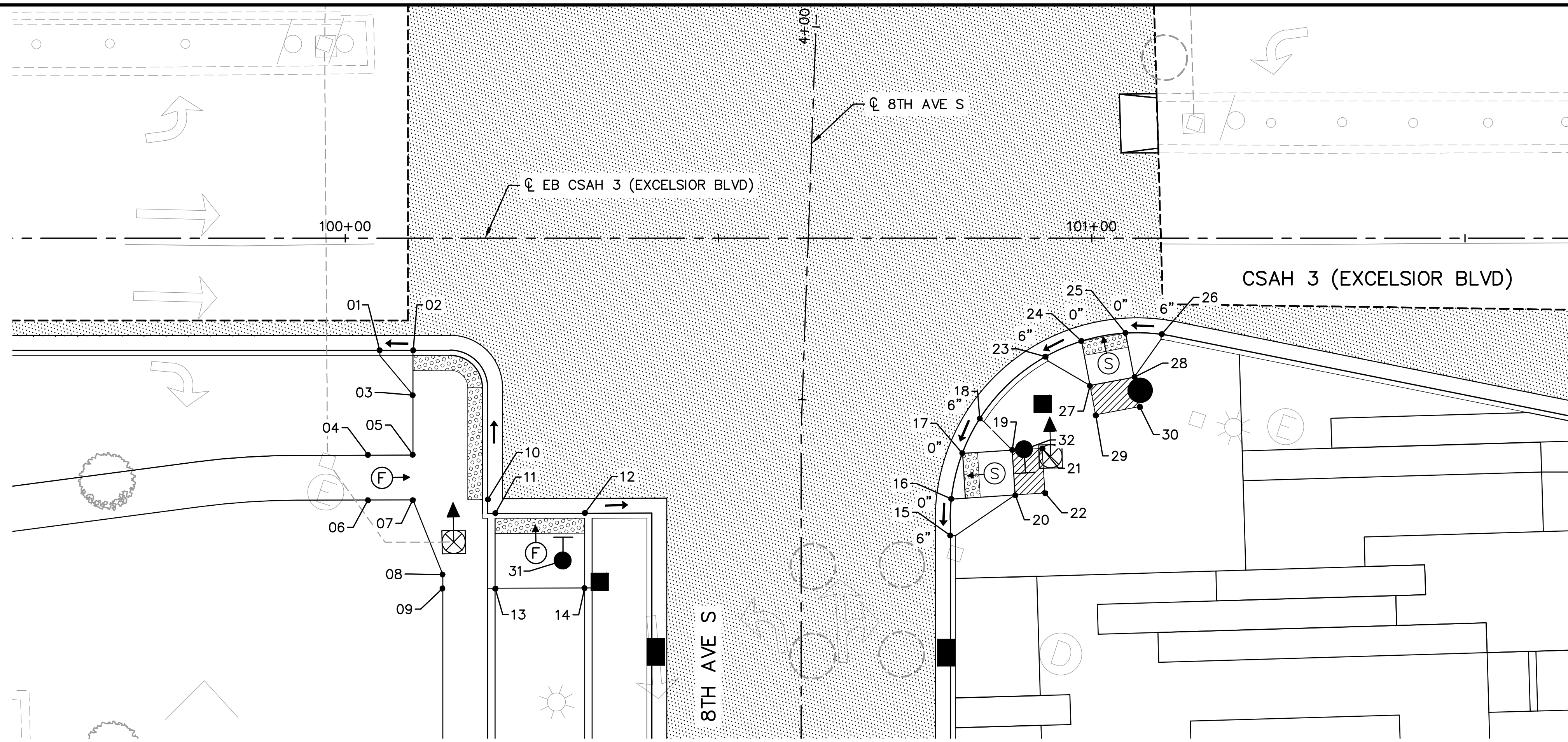
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 30

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-004



0 5 10 20
HORIZONTAL SCALE IN FEET

PEDESTRIAN PUSH BUTTON STATIONS					
POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
31	3+28.43	−31.92 LT	8TH AVE S	3.61	3.61
32	3+43.36	29.84 RT	8TH AVE S	3.72	3.61

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	100+04.63	15.08 RT	924.74	EB CSAH 3 (EXCELSIOR BLVD)
02	F/L	100+09.09	15.07 RT	924.76	EB CSAH 3 (EXCELSIOR BLVD)
03	TOP SWK	100+09.08	21.05 RT	924.71	EB CSAH 3 (EXCELSIOR BLVD)
04	TOP SWK	3+42.55	−58.00 LT	924.92	8TH AVE S
05	TOP SWK	3+42.58	−52.00 LT	924.63	8TH AVE S
06	TOP SWK	3+36.56	−58.00 LT	924.86	8TH AVE S
07	TOP SWK	3+36.58	−52.00 LT	924.57	8TH AVE S
08	TOP SWK	3+26.57	−48.00 LT	925.10	8TH AVE S
09	TOP SWK	3+24.73	−48.00 LT	925.19	8TH AVE S
10	F/L	3+36.60	−42.00 LT	924.62	8TH AVE S
11	F/L	3+34.75	−41.00 LT	924.59	8TH AVE S
12	F/L	3+34.79	−29.00 LT	924.42	8TH AVE S
13	TOP SWK	3+24.76	−41.00 LT	925.09	8TH AVE S
14	TOP SWK	3+24.79	−29.00 LT	924.92	8TH AVE S
15	F/L	3+31.81	20.00 RT	924.37	8TH AVE S
16	F/L	3+36.72	20.15 RT	924.42	8TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
17	F/L	3+42.83	21.61 RT	924.49	8TH AVE S
18	F/L	3+48.31	23.87 RT	924.54	8TH AVE S
19	LANDING	3+43.26	28.27 RT	925.03	8TH AVE S
20	LANDING	3+37.27	28.66 RT	924.97	8TH AVE S
21	TOP SWK MATCH	3+43.52	32.26 RT	925.05	8TH AVE S
22	TOP SWK MATCH	3+37.53	32.65 RT	924.99	8TH AVE S
23	F/L	100+93.84	15.89 RT	924.67	EB CSAH 3 (EXCELSIOR BLVD)
24	F/L	100+98.64	13.82 RT	924.73	EB CSAH 3 (EXCELSIOR BLVD)
25	F/L	101+04.54	12.74 RT	924.79	EB CSAH 3 (EXCELSIOR BLVD)
26	F/L	101+09.34	12.90 RT	924.78	EB CSAH 3 (EXCELSIOR BLVD)
27	LANDING	100+99.76	19.75 RT	925.18	EB CSAH 3 (EXCELSIOR BLVD)
28	LANDING	101+05.66	18.63 RT	925.24	EB CSAH 3 (EXCELSIOR BLVD)
29	TOP SWK MATCH	101+00.51	23.68 RT	925.14	EB CSAH 3 (EXCELSIOR BLVD)
30	TOP SWK MATCH	101+06.40	22.56 RT	925.20	EB CSAH 3 (EXCELSIOR BLVD)

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

(S) INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

(F) INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

→ DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

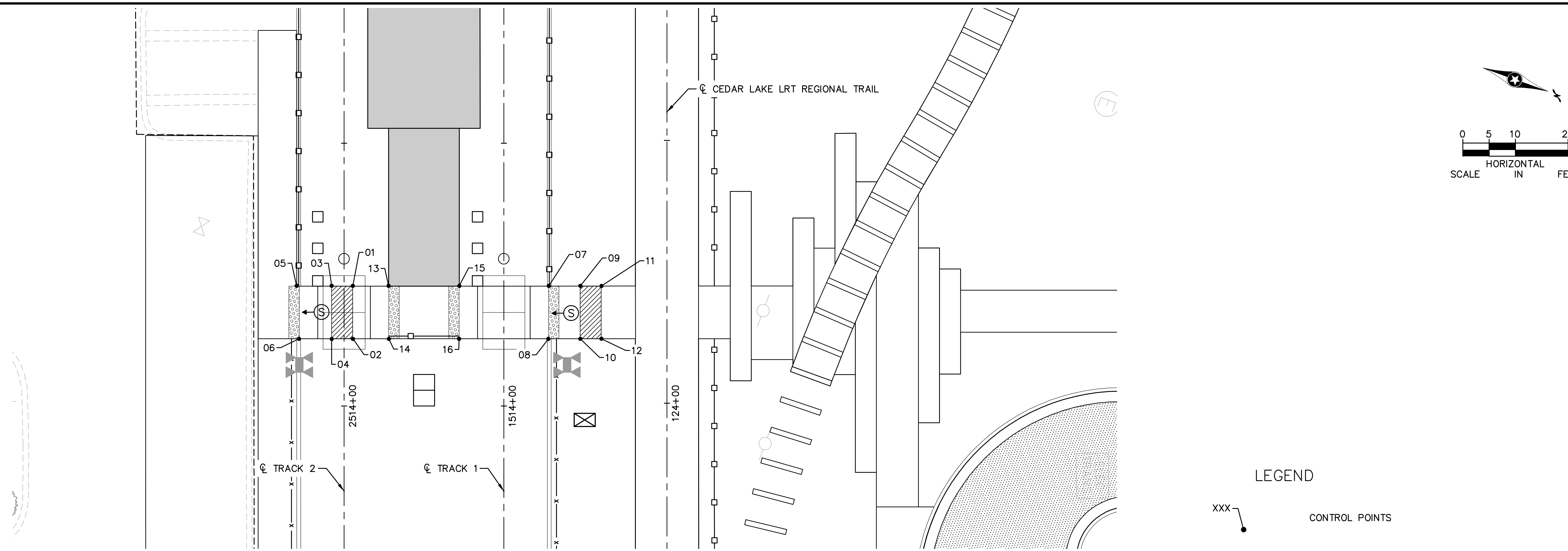
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 31

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-005



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	2513+77.19	-1.65 LT	924.37	TRACK 2
02	TOP SWK MATCH	2513+87.19	-1.65 LT	924.37	TRACK 2
03	LANDING	2513+77.19	2.35 RT	924.37	TRACK 2
04	LANDING	2513+87.19	2.35 RT	924.35	TRACK 2
05	TOP SWK	2513+77.19	9.00 RT	923.82	TRACK 2
06	TOP SWK	2513+87.19	8.50 RT	923.84	TRACK 2
07	TOP SWK	2513+77.19	-38.88 LT	924.37	TRACK 2
08	TOP SWK	2513+87.19	-38.86 LT	924.39	TRACK 2
09	LANDING	2513+77.19	-44.87 LT	924.87	TRACK 2
10	LANDING	2513+87.19	-44.86 LT	924.89	TRACK 2
11	TOP SWK MATCH	2513+77.20	-48.87 LT	924.93	TRACK 2
12	TOP SWK MATCH	2513+87.19	-48.86 LT	924.95	TRACK 2
13	TOP SWK	2513+77.19	-8.48 LT	924.37	TRACK 2
14	TOP SWK	2513+87.19	-8.48 LT	924.39	TRACK 2
15	TOP SWK	2513+77.19	-21.86 LT	924.37	TRACK 2
16	TOP SWK	2513+87.19	-21.88 LT	924.39	TRACK 2

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

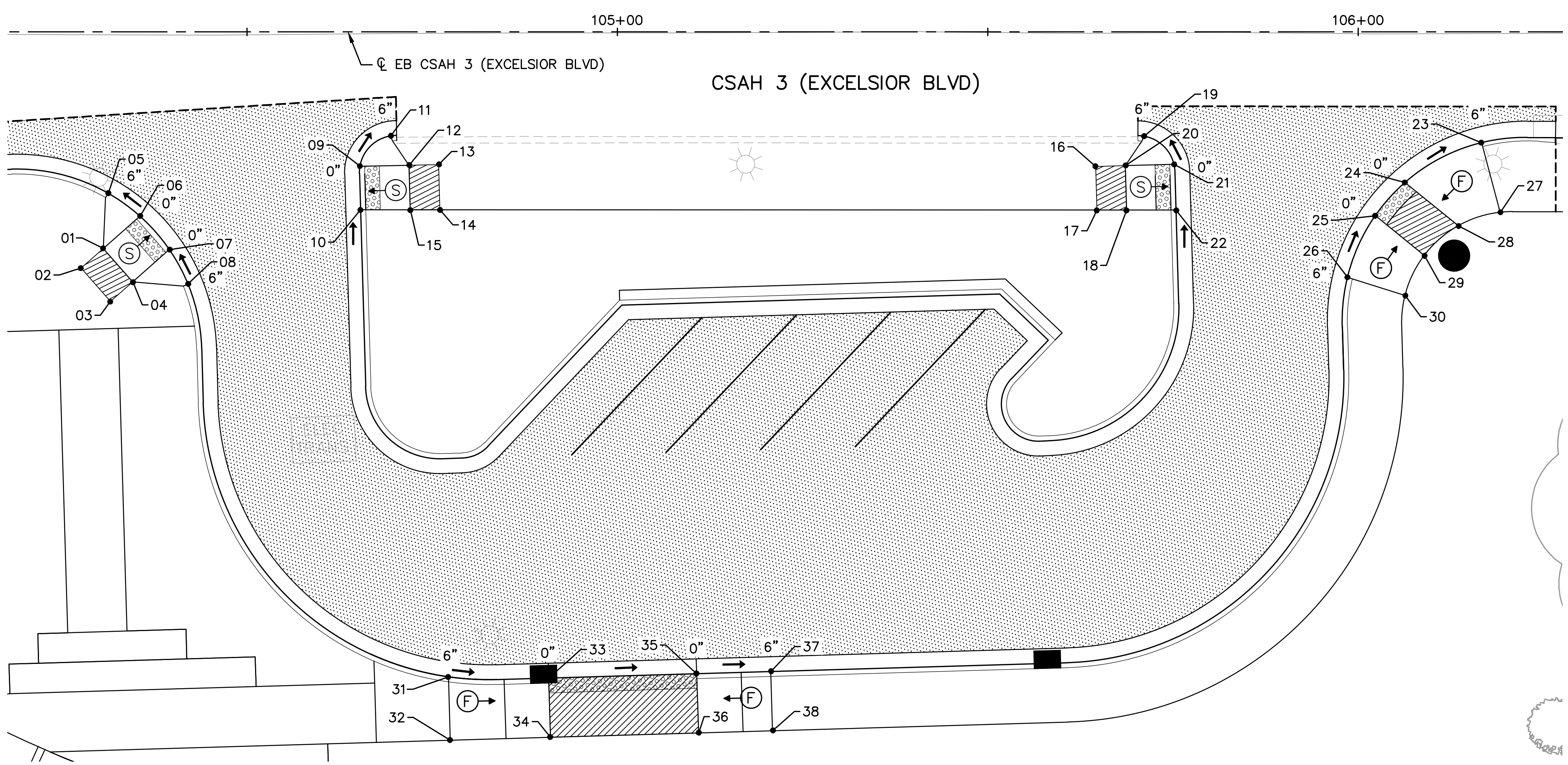
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 32

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-006



LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- → — DRAINAGE FLOW ARROW

0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	LANDING	104+30.63	29.21 RT	922.15	EB CSAH 3 (EXCELSIOR BLVD)
02	TOP SWK MATCH	104+27.62	31.85 RT	922.21	EB CSAH 3 (EXCELSIOR BLVD)
03	TOP SWK MATCH	104+31.58	36.36 RT	922.22	EB CSAH 3 (EXCELSIOR BLVD)
04	LANDING	104+34.59	33.71 RT	922.16	EB CSAH 3 (EXCELSIOR BLVD)
05	F/L	104+31.27	21.79 RT	921.60	EB CSAH 3 (EXCELSIOR BLVD)
06	F/L	104+35.56	24.87 RT	921.60	EB CSAH 3 (EXCELSIOR BLVD)
07	F/L	104+39.52	29.37 RT	921.61	EB CSAH 3 (EXCELSIOR BLVD)
08	F/L	104+42.03	34.02 RT	921.65	EB CSAH 3 (EXCELSIOR BLVD)
09	F/L	104+65.29	18.12 RT	921.28	EB CSAH 3 (EXCELSIOR BLVD)
10	F/L	104+65.36	23.98 RT	921.34	EB CSAH 3 (EXCELSIOR BLVD)
11	F/L	104+69.40	14.05 RT	921.20	EB CSAH 3 (EXCELSIOR BLVD)
12	LANDING	104+71.88	17.99 RT	921.75	EB CSAH 3 (EXCELSIOR BLVD)
13	TOP SWK MATCH	104+75.88	17.89 RT	921.71	EB CSAH 3 (EXCELSIOR BLVD)
14	TOP SWK MATCH	104+76.03	23.98 RT	921.77	EB CSAH 3 (EXCELSIOR BLVD)
15	LANDING	104+72.03	23.98 RT	921.81	EB CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
16	TOP SWK MATCH	105+64.56	18.15 RT	920.94	EB CSAH 3 (EXCELSIOR BLVD)
17	TOP SWK MATCH	105+64.74	24.03 RT	920.99	EB CSAH 3 (EXCELSIOR BLVD)
18	LANDING	105+68.73	24.03 RT	920.95	EB CSAH 3 (EXCELSIOR BLVD)
19	F/L	105+71.05	14.10 RT	920.29	EB CSAH 3 (EXCELSIOR BLVD)
20	LANDING	105+68.56	18.04 RT	920.92	EB CSAH 3 (EXCELSIOR BLVD)
21	F/L	105+75.12	17.84 RT	920.38	EB CSAH 3 (EXCELSIOR BLVD)
22	F/L	105+75.41	24.04 RT	920.41	EB CSAH 3 (EXCELSIOR BLVD)
23	F/L	106+16.65	14.95 RT	920.00	EB CSAH 3 (EXCELSIOR BLVD)
24	F/L	106+06.34	20.32 RT	920.08	EB CSAH 3 (EXCELSIOR BLVD)
25	F/L	106+02.34	24.80 RT	920.14	EB CSAH 3 (EXCELSIOR BLVD)
26	F/L	105+98.58	33.13 RT	920.24	EB CSAH 3 (EXCELSIOR BLVD)
27	TOP SWK MATCH	106+19.16	24.36 RT	920.33	EB CSAH 3 (EXCELSIOR BLVD)
28	LANDING	106+13.52	26.17 RT	920.21	EB CSAH 3 (EXCELSIOR BLVD)
29	LANDING	106+08.92	30.16 RT	920.26	EB CSAH 3 (EXCELSIOR BLVD)
30	TOP SWK MATCH	106+06.33	35.54 RT	920.52	EB CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
31	F/L	104+77.21	87.00 RT	921.88	EB CSAH 3 (EXCELSIOR BLVD)
32	TOP SWK MATCH	104+77.46	95.55 RT	922.44	EB CSAH 3 (EXCELSIOR BLVD)
33	F/L	104+90.72	87.16 RT	921.80	EB CSAH 3 (EXCELSIOR BLVD)
34	TOP SWK	104+90.97	95.15 RT	921.76	EB CSAH 3 (EXCELSIOR BLVD)
35	F/L	105+10.71	86.57 RT	921.58	EB CSAH 3 (EXCELSIOR BLVD)
36	TOP SWK	105+10.96	94.57 RT	921.47	EB CSAH 3 (EXCELSIOR BLVD)
37	F/L	105+20.71	86.28 RT	921.52	EB CSAH 3 (EXCELSIOR BLVD)
38	TOP SWK MATCH	105+20.95	94.27 RT	921.91	EB CSAH 3 (EXCELSIOR BLVD)

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

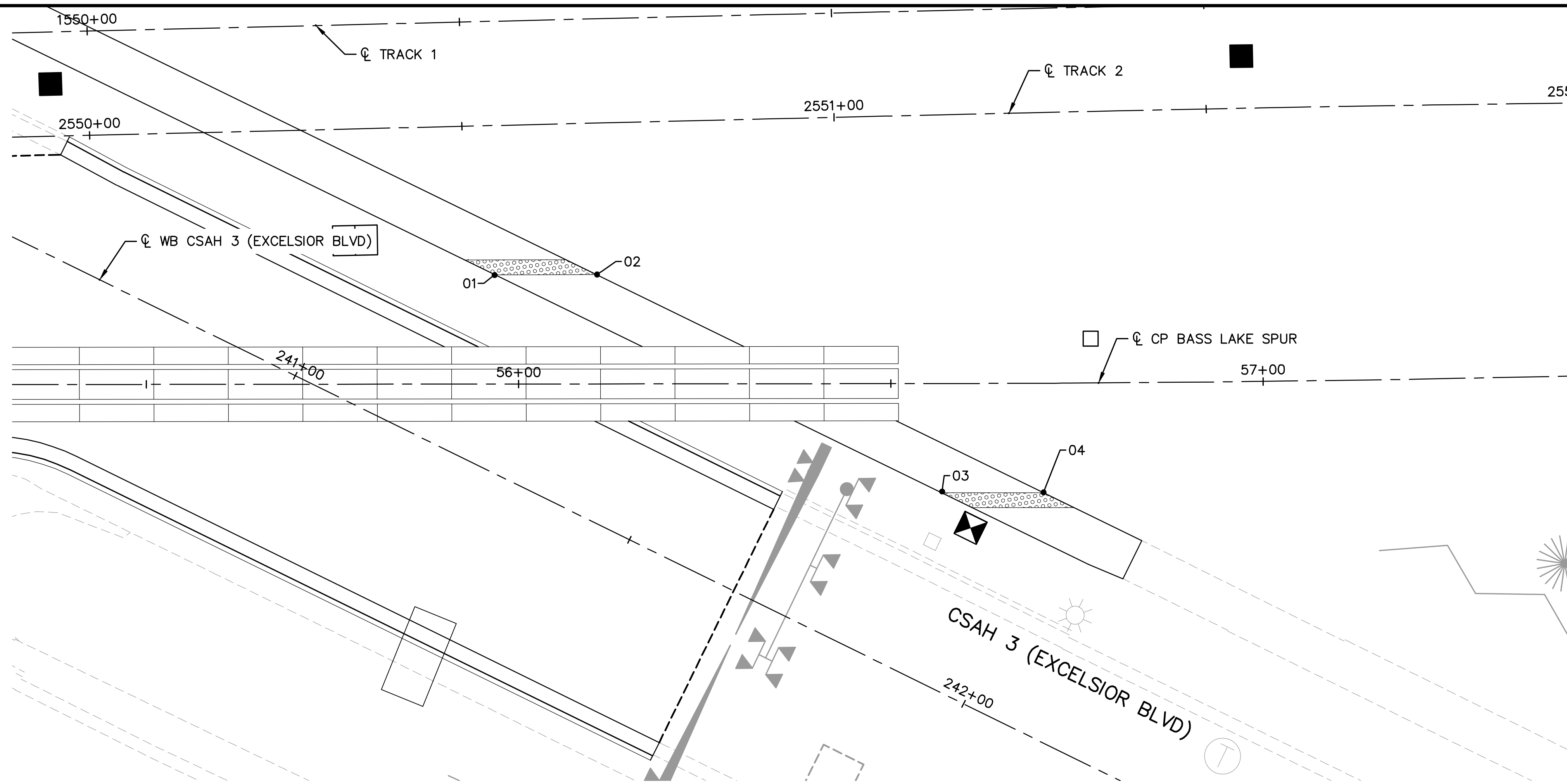
SOUTHWEST Green Line LRT Extension

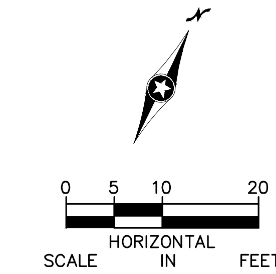
CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 33

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-007

SHEET 51 OF 302





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK	241+18.12	−23.99 LT	924.74	WB CSAH 3 (EXCELSIOR BLVD)
02	TOP SWK	241+30.37	−30.02 LT	924.68	WB CSAH 3 (EXCELSIOR BLVD)
03	TOP SWK	241+84.85	−24.28 LT	924.55	WB CSAH 3 (EXCELSIOR BLVD)
04	TOP SWK	241+97.12	−30.17 LT	924.58	WB CSAH 3 (EXCELSIOR BLVD)

LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- → — DRAINAGE FLOW ARROW

Jan, 19 2016 10:15 am V:\3400_ADC\CAD\00_EAST\plansheets\CIVIL\E1-CIV-ADA-2.dwg By: matt.nelson

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

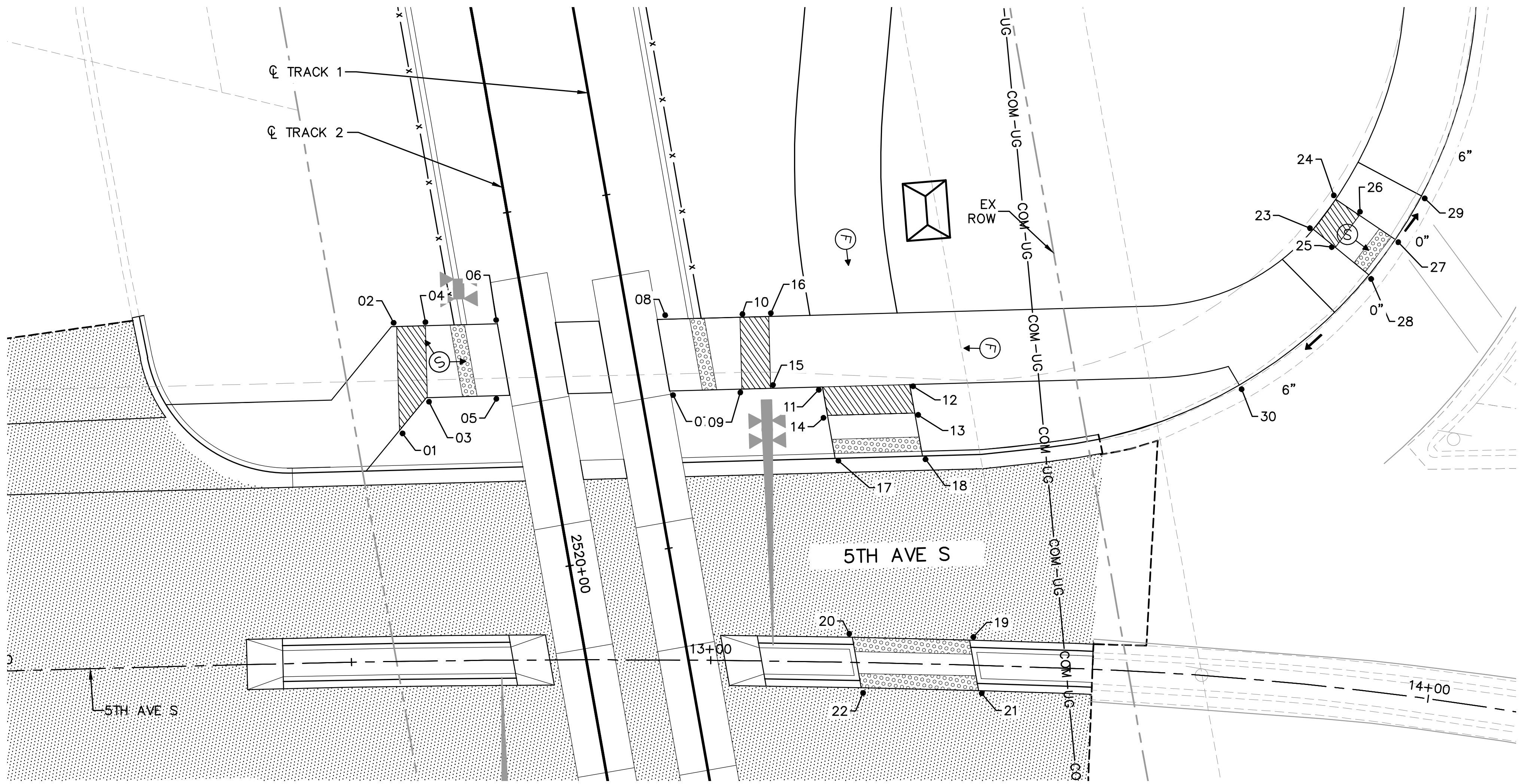
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 34

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-008



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	LANDING	12+57.17	–32.15 LT	922.11	5TH AVE S
02	LANDING	12+57.00	–46.63 LT	922.32	5TH AVE S
03	LANDING	12+60.90	–36.68 LT	922.20	5TH AVE S
04	LANDING	12+60.90	–46.68 LT	922.34	5TH AVE S
05	BOTTOM SLOPE	12+70.83	–36.85 LT	921.79	5TH AVE S
06	BOTTOM SLOPE	12+70.64	–46.85 LT	921.87	5TH AVE S
07	BOTTOM SLOPE	12+94.14	–37.47 LT	921.77	5TH AVE S
08	BOTTOM SLOPE	12+93.82	–47.46 LT	921.85	5TH AVE S
09	LANDING	13+03.93	–37.82 LT	922.27	5TH AVE S
10	LANDING	13+03.56	–47.81 LT	922.12	5TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
11	LANDING	13+14.90	–38.28 LT	922.13	5TH AVE S
12	LANDING	13+26.77	–38.85 LT	922.31	5TH AVE S
13	LANDING	13+27.55	–34.89 LT	922.25	5TH AVE S
14	LANDING	13+15.66	–34.31 LT	922.07	5TH AVE S
15	LANDING	13+07.84	–37.98 LT	922.29	5TH AVE S
16	LANDING	13+07.45	–47.97 LT	922.14	5TH AVE S
17	FLOW LINE	13+16.79	–28.35 LT	921.57	5TH AVE S
18	FLOW LINE	13+28.74	–28.94 LT	921.89	5TH AVE S
19	FLOW LINE	13+35.91	–3.49 LT	921.80	5TH AVE S
20	FLOW LINE	13+19.62	–3.50 LT	921.87	5TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
21	FLOW LINE	13+37.35	3.51 RT	921.87	5TH AVE S
22	FLOW LINE	13+21.58	3.78 RT	921.89	5TH AVE S
23	LANDING	13+78.16	–63.18 LT	920.30	5TH AVE S
24	LANDING	13+80.56	–67.64 LT	920.39	5TH AVE S
25	LANDING	13+81.08	–60.97 LT	920.24	5TH AVE S
26	LANDING	13+83.63	–65.75 LT	920.33	5TH AVE S
27	FLOW LINE	13+88.33	–62.94 LT	920.24	5TH AVE S
28	FLOW LINE	13+85.58	–57.63 LT	920.15	5TH AVE S
29	FLOW LINE	13+90.95	–69.35 LT	920.74	5TH AVE S
30	FLOW LINE	13+70.49	–40.70 LT	920.58	5TH AVE S

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

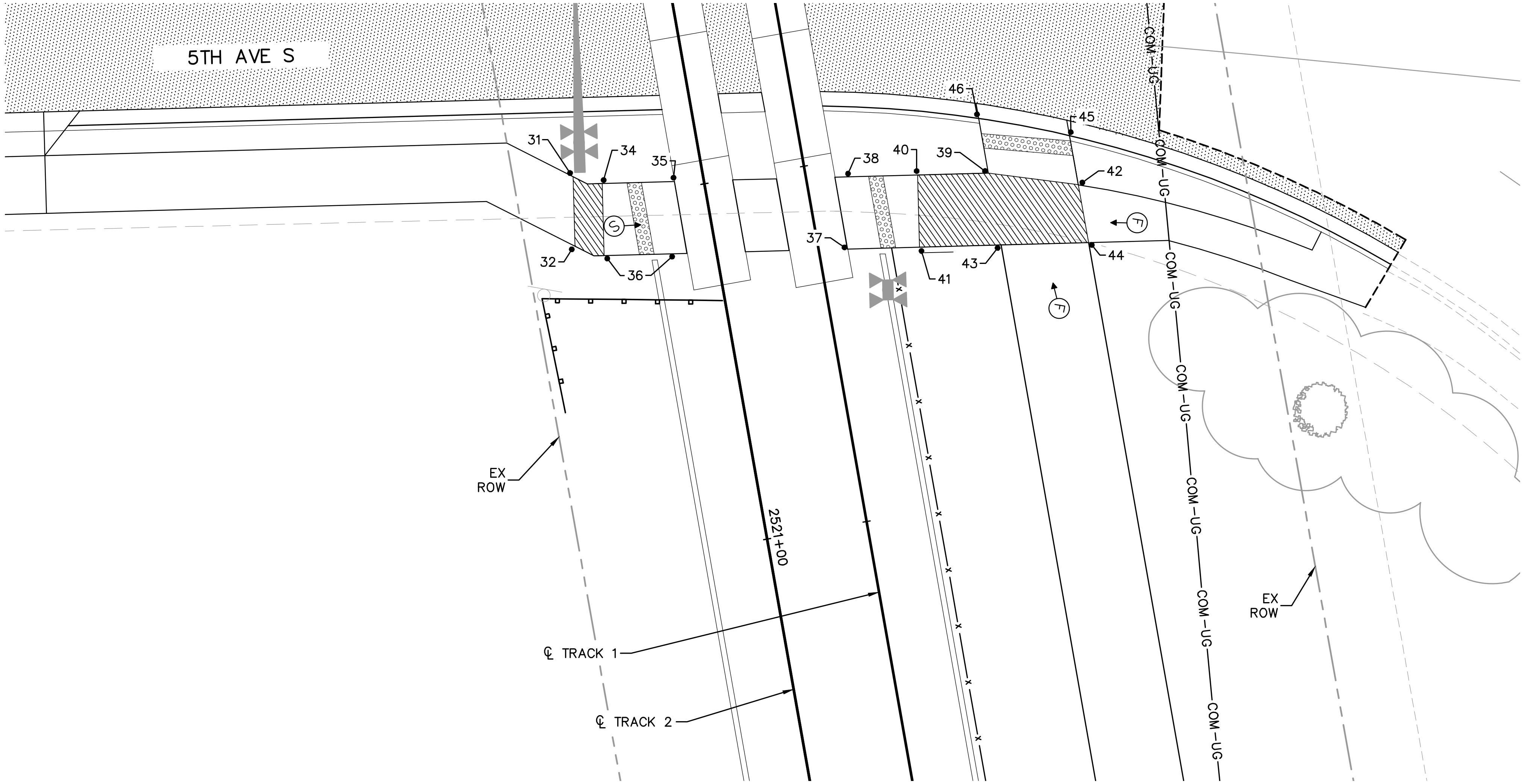
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 35

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-009



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

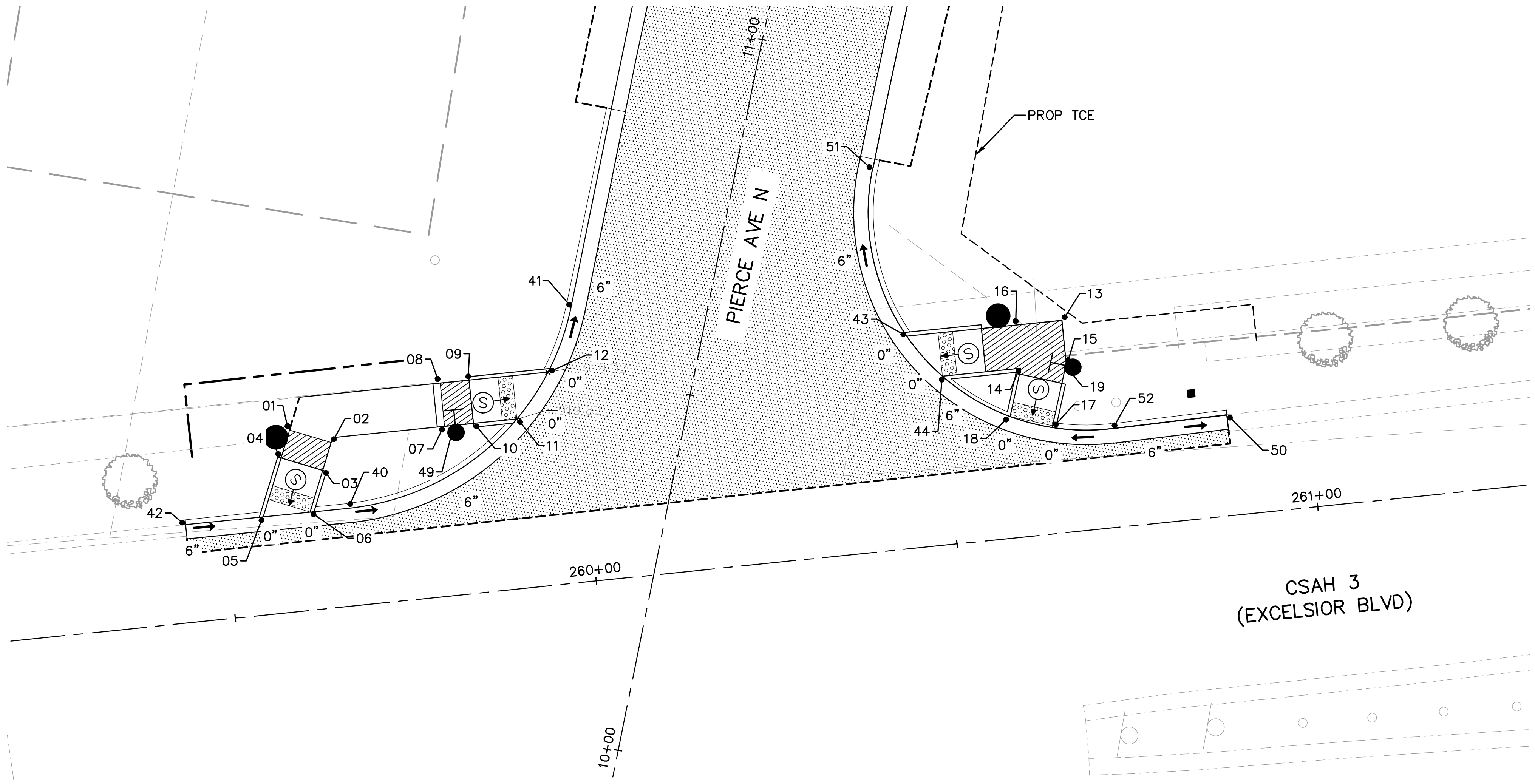
0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
31	LANDING	12+70.58	35.11 RT	921.55	5TH AVE S
32	LANDING	12+70.78	44.75 RT	921.70	5TH AVE S
33	LANDING	12+74.91	46.08 RT	921.63	5TH AVE S
34	LANDING	12+74.69	36.08 RT	921.49	5TH AVE S
35	BOTTOM SLOPE	12+84.89	35.84 RT	921.20	5TH AVE S
36	BOTTOM SLOPE	12+85.17	45.84 RT	921.13	5TH AVE S
37	BOTTOM SLOPE	13+09.55	45.02 RT	921.11	5TH AVE S
38	BOTTOM SLOPE	13+09.08	35.03 RT	921.18	5TH AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
39	LANDING	13+29.23	34.12 RT	921.78	5TH AVE S
40	LANDING	13+19.26	34.60 RT	921.63	5TH AVE S
41	LANDING	13+19.74	44.59 RT	921.64	5TH AVE S
42	LANDING	13+41.99	35.39 RT	921.87	5TH AVE S
43	LANDING	13+31.29	44.03 RT	921.81	5TH AVE S
44	LANDING	13+43.71	43.34 RT	921.99	5TH AVE S
45	LANDING	13+40.55	28.62 RT	921.77	5TH AVE S
46	LANDING	13+27.68	26.57 RT	921.80	5TH AVE S



LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	LANDING	259+60.07	−25.03 LT	920.72	WB CSAH 3 (EXCELSIOR BLVD)
02	LANDING	259+65.62	−22.75 LT	920.63	WB CSAH 3 (EXCELSIOR BLVD)
03	LANDING	259+64.07	−19.02 LT	920.57	WB CSAH 3 (EXCELSIOR BLVD)
04	LANDING	259+58.53	−21.33 LT	920.66	WB CSAH 3 (EXCELSIOR BLVD)
05	FLOW LINE	259+55.26	−13.50 LT	920.14	WB CSAH 3 (EXCELSIOR BLVD)
06	FLOW LINE	259+61.75	−13.48 LT	920.07	WB CSAH 3 (EXCELSIOR BLVD)
07	LANDING	10+39.02	−32.32 LT	920.38	PIERCE AVE N
08	LANDING	10+44.75	−34.10 LT	920.29	PIERCE AVE N
09	LANDING	10+45.93	−30.28 LT	920.23	PIERCE AVE N
10	LANDING	10+40.20	−28.50 LT	920.32	PIERCE AVE N
11	FLOW LINE	10+42.00	−22.74 LT	919.82	PIERCE AVE N
12	FLOW LINE	259+96.34	−29.31 LT	919.32	WB CSAH 3 (EXCELSIOR BLVD)
13	LANDING	260+67.55	−29.18 LT	919.79	WB CSAH 3 (EXCELSIOR BLVD)
14	LANDING	260+61.22	−23.19 LT	919.77	WB CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
15	LANDING	260+67.54	−23.18 LT	919.88	WB CSAH 3 (EXCELSIOR BLVD)
16	LANDING	260+61.23	−29.19 LT	919.88	WB CSAH 3 (EXCELSIOR BLVD)
17	FLOW LINE	260+64.71	−14.60 LT	919.33	WB CSAH 3 (EXCELSIOR BLVD)
18	FLOW LINE	260+59.09	−16.71 LT	919.26	WB CSAH 3 (EXCELSIOR BLVD)
40	FLOW LINE	10+25.29	−43.18 LT	920.05	PIERCE AVE N
41	FLOW LINE	10+58.73	−18.50 LT	919.05	PIERCE AVE N
42	FLOW LINE	259+44.51	−13.54 LT	920.19	WB CSAH 3 (EXCELSIOR BLVD)
43	FLOW LINE	10+63.89	27.65 RT	918.95	PIERCE AVE N
44	FLOW LINE	10+59.44	33.57 RT	919.22	PIERCE AVE N
50	FLOW LINE	260+88.83	−13.89 LT	919.23	WB CSAH 3 (EXCELSIOR BLVD)
51	FLOW LINE	10+85.46	18.50 RT	918.11	PIERCE AVE N
52	FLOW LINE	260+72.90	−13.61 LT	919.35	WB CSAH 3 (EXCELSIOR BLVD)

PEDESTRIAN PUSH BUTTON STATIONS

POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
19	260+67.31	−22.95 LT	WB CSAH 3 (EXCELSIOR BLVD)	6.10	0.37
49	10+39.58	−30.93 LT	PIERCE AVE N	2.54	1.50

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

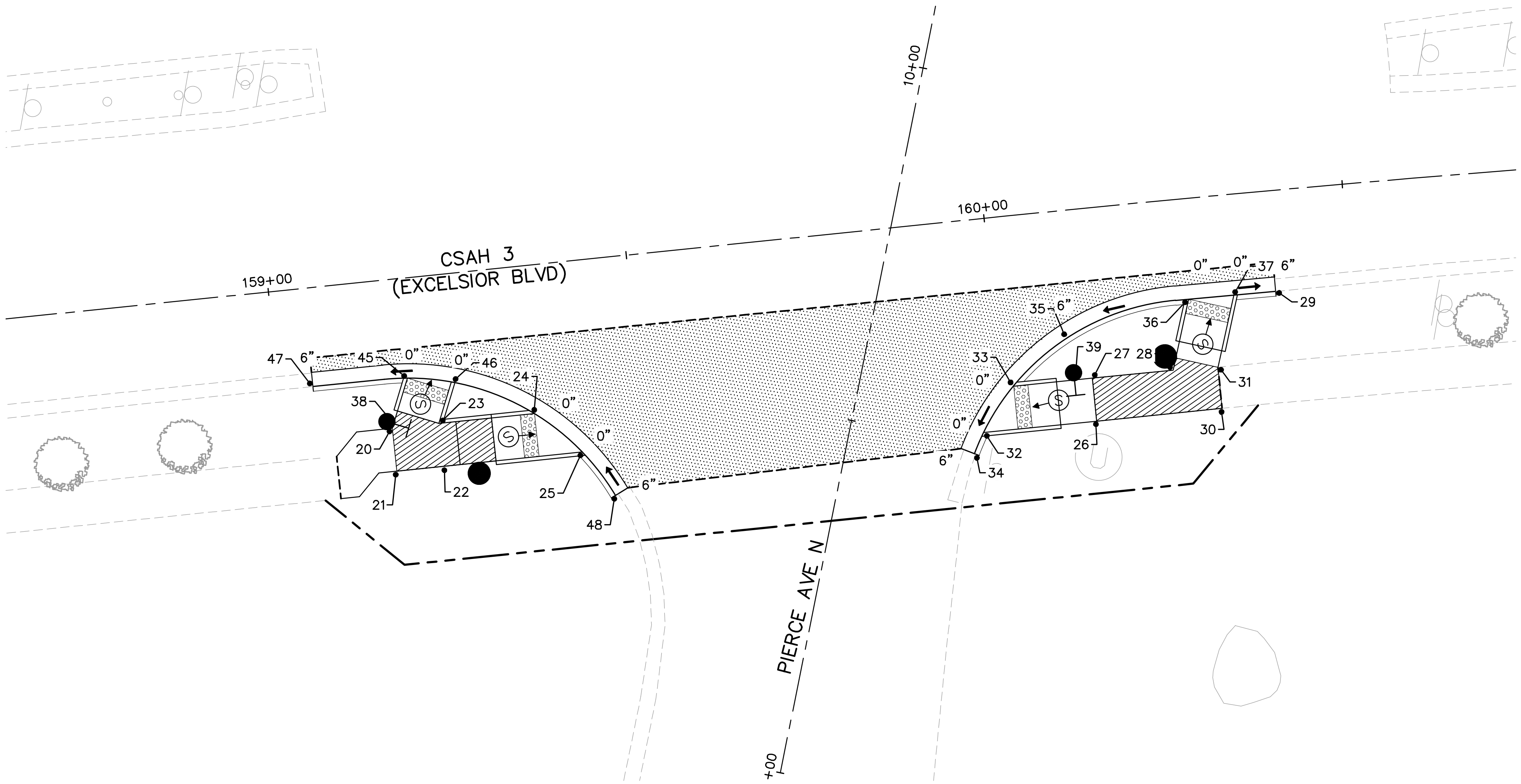
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 37

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-011



LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

(S) INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

(F) INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
20	LANDING	159+15.18	20.62 RT	920.63	EB CSAH 3 (EXCELSIOR BLVD)
21	LANDING	159+15.19	26.62 RT	920.72	EB CSAH 3 (EXCELSIOR BLVD)
22	LANDING	159+21.69	26.62 RT	920.77	EB CSAH 3 (EXCELSIOR BLVD)
23	LANDING	159+21.69	20.62 RT	920.68	EB CSAH 3 (EXCELSIOR BLVD)
24	FLOW LINE	159+35.06	20.61 RT	920.29	EB CSAH 3 (EXCELSIOR BLVD)
25	FLOW LINE	159+41.13	26.61 RT	920.33	EB CSAH 3 (EXCELSIOR BLVD)
26	LANDING	160+12.78	29.57 RT	921.01	EB CSAH 3 (EXCELSIOR BLVD)
27	LANDING	160+12.76	23.64 RT	920.92	EB CSAH 3 (EXCELSIOR BLVD)
28	LANDING	160+24.14	23.61 RT	921.07	EB CSAH 3 (EXCELSIOR BLVD)
29	FLOW LINE	160+39.44	14.02 RT	919.76	EB CSAH 3 (EXCELSIOR BLVD)
30	LANDING	160+30.48	29.55 RT	921.27	EB CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
31	LANDING	160+30.41	23.77 RT	921.18	EB CSAH 3 (EXCELSIOR BLVD)
32	FLOW LINE	159+96.90	29.64 RT	919.70	EB CSAH 3 (EXCELSIOR BLVD)
33	FLOW LINE	160+01.68	23.64 RT	920.01	EB CSAH 3 (EXCELSIOR BLVD)
34	FLOW LINE	159+95.34	32.44 RT	919.73	EB CSAH 3 (EXCELSIOR BLVD)
35	FLOW LINE	160+09.76	17.78 RT	920.15	EB CSAH 3 (EXCELSIOR BLVD)
36	FLOW LINE	160+27.24	14.00 RT	920.40	EB CSAH 3 (EXCELSIOR BLVD)
37	FLOW LINE	160+33.42	14.02 RT	920.33	EB CSAH 3 (EXCELSIOR BLVD)
45	FLOW LINE	159+17.99	13.90 RT	920.19	EB CSAH 3 (EXCELSIOR BLVD)
46	FLOW LINE	159+24.01	15.05 RT	920.24	EB CSAH 3 (EXCELSIOR BLVD)
47	FLOW LINE	159+04.80	13.72 RT	920.10	EB CSAH 3 (EXCELSIOR BLVD)
48	FLOW LINE	159+45.09	33.08 RT	920.73	EB CSAH 3 (EXCELSIOR BLVD)

PEDESTRIAN PUSH BUTTON STATIONS

POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
38	159+15.57	20.06 RT	EB CSAH 3 (EXCELSIOR BLVD)	0.71	6.59
39	160+10.26	23.81 RT	EB CSAH 3 (EXCELSIOR BLVD)	2.52	19.96

Jan, 18 2016 01:28 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-ADA_SPO_2.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

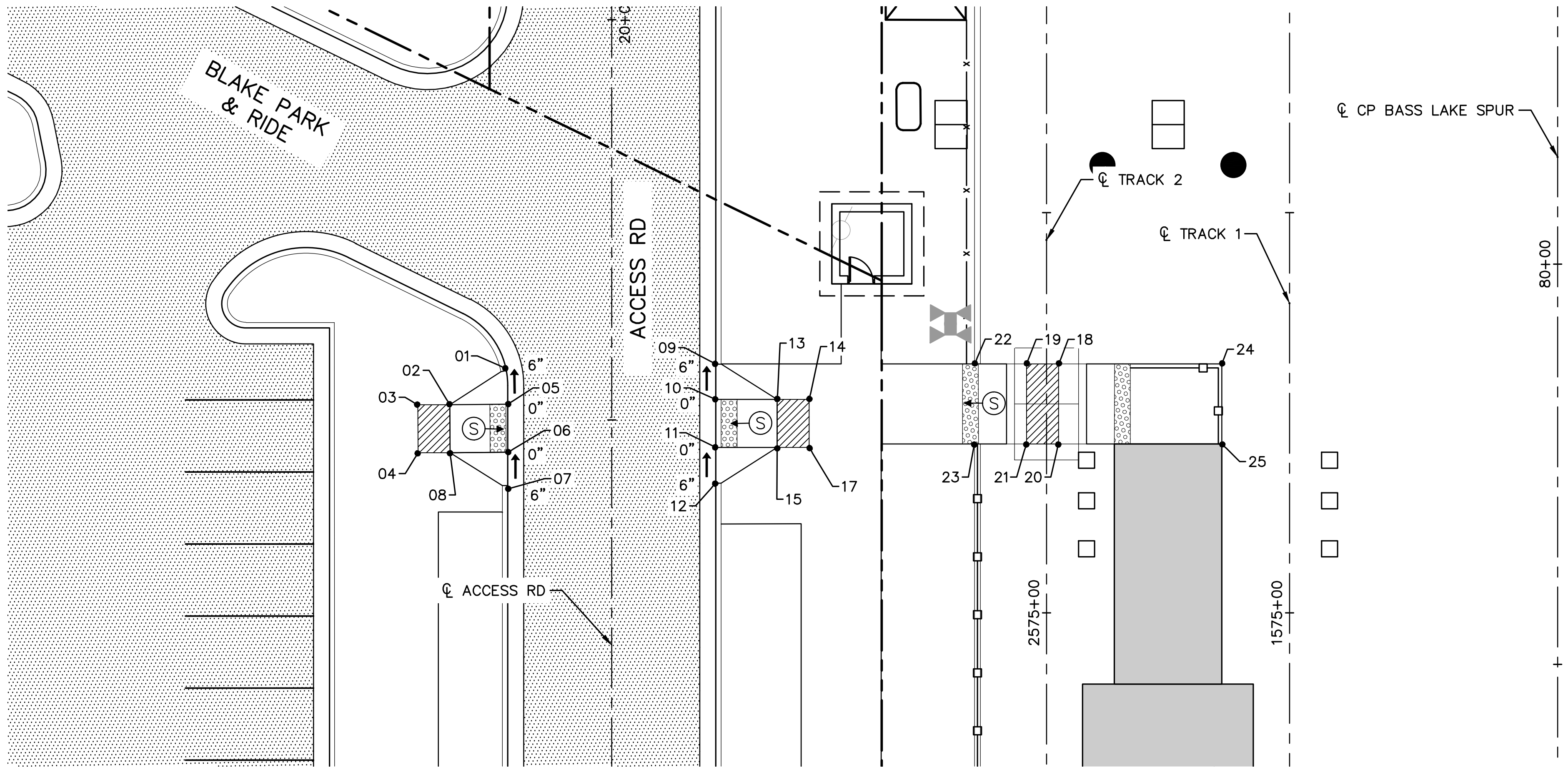
METROPOLITAN COUNCIL

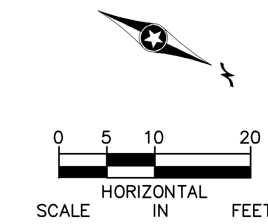
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 38

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-012





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	2574+69.48	67.55 RT	920.62	TRACK 2
02	LANDING	2574+73.99	74.56 RT	921.27	TRACK 2
03	TOP SWK MATCH	2574+74.02	78.56 RT	921.29	TRACK 2
04	TOP SWK MATCH	2574+80.02	78.53 RT	921.36	TRACK 2
05	F/L	2574+73.95	67.33 RT	920.67	TRACK 2
06	F/L	2574+79.95	67.33 RT	920.76	TRACK 2
07	F/L	2574+84.51	67.33 RT	920.81	TRACK 2
08	LANDING	2574+79.99	74.54 RT	921.36	TRACK 2
09	F/L	2574+68.92	41.33 RT	920.60	TRACK 2
10	F/L	2574+73.35	41.33 RT	920.67	TRACK 2
11	F/L	2574+79.35	41.33 RT	920.75	TRACK 2
12	F/L	2574+83.80	41.33 RT	920.80	TRACK 2
13	LANDING	2574+73.35	33.66 RT	921.31	TRACK 2
14	TOP SWK MATCH	2574+73.35	29.66 RT	921.39	TRACK 2

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
15	LANDING	2574+79.35	33.66 RT	921.39	TRACK 2
17	TOP SWK MATCH	2574+79.35	29.66 RT	921.44	TRACK 2
18	TOP SWK MATCH	2574+68.90	−1.51 LT	922.30	TRACK 2
19	LANDING	2574+68.90	2.50 RT	922.30	TRACK 2
20	TOP SWK MATCH	2574+78.90	−1.50 LT	922.25	TRACK 2
21	LANDING	2574+78.90	2.50 RT	922.25	TRACK 2
22	TOP SWK	2574+68.90	9.00 RT	921.76	TRACK 2
23	TOP SWK	2574+78.90	9.00 RT	921.81	TRACK 2
24	TOP SWK	2574+68.90	−21.90 LT	922.20	TRACK 2
25	TOP SWK	2574+78.90	−21.90 LT	922.25	TRACK 2

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

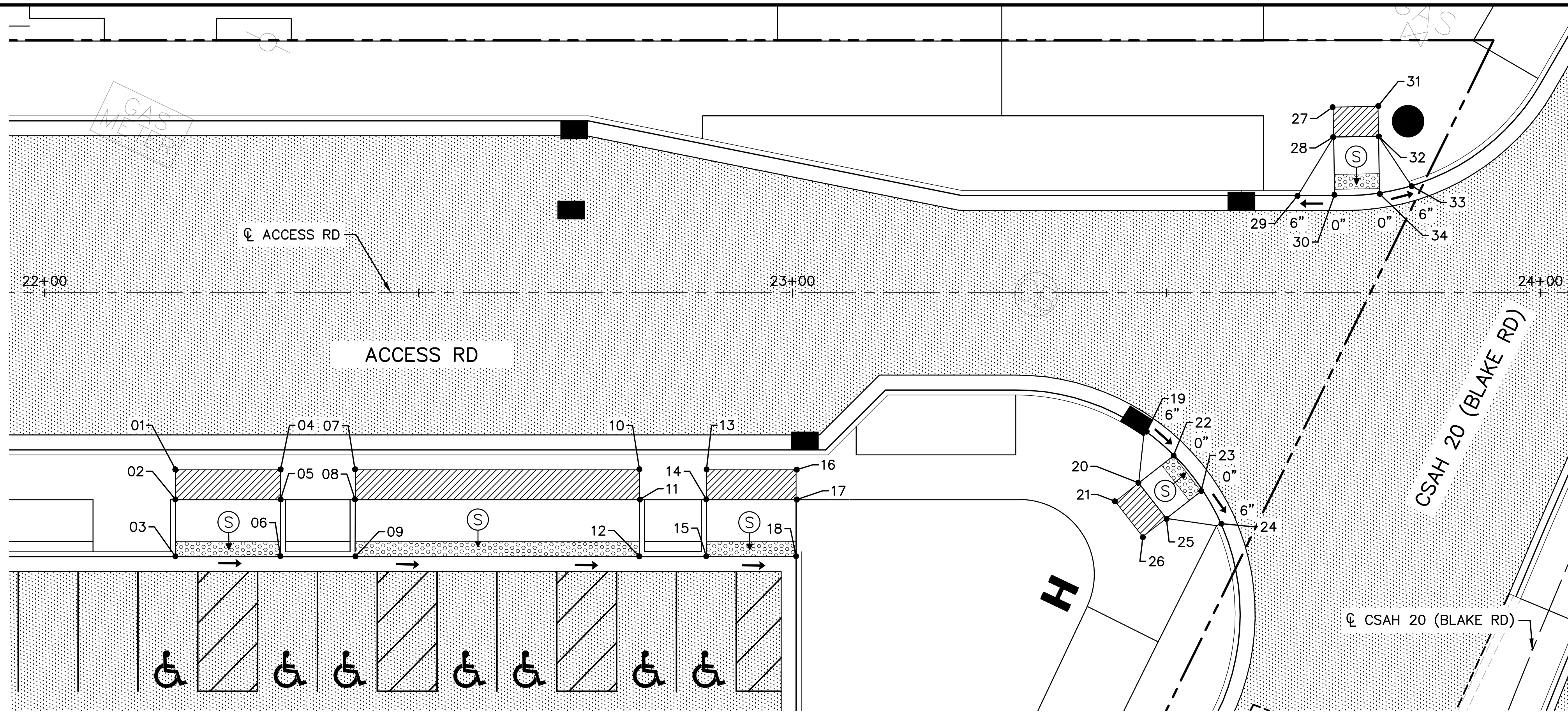
METROPOLITAN COUNCIL

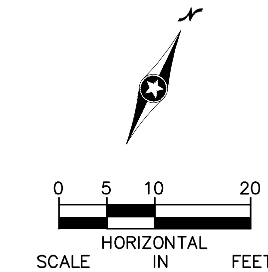
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ACCESS RD
INTERSECTION DETAILS
SHEET 39

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-013





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	22+17.53	23.67 RT	920.48	ACCESS RD
02	LANDING	22+17.53	27.67 RT	920.49	ACCESS RD
03	F/L	22+17.52	35.28 RT	920.09	ACCESS RD
04	TOP SWK MATCH	22+31.54	23.67 RT	920.36	ACCESS RD
05	LANDING	22+31.54	27.67 RT	920.37	ACCESS RD
06	F/L	22+31.54	35.28 RT	919.97	ACCESS RD
07	TOP SWK MATCH	22+41.53	23.67 RT	920.28	ACCESS RD
08	LANDING	22+41.53	27.67 RT	920.28	ACCESS RD
09	F/L	22+41.52	35.28 RT	919.88	ACCESS RD
10	TOP SWK MATCH	22+79.54	23.67 RT	919.95	ACCESS RD
11	LANDING	22+79.54	27.67 RT	919.96	ACCESS RD
12	F/L	22+79.54	35.28 RT	919.55	ACCESS RD
13	TOP SWK MATCH	22+88.50	23.67 RT	919.87	ACCESS RD
14	LANDING	22+88.50	27.67 RT	919.88	ACCESS RD
15	F/L	22+88.50	35.28 RT	919.48	ACCESS RD
16	TOP SWK MATCH	23+00.50	23.67 RT	919.77	ACCESS RD
17	LANDING	23+00.50	27.67 RT	919.78	ACCESS RD

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
18	F/L	23+00.50	35.28 RT	919.37	ACCESS RD
19	F/L	23+47.33	18.62 RT	919.02	ACCESS RD
20	LANDING	23+46.29	25.44 RT	919.48	ACCESS RD
21	TOP SWK MATCH	23+43.14	27.89 RT	919.53	ACCESS RD
22	F/L	23+50.93	21.82 RT	918.99	ACCESS RD
23	F/L	23+54.62	26.55 RT	918.97	ACCESS RD
24	F/L	23+57.29	30.87 RT	918.82	ACCESS RD
25	LANDING	23+49.98	30.17 RT	919.46	ACCESS RD
26	TOP SWK MATCH	23+46.83	32.63 RT	919.51	ACCESS RD
27	TOP SWK MATCH	23+72.27	-24.83 LT	920.53	ACCESS RD
28	LANDING	23+72.34	-20.83 LT	920.55	ACCESS RD
29	F/L	23+67.55	-13.00 LT	920.04	ACCESS RD
30	F/L	23+72.47	-13.13 LT	920.16	ACCESS RD
31	TOP SWK MATCH	23+78.27	-24.93 LT	920.60	ACCESS RD
32	LANDING	23+78.34	-20.93 LT	920.62	ACCESS RD
33	F/L	23+82.73	-14.28 LT	920.22	ACCESS RD
34	F/L	23+78.47	-13.26 LT	920.24	ACCESS RD

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW

Jan. 18 2016 10:31 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-ADA-3.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

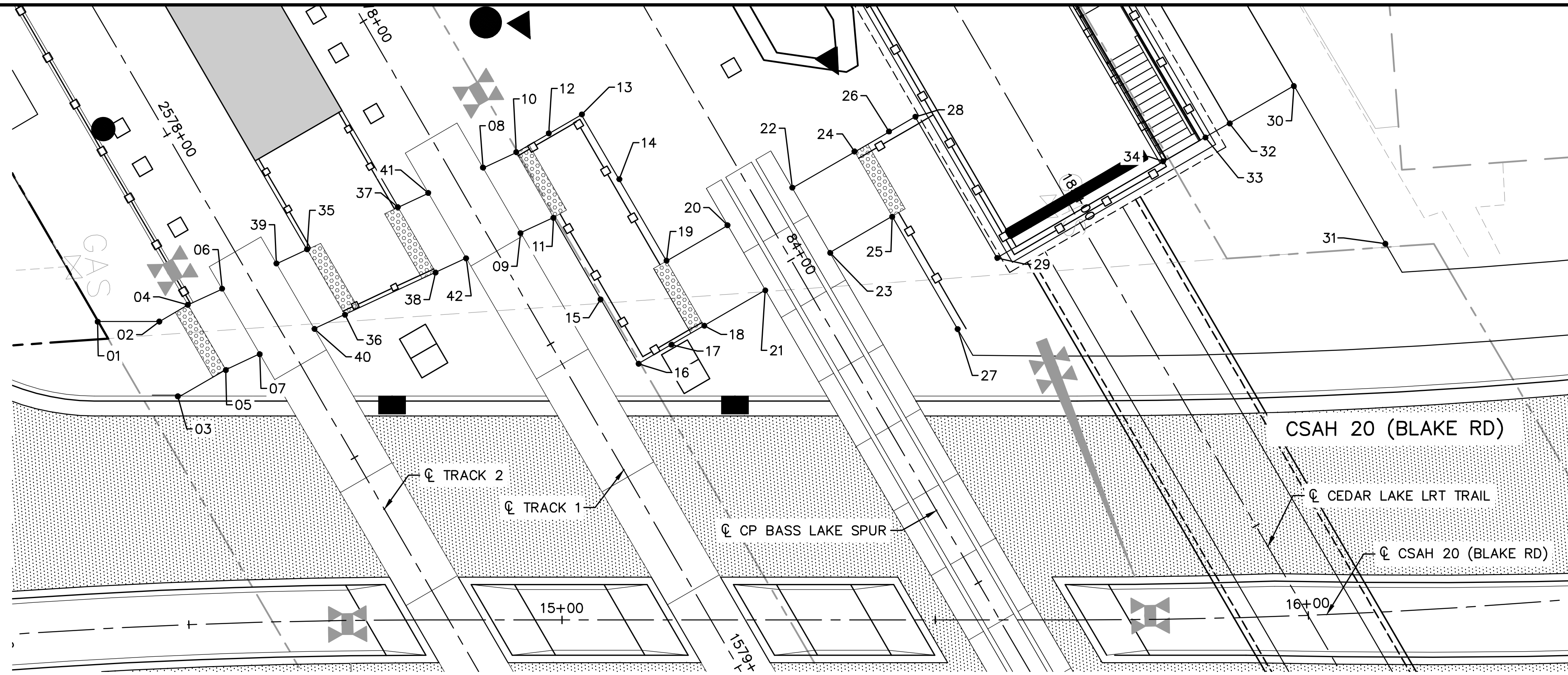
METROPOLITAN COUNCIL

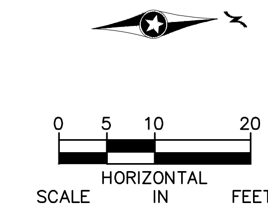
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ACCESS RD
INTERSECTION DETAILS
SHEET 40

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-014





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK	14+39.94	−41.17 LT	920.68	CSAH 20 (BLAKE RD)
02	TOP SWK	14+47.84	−40.77 LT	920.66	CSAH 20 (BLAKE RD)
03	TOP SWK	14+49.74	−30.68 LT	920.67	CSAH 20 (BLAKE RD)
04	TOP SWK	14+51.54	−42.83 LT	920.66	CSAH 20 (BLAKE RD)
05	TOP SWK	14+56.05	−33.97 LT	920.62	CSAH 20 (BLAKE RD)
06	TOP SWK	14+55.93	−44.78 LT	920.64	CSAH 20 (BLAKE RD)
07	TOP SWK	14+60.46	−35.96 LT	920.59	CSAH 20 (BLAKE RD)
08	TOP SWK	14+89.42	−60.57 LT	920.61	CSAH 20 (BLAKE RD)
09	TOP SWK	14+94.46	−51.88 LT	920.56	CSAH 20 (BLAKE RD)
10	TOP SWK	14+93.87	−62.63 LT	920.61	CSAH 20 (BLAKE RD)
11	TOP SWK	14+98.87	−53.93 LT	920.56	CSAH 20 (BLAKE RD)
12	TOP SWK	14+98.22	−65.16 LT	920.57	CSAH 20 (BLAKE RD)
13	TOP SWK	15+02.62	−67.71 LT	920.53	CSAH 20 (BLAKE RD)
14	TOP SWK	15+07.66	−59.02 LT	920.48	CSAH 20 (BLAKE RD)
15	TOP SWK	15+05.21	−42.99 LT	920.81	CSAH 20 (BLAKE RD)
16	TOP SWK	15+10.22	−34.34 LT	920.91	CSAH 20 (BLAKE RD)
17	TOP SWK	15+14.62	−36.89 LT	920.84	CSAH 20 (BLAKE RD)
18	TOP SWK	15+19.01	−39.44 LT	920.76	CSAH 20 (BLAKE RD)
19	TOP SWK	15+14.00	−48.09 LT	920.73	CSAH 20 (BLAKE RD)

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
20	TOP SWK	15+22.22	−52.86 LT	920.57	CSAH 20 (BLAKE RD)
21	TOP SWK	15+27.23	−44.21 LT	920.52	CSAH 20 (BLAKE RD)
22	TOP SWK	15+30.87	−57.88 LT	920.57	CSAH 20 (BLAKE RD)
23	TOP SWK	15+35.88	−49.23 LT	920.52	CSAH 20 (BLAKE RD)
24	TOP SWK	15+39.23	−62.73 LT	920.09	CSAH 20 (BLAKE RD)
25	TOP SWK	15+44.25	−54.08 LT	920.04	CSAH 20 (BLAKE RD)
26	TOP SWK	15+43.84	−65.40 LT	920.16	CSAH 20 (BLAKE RD)
27	TOP SWK	15+52.99	−39.01 LT	919.95	CSAH 20 (BLAKE RD)
28	TOP SWK	15+47.30	−67.41 LT	920.21	CSAH 20 (BLAKE RD)
29	TOP SWK	15+58.26	−48.51 LT	920.10	CSAH 20 (BLAKE RD)
30	TOP SWK	16+00.91	−71.01 LT	920.88	CSAH 20 (BLAKE RD)
31	TOP SWK	16+13.10	−49.26 LT	920.63	CSAH 20 (BLAKE RD)
32	TOP SWK	15+91.26	−66.29 LT	920.71	CSAH 20 (BLAKE RD)
33	TOP SWK	15+87.67	−64.49 LT	920.65	CSAH 20 (BLAKE RD)
34	TOP SWK	15+81.54	−61.36 LT	920.54	CSAH 20 (BLAKE RD)
35	TOP SWK	14+66.78	−49.76 LT	920.63	CSAH 20 (BLAKE RD)
36	TOP SWK	14+71.43	−41.01 LT	920.58	CSAH 20 (BLAKE RD)
37	TOP SWK	14+78.30	−55.30 LT	920.62	CSAH 20 (BLAKE RD)
38	TOP SWK	14+83.08	−46.60 LT	920.57	CSAH 20 (BLAKE RD)

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
39	TOP SWK	14+62.90	−47.96 LT	920.63	CSAH 20 (BLAKE RD)
40	TOP SWK	14+67.50	−39.17 LT	920.58	CSAH 20 (BLAKE RD)
41	TOP SWK	14+82.14	−57.18 LT	920.62	CSAH 20 (BLAKE RD)
42	TOP SWK	14+87.15	−48.50 LT	920.57	CSAH 20 (BLAKE RD)

LEGEND

XXX CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

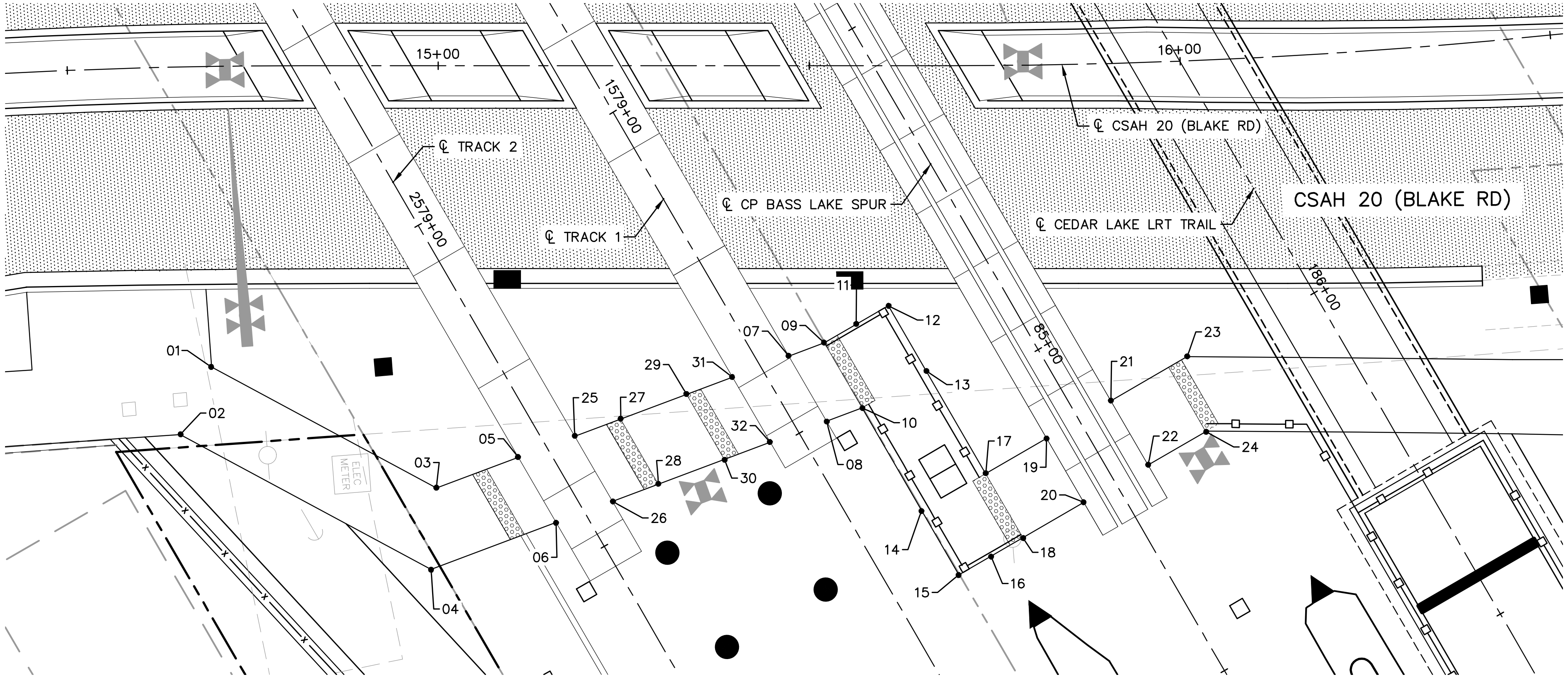
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 41

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-015



0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK	14+68.80	40.52 RT	920.75	CSAH 20 (BLAKE RD)
02	TOP SWK	14+64.14	49.52 RT	920.85	CSAH 20 (BLAKE RD)
03	TOP SWK	14+99.76	56.90 RT	920.21	CSAH 20 (BLAKE RD)
04	TOP SWK	14+99.03	67.86 RT	920.26	CSAH 20 (BLAKE RD)
05	TOP SWK	15+10.80	52.77 RT	920.10	CSAH 20 (BLAKE RD)
06	TOP SWK	15+15.89	61.54 RT	920.05	CSAH 20 (BLAKE RD)
07	TOP SWK	15+47.25	39.13 RT	920.06	CSAH 20 (BLAKE RD)
08	TOP SWK	15+52.34	47.90 RT	920.02	CSAH 20 (BLAKE RD)
09	TOP SWK	15+52.04	37.34 RT	920.06	CSAH 20 (BLAKE RD)
10	TOP SWK	15+57.12	46.11 RT	920.02	CSAH 20 (BLAKE RD)
11	TOP SWK	15+56.34	34.84 RT	920.13	CSAH 20 (BLAKE RD)
12	TOP SWK	15+60.65	32.34 RT	920.20	CSAH 20 (BLAKE RD)
13	TOP SWK	15+65.74	41.11 RT	920.13	CSAH 20 (BLAKE RD)
14	TOP SWK	15+65.15	59.96 RT	919.90	CSAH 20 (BLAKE RD)
15	TOP SWK	15+70.08	68.60 RT	919.83	CSAH 20 (BLAKE RD)
16	TOP SWK	15+74.06	66.12 RT	919.90	CSAH 20 (BLAKE RD)
17	TOP SWK	15+73.47	54.97 RT	920.01	CSAH 20 (BLAKE RD)
18	TOP SWK	15+78.07	63.66 RT	919.97	CSAH 20 (BLAKE RD)

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
19	TOP SWK	15+81.22	50.29 RT	920.01	CSAH 20 (BLAKE RD)
20	TOP SWK	15+85.77	59.03 RT	919.97	CSAH 20 (BLAKE RD)
21	TOP SWK	15+89.48	45.45 RT	920.01	CSAH 20 (BLAKE RD)
22	TOP SWK	15+93.96	54.24 RT	919.97	CSAH 20 (BLAKE RD)
23	TOP SWK	15+99.39	39.83 RT	919.95	CSAH 20 (BLAKE RD)
24	TOP SWK	16+01.42	50.00 RT	919.97	CSAH 20 (BLAKE RD)
25	TOP SWK	15+18.40	49.93 RT	920.09	CSAH 20 (BLAKE RD)
26	TOP SWK	15+23.49	58.70 RT	920.04	CSAH 20 (BLAKE RD)
27	TOP SWK	15+24.57	47.62 RT	920.09	CSAH 20 (BLAKE RD)
28	TOP SWK	15+29.66	56.39 RT	920.04	CSAH 20 (BLAKE RD)
29	TOP SWK	15+33.48	44.28 RT	920.08	CSAH 20 (BLAKE RD)
30	TOP SWK	15+38.57	53.06 RT	920.03	CSAH 20 (BLAKE RD)
31	TOP SWK	15+39.65	41.97 RT	920.07	CSAH 20 (BLAKE RD)
32	TOP SWK	15+44.74	50.75 RT	920.02	CSAH 20 (BLAKE RD)

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

Jan. 19 2016 10:23 am V:\3400_ADC\CAD\00_EAST\plansheets\CIVIL\E1-CIV-ADA-4.dwg By: matt.nelson

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

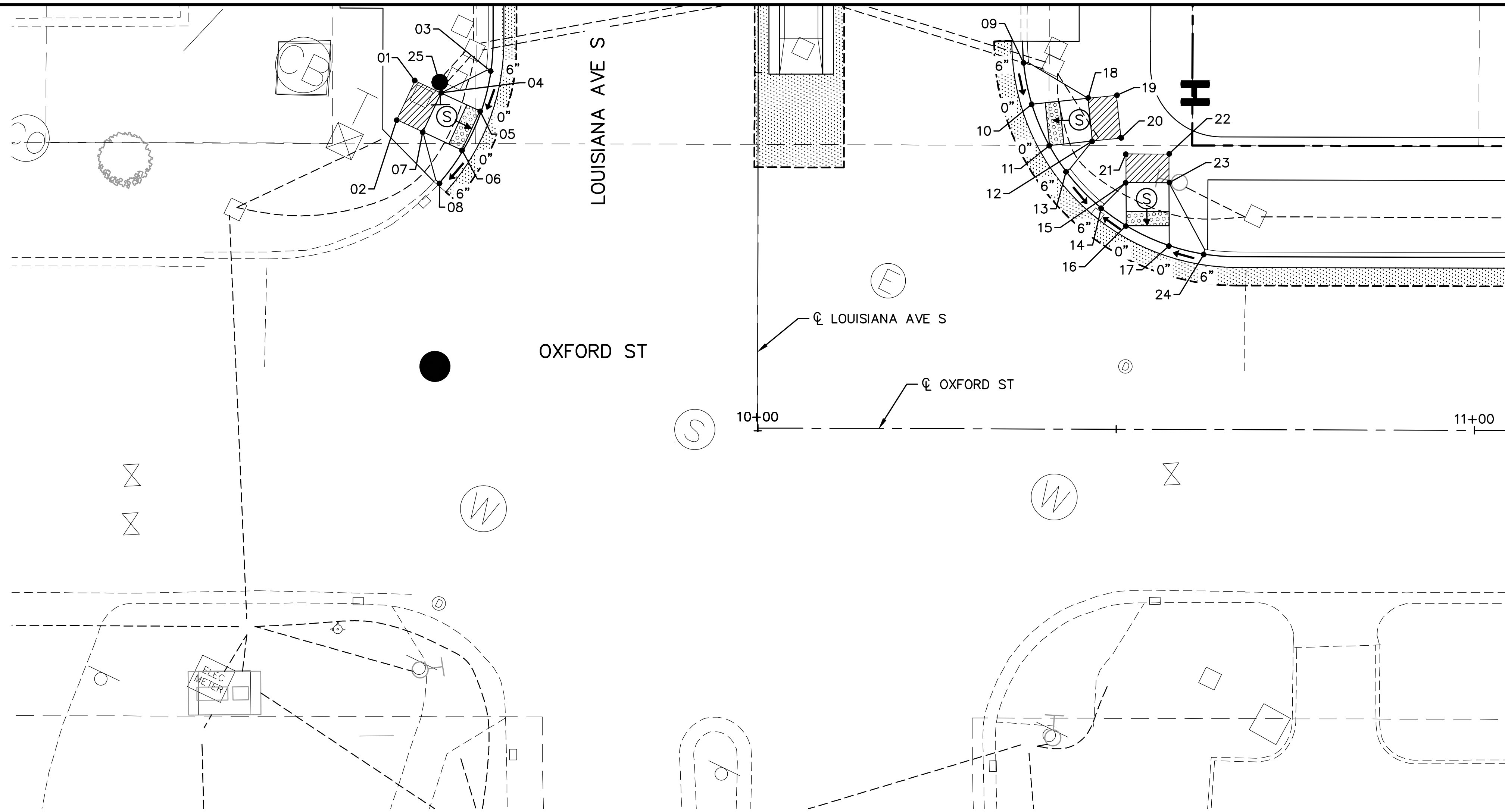
METROPOLITAN COUNCIL

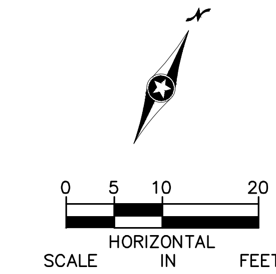
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 42

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-ADA-016





PEDESTRIAN PUSH BUTTON STATIONS					
POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
25	10+48.52	−44.45 LT	LOUISIANA AVE S	4.14	5.33

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	10+48.78	−47.90 LT	890.91	LOUISIANA AVE S
02	TOP SWK MATCH	10+43.34	−50.42 LT	890.88	LOUISIANA AVE S
03	F/L	10+50.12	−37.30 LT	890.45	LOUISIANA AVE S
04	LANDING	10+47.10	−44.27 LT	890.89	LOUISIANA AVE S
05	F/L	10+44.58	−38.82 LT	890.39	LOUISIANA AVE S
06	F/L	10+39.13	−41.35 LT	890.32	LOUISIANA AVE S
07	LANDING	10+41.66	−46.79 LT	890.82	LOUISIANA AVE S
08	F/L	10+34.52	−44.46 LT	890.25	LOUISIANA AVE S
09	F/L	10+51.37	37.07 RT	890.64	LOUISIANA AVE S
10	F/L	10+45.65	38.22 RT	890.55	LOUISIANA AVE S
11	F/L	10+39.88	40.70 RT	890.52	LOUISIANA AVE S
12	LANDING	10+40.51	46.67 RT	890.92	LOUISIANA AVE S

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
13	F/L	10+36.25	43.02 RT	890.50	LOUISIANA AVE S
14	F/L	10+47.83	−30.88 LT	890.49	OXFORD ST
15	LANDING	10+51.28	−34.43 LT	890.96	OXFORD ST
16	F/L	10+51.32	−28.40 LT	890.51	OXFORD ST
17	F/L	10+57.33	−25.63 LT	890.53	OXFORD ST
18	LANDING	10+46.47	46.04 RT	890.84	LOUISIANA AVE S
19	TOP SWK MATCH	10+46.89	50.02 RT	890.88	LOUISIANA AVE S
20	TOP SWK MATCH	10+40.92	50.64 RT	890.94	LOUISIANA AVE S
21	TOP SWK MATCH	10+51.25	−38.43 LT	890.95	OXFORD ST
22	TOP SWK MATCH	10+57.25	−38.44 LT	890.99	OXFORD ST
23	LANDING	10+57.28	−34.44 LT	890.99	OXFORD ST
24	F/L	10+62.18	−24.48 LT	890.70	OXFORD ST

Jan. 19 2016 10:29 am V:\3400_ADC\CAD\00_EAST\plansheets\CIVIL\E2-CIV-ADA-1.dwg By: matt.nelson

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

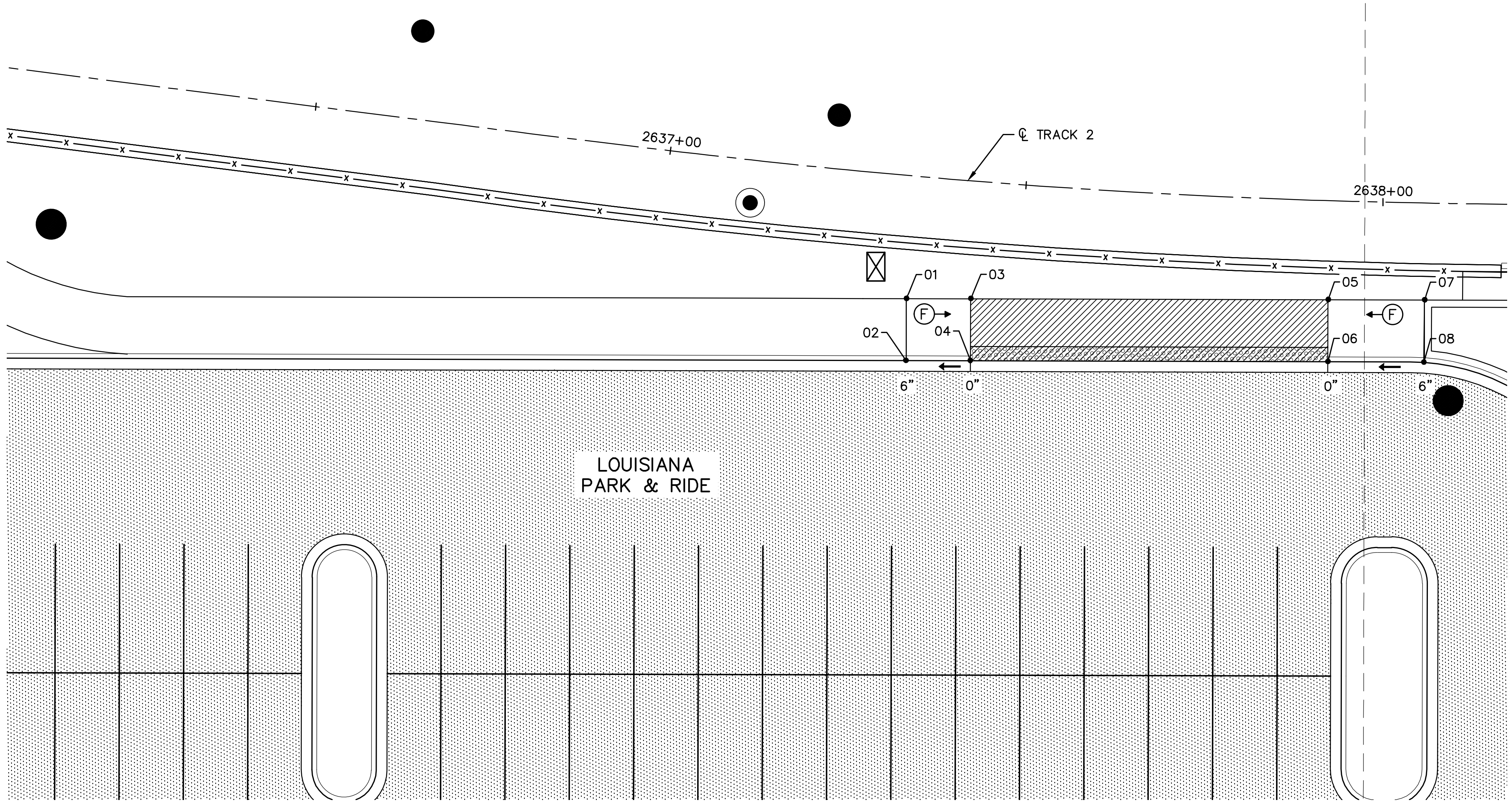
METROPOLITAN COUNCIL

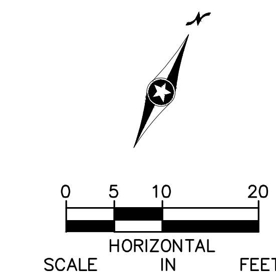
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 43

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-001





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK	2637+34.70	17.17 RT	894.19	TRACK 2
02	F/L	2637+35.42	25.81 RT	893.57	TRACK 2
03	TOP SWK	2637+43.53	16.43 RT	893.79	TRACK 2
04	F/L	2637+44.17	25.09 RT	893.66	TRACK 2
05	TOP SWK	2637+92.72	13.85 RT	894.29	TRACK 2
06	F/L	2637+92.95	22.52 RT	894.16	TRACK 2
07	TOP SWK	2638+06.06	13.57 RT	894.83	TRACK 2
08	F/L	2638+06.11	22.30 RT	894.29	TRACK 2

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

Jan. 19 2016 10:31 am V:\3400_ADC\CAD\00_EAST\plansheets\CIVIL\E2-CIV-ADA-1.dwg By: matt.nelson

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

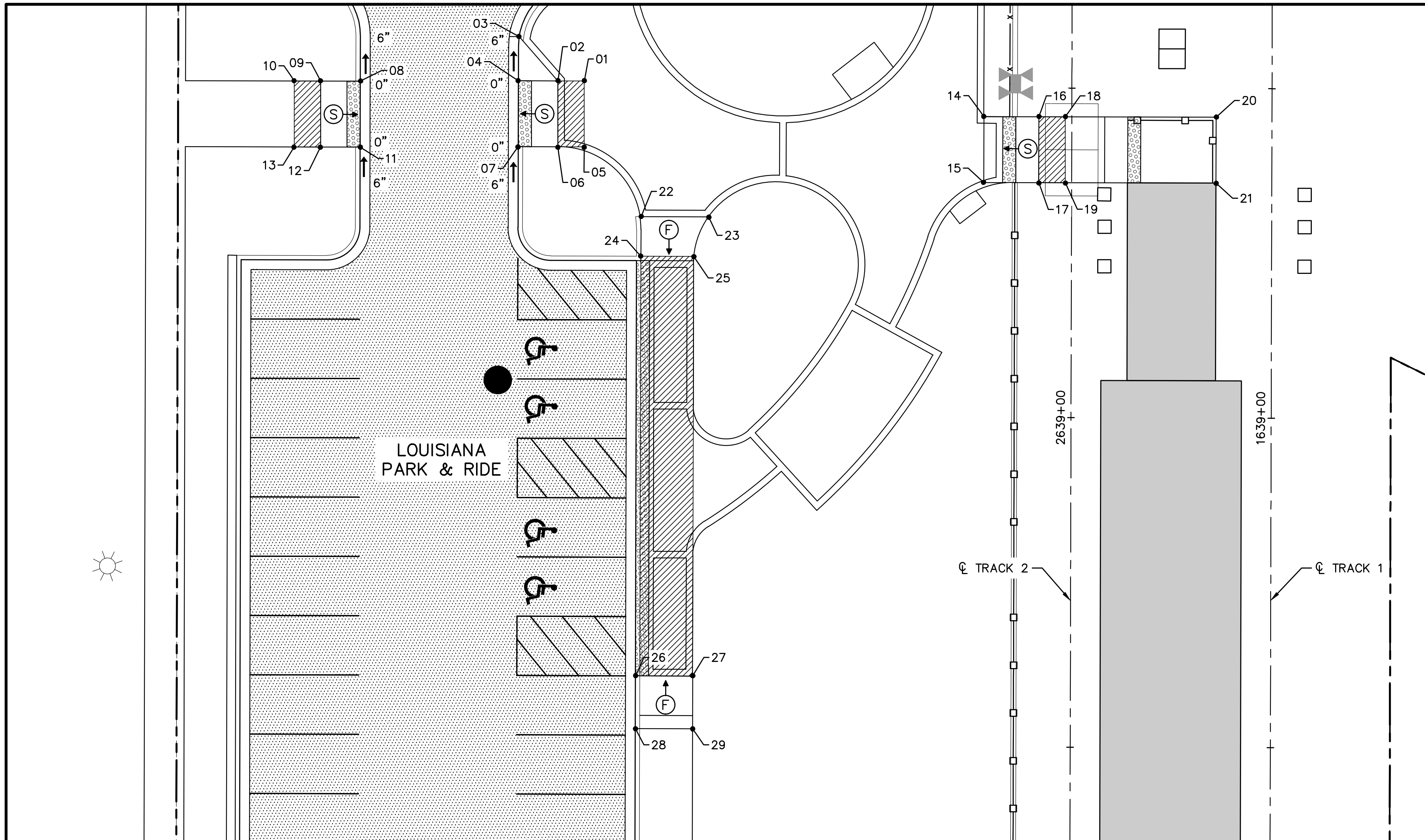
METROPOLITAN COUNCIL

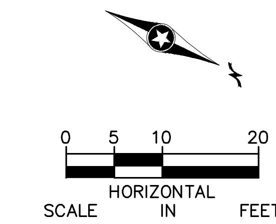
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 44

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-002





LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	2638+49.10	74.00 RT	894.74	TRACK 2
02	LANDING	2638+49.10	78.00 RT	894.72	TRACK 2
03	LANDING	2638+42.43	83.89 RT	894.11	TRACK 2
04	F/L	2638+49.10	84.00 RT	894.22	TRACK 2
05	TOP SWK MATCH	2638+59.10	74.00 RT	894.84	TRACK 2
06	LANDING	2638+59.10	78.00 RT	894.82	TRACK 2
07	F/L	2638+59.10	84.00 RT	894.40	TRACK 2
08	F/L	2638+49.21	108.00 RT	893.90	TRACK 2
09	LANDING	2638+49.21	114.00 RT	894.40	TRACK 2
10	TOP SWK MATCH	2638+49.21	118.00 RT	894.32	TRACK 2

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
11	F/L	2638+59.21	108.00 RT	893.95	TRACK 2
12	LANDING	2638+59.21	114.00 RT	894.45	TRACK 2
13	TOP SWK MATCH	2638+59.21	118.00 RT	894.38	TRACK 2
14	TOP SWK	2638+54.35	13.33 RT	895.14	TRACK 2
15	TOP SWK	2638+64.35	13.33 RT	895.21	TRACK 2
16	LANDING	2638+54.35	5.00 RT	895.67	TRACK 2
17	LANDING	2638+64.35	5.00 RT	895.64	TRACK 2
18	TOP SWK MATCH	2638+54.35	1.00 RT	895.67	TRACK 2
19	TOP SWK MATCH	2638+64.35	0.97 RT	895.64	TRACK 2
20	TOP SWK	2638+54.35	–21.90 LT	895.72	TRACK 2

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
21	TOP SWK	2638+64.35	–21.89 LT	895.69	TRACK 2
22	TOP SWK	2638+69.68	65.33 RT	894.85	TRACK 2
23	TOP SWK	2638+69.68	55.07 RT	894.90	TRACK 2
24	TOP SWK	2638+75.68	65.33 RT	894.59	TRACK 2
25	TOP SWK	2638+75.68	57.33 RT	894.71	TRACK 2
26	TOP SWK	2639+39.35	66.00 RT	893.93	TRACK 2
27	F/L	2639+39.35	57.33 RT	894.06	TRACK 2
28	TOP SWK	2639+47.35	66.00 RT	893.74	TRACK 2
29	F/L	2639+47.35	57.33 RT	894.36	TRACK 2

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

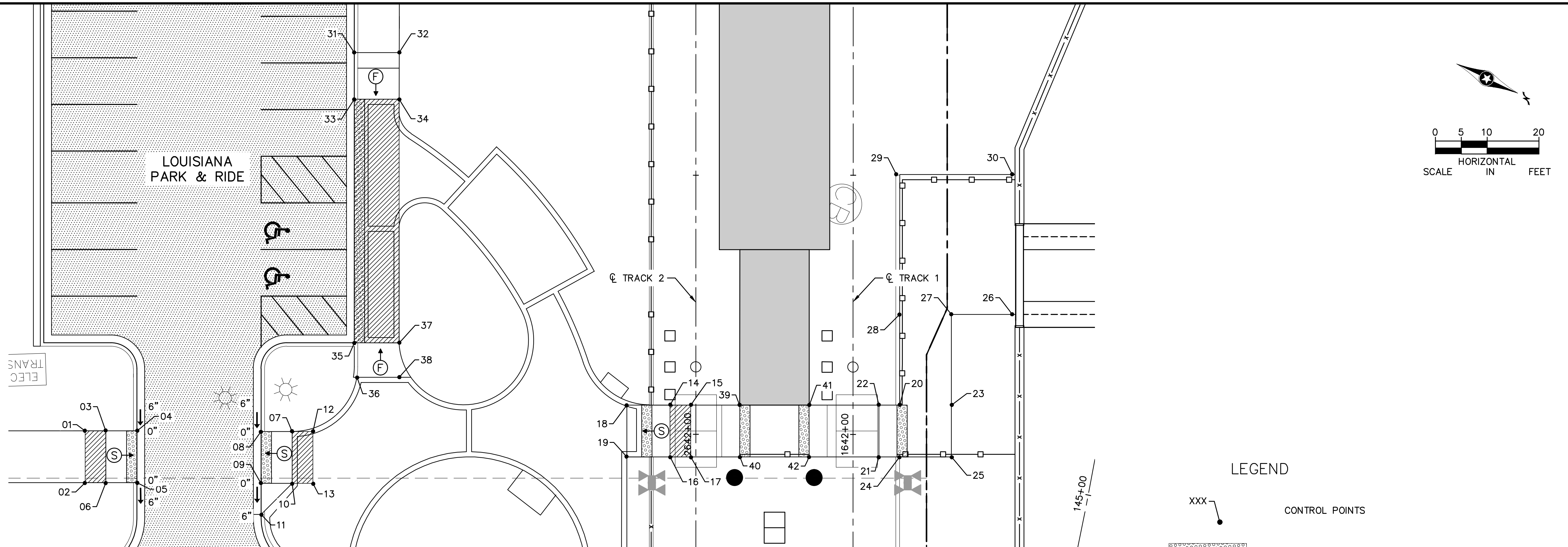
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 45

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-003

Jan. 19 2016 10:33 am V:\3400_ADC\CAD\00_EAST\plansheets\CIVIL\E2-CIV-ADA-1.dwg By: matt.nelson



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	2641+99.35	118.00 RT	893.24	TRACK 2
02	TOP SWK MATCH	2642+09.35	118.00 RT	893.06	TRACK 2
03	LANDING	2641+99.35	114.00 RT	893.37	TRACK 2
04	F/L	2641+99.35	108.00 RT	892.87	TRACK 2
05	F/L	2642+09.35	108.00 RT	892.69	TRACK 2
06	LANDING	2642+09.35	114.00 RT	893.19	TRACK 2
07	LANDING	2641+99.47	78.00 RT	893.42	TRACK 2
08	F/L	2641+99.47	84.00 RT	893.12	TRACK 2
09	F/L	2642+09.47	84.00 RT	892.93	TRACK 2
10	LANDING	2642+09.47	78.00 RT	893.29	TRACK 2
11	F/L	2642+15.47	84.00 RT	892.82	TRACK 2
12	TOP SWK MATCH	2641+99.47	74.00 RT	893.46	TRACK 2
13	TOP SWK MATCH	2642+09.47	74.00 RT	893.35	TRACK 2
14	LANDING	2641+94.35	5.00 RT	894.60	TRACK 2
15	TOP SWK MATCH	2641+94.35	1.00 RT	894.60	TRACK 2
16	LANDING	2642+04.35	5.00 RT	894.57	TRACK 2

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
17	TOP SWK MATCH	2642+04.35	1.00 RT	894.57	TRACK 2
18	TOP SWK	2641+94.35	13.33 RT	893.99	TRACK 2
19	TOP SWK	2642+04.35	13.33 RT	894.03	TRACK 2
20	TOP SWK	2641+94.35	−39.37 LT	894.49	TRACK 2
21	TOP SWK	2642+04.35	−35.37 LT	894.57	TRACK 2
22	TOP SWK	2641+94.35	−35.37 LT	894.60	TRACK 2
23	TOP SWK	2641+94.35	−49.37 LT	894.34	TRACK 2
24	TOP SWK	2642+04.35	−39.38 LT	894.46	TRACK 2
25	TOP SWK	2642+04.35	−49.37 LT	894.40	TRACK 2
26	TOP SWK	2641+76.85	−61.14 LT	894.08	TRACK 2
27	TOP SWK	2641+76.85	−49.37 LT	894.21	TRACK 2
28	TOP SWK	2641+76.85	−39.37 LT	894.32	TRACK 2
29	TOP SWK	2641+49.85	−38.72 LT	894.29	TRACK 2
30	TOP SWK	2641+49.85	−61.14 LT	893.96	TRACK 2
31	TOP SWK MATCH	2641+26.35	66.00 RT	892.64	TRACK 2
32	TOP SWK MATCH	2641+26.35	57.34 RT	893.26	TRACK 2

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
33	TOP SWK	2641+35.35	66.00 RT	892.71	TRACK 2
34	TOP SWK	2641+35.35	57.34 RT	892.84	TRACK 2
35	TOP SWK	2641+82.35	65.97 RT	893.08	TRACK 2
36	TOP SWK MATCH	2641+89.00	65.48 RT	893.40	TRACK 2
37	TOP SWK	2641+82.34	57.33 RT	893.21	TRACK 2
38	TOP SWK MATCH	2641+89.00	57.33 RT	893.48	TRACK 2
39	TOP SWK	2641+94.35	−8.48 LT	894.60	TRACK 2
40	TOP SWK	2642+04.35	−8.48 LT	894.67	TRACK 2
41	TOP SWK	2641+94.35	−21.90 LT	894.60	TRACK 2
42	TOP SWK	2642+04.35	−21.89 LT	894.67	TRACK 2

LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- → DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

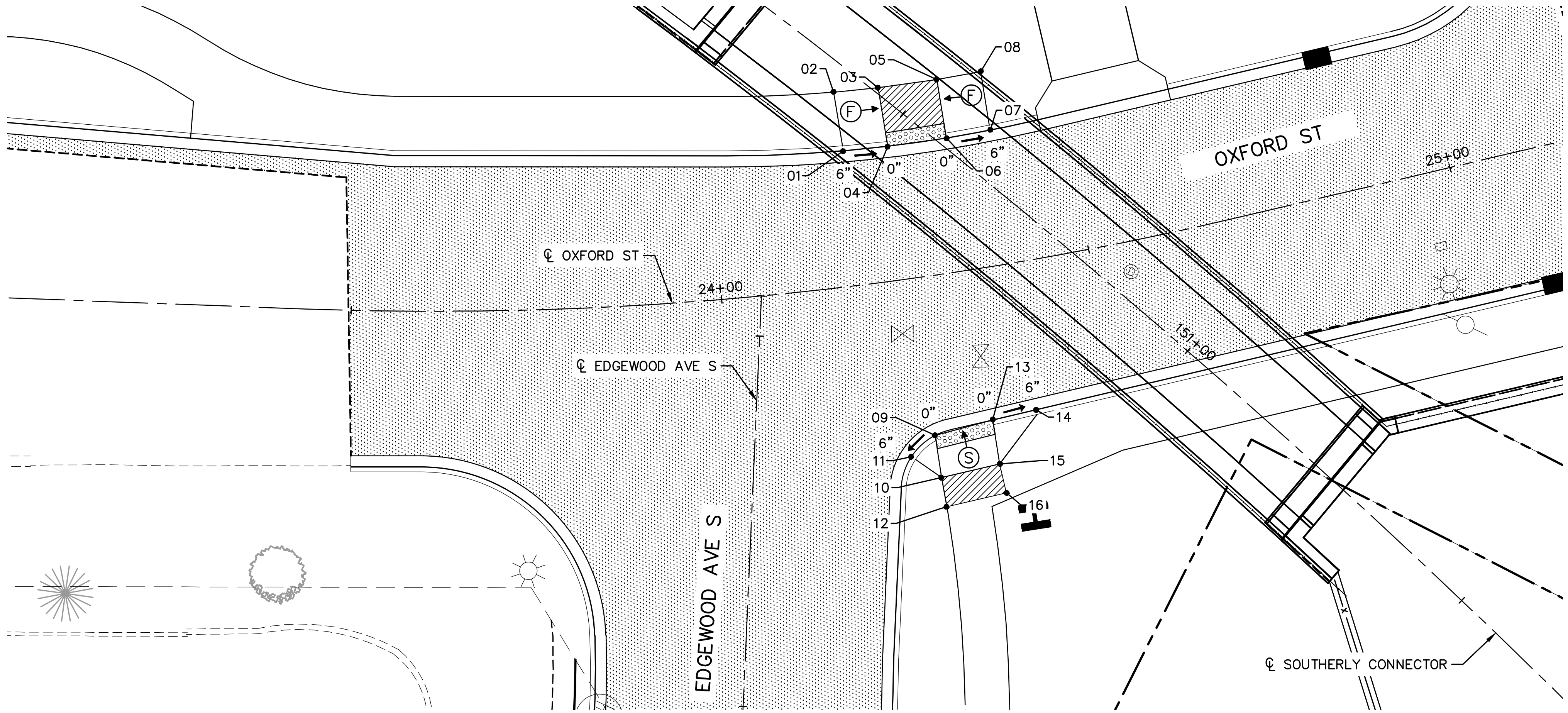
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 46

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-004



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	24+18.76	−18.27 LT	898.78	OXFORD ST
02	TOP SWK MATCH	24+18.42	−26.29 LT	899.38	OXFORD ST
03	LANDING	24+24.79	−26.11 LT	899.01	OXFORD ST
04	F/L	24+25.02	−18.11 LT	898.89	OXFORD ST
05	LANDING	24+33.26	−26.07 LT	899.12	OXFORD ST
06	F/L	24+33.34	−18.07 LT	899.01	OXFORD ST
07	F/L	24+39.58	−18.19 LT	899.16	OXFORD ST
08	TOP SWK	24+39.61	−26.19 LT	899.60	OXFORD ST
09	F/L	24+26.04	21.40 RT	898.70	OXFORD ST
10	LANDING	24+26.13	27.16 RT	899.18	OXFORD ST
11	F/L	24+22.65	23.83 RT	898.56	OXFORD ST
12	LANDING	24+26.28	31.14 RT	899.24	OXFORD ST
13	F/L	24+33.68	20.46 RT	898.87	OXFORD ST
14	F/L	24+39.39	20.03 RT	899.05	OXFORD ST
15	LANDING	24+33.70	26.47 RT	899.29	OXFORD ST
16	LANDING	24+33.99	30.46 RT	899.36	OXFORD ST

0 5 10 20
HORIZONTAL SCALE IN FEET

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

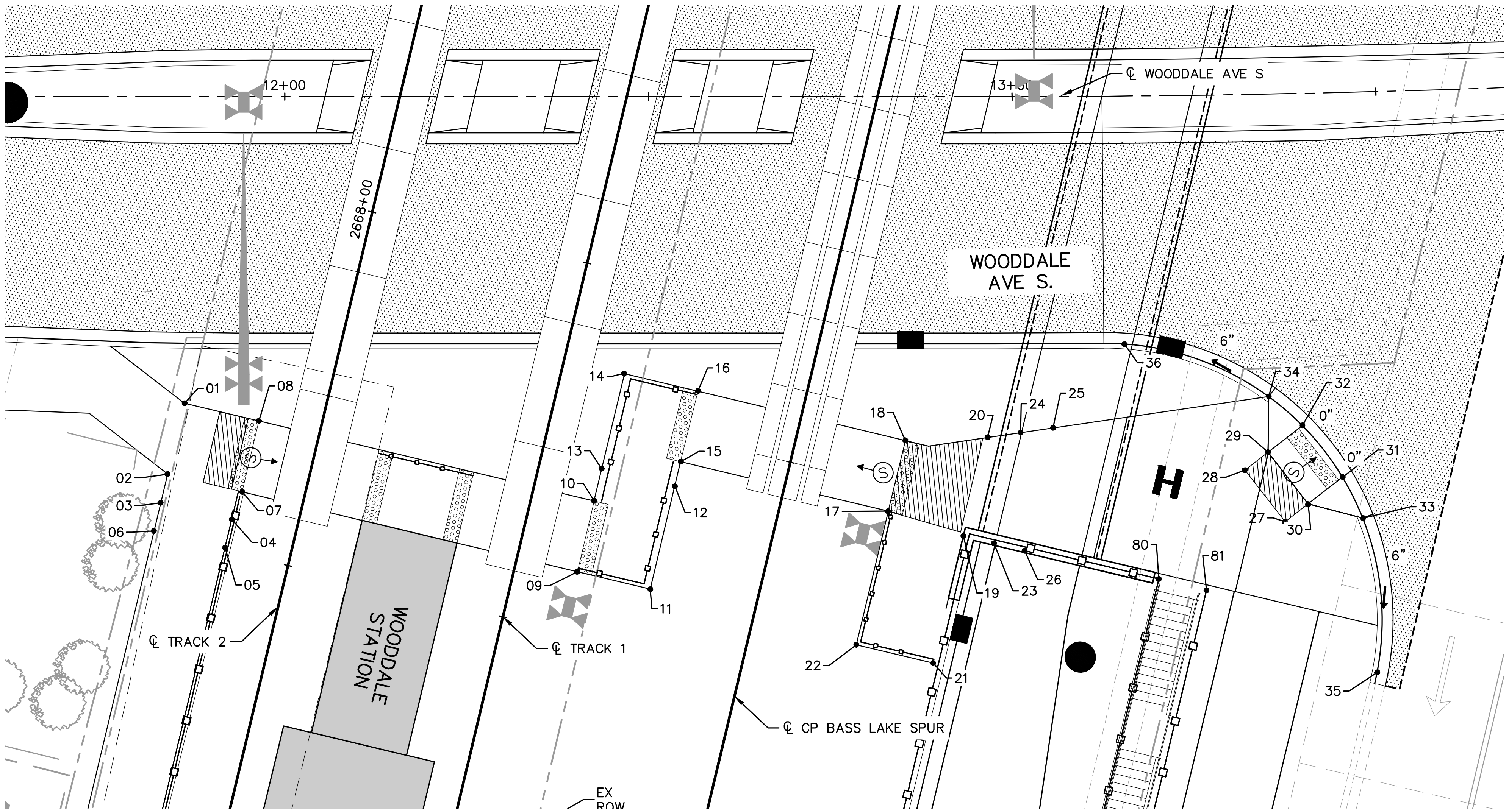
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 47

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-005



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	BOTTOM SLOPE	11+86.23	42.18 RT	916.65	WOODDALE AVE S
02	BOTTOM SLOPE	11+83.91	51.91 RT	916.47	WOODDALE AVE S
03	LANDING	11+82.97	55.84 RT	916.37	WOODDALE AVE S
04	LANDING	11+92.71	58.12 RT	916.07	WOODDALE AVE S
05	LANDING	11+91.79	62.01 RT	915.91	WOODDALE AVE S
06	LANDING	11+82.05	59.73 RT	916.47	WOODDALE AVE S
07	BOTTOM SLOPE	11+94.14	54.34 RT	916.23	WOODDALE AVE S
08	BOTTOM SLOPE	11+96.44	44.61 RT	916.47	WOODDALE AVE S
09	BOTTOM SLOPE	12+40.23	65.33 RT	915.88	WOODDALE AVE S
10	BOTTOM SLOPE	12+42.55	55.61 RT	915.86	WOODDALE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
11	BOTTOM SLOPE	12+50.26	67.72 RT	916.24	WOODDALE AVE S
12	BOTTOM SLOPE	12+53.63	53.56 RT	915.89	WOODDALE AVE S
13	BOTTOM SLOPE	12+43.58	51.16 RT	915.93	WOODDALE AVE S
14	BOTTOM SLOPE	12+46.70	38.09 RT	916.62	WOODDALE AVE S
15	BOTTOM SLOPE	12+54.43	50.21 RT	916.14	WOODDALE AVE S
16	BOTTOM SLOPE	12+56.80	40.50 RT	916.38	WOODDALE AVE S
17	BOTTOM SLOPE	12+82.97	57.01 RT	915.84	WOODDALE AVE S
18	BOTTOM SLOPE	12+85.34	47.30 RT	916.25	WOODDALE AVE S
19	BOTTOM SLOPE	12+93.30	60.41 RT	915.88	WOODDALE AVE S
20	BOTTOM SLOPE	12+96.64	46.88 RT	916.31	WOODDALE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
21	BOTTOM SLOPE	12+89.13	77.89 RT	915.73	WOODDALE AVE S
22	BOTTOM SLOPE	12+78.59	75.38 RT	915.60	WOODDALE AVE S
23	LANDING	12+97.51	61.41 RT	915.91	WOODDALE AVE S
24	LANDING	13+01.08	46.22 RT	916.49	WOODDALE AVE S
25	LANDING	13+05.44	45.58 RT	916.62	WOODDALE AVE S
26	LANDING	13+01.59	62.45 RT	915.89	WOODDALE AVE S
27	LANDING	13+36.41	58.86 RT	917.94	WOODDALE AVE S
28	LANDING	13+31.15	51.66 RT	917.90	WOODDALE AVE S
29	LANDING	13+34.30	49.25 RT	917.84	WOODDALE AVE S
30	LANDING	13+39.52	56.46 RT	917.88	WOODDALE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
31	FLOW LINE	13+44.21	52.88 RT	917.39	WOODDALE AVE S
32	FLOW LINE	13+38.97	45.66 RT	917.34	WOODDALE AVE S
33	LANDING	13+46.80	58.60 RT	917.31	WOODDALE AVE S
34	FLOW LINE	13+34.52	41.59 RT	917.39	WOODDALE AVE S
35	FLOW LINE	13+48.22	79.82 RT	916.89	WOODDALE AVE S
36	FLOW LINE	13+15.12	34.11 RT	917.07	WOODDALE AVE S
80	FLOW LINE	13+19.46	66.49 RT	916.82	WOODDALE AVE S
81	FLOW LINE	13+25.77	68.13 RT	916.96	WOODDALE AVE S

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

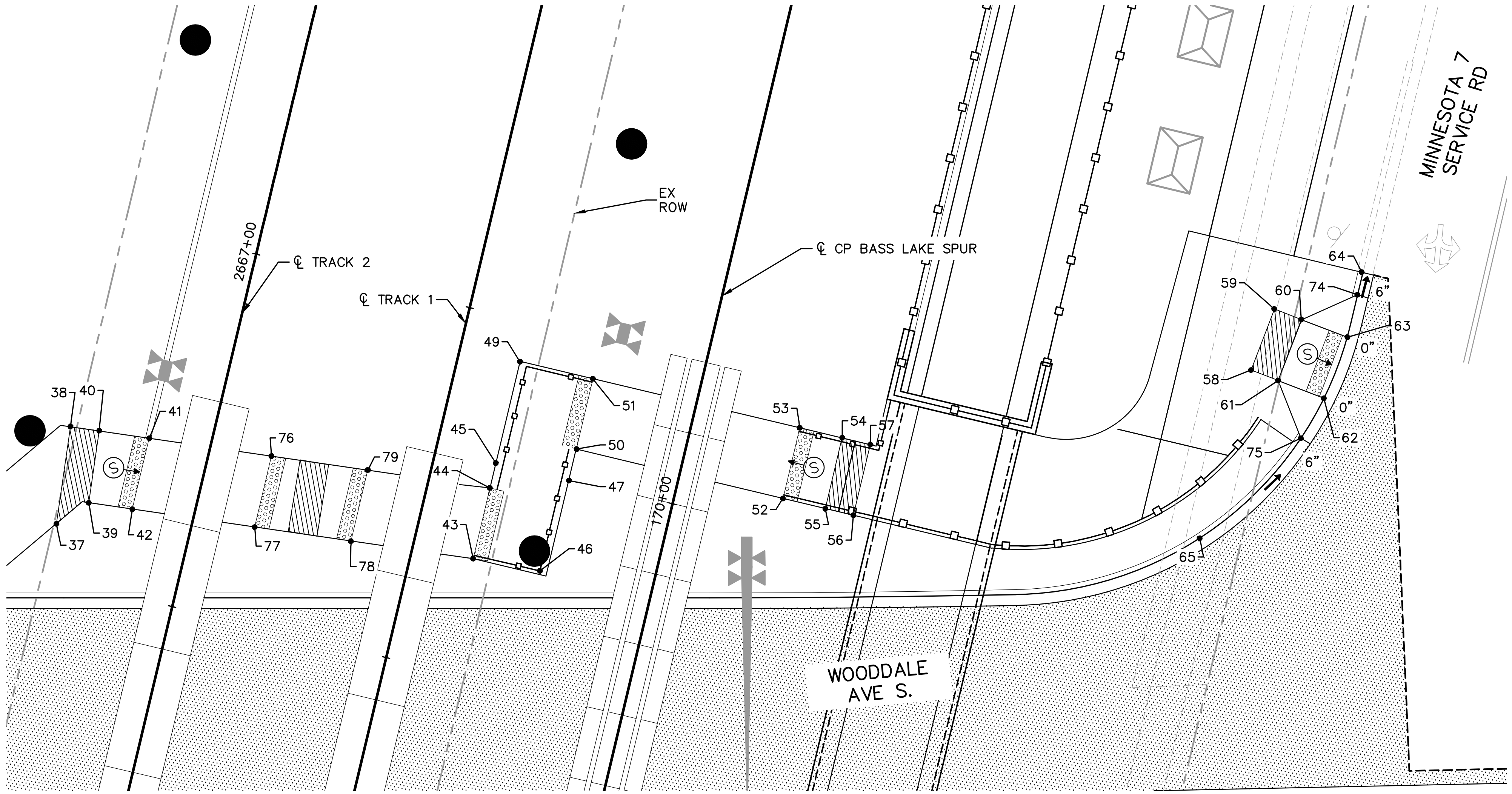
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 48

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-006

Jan, 18 2016 01:54 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-ADA_SPO_1.dwg By: V-MatterEK



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
37	LANDING	12+07.63	–44.25 LT	917.79	WOODDALE AVE S
38	LANDING	12+09.59	–57.62 LT	917.85	WOODDALE AVE S
39	LANDING	12+12.10	–47.14 LT	917.74	WOODDALE AVE S
40	LANDING	12+13.54	–57.04 LT	917.82	WOODDALE AVE S
41	BOTTOM SLOPE	12+20.44	–56.00 LT	917.24	WOODDALE AVE S
42	BOTTOM SLOPE	12+18.12	–46.27 LT	917.23	WOODDALE AVE S
43	BOTTOM SLOPE	12+65.16	–39.39 LT	917.23	WOODDALE AVE S
44	BOTTOM SLOPE	12+67.49	–49.16 LT	917.25	WOODDALE AVE S
45	BOTTOM SLOPE	12+68.31	–52.59 LT	917.28	WOODDALE AVE S
46	BOTTOM SLOPE	12+74.36	–37.72 LT	917.30	WOODDALE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
47	BOTTOM SLOPE	12+78.36	–50.20 LT	917.35	WOODDALE AVE S
49	BOTTOM SLOPE	12+71.64	–66.58 LT	917.38	WOODDALE AVE S
50	BOTTOM SLOPE	12+79.43	–54.53 LT	917.37	WOODDALE AVE S
51	BOTTOM SLOPE	12+81.67	–64.25 LT	917.38	WOODDALE AVE S
52	BOTTOM SLOPE	13+08.18	–47.70 LT	917.37	WOODDALE AVE S
53	BOTTOM SLOPE	13+10.62	–57.42 LT	917.38	WOODDALE AVE S
54	LANDING	13+16.61	–55.98 LT	917.88	WOODDALE AVE S
55	LANDING	13+14.14	–46.27 LT	917.73	WOODDALE AVE S
56	LANDING	13+18.12	–45.31 LT	917.71	WOODDALE AVE S
57	LANDING	13+20.60	–55.01 LT	917.86	WOODDALE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
58	LANDING	13+74.97	–64.00 LT	917.83	WOODDALE AVE S
59	LANDING	13+78.49	–72.29 LT	917.87	WOODDALE AVE S
60	LANDING	13+82.15	–70.67 LT	917.81	WOODDALE AVE S
61	LANDING	13+78.65	–62.42 LT	917.77	WOODDALE AVE S
62	FLOW LINE	13+84.83	–59.74 LT	917.21	WOODDALE AVE S
63	FLOW LINE	13+88.38	–68.01 LT	917.25	WOODDALE AVE S
64	FLOW LINE	13+90.73	–76.90 LT	917.11	WOODDALE AVE S
65	FLOW LINE	13+66.87	–41.07 LT	918.06	WOODDALE AVE S
74	FLOW LINE	13+90.04	–73.82 LT	917.10	WOODDALE AVE S
75	FLOW LINE	13+81.49	–54.35 LT	917.73	WOODDALE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
76	BOTTOM SLOPE	12+37.31	–53.53 LT	917.24	WOODDALE AVE S
77	BOTTOM SLOPE	12+35.00	–43.80 LT	917.23	WOODDALE AVE S
78	BOTTOM SLOPE	12+48.29	–41.86 LT	917.23	WOODDALE AVE S
79	BOTTOM SLOPE	12+50.61	–51.63 LT	917.24	WOODDALE AVE S

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

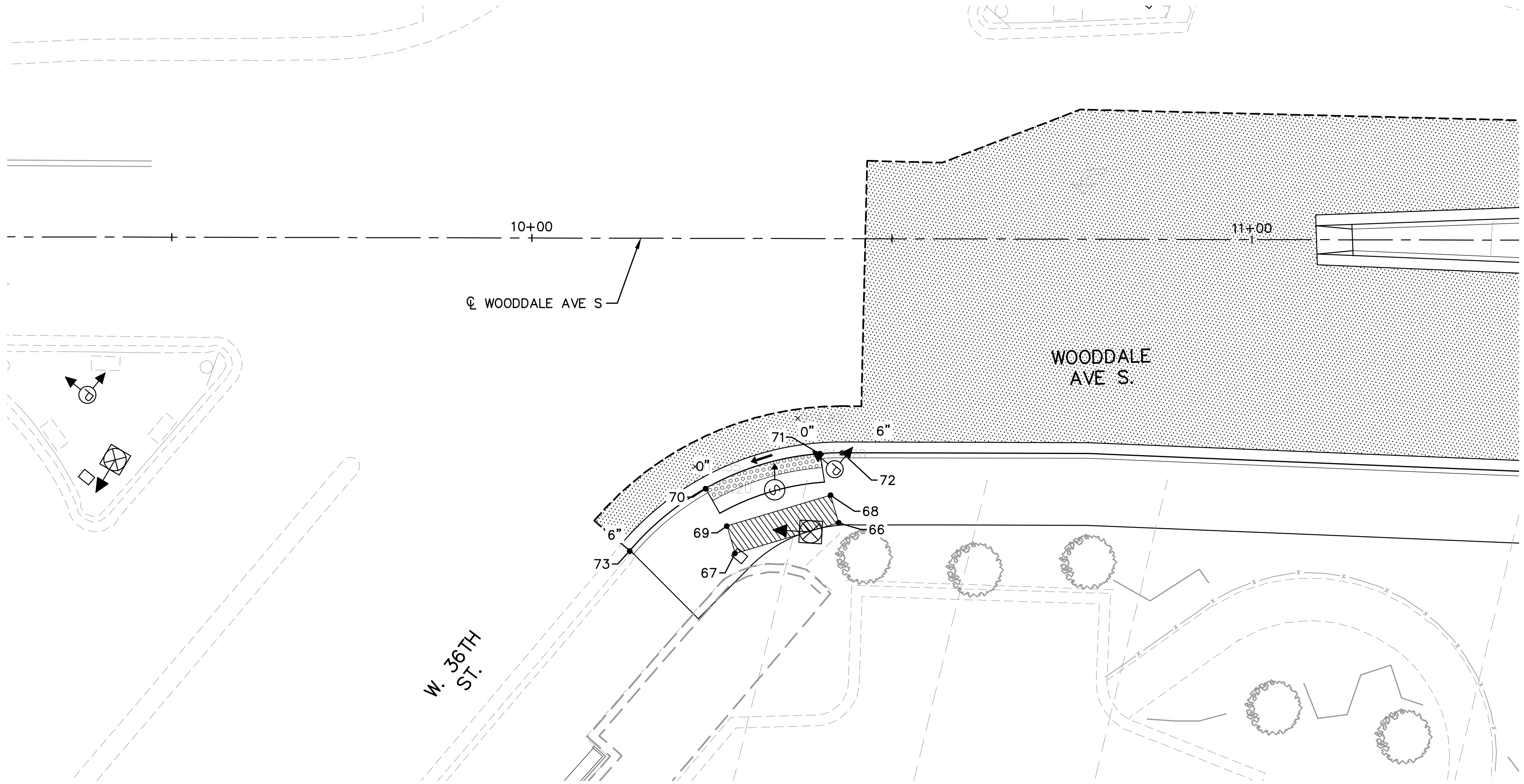
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 49

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-007



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
66	LANDING	10+42.66	39.49 RT	915.23	WOODDALE AVE S
67	LANDING	10+28.33	43.78 RT	915.00	WOODDALE AVE S
68	LANDING	10+41.54	35.66 RT	915.17	WOODDALE AVE S
69	LANDING	10+27.18	39.98 RT	914.95	WOODDALE AVE S
70	BOTTOM SLOPE	10+24.24	34.79 RT	914.45	WOODDALE AVE S
71	BOTTOM SLOPE	10+40.08	29.92 RT	914.70	WOODDALE AVE S
72	FLOW LINE	10+43.15	29.78 RT	915.21	WOODDALE AVE S
73	FLOW LINE	10+13.71	43.48 RT	913.91	WOODDALE AVE S

Jan, 18 2016 01:55 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-ADA_SPO_1.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

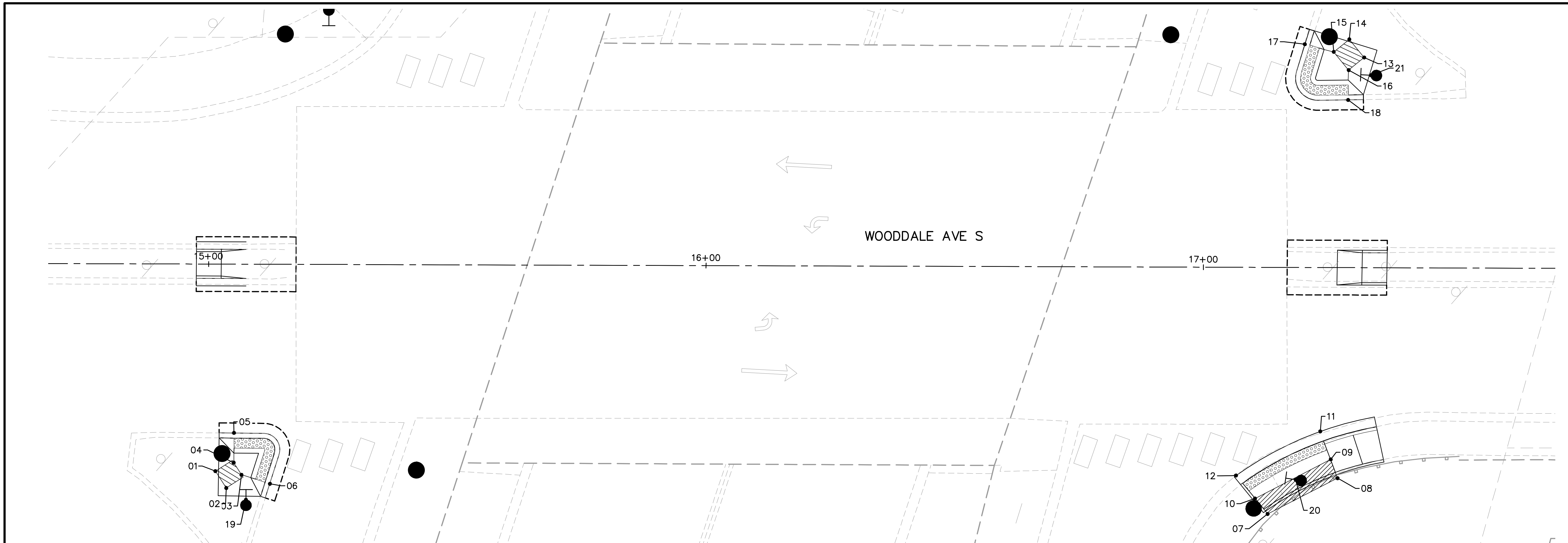
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 50

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-008



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	LANDING	15+01.52	41.63 RT	920.91	WOODDALE AVE S
02	LANDING	15+03.70	44.98 RT	920.81	WOODDALE AVE S
03	LANDING	15+06.75	42.32 RT	920.93	WOODDALE AVE S
04	LANDING	15+05.19	39.92 RT	921.01	WOODDALE AVE S
05	FLOW LINE	15+05.21	33.94 RT	920.76	WOODDALE AVE S
06	FLOW LINE	15+12.44	44.13 RT	920.70	WOODDALE AVE S
07	LANDING	17+13.06	49.56 RT	919.61	WOODDALE AVE S
08	LANDING	17+27.06	42.33 RT	918.75	WOODDALE AVE S
09	LANDING	17+25.68	38.57 RT	918.64	WOODDALE AVE S

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
10	LANDING	17+10.52	46.47 RT	919.27	WOODDALE AVE S
11	FLOW LINE	17+23.57	32.96 RT	918.29	WOODDALE AVE S
12	FLOW LINE	17+06.69	41.86 RT	918.88	WOODDALE AVE S
13	LANDING	17+32.15	−42.26 LT	918.46	WOODDALE AVE S
14	LANDING	17+29.16	−45.88 LT	918.63	WOODDALE AVE S
15	LANDING	17+26.06	−43.34 LT	918.79	WOODDALE AVE S
16	LANDING	17+29.04	−39.72 LT	918.62	WOODDALE AVE S
17	FLOW LINE	17+20.26	−44.88 LT	918.41	WOODDALE AVE S
18	FLOW LINE	17+28.95	−33.72 LT	918.18	WOODDALE AVE S

LEGEND

XXX CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

PEDESTRIAN PUSH BUTTON STATIONS					
POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
19	15+07.66	47.33 RT	WOODDALE AVE S	5.00	4.50
20	17+18.66	42.66 RT	WOODDALE AVE S	0.41	3.53
21	17+33.52	−38.69 LT	WOODDALE AVE S	4.62	3.83

0 5 10 20
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

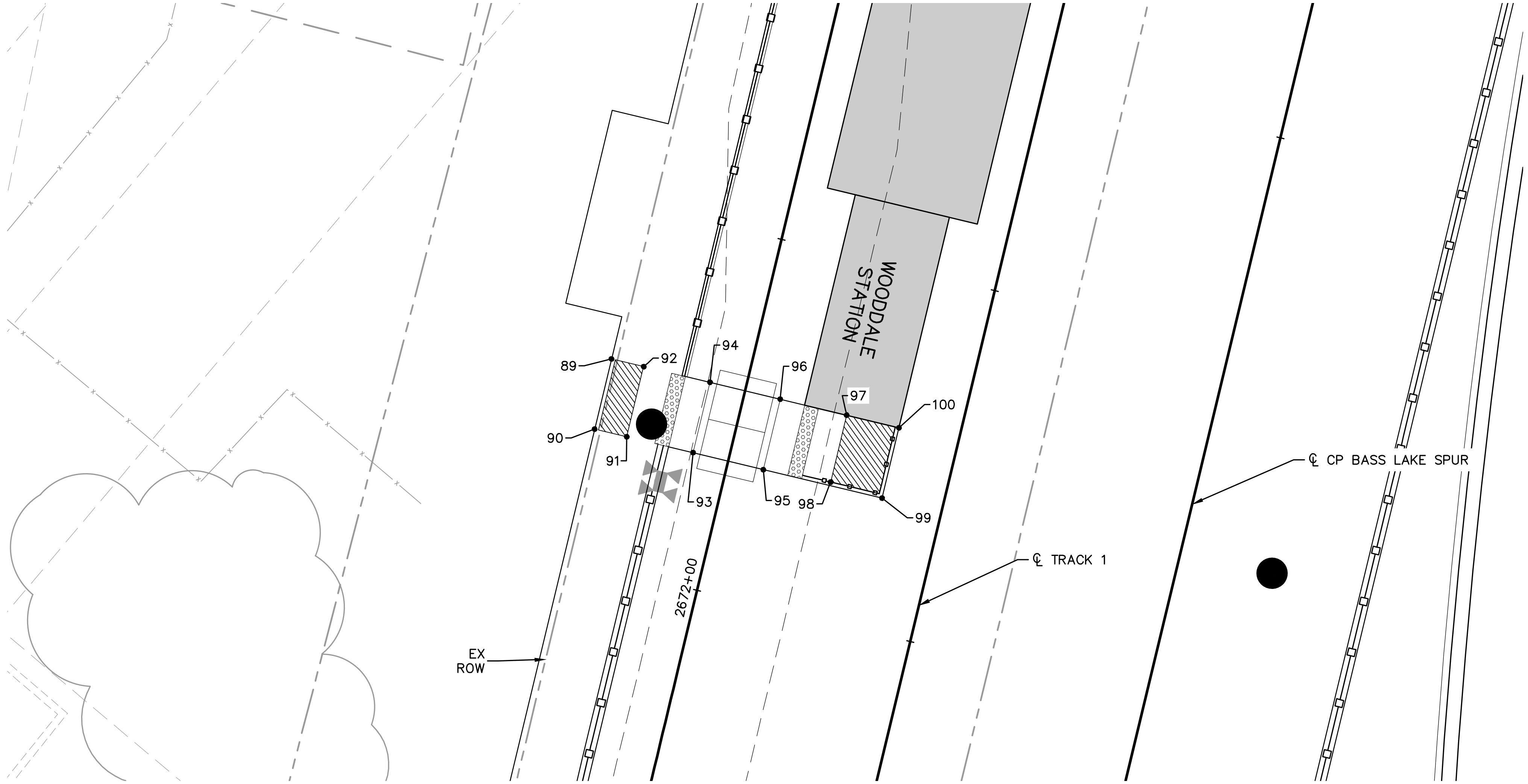
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 51

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-009



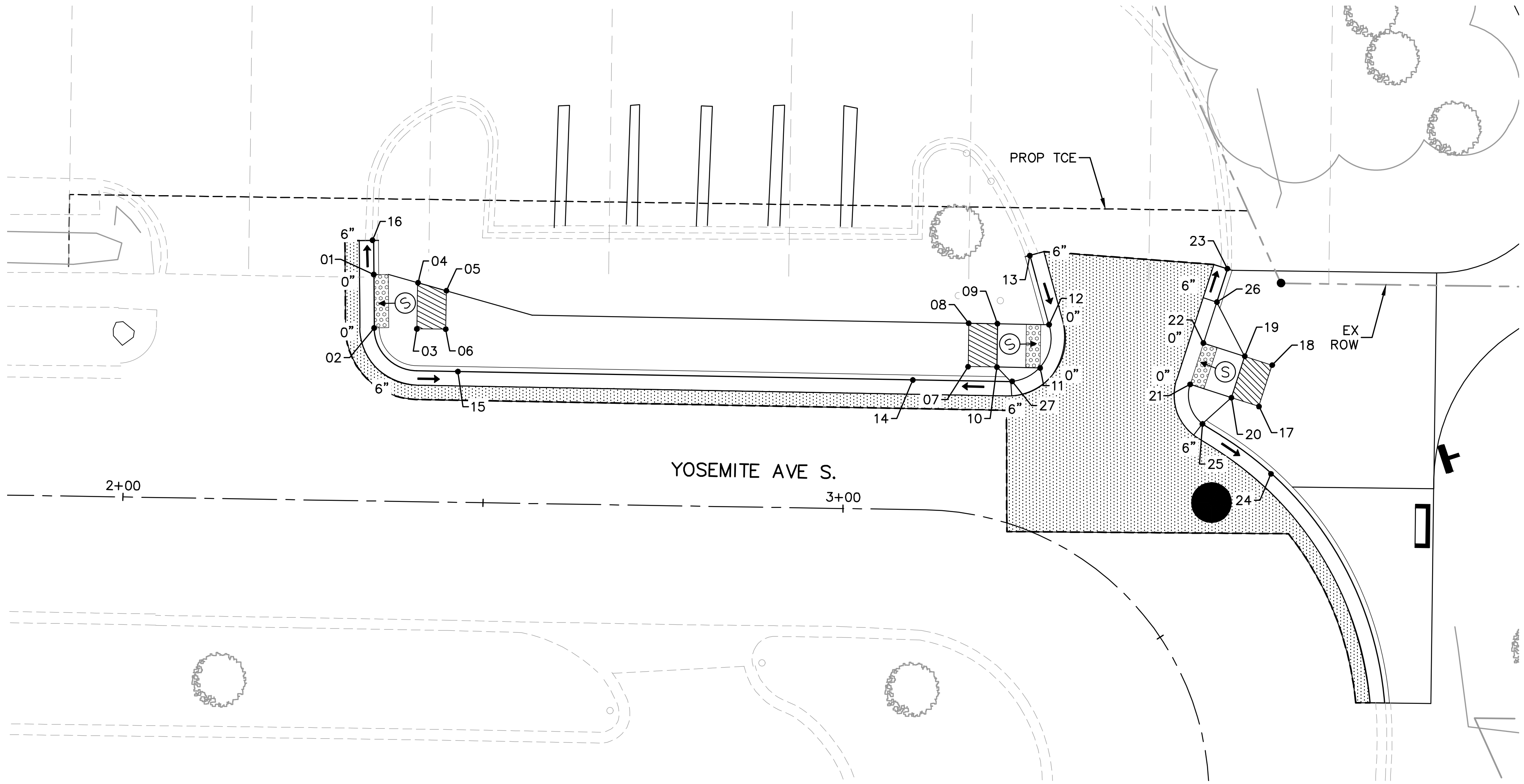
LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
89	LANDING	2671+71.60	19.00 RT	916.48	EB–TRK–E2
90	LANDING	2671+81.60	19.00 RT	916.47	EB–TRK–E2
91	LANDING	2671+81.58	14.45 RT	916.54	EB–TRK–E2
92	LANDING	2671+71.63	14.45 RT	916.55	EB–TRK–E2
93	BOTTOM SLOPE	2671+81.57	5.01 RT	916.55	EB–TRK–E2
94	BOTTOM SLOPE	2671+71.60	5.00 RT	916.56	EB–TRK–E2
95	BOTTOM SLOPE	2671+81.60	–5.00 LT	916.55	EB–TRK–E2
96	BOTTOM SLOPE	2671+71.60	–5.00 LT	916.56	EB–TRK–E2
97	LANDING	2671+71.60	–14.47 LT	916.55	EB–TRK–E2
98	LANDING	2671+81.10	–14.47 LT	916.55	EB–TRK–E2
99	LANDING	2671+81.60	–21.90 LT	916.55	EB–TRK–E2
100	LANDING	2671+71.60	–21.90 LT	916.55	EB–TRK–E2



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

SCALE IN FEET: 0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	FLOW LINE	2+34.35	–31.47 LT	902.84	YOSEMITE AVE S
02	FLOW LINE	2+34.52	–24.08 LT	902.88	YOSEMITE AVE S
03	LANDING	2+40.43	–24.04 LT	903.37	YOSEMITE AVE S
04	LANDING	2+40.49	–30.42 LT	903.45	YOSEMITE AVE S
05	LANDING	2+44.43	–29.37 LT	903.43	YOSEMITE AVE S
06	LANDING	2+44.43	–24.06 LT	903.35	YOSEMITE AVE S
07	LANDING	3+15.18	–20.27 LT	901.58	YOSEMITE AVE S
08	LANDING	3+14.84	–26.25 LT	901.61	YOSEMITE AVE S
09	LANDING	3+17.22	–26.71 LT	901.63	YOSEMITE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
10	LANDING	3+17.81	–20.78 LT	901.60	YOSEMITE AVE S
11	FLOW LINE	3+21.62	–21.99 LT	901.10	YOSEMITE AVE S
12	FLOW LINE	3+21.38	–28.09 LT	901.13	YOSEMITE AVE S
13	FLOW LINE	3+18.75	–36.87 LT	901.38	YOSEMITE AVE S
14	FLOW LINE	3+09.42	–18.05 LT	900.62	YOSEMITE AVE S
15	FLOW LINE	2+46.21	–18.20 LT	901.39	YOSEMITE AVE S
16	FLOW LINE	2+34.05	–36.22 LT	903.32	YOSEMITE AVE S
17	LANDING	3+39.29	–31.82 LT	901.52	YOSEMITE AVE S
18	LANDING	3+38.09	–37.38 LT	901.49	YOSEMITE AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
19	LANDING	3+36.12	–36.03 LT	901.43	YOSEMITE AVE S
20	LANDING	3+37.20	–30.36 LT	901.46	YOSEMITE AVE S
21	FLOW LINE	3+33.90	–28.55 LT	900.96	YOSEMITE AVE S
22	FLOW LINE	3+33.06	–34.35 LT	900.93	YOSEMITE AVE S
23	FLOW LINE	3+31.82	–44.93 LT	901.54	YOSEMITE AVE S
24	FLOW LINE	3+43.77	–26.26 LT	900.62	YOSEMITE AVE S
25	FLOW LINE	3+36.62	–25.03 LT	900.70	YOSEMITE AVE S
26	FLOW LINE	3+32.33	–40.19 LT	901.36	YOSEMITE AVE S
27	FLOW LINE	3+19.43	–19.25 LT	900.50	YOSEMITE AVE S

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

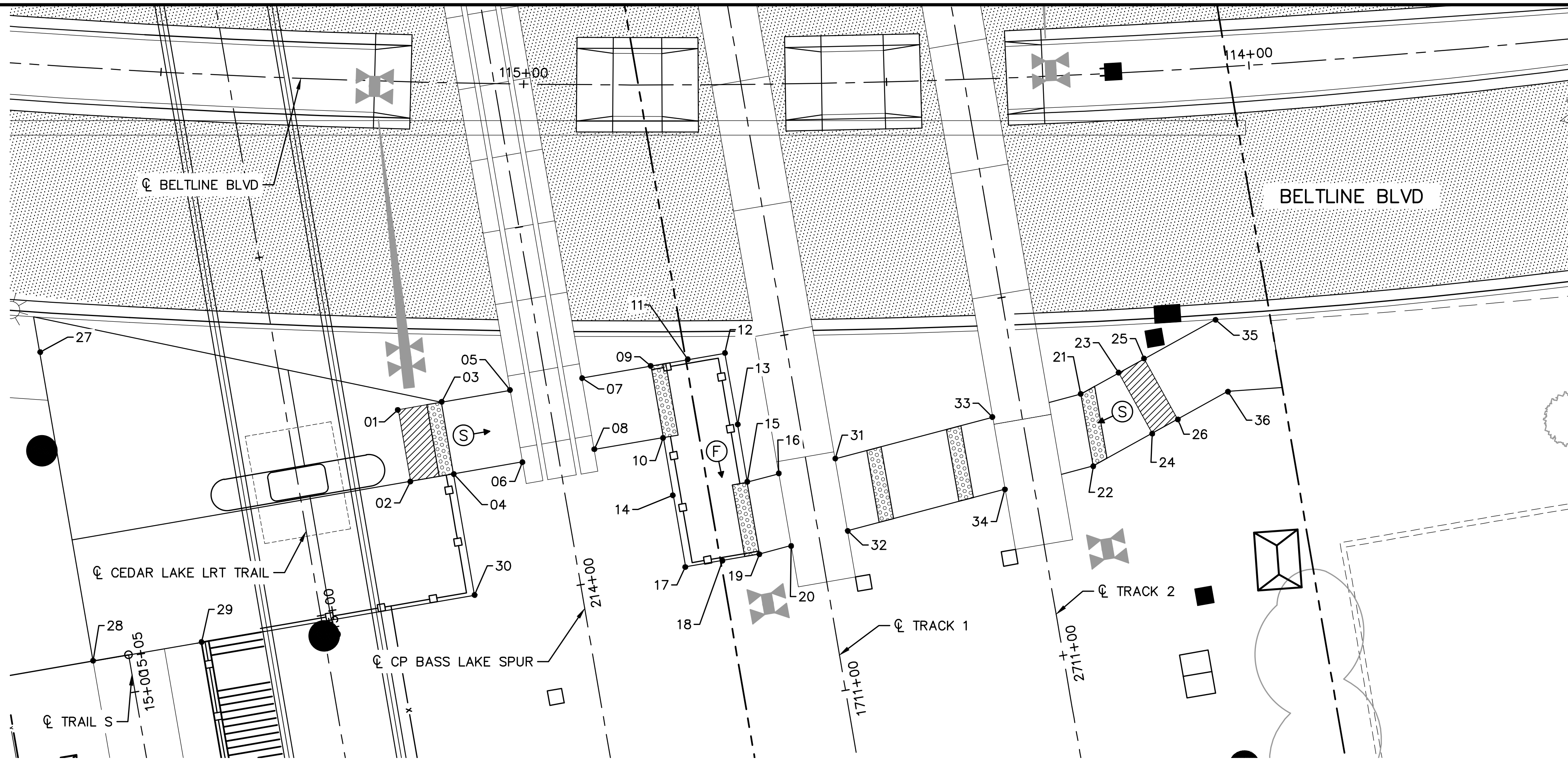
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 53

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-011



HORIZONTAL SCALE IN FEET: 0 5 10 20

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	115+16.11	-45.17 LT	889.73	BELTLINE BLVD
02	TOP SWK MATCH	115+14.24	-54.98 LT	889.77	BELTLINE BLVD
03	LANDING	115+10.38	-44.00 LT	889.70	BELTLINE BLVD
04	LANDING	115+08.59	-53.83 LT	889.80	BELTLINE BLVD
05	TOP SWK	115+01.24	-42.19 LT	889.09	BELTLINE BLVD
06	TOP SWK	114+99.47	-52.02 LT	889.17	BELTLINE BLVD
07	TOP SWK	114+91.71	-40.39 LT	889.09	BELTLINE BLVD
08	TOP SWK	114+90.01	-50.23 LT	889.17	BELTLINE BLVD
09	TOP SWK	114+82.48	-38.71 LT	889.54	BELTLINE BLVD
10	TOP SWK	114+80.84	-48.57 LT	889.62	BELTLINE BLVD
11	TOP SWK	114+77.51	-37.84 LT	889.62	BELTLINE BLVD
12	TOP SWK	114+72.58	-37.00 LT	889.70	BELTLINE BLVD
13	TOP SWK	114+70.96	-46.86 LT	889.78	BELTLINE BLVD
14	TOP SWK	114+79.55	-56.49 LT	889.26	BELTLINE BLVD
15	TOP SWK	114+69.77	-54.76 LT	889.41	BELTLINE BLVD
16	TOP SWK	114+65.59	-53.67 LT	889.19	BELTLINE BLVD
17	TOP SWK	114+77.96	-66.35 LT	889.34	BELTLINE BLVD
18	TOP SWK	114+73.09	-65.50 LT	889.42	BELTLINE BLVD

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
19	TOP SWK	114+68.24	-64.67 LT	889.49	BELTLINE BLVD
20	TOP SWK	114+64.09	-63.58 LT	889.27	BELTLINE BLVD
21	TOP SWK	114+25.21	-43.96 LT	889.26	BELTLINE BLVD
22	TOP SWK	114+24.00	-53.88 LT	889.33	BELTLINE BLVD
23	LANDING	114+20.01	-41.27 LT	889.76	BELTLINE BLVD
24	LANDING	114+15.99	-49.79 LT	889.88	BELTLINE BLVD
25	TOP SWK MATCH	114+16.53	-39.51 LT	889.84	BELTLINE BLVD
26	TOP SWK MATCH	114+12.53	-48.04 LT	889.96	BELTLINE BLVD
27	TOP SWK	115+64.21	-39.51 LT	889.97	BELTLINE BLVD
28	TOP SWK	115+54.77	-81.52 LT	890.01	BELTLINE BLVD
29	TOP SWK	115+40.85	-78.18 LT	889.94	BELTLINE BLVD
30	TOP SWK	115+05.54	-70.50 LT	890.09	BELTLINE BLVD
31	TOP SWK	114+58.10	-51.75 LT	889.19	BELTLINE BLVD
32	TOP SWK	114+56.66	-61.67 LT	889.26	BELTLINE BLVD
33	TOP SWK	114+37.05	-46.63 LT	889.18	BELTLINE BLVD
34	TOP SWK	114+35.76	-56.57 LT	889.25	BELTLINE BLVD
35	TOP SWK	114+06.75	-34.65 LT	890.34	BELTLINE BLVD
36	TOP SWK	114+05.66	-44.63 LT	890.36	BELTLINE BLVD

LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- S — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- F — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 54

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-012

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK	115+31.47	58.82 RT	887.96	BELTLINE BLVD
02	TOP SWK	115+29.32	49.04 RT	888.10	BELTLINE BLVD
03	TOP SWK	115+21.54	60.80 RT	888.39	BELTLINE BLVD
04	TOP SWK	115+19.45	51.00 RT	888.45	BELTLINE BLVD
05	TOP SWK	115+11.24	62.77 RT	888.39	BELTLINE BLVD
06	TOP SWK	115+09.23	52.96 RT	888.45	BELTLINE BLVD
07	TOP SWK	115+01.24	64.60 RT	888.39	BELTLINE BLVD
08	TOP SWK	114+99.31	54.76 RT	888.45	BELTLINE BLVD
09	TOP SWK	114+96.15	65.49 RT	888.34	BELTLINE BLVD
10	TOP SWK	114+91.04	66.37 RT	888.30	BELTLINE BLVD
11	TOP SWK	114+89.20	56.52 RT	888.36	BELTLINE BLVD
12	TOP SWK	114+97.79	46.85 RT	888.57	BELTLINE BLVD
13	TOP SWK	114+87.73	48.59 RT	888.48	BELTLINE BLVD
14	TOP SWK	114+82.53	49.02 RT	888.43	BELTLINE BLVD
15	TOP SWK	114+95.91	37.00 RT	888.72	BELTLINE BLVD
16	TOP SWK	114+90.92	37.88 RT	888.65	BELTLINE BLVD
17	TOP SWK	114+85.94	38.74 RT	888.57	BELTLINE BLVD
18	TOP SWK	114+80.78	39.12 RT	888.50	BELTLINE BLVD

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
19	TOP SWK	114+42.51	51.59 RT	888.45	BELTLINE BLVD
20	TOP SWK	114+41.07	41.67 RT	888.53	BELTLINE BLVD
21	TOP SWK	114+22.95	53.48 RT	889.01	BELTLINE BLVD
22	TOP SWK	114+21.32	42.49 RT	889.10	BELTLINE BLVD
23	TOP SWK	114+74.20	49.66 RT	888.43	BELTLINE BLVD
24	TOP SWK	114+72.51	39.75 RT	888.51	BELTLINE BLVD
25	TOP SWK	114+69.52	50.00 RT	888.43	BELTLINE BLVD
26	TOP SWK	114+67.86	40.09 RT	888.51	BELTLINE BLVD
27	TOP SWK	114+55.58	50.90 RT	888.45	BELTLINE BLVD
28	TOP SWK	114+54.09	41.00 RT	888.52	BELTLINE BLVD
29	TOP SWK	114+50.87	51.16 RT	888.45	BELTLINE BLVD
30	TOP SWK	114+49.36	41.24 RT	888.52	BELTLINE BLVD

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

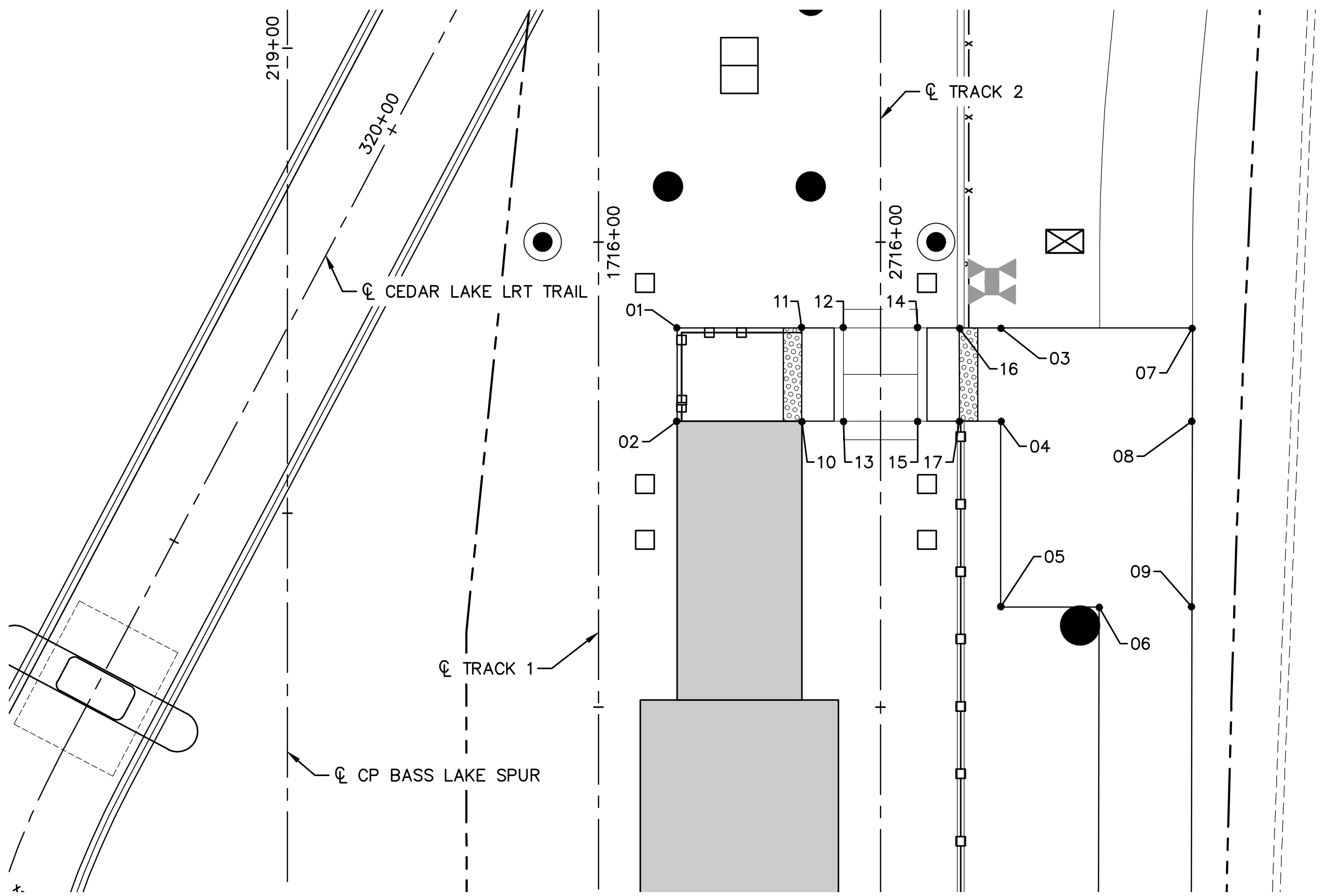
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 55

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-013



0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK	2715+90.77	−21.90 LT	885.81	TRACK 2
02	TOP SWK	2715+80.77	−21.90 LT	885.88	TRACK 2
03	TOP SWK	2715+90.77	12.92 RT	885.81	TRACK 2
04	TOP SWK	2715+80.77	12.95 RT	885.88	TRACK 2
05	TOP SWK	2715+60.77	12.91 RT	886.05	TRACK 2
06	TOP SWK	2715+60.76	23.52 RT	886.16	TRACK 2
07	TOP SWK	2715+90.77	33.58 RT	886.02	TRACK 2
08	TOP SWK	2715+80.77	33.56 RT	886.12	TRACK 2
09	TOP SWK	2715+60.76	33.51 RT	886.31	TRACK 2
10	TOP SWK	2715+80.77	−8.48 LT	885.88	TRACK 2
11	TOP SWK	2715+90.77	−8.48 LT	885.81	TRACK 2
12	TOP SWK	2715+90.77	−4.00 LT	885.81	TRACK 2
13	TOP SWK	2715+80.77	−4.00 LT	885.88	TRACK 2
14	TOP SWK	2715+90.77	4.00 RT	885.81	TRACK 2
15	TOP SWK	2715+80.77	4.00 RT	885.88	TRACK 2
16	TOP SWK	2715+90.77	8.48 RT	885.81	TRACK 2
17	TOP SWK	2715+80.77	8.50 RT	885.88	TRACK 2

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

Jan, 19 2016 10:46 am V:\3400_ADC\CAD\00_EAST\plansheets\CIVIL\E2-CIV-ADA-2.dwg By: matt.nelson

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

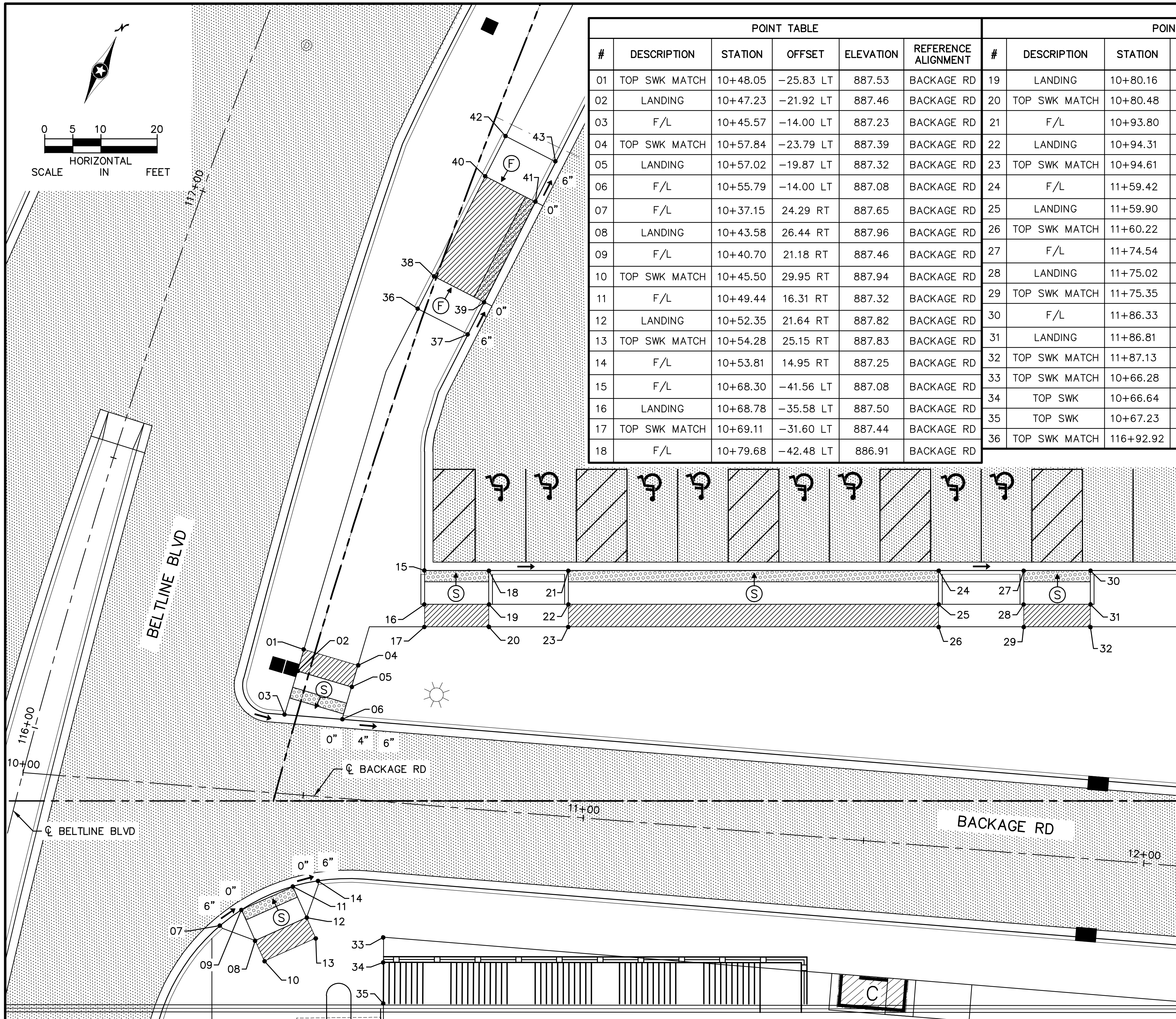
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 56

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-014



#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	10+48.05	−25.83 LT	887.53	BACKAGE RD
02	LANDING	10+47.23	−21.92 LT	887.46	BACKAGE RD
03	F/L	10+45.57	−14.00 LT	887.23	BACKAGE RD
04	TOP SWK MATCH	10+57.84	−23.79 LT	887.39	BACKAGE RD
05	LANDING	10+57.02	−19.87 LT	887.32	BACKAGE RD
06	F/L	10+55.79	−14.00 LT	887.08	BACKAGE RD
07	F/L	10+37.15	24.29 RT	887.65	BACKAGE RD
08	LANDING	10+43.58	26.44 RT	887.96	BACKAGE RD
09	F/L	10+40.70	21.18 RT	887.46	BACKAGE RD
10	TOP SWK MATCH	10+45.50	29.95 RT	887.94	BACKAGE RD
11	F/L	10+49.44	16.31 RT	887.32	BACKAGE RD
12	LANDING	10+52.35	21.64 RT	887.82	BACKAGE RD
13	TOP SWK MATCH	10+54.28	25.15 RT	887.83	BACKAGE RD
14	F/L	10+53.81	14.95 RT	887.25	BACKAGE RD
15	F/L	10+68.30	−41.56 LT	887.08	BACKAGE RD
16	LANDING	10+68.78	−35.58 LT	887.50	BACKAGE RD
17	TOP SWK MATCH	10+69.11	−31.60 LT	887.44	BACKAGE RD
18	F/L	10+79.68	−42.48 LT	886.91	BACKAGE RD
19	LANDING	10+80.16	−36.50 LT	887.35	BACKAGE RD
20	TOP SWK MATCH	10+80.48	−32.52 LT	887.31	BACKAGE RD
21	F/L	10+93.80	−43.63 LT	886.69	BACKAGE RD
22	LANDING	10+94.31	−37.65 LT	887.17	BACKAGE RD
23	TOP SWK MATCH	10+94.61	−33.66 LT	887.15	BACKAGE RD
24	F/L	11+59.42	−48.94 LT	885.69	BACKAGE RD
25	LANDING	11+59.90	−42.96 LT	886.21	BACKAGE RD
26	TOP SWK MATCH	11+60.22	−38.97 LT	886.24	BACKAGE RD
27	F/L	11+74.54	−50.16 LT	885.46	BACKAGE RD
28	LANDING	11+75.02	−44.18 LT	885.98	BACKAGE RD
29	TOP SWK MATCH	11+75.35	−40.20 LT	886.02	BACKAGE RD
30	F/L	11+86.33	−51.12 LT	885.28	BACKAGE RD
31	LANDING	11+86.81	−45.14 LT	885.80	BACKAGE RD
32	TOP SWK MATCH	11+87.13	−41.15 LT	885.84	BACKAGE RD
33	TOP SWK MATCH	10+66.28	24.02 RT	887.70	BACKAGE RD
34	TOP SWK	10+66.64	28.47 RT	887.72	BACKAGE RD
35	TOP SWK	10+67.23	35.78 RT	887.73	BACKAGE RD
36	TOP SWK MATCH	116+92.92	43.08 RT	886.72	BELTLINE BLVD
37	F/L	116+91.52	52.98 RT	886.65	BELTLINE BLVD
38	TOP SWK	116+99.50	43.92 RT	886.48	BELTLINE BLVD
39	F/L	116+98.16	53.83 RT	886.48	BELTLINE BLVD
40	TOP SWK	117+20.09	46.33 RT	885.87	BELTLINE BLVD
41	F/L	117+18.91	56.27 RT	885.97	BELTLINE BLVD
42	TOP SWK MATCH	117+28.34	47.20 RT	886.11	BELTLINE BLVD
43	F/L	117+27.24	57.08 RT	885.76	BELTLINE BLVD

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

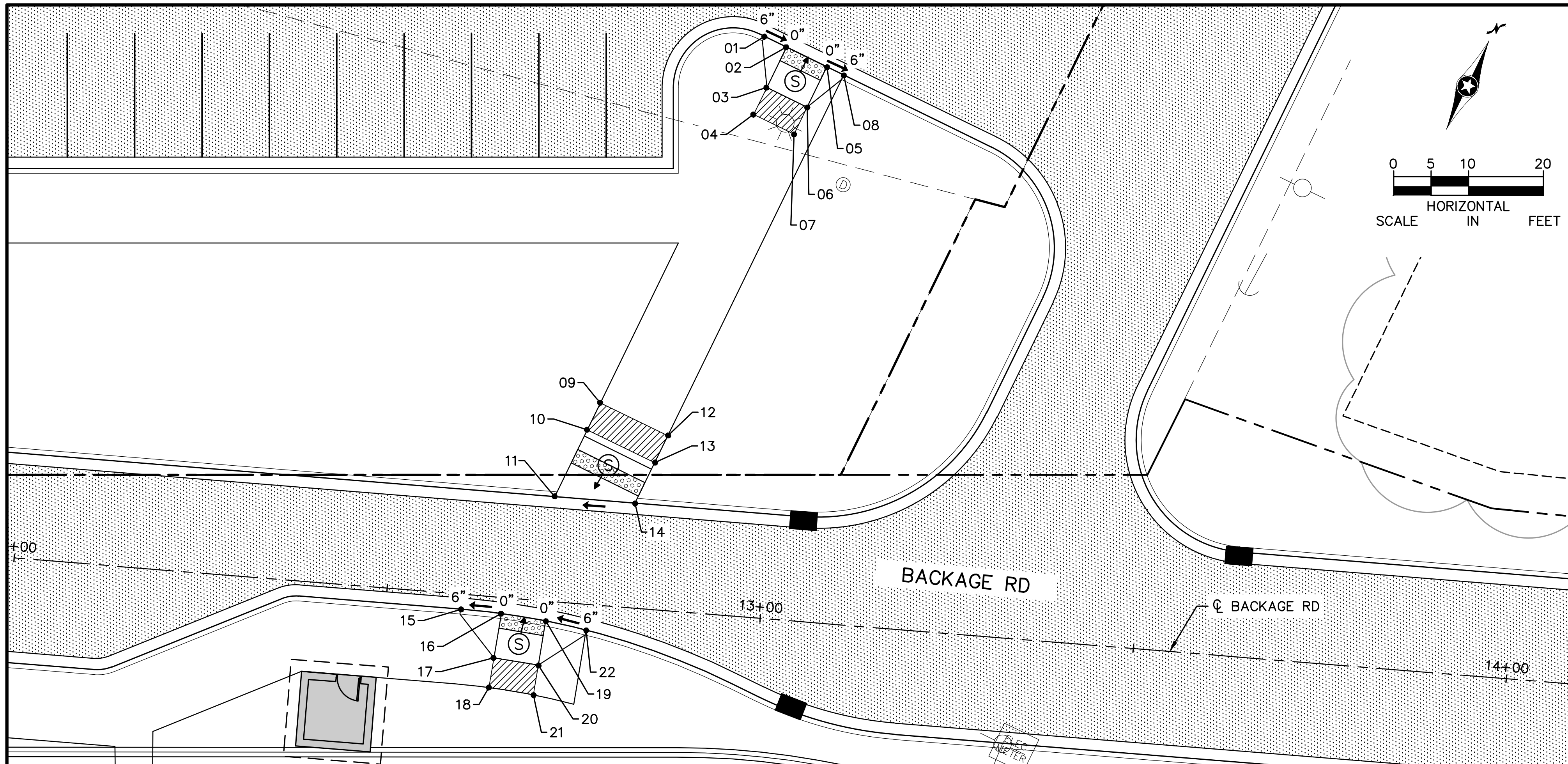
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 57

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-015



LEGEND

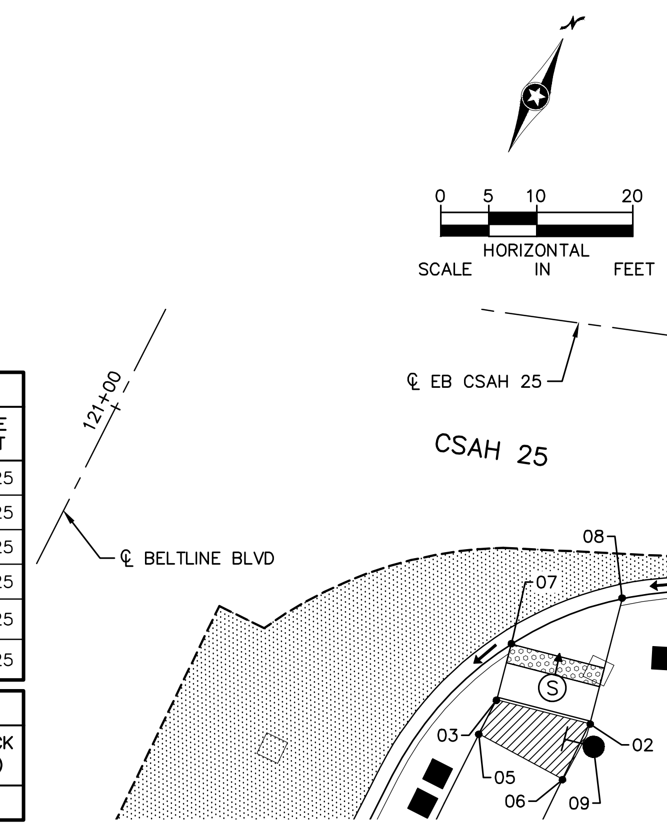
XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	F/L	12+94.33	-77.52 LT	883.62	BACKAGE RD
02	F/L	12+97.34	-76.34 LT	883.61	BACKAGE RD
03	LANDING	12+95.16	-70.76 LT	884.11	BACKAGE RD
04	TOP SWK MATCH	12+93.70	-67.03 LT	884.14	BACKAGE RD
05	F/L	13+02.93	-74.16 LT	883.54	BACKAGE RD
06	LANDING	13+00.74	-68.57 LT	884.04	BACKAGE RD
07	TOP SWK MATCH	12+99.29	-64.85 LT	884.10	BACKAGE RD
08	F/L	13+05.26	-73.25 LT	883.49	BACKAGE RD
09	TOP SWK MATCH	12+76.40	-26.96 LT	885.28	BACKAGE RD
10	LANDING	12+74.95	-23.23 LT	885.44	BACKAGE RD
11	F/L	12+71.33	-14.00 LT	885.00	BACKAGE RD
12	TOP SWK MATCH	12+85.72	-23.31 LT	885.38	BACKAGE RD
13	LANDING	12+84.26	-19.59 LT	885.54	BACKAGE RD
14	F/L	12+82.07	-14.00 LT	885.04	BACKAGE RD
15	F/L	12+60.14	2.00 RT	885.19	BACKAGE RD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
16	F/L	12+65.48	2.13 RT	885.21	BACKAGE RD
17	LANDING	12+64.97	8.11 RT	885.74	BACKAGE RD
18	TOP SWK MATCH	12+64.63	12.10 RT	885.80	BACKAGE RD
19	F/L	12+71.45	2.64 RT	885.22	BACKAGE RD
20	LANDING	12+70.95	8.62 RT	885.72	BACKAGE RD
21	TOP SWK MATCH	12+70.61	12.61 RT	885.78	BACKAGE RD
22	F/L	12+76.94	3.42 RT	885.23	BACKAGE RD



POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
02	LANDING	1068+37.82	41.21 RT	880.33	EB CSAH 25
03	LANDING	1068+27.95	40.06 RT	880.40	EB CSAH 25
05	LANDING	1068+26.56	43.81 RT	880.51	EB CSAH 25
06	LANDING	1068+35.85	47.31 RT	880.43	EB CSAH 25
07	F/L	1068+28.63	34.10 RT	880.06	EB CSAH 25
08	F/L	1068+39.37	27.82 RT	880.19	EB CSAH 25

PEDESTRIAN PUSH BUTTON STATIONS

POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
09	1068+38.53	43.51 RT	EB CSAH 25	6.51	6.38

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

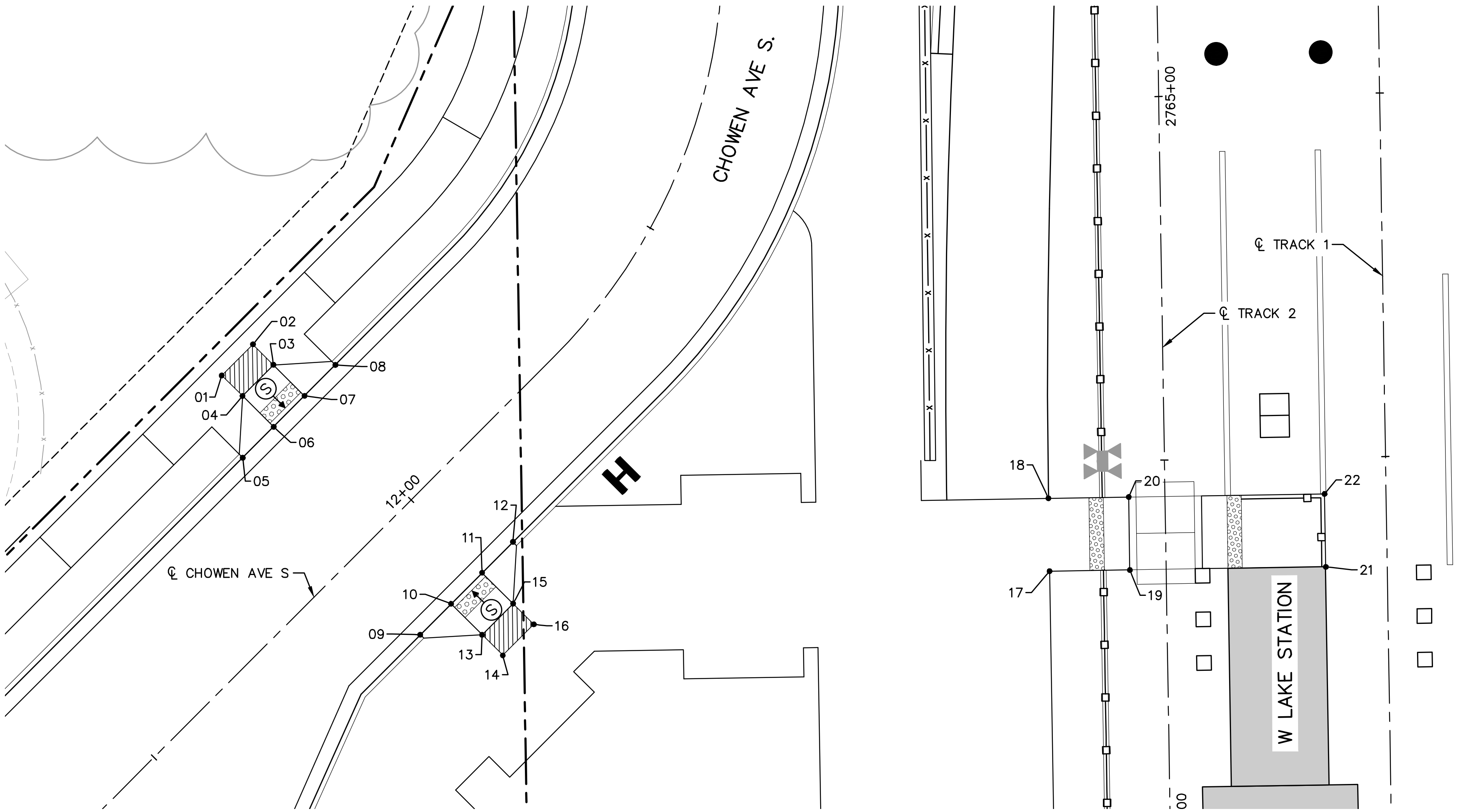
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 58

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-ADA-016



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	LANDING	12+06.23	30.52 RT	874.71	CHOWEN AVE S
02	LANDING	12+00.21	30.50 RT	874.79	CHOWEN AVE S
03	LANDING	12+00.21	26.50 RT	874.73	CHOWEN AVE S
04	LANDING	12+06.20	26.50 RT	874.65	CHOWEN AVE S
05	F/L	12+12.21	20.50 RT	874.05	CHOWEN AVE S
06	F/L	12+06.21	20.50 RT	874.15	CHOWEN AVE S
07	F/L	12+00.21	20.50 RT	874.24	CHOWEN AVE S
08	F/L	11+94.21	20.50 RT	874.28	CHOWEN AVE S
09	F/L	12+12.21	−14.00 LT	874.18	CHOWEN AVE S
10	F/L	12+06.21	−14.00 LT	874.28	CHOWEN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
11	F/L	12+00.21	−14.00 LT	874.37	CHOWEN AVE S
12	F/L	11+94.21	−14.00 LT	874.41	CHOWEN AVE S
13	LANDING	12+06.21	−20.00 LT	874.78	CHOWEN AVE S
14	LANDING	12+06.21	−24.00 LT	874.83	CHOWEN AVE S
15	LANDING	12+00.21	−20.00 LT	874.86	CHOWEN AVE S
16	LANDING	12+00.21	−24.00 LT	874.91	CHOWEN AVE S
17	TOP SWK	2765+65.02	16.00 RT	875.92	TRACK 2
18	TOP SWK	2765+55.03	16.00 RT	875.97	TRACK 2
19	TOP SWK	2765+65.03	5.00 RT	875.93	TRACK 2
20	TOP SWK	2765+55.03	5.00 RT	875.98	TRACK 2

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
21	TOP SWK	1765+65.04	8.47 RT	875.98	TRACK 1
22	TOP SWK	1765+55.03	8.47 RT	875.98	TRACK 1

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

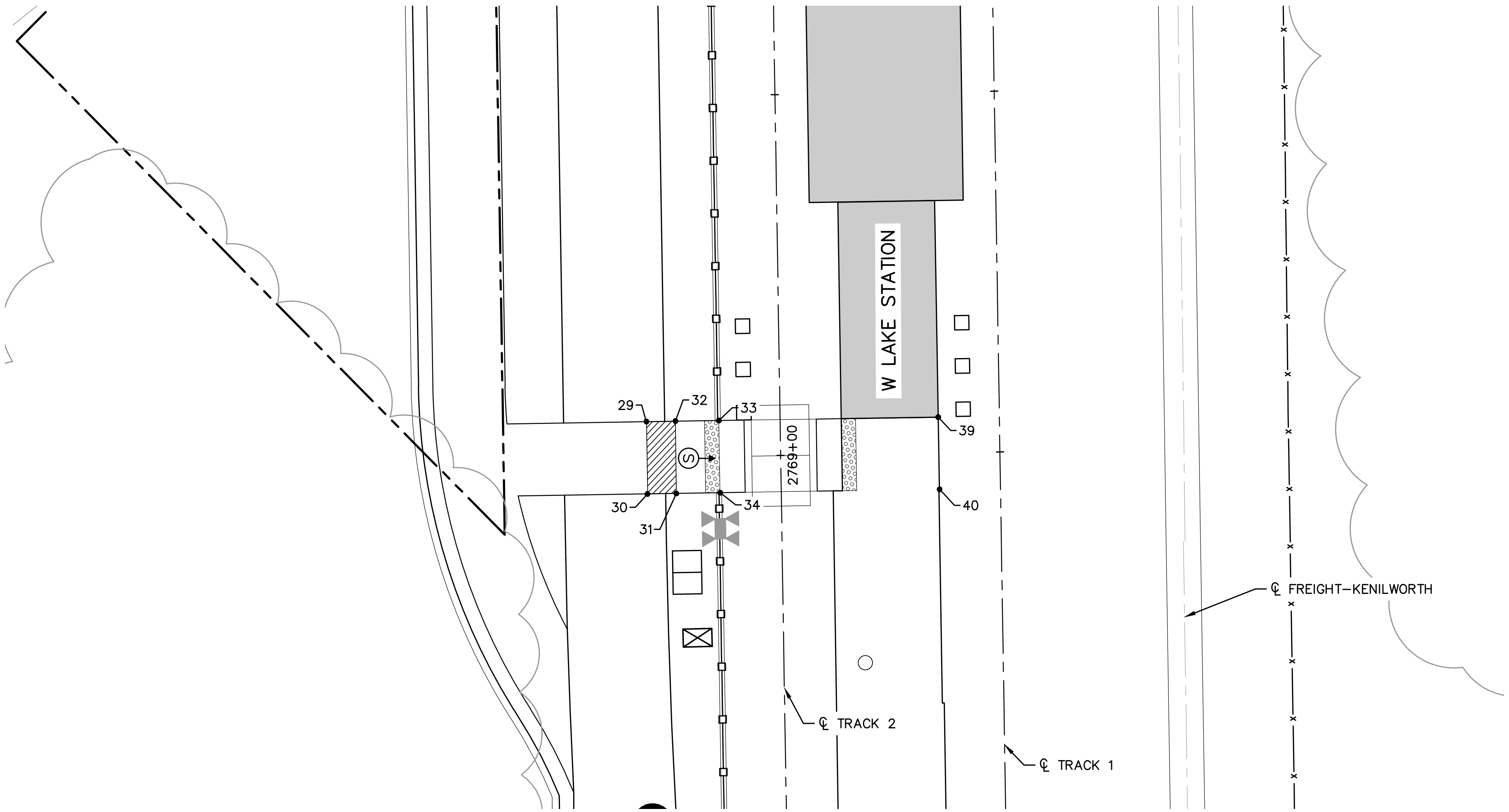
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 59

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-001

Jan. 19 2016 10:58 am V:\3400_ADC\CAD\00_EAST\plansheets\CIVIL\E3-CIV-ADA_LAC_1.dwg By: matt.nelson



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
29	LANDING	2768+95.04	18.51 RT	874.72	TRACK 2
30	LANDING	2769+05.04	18.51 RT	874.67	TRACK 2
31	LANDING	2769+05.02	14.52 RT	874.73	TRACK 2
32	LANDING	2768+95.03	14.51 RT	874.78	TRACK 2
33	BOTTOM SLOPE	2768+95.03	8.50 RT	874.28	TRACK 2
34	BOTTOM SLOPE	2769+05.03	8.48 RT	874.23	TRACK 2
39	LANDING	1768+95.03	8.49 RT	874.28	TRACK 1
40	LANDING	1769+05.03	8.46 RT	874.23	TRACK 1

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

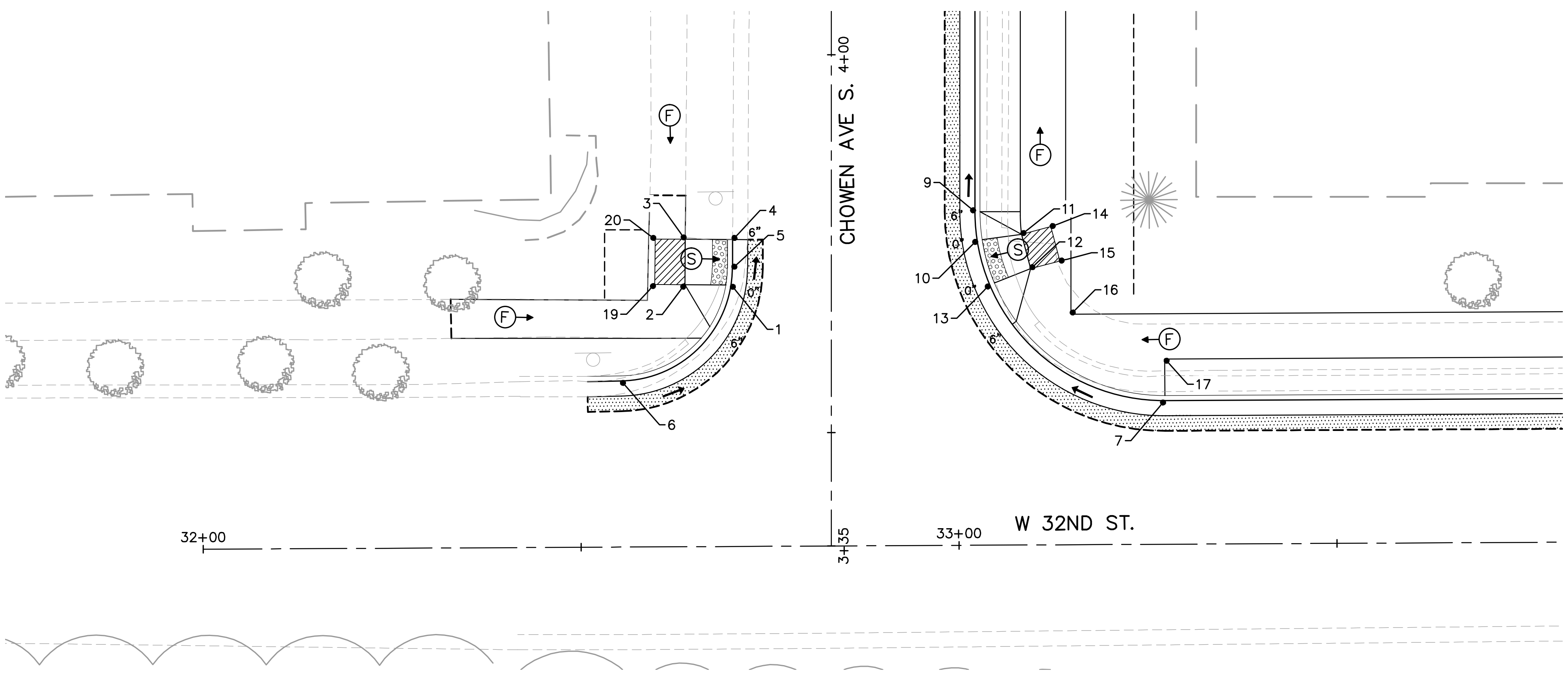
METROPOLITAN COUNCIL

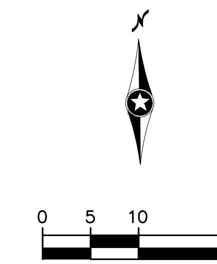
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 60

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-002





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
1	DOME	3+69.54	−13.25 LT	877.24	CHOWEN AVE S
2	LANDING	3+69.57	−19.35 LT	877.75	CHOWEN AVE S
3	LANDING	3+75.59	−19.33 LT	877.62	CHOWEN AVE S
4	DOME	3+75.54	−13.06 LT	877.10	CHOWEN AVE S
5	FLOW LINE	3+71.75	−13.08 LT	877.31	CHOWEN AVE S
6	FLOW LINE	3+56.83	−27.82 LT	877.84	CHOWEN AVE S
7	FLOW LINE	3+54.23	44.13 RT	878.38	CHOWEN AVE S
9	FLOW LINE	3+79.23	19.00 RT	877.35	CHOWEN AVE S
10	DOME	3+75.44	19.29 RT	877.42	CHOWEN AVE S
11	LANDING	3+76.23	25.16 RT	877.89	CHOWEN AVE S
12	LANDING	3+71.69	26.35 RT	878.01	CHOWEN AVE S
13	DOME	3+69.54	20.96 RT	877.55	CHOWEN AVE S
14	LANDING	3+77.25	29.03 RT	877.96	CHOWEN AVE S
15	LANDING	3+72.70	30.22 RT	878.05	CHOWEN AVE S
16	WALK	3+65.68	31.68 RT	878.11	CHOWEN AVE S
17	WALK	3+59.73	44.10 RT	878.37	CHOWEN AVE S
19	LANDING	3+69.60	−23.35 LT	877.80	CHOWEN AVE S
20	LANDING	3+75.60	−23.31 LT	877.68	CHOWEN AVE S

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

Jan, 19 2016 09:40 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-CIV-ADA_PHX_1.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

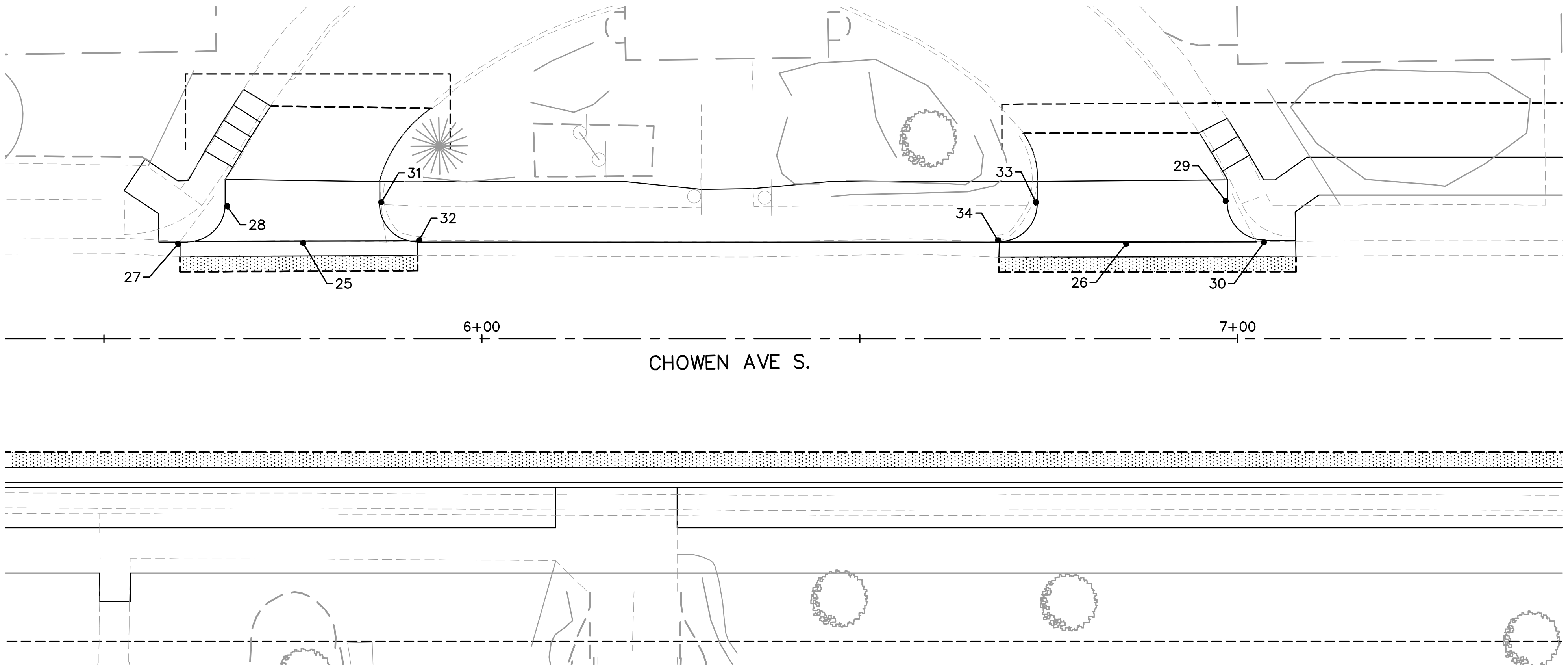
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 61

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-003



0 5 10 20

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
25	FLOW LINE	5+76.19	-12.90 LT	874.67	CHOWEN AVE S
26	FLOW LINE	6+85.49	-12.80 LT	873.73	CHOWEN AVE S
27	FLOW LINE	5+60.08	-12.77 LT	874.79	CHOWEN AVE S
28	FLOW LINE	5+66.06	-17.77 LT	875.45	CHOWEN AVE S
29	FLOW LINE	6+98.65	-17.99 LT	874.71	CHOWEN AVE S
30	FLOW LINE	7+03.70	-12.99 LT	873.74	CHOWEN AVE S
31	FLOW LINE	5+86.50	-17.77 LT	875.12	CHOWEN AVE S
32	FLOW LINE	5+91.50	-12.77 LT	874.47	CHOWEN AVE S
33	FLOW LINE	6+73.49	-17.77 LT	874.46	CHOWEN AVE S
34	FLOW LINE	6+68.49	-12.78 LT	873.73	CHOWEN AVE S

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

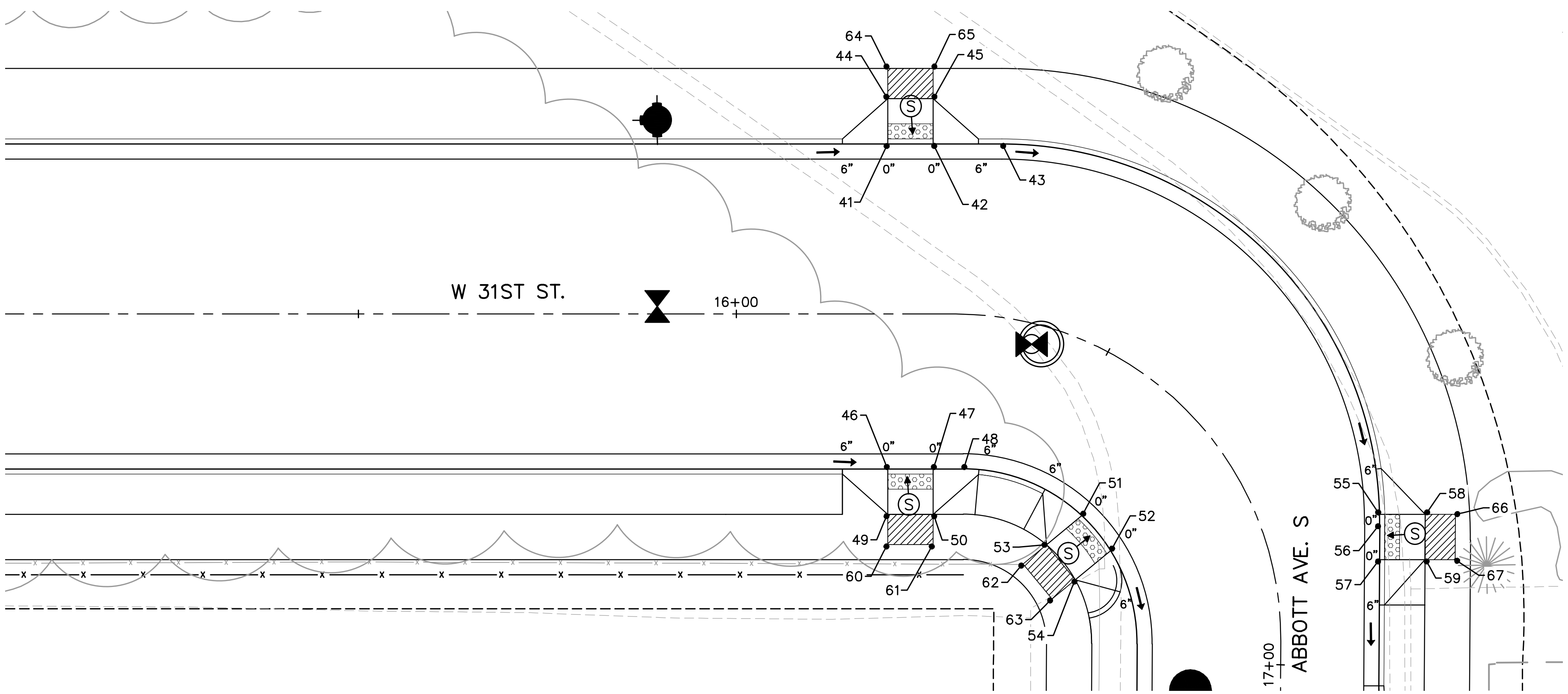
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 62

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-004



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
41	DOME	16+20.03	−22.50 LT	865.40	W 31ST ST
42	DOME	16+26.03	−22.50 LT	865.27	W 31ST ST
43	FLOW LINE	16+33.03	−22.78 LT	865.59	W 31ST ST
44	LANDING	16+20.03	−28.50 LT	865.87	W 31ST ST
45	LANDING	16+26.03	−28.50 LT	865.75	W 31ST ST
46	DOME	16+20.03	20.50 RT	865.44	W 31ST ST
47	DOME	16+26.03	20.50 RT	865.31	W 31ST ST
48	FLOW LINE	16+30.94	20.48 RT	865.17	W 31ST ST
49	LANDING	16+20.03	26.50 RT	865.91	W 31ST ST
50	LANDING	16+26.03	26.50 RT	865.79	W 31ST ST
51	DOME	16+63.25	19.66 RT	864.61	W 31ST ST
52	DOME	16+74.26	19.40 RT	864.47	W 31ST ST
53	LANDING	16+61.97	25.70 RT	865.07	W 31ST ST
54	LANDING	16+76.78	25.35 RT	864.96	W 31ST ST
55	DOME	16+84.28	−15.47 LT	864.45	W 31ST ST
56	FLOW LINE	16+85.23	−15.12 LT	864.45	W 31ST ST
57	DOME	16+88.62	−14.08 LT	864.44	W 31ST ST
58	LANDING	16+85.41	−21.25 LT	864.93	W 31ST ST
59	LANDING	16+89.37	−19.96 LT	864.92	W 31ST ST
60	LANDING	16+20.03	30.50 RT	865.97	W 31ST ST

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
61	LANDING	16+26.03	30.50 RT	865.85	W 31ST ST
62	LANDING	16+60.49	29.67 RT	865.13	W 31ST ST
63	LANDING	16+79.63	29.22 RT	865.02	W 31ST ST
64	LANDING	16+20.03	−32.50 LT	865.93	W 31ST ST
65	LANDING	16+26.03	−32.50 LT	865.81	W 31ST ST
66	LANDING	16+86.07	−25.12 LT	864.99	W 31ST ST
67	LANDING	16+89.81	−23.90 LT	864.98	W 31ST ST

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

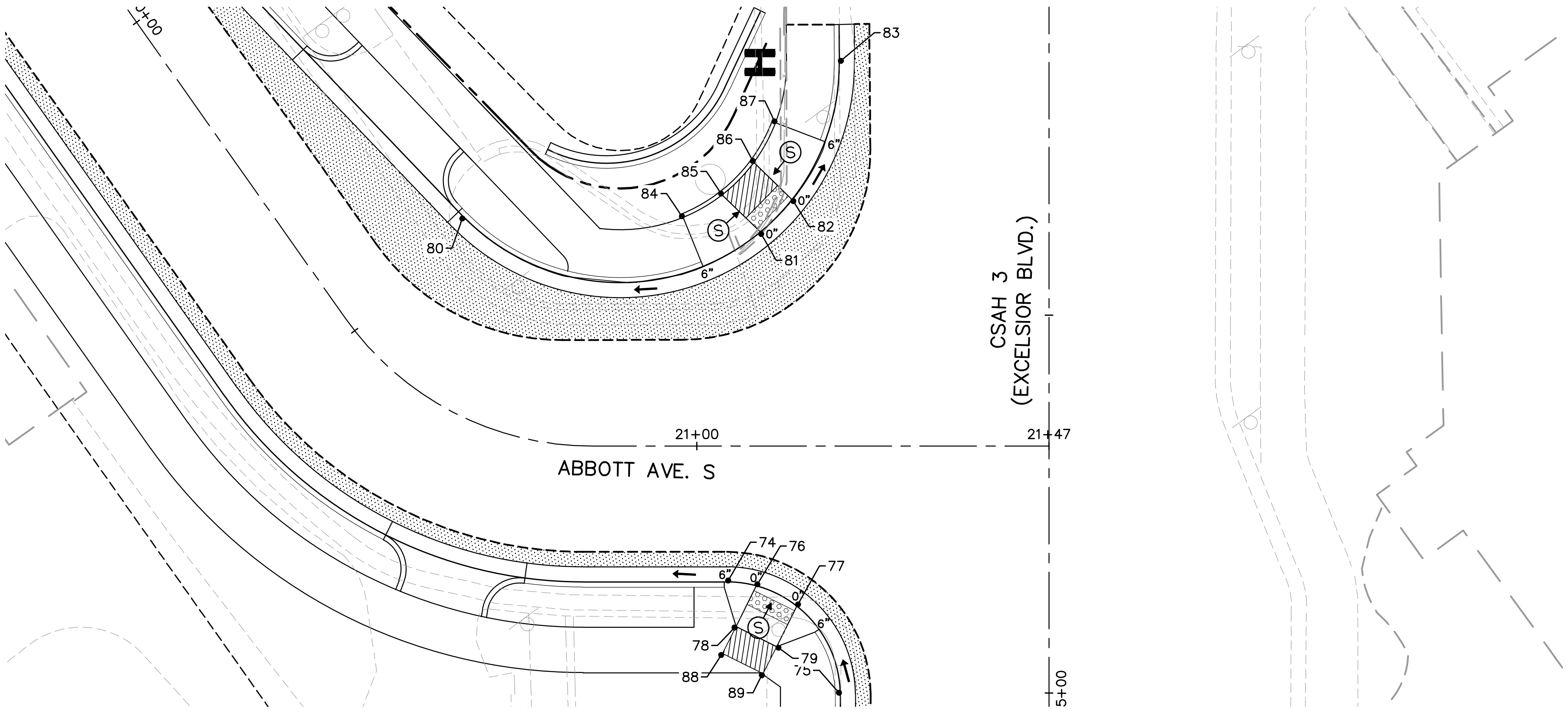
SOUTHWEST Green Line LRT Extension

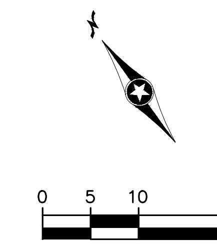
CIVIL - VOLUME 2B ROADWAY INTERSECTION DETAILS SHEET 63

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-005

SHEET 81 OF 302





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
74	FLOW LINE	21+03.99	18.00 RT	868.30	ABBOTT AVE S
75	FLOW LINE	21+18.99	32.81 RT	869.02	ABBOTT AVE S
76	DOME	21+07.85	18.50 RT	868.35	ABBOTT AVE S
77	DOME	21+13.22	21.17 RT	868.51	ABBOTT AVE S
78	LANDING	21+05.18	23.87 RT	868.83	ABBOTT AVE S
79	LANDING	21+10.55	26.55 RT	868.92	ABBOTT AVE S
80	FLOW LINE	20+45.95	-20.49 LT	867.39	ABBOTT AVE S
81	DOME	21+08.36	-28.28 LT	867.83	ABBOTT AVE S
82	DOME	21+12.60	-32.62 LT	867.71	ABBOTT AVE S
83	FLOW LINE	21+18.86	-50.86 LT	866.94	ABBOTT AVE S
84	LANDING	20+98.19	-30.25 LT	868.45	ABBOTT AVE S
85	LANDING	21+03.36	-33.25 LT	867.97	ABBOTT AVE S
86	LANDING	21+07.55	-37.54 LT	867.85	ABBOTT AVE S
87	LANDING	21+10.42	-42.79 LT	867.84	ABBOTT AVE S
88	LANDING	21+03.39	27.45 RT	868.89	ABBOTT AVE S
89	LANDING	21+08.77	30.13 RT	868.98	ABBOTT AVE S

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

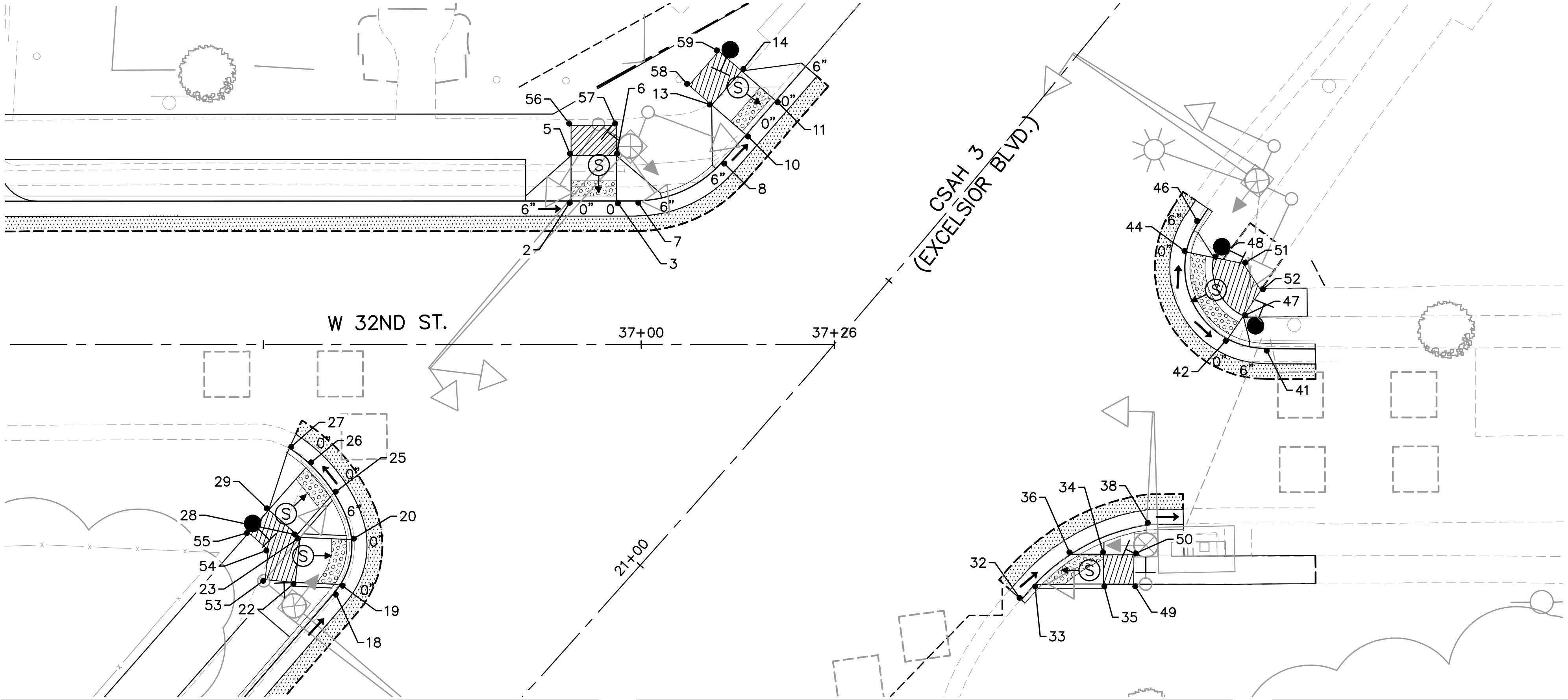
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 64

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-006



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
2	DOME	21+30.39	–38.76 LT	884.68	CSAH 3 (EXCELSIOR BLVD)
3	DOME	21+34.39	–34.23 LT	884.56	CSAH 3 (EXCELSIOR BLVD)
5	LANDING	21+35.01	–42.69 LT	885.16	CSAH 3 (EXCELSIOR BLVD)
6	LANDING	21+39.02	–38.15 LT	885.04	CSAH 3 (EXCELSIOR BLVD)
7	FLOW LINE	21+36.18	–32.19 LT	884.48	CSAH 3 (EXCELSIOR BLVD)
8	FLOW LINE	21+47.63	–26.97 LT	884.11	CSAH 3 (EXCELSIOR BLVD)
10	DOME	21+52.46	–26.92 LT	883.97	CSAH 3 (EXCELSIOR BLVD)
11	DOME	21+58.54	–26.84 LT	883.85	CSAH 3 (EXCELSIOR BLVD)
13	LANDING	21+52.53	–32.92 LT	884.45	CSAH 3 (EXCELSIOR BLVD)
14	LANDING	21+58.63	–32.84 LT	884.33	CSAH 3 (EXCELSIOR BLVD)
18	FLOW LINE	20+70.35	–27.71 LT	887.96	CSAH 3 (EXCELSIOR BLVD)
19	DOME	20+71.67	–27.82 LT	887.88	CSAH 3 (EXCELSIOR BLVD)
20	DOME	20+77.08	–30.68 LT	887.47	CSAH 3 (EXCELSIOR BLVD)
22	LANDING	20+67.86	–32.46 LT	887.83	CSAH 3 (EXCELSIOR BLVD)
23	LANDING	20+72.71	–36.01 LT	887.71	CSAH 3 (EXCELSIOR BLVD)
25	DOME	20+80.08	–36.59 LT	887.29	CSAH 3 (EXCELSIOR BLVD)
26	DOME	20+80.81	–41.59 LT	886.96	CSAH 3 (EXCELSIOR BLVD)
27	FLOW LINE	20+80.57	–44.92 LT	886.77	CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
28	LANDING	20+72.71	–36.51 LT	887.71	CSAH 3 (EXCELSIOR BLVD)
29	LANDING	20+72.66	–41.51 LT	887.62	CSAH 3 (EXCELSIOR BLVD)
32	FLOW LINE	21+29.66	40.81 RT	885.07	CSAH 3 (EXCELSIOR BLVD)
33	DOME	21+32.28	40.84 RT	884.82	CSAH 3 (EXCELSIOR BLVD)
34	LANDING	21+41.10	45.11 RT	885.05	CSAH 3 (EXCELSIOR BLVD)
35	LANDING	21+38.12	47.70 RT	885.13	CSAH 3 (EXCELSIOR BLVD)
36	DOME	21+38.29	41.79 RT	884.70	CSAH 3 (EXCELSIOR BLVD)
38	FLOW LINE	21+47.83	47.13 RT	884.06	CSAH 3 (EXCELSIOR BLVD)
41	FLOW LINE	21+74.93	43.91 RT	883.14	CSAH 3 (EXCELSIOR BLVD)
42	DOME	21+72.74	39.24 RT	883.24	CSAH 3 (EXCELSIOR BLVD)
44	DOME	21+78.03	27.70 RT	883.03	CSAH 3 (EXCELSIOR BLVD)
46	FLOW LINE	21+81.98	26.47 RT	882.88	CSAH 3 (EXCELSIOR BLVD)
47	LANDING	21+76.35	38.89 RT	883.39	CSAH 3 (EXCELSIOR BLVD)
48	LANDING	21+79.75	30.93 RT	883.32	CSAH 3 (EXCELSIOR BLVD)
49	LANDING	21+40.67	50.73 RT	885.19	CSAH 3 (EXCELSIOR BLVD)
50	LANDING	21+43.66	48.14 RT	885.11	CSAH 3 (EXCELSIOR BLVD)
51	LANDING	21+81.62	34.45 RT	883.38	CSAH 3 (EXCELSIOR BLVD)
52	LANDING	21+80.38	38.50 RT	883.45	CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
53	LANDING	20+65.48	–35.71 LT	887.80	CSAH 3 (EXCELSIOR BLVD)
54	LANDING	20+68.69	–38.03 LT	887.76	CSAH 3 (EXCELSIOR BLVD)
55	LANDING	20+68.66	–41.47 LT	887.70	CSAH 3 (EXCELSIOR BLVD)
56	LANDING	21+38.11	–45.31 LT	885.22	CSAH 3 (EXCELSIOR BLVD)
57	LANDING	21+42.11	–40.76 LT	885.10	CSAH 3 (EXCELSIOR BLVD)
58	LANDING	21+52.58	–36.92 LT	884.51	CSAH 3 (EXCELSIOR BLVD)
59	LANDING	21+58.69	–36.84 LT	884.39	CSAH 3 (EXCELSIOR BLVD)

0 5 10 20

Jan, 19 2016 09:45 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-CIV-ADA_PHX_2.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

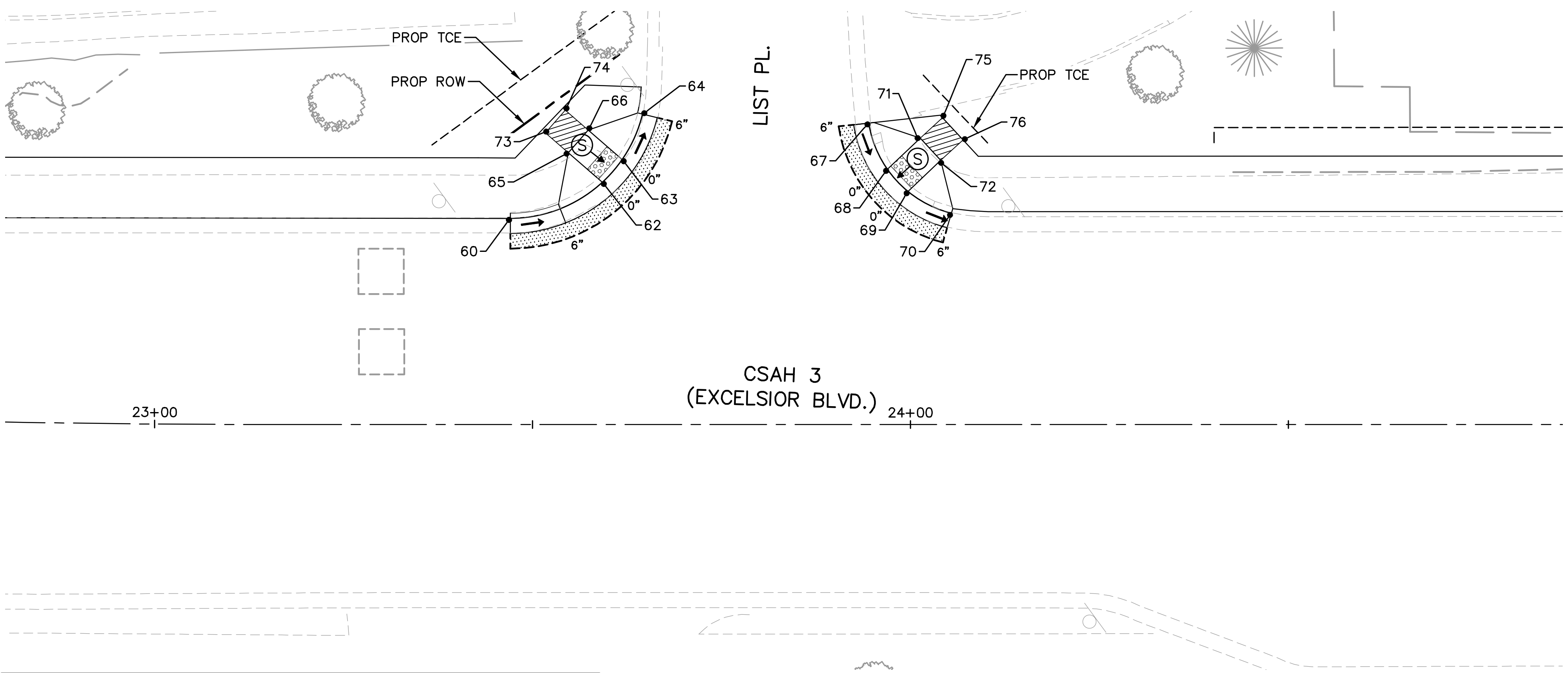
METROPOLITAN COUNCIL

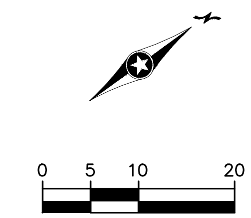
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 65

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-007





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
60	FLOW LINE	23+47.04	−27.28 LT	875.46	CSAH 3 (EXCELSIOR BLVD)
62	DOME	23+59.24	−32.03 LT	874.84	CSAH 3 (EXCELSIOR BLVD)
63	DOME	23+61.87	−35.04 LT	874.65	CSAH 3 (EXCELSIOR BLVD)
64	FLOW LINE	23+64.57	−41.06 LT	874.34	CSAH 3 (EXCELSIOR BLVD)
65	LANDING	23+54.72	−35.97 LT	875.20	CSAH 3 (EXCELSIOR BLVD)
66	LANDING	23+57.35	−38.98 LT	875.13	CSAH 3 (EXCELSIOR BLVD)
67	FLOW LINE	23+94.48	−39.90 LT	873.60	CSAH 3 (EXCELSIOR BLVD)
68	DOME	23+96.94	−33.77 LT	873.33	CSAH 3 (EXCELSIOR BLVD)
69	DOME	23+99.65	−30.84 LT	873.17	CSAH 3 (EXCELSIOR BLVD)
70	FLOW LINE	24+05.40	−27.93 LT	872.91	CSAH 3 (EXCELSIOR BLVD)
71	LANDING	24+01.07	−37.69 LT	873.70	CSAH 3 (EXCELSIOR BLVD)
72	LANDING	24+03.82	−34.78 LT	873.63	CSAH 3 (EXCELSIOR BLVD)
73	LANDING	23+52.06	−38.85 LT	875.25	CSAH 3 (EXCELSIOR BLVD)
74	LANDING	23+54.33	−41.61 LT	875.19	CSAH 3 (EXCELSIOR BLVD)
75	LANDING	24+04.23	−40.61 LT	873.78	CSAH 3 (EXCELSIOR BLVD)
76	LANDING	24+06.94	−37.67 LT	873.71	CSAH 3 (EXCELSIOR BLVD)

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

Jan, 19 2016 09:46 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-CIV-ADA_PHX_2.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

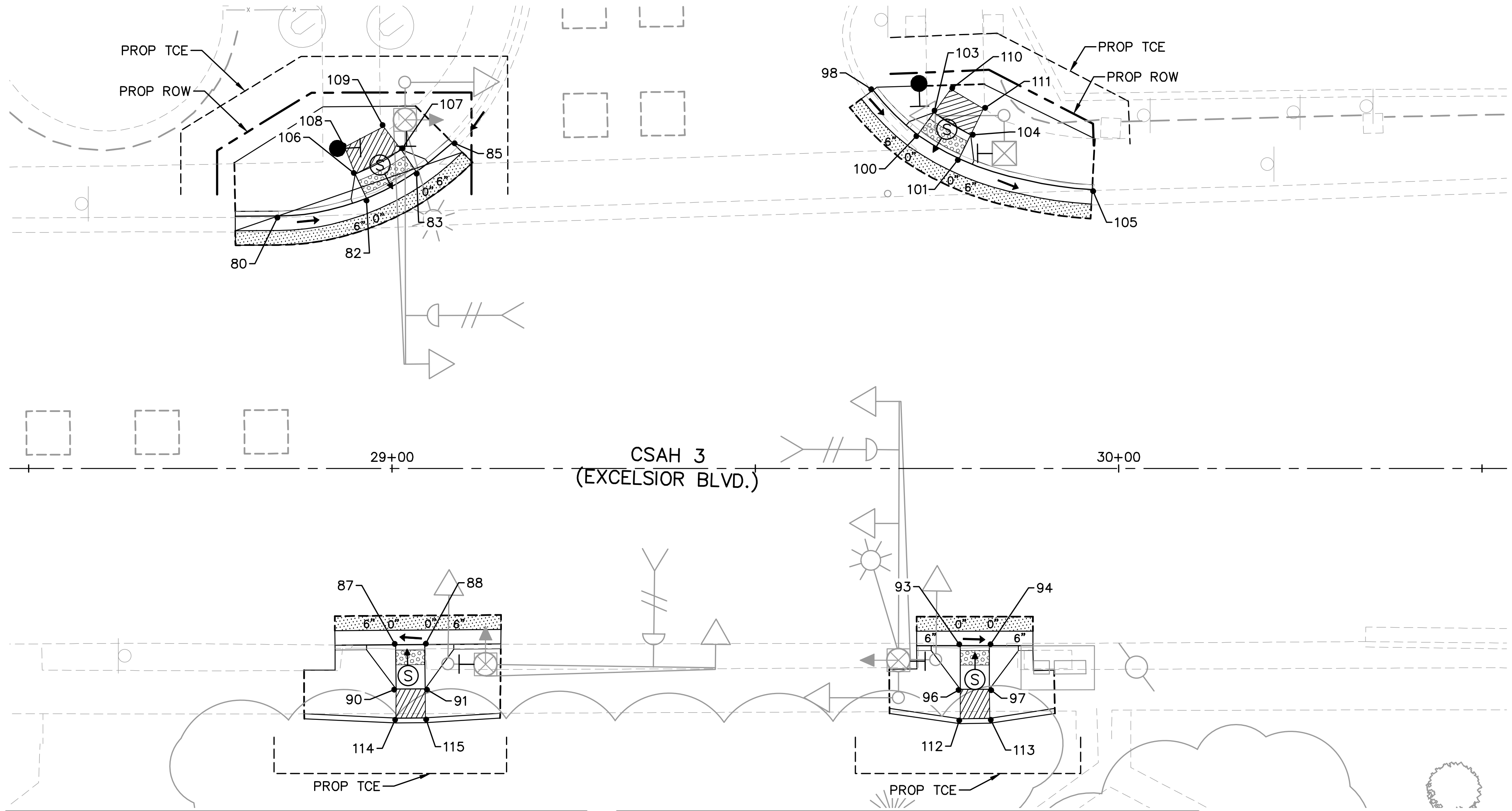
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 66

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-008



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
80	FLOW LINE	28+84.36	-34.80 LT	863.62	CSAH 3 (EXCELSIOR BLVD)
82	DOME	28+96.50	-37.23 LT	863.44	CSAH 3 (EXCELSIOR BLVD)
83	DOME	29+03.33	-40.88 LT	863.48	CSAH 3 (EXCELSIOR BLVD)
85	FLOW LINE	29+08.32	-44.90 LT	863.63	CSAH 3 (EXCELSIOR BLVD)
87	DOME	29+00.50	24.35 RT	863.00	CSAH 3 (EXCELSIOR BLVD)
88	DOME	29+04.50	24.32 RT	863.01	CSAH 3 (EXCELSIOR BLVD)
90	LANDING	29+00.55	30.35 RT	863.48	CSAH 3 (EXCELSIOR BLVD)
91	LANDING	29+04.55	30.32 RT	863.49	CSAH 3 (EXCELSIOR BLVD)
93	DOME	29+78.21	24.39 RT	862.68	CSAH 3 (EXCELSIOR BLVD)
94	DOME	29+82.21	24.39 RT	862.62	CSAH 3 (EXCELSIOR BLVD)
96	LANDING	29+78.21	30.39 RT	863.16	CSAH 3 (EXCELSIOR BLVD)
97	LANDING	29+82.21	30.39 RT	863.10	CSAH 3 (EXCELSIOR BLVD)
98	FLOW LINE	29+66.19	-52.10 LT	863.69	CSAH 3 (EXCELSIOR BLVD)
100	DOME	29+72.33	-45.94 LT	863.48	CSAH 3 (EXCELSIOR BLVD)

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
101	DOME	29+78.03	-42.68 LT	863.33	CSAH 3 (EXCELSIOR BLVD)
103	LANDING	29+74.55	-49.01 LT	863.73	CSAH 3 (EXCELSIOR BLVD)
104	LANDING	29+79.64	-45.95 LT	863.62	CSAH 3 (EXCELSIOR BLVD)
105	FLOW LINE	29+96.35	-38.42 LT	862.88	CSAH 3 (EXCELSIOR BLVD)
106	LANDING	28+94.94	-40.55 LT	863.74	CSAH 3 (EXCELSIOR BLVD)
107	LANDING	29+01.25	-43.91 LT	863.78	CSAH 3 (EXCELSIOR BLVD)
108	LANDING	28+93.48	-44.28 LT	863.80	CSAH 3 (EXCELSIOR BLVD)
109	LANDING	28+98.84	-47.10 LT	863.84	CSAH 3 (EXCELSIOR BLVD)
110	LANDING	29+76.89	-52.25 LT	863.81	CSAH 3 (EXCELSIOR BLVD)
111	LANDING	29+81.40	-49.55 LT	863.70	CSAH 3 (EXCELSIOR BLVD)
112	LANDING	29+78.19	34.44 RT	863.22	CSAH 3 (EXCELSIOR BLVD)
113	LANDING	29+82.26	34.39 RT	863.16	CSAH 3 (EXCELSIOR BLVD)
114	LANDING	29+00.57	34.35 RT	863.54	CSAH 3 (EXCELSIOR BLVD)
115	LANDING	29+04.57	34.32 RT	863.55	CSAH 3 (EXCELSIOR BLVD)

0 5 10 20

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

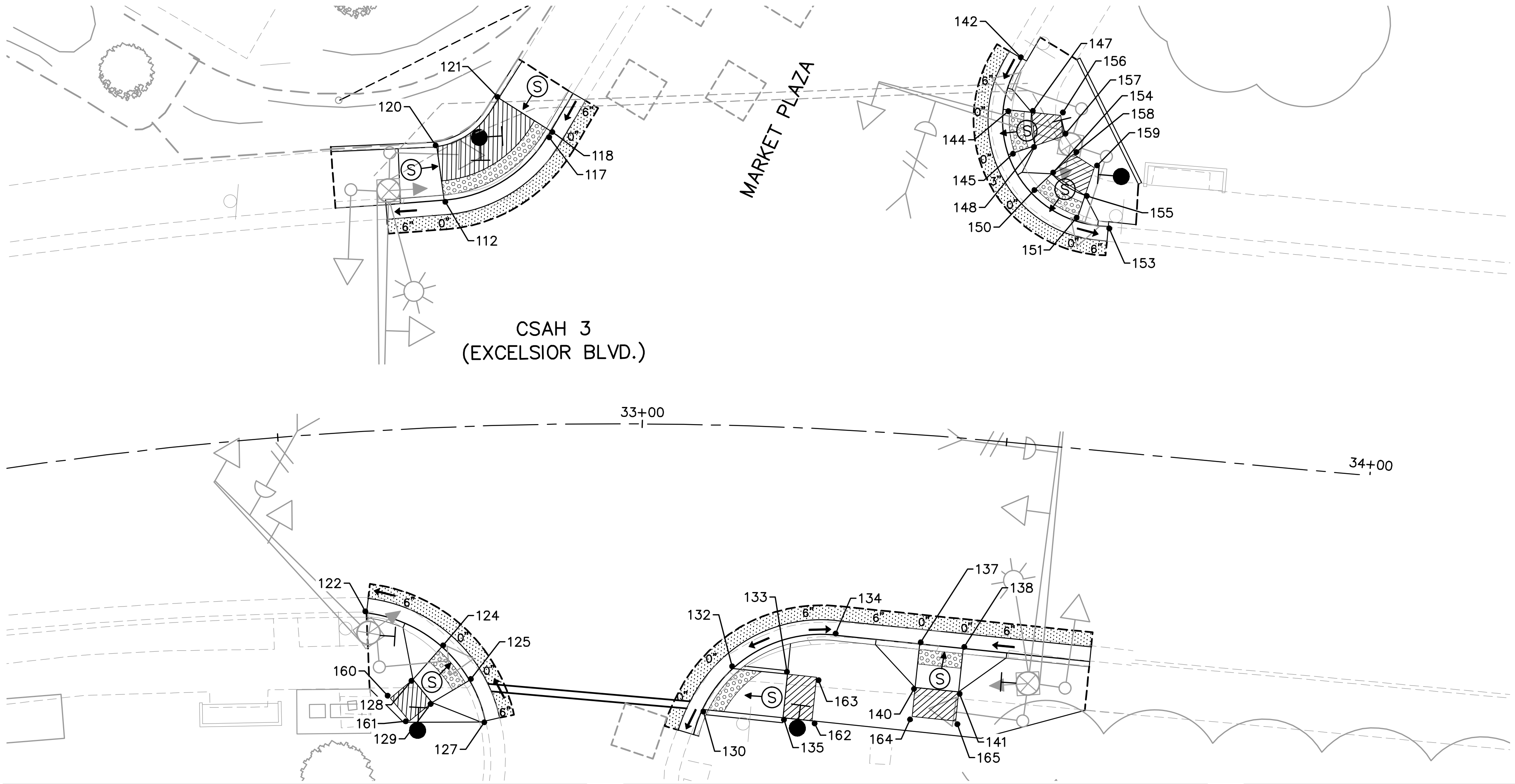
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 67

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-009

SHEET 85 OF 302



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
112	FLOW LINE	32+74.45	−42.08 LT	863.56	CSAH 3 (EXCELSIOR BLVD)
117	FLOW LINE	32+87.82	−50.51 LT	863.66	CSAH 3 (EXCELSIOR BLVD)
118	DOME	32+88.19	−51.16 LT	863.67	CSAH 3 (EXCELSIOR BLVD)
120	LANDING	32+73.78	−49.42 LT	863.71	CSAH 3 (EXCELSIOR BLVD)
121	LANDING	32+81.77	−55.82 LT	863.84	CSAH 3 (EXCELSIOR BLVD)
122	FLOW LINE	32+60.01	34.35 RT	863.19	CSAH 3 (EXCELSIOR BLVD)
124	DOME	32+70.76	39.53 RT	863.25	CSAH 3 (EXCELSIOR BLVD)
125	DOME	32+74.66	44.28 RT	863.28	CSAH 3 (EXCELSIOR BLVD)
127	FLOW LINE	32+76.81	49.92 RT	863.31	CSAH 3 (EXCELSIOR BLVD)
128	LANDING	32+66.26	43.82 RT	863.73	CSAH 3 (EXCELSIOR BLVD)
129	LANDING	32+68.91	47.10 RT	863.76	CSAH 3 (EXCELSIOR BLVD)
130	DOME	33+09.34	48.52 RT	863.62	CSAH 3 (EXCELSIOR BLVD)
132	DOME	33+13.70	42.82 RT	863.67	CSAH 3 (EXCELSIOR BLVD)
133	LANDING	33+21.82	43.31 RT	864.00	CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
134	FLOW LINE	33+28.49	37.63 RT	863.44	CSAH 3 (EXCELSIOR BLVD)
135	LANDING	33+21.44	49.30 RT	864.00	CSAH 3 (EXCELSIOR BLVD)
137	DOME	33+41.00	38.06 RT	863.42	CSAH 3 (EXCELSIOR BLVD)
138	DOME	33+47.43	38.18 RT	863.46	CSAH 3 (EXCELSIOR BLVD)
140	LANDING	33+40.84	44.06 RT	863.90	CSAH 3 (EXCELSIOR BLVD)
141	LANDING	33+47.34	44.18 RT	863.94	CSAH 3 (EXCELSIOR BLVD)
142	FLOW LINE	33+46.59	−63.45 LT	864.08	CSAH 3 (EXCELSIOR BLVD)
144	DOME	33+45.62	−56.29 LT	864.07	CSAH 3 (EXCELSIOR BLVD)
145	DOME	33+46.66	−50.54 LT	864.00	CSAH 3 (EXCELSIOR BLVD)
147	LANDING	33+48.36	−56.24 LT	864.31	CSAH 3 (EXCELSIOR BLVD)
148	LANDING	33+49.19	−51.74 LT	864.24	CSAH 3 (EXCELSIOR BLVD)
150	DOME	33+49.77	−45.86 LT	863.93	CSAH 3 (EXCELSIOR BLVD)
151	DOME	33+55.87	−42.64 LT	863.83	CSAH 3 (EXCELSIOR BLVD)
153	FLOW LINE	33+60.13	−41.60 LT	863.73	CSAH 3 (EXCELSIOR BLVD)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
154	LANDING	33+51.77	−48.09 LT	864.17	CSAH 3 (EXCELSIOR BLVD)
155	LANDING	33+56.56	−45.56 LT	864.07	CSAH 3 (EXCELSIOR BLVD)
156	LANDING	33+52.23	−56.18 LT	864.35	CSAH 3 (EXCELSIOR BLVD)
157	LANDING	33+52.81	−53.35 LT	864.30	CSAH 3 (EXCELSIOR BLVD)
158	LANDING	33+54.46	−51.05 LT	864.21	CSAH 3 (EXCELSIOR BLVD)
159	LANDING	33+57.48	−49.45 LT	864.14	CSAH 3 (EXCELSIOR BLVD)
160	LANDING	32+62.76	46.19 RT	863.79	CSAH 3 (EXCELSIOR BLVD)
161	LANDING	32+65.40	49.49 RT	863.82	CSAH 3 (EXCELSIOR BLVD)
162	LANDING	33+25.81	49.53 RT	864.06	CSAH 3 (EXCELSIOR BLVD)
163	LANDING	33+26.14	43.53 RT	864.06	CSAH 3 (EXCELSIOR BLVD)
164	LANDING	33+40.73	48.05 RT	863.96	CSAH 3 (EXCELSIOR BLVD)
165	LANDING	33+47.27	48.18 RT	864.00	CSAH 3 (EXCELSIOR BLVD)

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

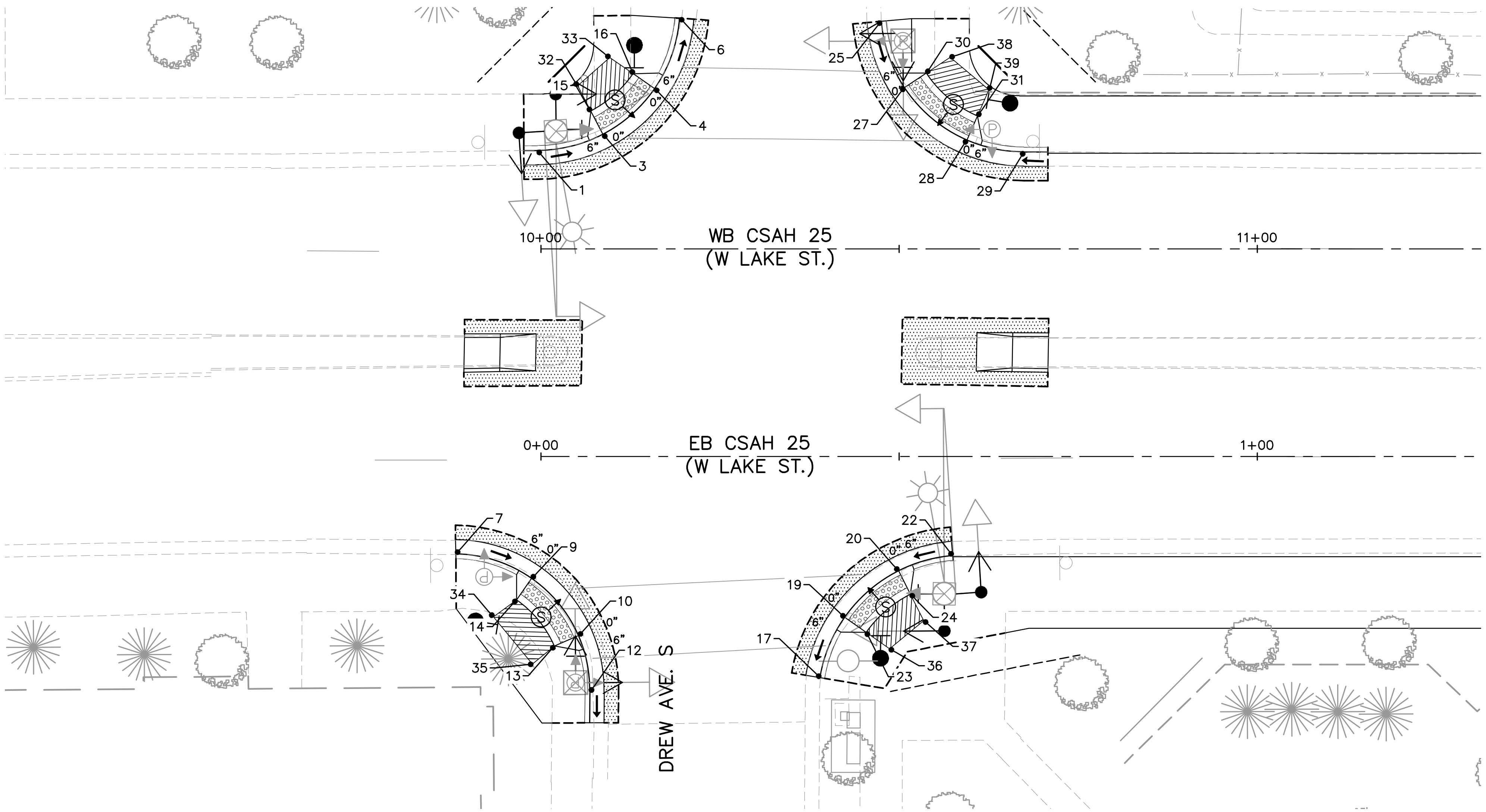
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 68

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-010



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
1	FLOW LINE	???	??? ???	879.48	EB CSAH 25 (W LAKE ST)
3	DOME	0+08.67	−44.99 LT	879.32	EB CSAH 25 (W LAKE ST)
4	DOME	0+15.91	−51.38 LT	879.15	EB CSAH 25 (W LAKE ST)
6	FLOW LINE	0+19.39	−61.24 LT	878.97	EB CSAH 25 (W LAKE ST)
7	FLOW LINE	???	??? ???	879.45	EB CSAH 25 (W LAKE ST)
9	DOME	???	??? ???	879.10	EB CSAH 25 (W LAKE ST)
10	DOME	0+05.27	25.02 RT	878.89	EB CSAH 25 (W LAKE ST)
12	FLOW LINE	0+06.86	32.87 RT	878.44	EB CSAH 25 (W LAKE ST)
13	LANDING	0+01.91	26.48 RT	879.18	EB CSAH 25 (W LAKE ST)
14	LANDING	???	??? ???	879.34	EB CSAH 25 (W LAKE ST)
15	LANDING	0+06.98	−48.24 LT	879.59	EB CSAH 25 (W LAKE ST)
16	LANDING	0+12.90	−53.46 LT	879.44	EB CSAH 25 (W LAKE ST)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
17	FLOW LINE	0+39.04	30.90 RT	878.17	EB CSAH 25 (W LAKE ST)
19	DOME	0+42.42	22.45 RT	878.47	EB CSAH 25 (W LAKE ST)
20	DOME	0+49.94	15.97 RT	878.67	EB CSAH 25 (W LAKE ST)
22	FLOW LINE	0+57.49	13.84 RT	878.89	EB CSAH 25 (W LAKE ST)
23	LANDING	0+45.42	24.57 RT	878.76	EB CSAH 25 (W LAKE ST)
24	LANDING	0+51.59	19.24 RT	878.93	EB CSAH 25 (W LAKE ST)
25	FLOW LINE	0+47.51	−60.79 LT	878.81	EB CSAH 25 (W LAKE ST)
27	DOME	0+50.75	−51.55 LT	878.63	EB CSAH 25 (W LAKE ST)
28	DOME	0+59.47	−44.20 LT	878.78	EB CSAH 25 (W LAKE ST)
29	FLOW LINE	0+67.45	−42.54 LT	878.90	EB CSAH 25 (W LAKE ST)
30	LANDING	0+53.81	−53.56 LT	878.93	EB CSAH 25 (W LAKE ST)
31	LANDING	0+60.93	−47.57 LT	879.08	EB CSAH 25 (W LAKE ST)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
32	LANDING	0+05.13	−51.79 LT	879.63	EB CSAH 25 (W LAKE ST)
33	LANDING	0+09.60	−55.73 LT	879.51	EB CSAH 25 (W LAKE ST)
34	LANDING	???	??? ???	879.40	EB CSAH 25 (W LAKE ST)
35	LANDING	???	??? ???	879.24	EB CSAH 25 (W LAKE ST)
36	LANDING	0+48.69	26.87 RT	878.84	EB CSAH 25 (W LAKE ST)
37	LANDING	0+53.45	22.94 RT	878.97	EB CSAH 25 (W LAKE ST)
38	LANDING	0+57.15	−55.76 LT	878.99	EB CSAH 25 (W LAKE ST)
39	LANDING	0+62.53	−51.23 LT	879.13	EB CSAH 25 (W LAKE ST)

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

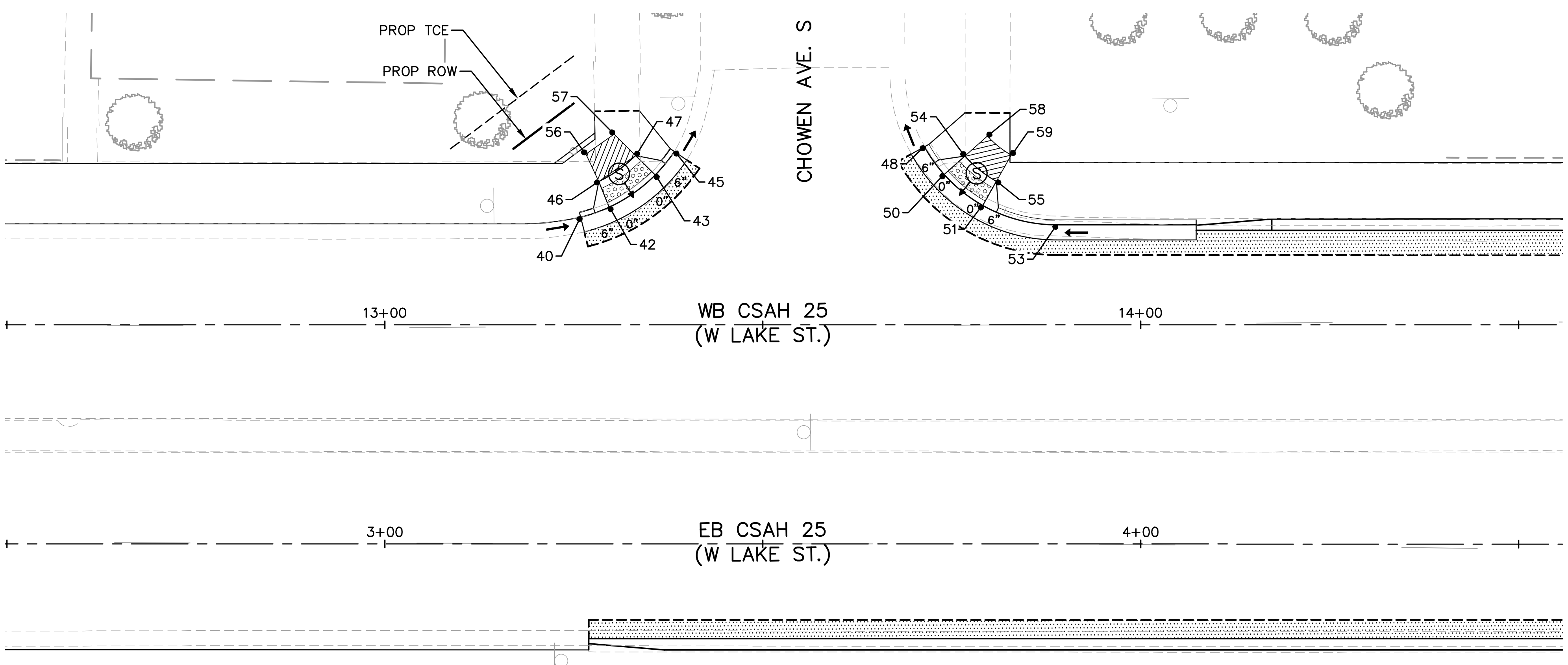
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 69

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-011



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
40	FLOW LINE	3+25.91	−43.24 LT	880.61	EB CSAH 25 (W LAKE ST)
42	DOME	3+29.68	−44.56 LT	880.58	EB CSAH 25 (W LAKE ST)
43	DOME	3+35.77	−48.83 LT	880.53	EB CSAH 25 (W LAKE ST)
45	FLOW LINE	3+38.31	−51.91 LT	880.50	EB CSAH 25 (W LAKE ST)
46	LANDING	3+28.30	−47.97 LT	880.88	EB CSAH 25 (W LAKE ST)
47	LANDING	3+33.17	−51.41 LT	880.82	EB CSAH 25 (W LAKE ST)
48	FLOW LINE	3+71.41	−52.56 LT	881.33	EB CSAH 25 (W LAKE ST)
50	DOME	3+74.01	−48.89 LT	881.62	EB CSAH 25 (W LAKE ST)
51	DOME	3+79.10	−44.79 LT	882.03	EB CSAH 25 (W LAKE ST)
53	FLOW LINE	3+88.92	−42.22 LT	882.66	EB CSAH 25 (W LAKE ST)
54	LANDING	3+76.74	−51.34 LT	881.89	EB CSAH 25 (W LAKE ST)
55	LANDING	3+80.90	−47.99 LT	881.98	EB CSAH 25 (W LAKE ST)
56	LANDING	3+26.59	−51.59 LT	880.94	EB CSAH 25 (W LAKE ST)
57	LANDING	3+30.34	−54.23 LT	880.88	EB CSAH 25 (W LAKE ST)
58	LANDING	3+79.73	−54.00 LT	881.96	EB CSAH 25 (W LAKE ST)
59	LANDING	3+82.87	−51.48 LT	882.03	EB CSAH 25 (W LAKE ST)

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

(S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

(F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

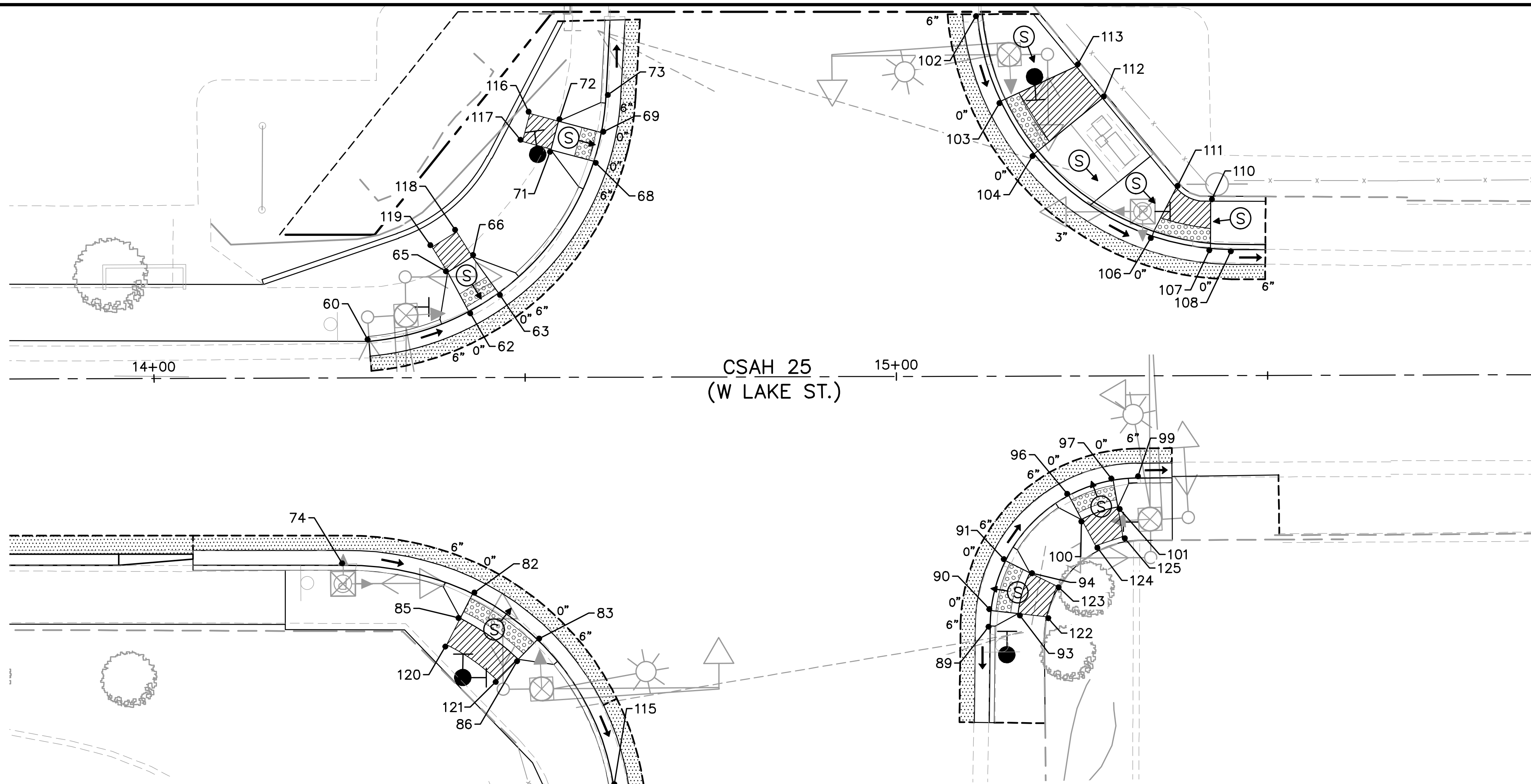
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 70

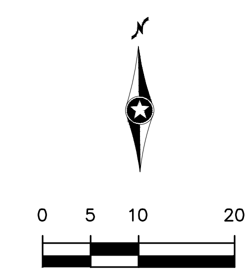
DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-012



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW



POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
60	FLOW LINE	14+29.20	−55.61 LT	876.34	EB CSAH 25 (W LAKE ST)
62	DOME	14+42.66	−59.58 LT	876.14	EB CSAH 25 (W LAKE ST)
63	DOME	14+46.65	−62.07 LT	876.07	EB CSAH 25 (W LAKE ST)
65	LANDING	14+39.84	−64.88 LT	876.62	EB CSAH 25 (W LAKE ST)
66	LANDING	14+43.15	−66.94 LT	876.55	EB CSAH 25 (W LAKE ST)
68	DOME	14+59.57	−79.76 LT	875.76	EB CSAH 25 (W LAKE ST)
69	DOME	14+60.58	−83.63 LT	875.70	EB CSAH 25 (W LAKE ST)
71	LANDING	14+53.78	−81.31 LT	876.24	EB CSAH 25 (W LAKE ST)
72	LANDING	14+54.82	−85.17 LT	876.18	EB CSAH 25 (W LAKE ST)
73	FLOW LINE	14+61.21	−88.53 LT	875.63	EB CSAH 25 (W LAKE ST)
74	FLOW LINE	14+25.45	25.22 RT	875.77	EB CSAH 25 (W LAKE ST)
82	DOME	14+42.82	29.12 RT	874.69	EB CSAH 25 (W LAKE ST)
83	DOME	14+51.54	35.29 RT	874.48	EB CSAH 25 (W LAKE ST)
85	LANDING	14+41.18	32.42 RT	874.95	EB CSAH 25 (W LAKE ST)
86	LANDING	14+48.96	37.95 RT	874.78	EB CSAH 25 (W LAKE ST)
89	FLOW LINE	15+12.54	33.48 RT	872.86	EB CSAH 25 (W LAKE ST)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
90	DOME	15+12.66	31.58 RT	872.93	EB CSAH 25 (W LAKE ST)
91	DOME	15+14.64	24.86 RT	872.91	EB CSAH 25 (W LAKE ST)
93	LANDING	15+16.31	31.99 RT	873.23	EB CSAH 25 (W LAKE ST)
94	LANDING	15+17.93	26.50 RT	873.20	EB CSAH 25 (W LAKE ST)
96	DOME	15+23.19	16.12 RT	872.76	EB CSAH 25 (W LAKE ST)
97	DOME	15+29.13	14.08 RT	872.68	EB CSAH 25 (W LAKE ST)
99	FLOW LINE	15+32.38	13.79 RT	872.64	EB CSAH 25 (W LAKE ST)
100	LANDING	15+24.90	19.35 RT	873.05	EB CSAH 25 (W LAKE ST)
101	LANDING	15+29.76	17.70 RT	872.97	EB CSAH 25 (W LAKE ST)
102	FLOW LINE	15+11.25	−99.41 LT	875.60	EB CSAH 25 (W LAKE ST)
103	DOME	15+14.39	−87.69 LT	874.78	EB CSAH 25 (W LAKE ST)
104	DOME	15+18.84	−80.56 LT	874.61	EB CSAH 25 (W LAKE ST)
106	DOME	15+34.73	−69.48 LT	873.25	EB CSAH 25 (W LAKE ST)
107	DOME	15+42.57	−67.81 LT	873.09	EB CSAH 25 (W LAKE ST)
108	FLOW LINE	15+45.46	−67.65 LT	872.88	EB CSAH 25 (W LAKE ST)
110	LANDING	15+42.62	−74.17 LT	873.21	EB CSAH 25 (W LAKE ST)

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
111	LANDING	15+37.99	−75.98 LT	873.32	EB CSAH 25 (W LAKE ST)
112	LANDING	15+28.11	−88.05 LT	874.85	EB CSAH 25 (W LAKE ST)
113	LANDING	15+24.57	−92.37 LT	874.96	EB CSAH 25 (W LAKE ST)
115	END CONST	14+61.77	55.05 RT	872.69	EB CSAH 25 (W LAKE ST)
116	LANDING	14+50.95	−86.21 LT	876.24	EB CSAH 25 (W LAKE ST)
117	LANDING	14+49.94	−82.45 LT	876.30	EB CSAH 25 (W LAKE ST)
118	LANDING	14+41.04	−70.34 LT	876.61	EB CSAH 25 (W LAKE ST)
119	LANDING	14+37.73	−68.28 LT	876.68	EB CSAH 25 (W LAKE ST)
120	LANDING	14+39.33	35.96 RT	874.99	EB CSAH 25 (W LAKE ST)
121	LANDING	14+46.15	40.80 RT	874.86	EB CSAH 25 (W LAKE ST)
122	LANDING	15+20.10	32.41 RT	873.28	EB CSAH 25 (W LAKE ST)
123	LANDING	15+21.51	28.28 RT	873.26	EB CSAH 25 (W LAKE ST)
124	LANDING	15+26.77	22.89 RT	873.11	EB CSAH 25 (W LAKE ST)
125	LANDING	15+30.44	21.64 RT	873.03	EB CSAH 25 (W LAKE ST)

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

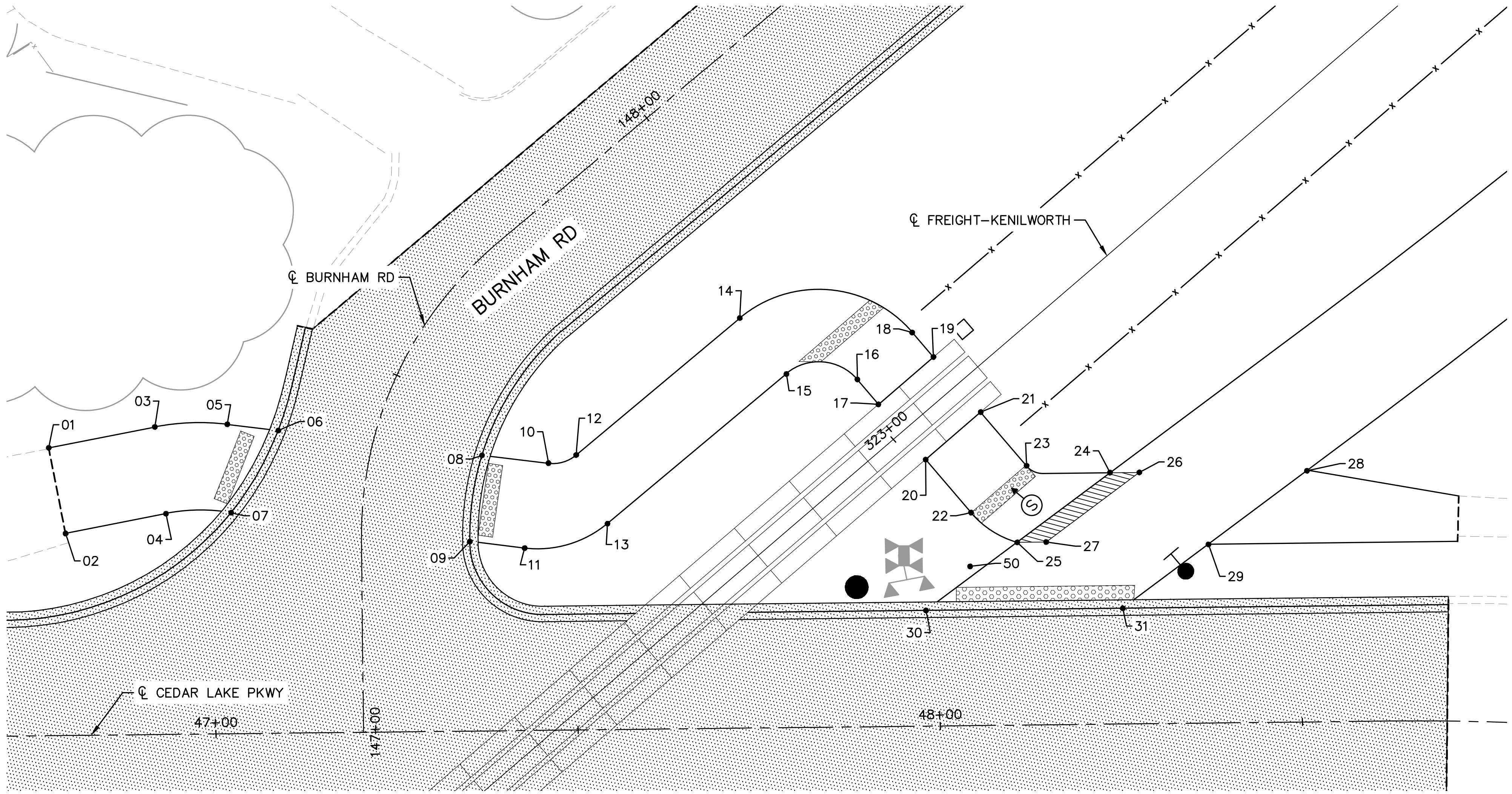
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 71

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-013



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

N

0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK MATCH	147+33.76	–43.93 LT	871.72	BURNHAM RD
02	TOP SWK MATCH	147+27.31	–40.85 LT	871.95	BURNHAM RD
03	TOP SWK	147+36.76	–29.89 LT	872.00	BURNHAM RD
04	TOP SWK	147+29.15	–27.04 LT	872.21	BURNHAM RD
05	TOP SWK	147+38.34	–20.15 LT	872.10	BURNHAM RD
06	F/L	147+38.86	–13.12 LT	872.21	BURNHAM RD
07	F/L	147+29.50	–18.07 LT	872.29	BURNHAM RD
08	F/L	147+42.88	15.00 RT	872.42	BURNHAM RD
09	F/L	147+26.19	15.00 RT	872.54	BURNHAM RD
10	TOP SWK	147+45.87	24.05 RT	872.47	BURNHAM RD
11	TOP SWK	147+25.20	22.53 RT	872.58	BURNHAM RD
12	TOP SWK	147+50.75	27.12 RT	872.49	BURNHAM RD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
13	TOP SWK	147+31.94	33.89 RT	872.59	BURNHAM RD
14	TOP SWK	322+94.85	–26.50 LT	872.67	FREIGHT–KENILWORTH
15	TOP SWK	322+94.71	–16.50 LT	872.77	FREIGHT–KENILWORTH
16	TOP SWK	323+01.62	–9.49 LT	872.72	FREIGHT–KENILWORTH
17	TOP SWK	323+01.61	–5.00 LT	872.66	FREIGHT–KENILWORTH
18	TOP SWK	323+11.62	–9.47 LT	872.72	FREIGHT–KENILWORTH
19	TOP SWK	323+11.61	–5.00 LT	872.64	FREIGHT–KENILWORTH
20	BOTTOM SLOPE	323+01.59	5.00 RT	872.66	FREIGHT–KENILWORTH
21	BOTTOM SLOPE	323+11.59	5.00 RT	872.64	FREIGHT–KENILWORTH
22	TOP SWK	323+01.58	14.67 RT	873.47	FREIGHT–KENILWORTH
23	TOP SWK	323+11.57	14.77 RT	873.45	FREIGHT–KENILWORTH
24	LANDING	323+19.70	23.01 RT	874.26	FREIGHT–KENILWORTH

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
25	LANDING	323+03.70	21.91 RT	874.10	FREIGHT–KENILWORTH
26	LANDING	48+27.84	–34.69 LT	874.28	CEDAR LAKE PKWY
27	LANDING	48+14.88	–25.24 LT	874.14	CEDAR LAKE PKWY
28	TOP SWK	48+50.98	–34.67 LT	874.40	CEDAR LAKE PKWY
29	TOP SWK	48+37.28	–24.70 LT	874.37	CEDAR LAKE PKWY
30	F/L	47+98.21	–16.00 LT	873.44	CEDAR LAKE PKWY
31	F/L	48+25.35	–16.00 LT	873.88	CEDAR LAKE PKWY

PEDESTRIAN PUSH BUTTON STATIONS

POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
50	48+04.33	–21.99 LT	CEDAR LAKE PKWY	16.40	19.00

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

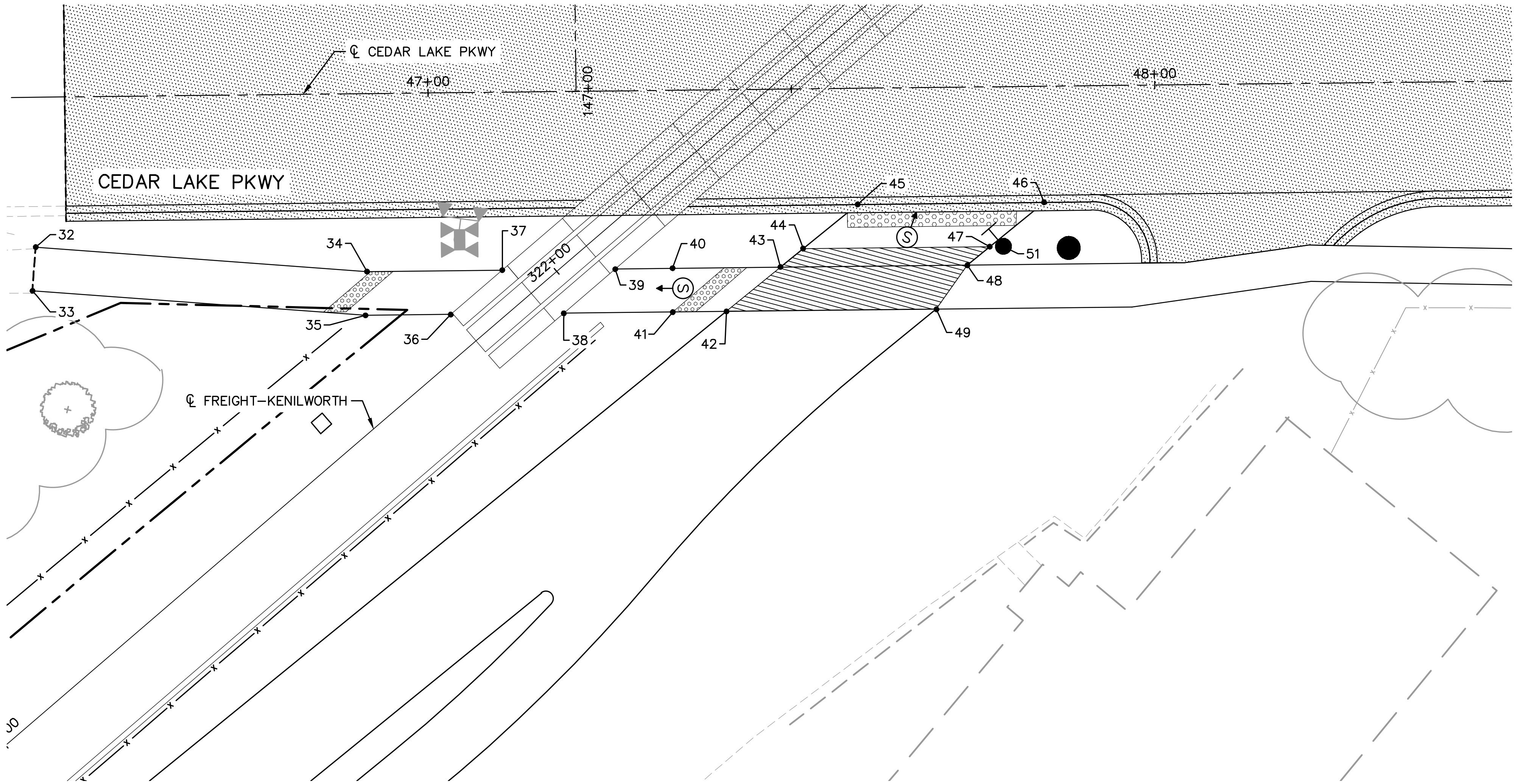
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 72

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-014



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

N

0 5 10 20

HORIZONTAL SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
32	TOP SWK MATCH	46+45.76	20.63 RT	872.28	CEDAR LAKE PKWY
33	TOP SWK MATCH	46+45.26	26.61 RT	872.22	CEDAR LAKE PKWY
34	TOP SWK	321+80.21	–16.97 LT	872.72	FREIGHT–KENILWORTH
35	TOP SWK	321+76.15	–12.54 LT	872.80	FREIGHT–KENILWORTH
36	TOP SWK	321+85.11	–5.00 LT	872.89	FREIGHT–KENILWORTH
37	TOP SWK	321+94.43	–5.00 LT	872.87	FREIGHT–KENILWORTH
38	TOP SWK	321+97.00	5.00 RT	872.86	FREIGHT–KENILWORTH
39	TOP SWK	322+06.32	5.00 RT	872.85	FREIGHT–KENILWORTH
40	BOTTOM SLOPE	322+12.36	10.08 RT	872.90	FREIGHT–KENILWORTH

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
41	BOTTOM SLOPE	322+08.50	14.67 RT	873.09	FREIGHT–KENILWORTH
42	LANDING	47+40.74	30.48 RT	873.70	CEDAR LAKE PKWY
43	LANDING	47+48.25	24.50 RT	873.84	CEDAR LAKE PKWY
44	LANDING	47+51.39	22.00 RT	873.90	CEDAR LAKE PKWY
45	F/L	47+58.92	16.00 RT	873.27	CEDAR LAKE PKWY
46	F/L	47+84.61	16.00 RT	873.38	CEDAR LAKE PKWY
47	LANDING	47+77.07	22.00 RT	874.18	CEDAR LAKE PKWY
48	LANDING	47+73.93	24.50 RT	874.24	CEDAR LAKE PKWY
49	LANDING	47+69.61	30.50 RT	874.13	CEDAR LAKE PKWY

PEDESTRIAN PUSH BUTTON STATIONS

POINT #	STATION	OFFSET	REFERENCE ALIGNMENT	DISTANCE TO FRONT OF LANDING (FT)	DISTANCE TO BACK OF LANDING (FT)
51	47+78.91	21.98 RT	CEDAR LAKE PKWY	15.20	24.10

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

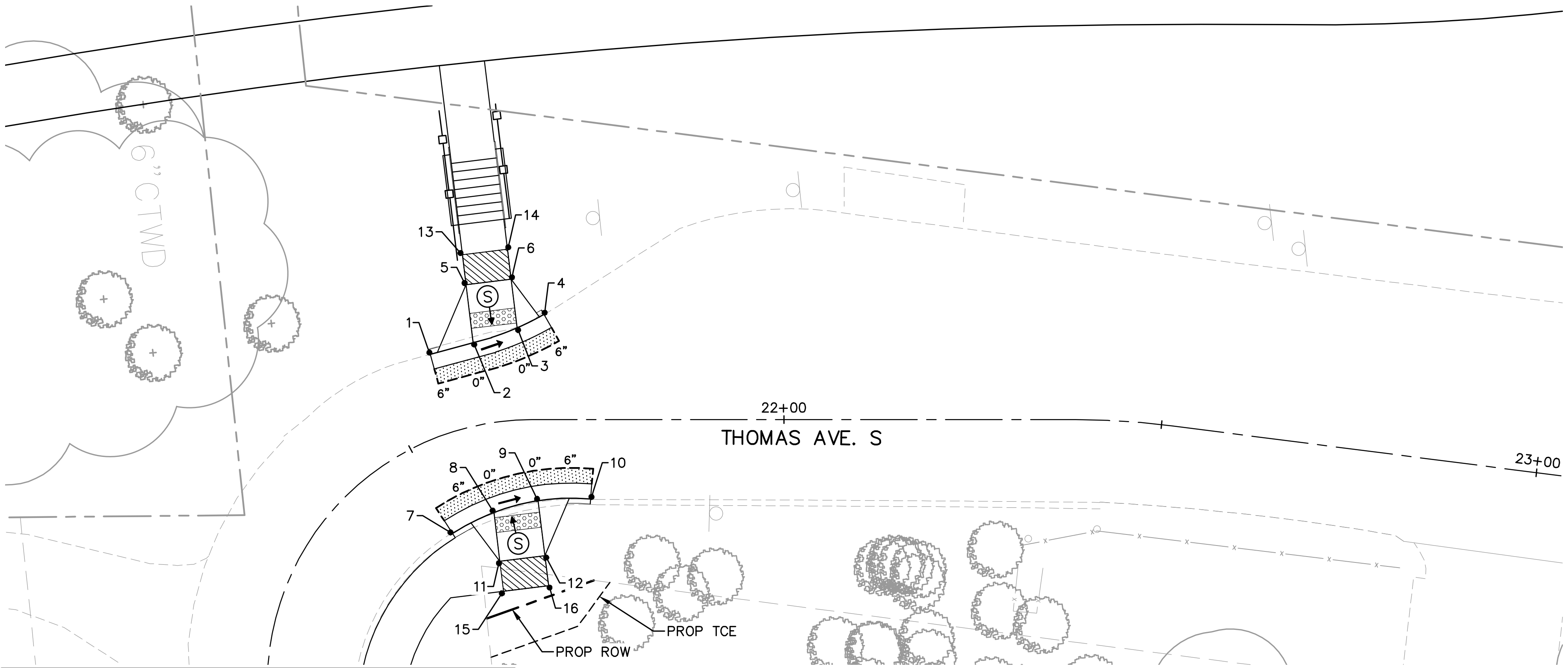
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 73

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-015



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
1	FLOW LINE	21+56.22	−10.65 LT	869.60	THOMAS AVE S
2	DOME	21+60.71	−10.84 LT	869.49	THOMAS AVE S
3	DOME	21+65.21	−12.14 LT	869.37	THOMAS AVE S
4	FLOW LINE	21+68.27	−13.89 LT	869.29	THOMAS AVE S
5	LANDING	21+60.95	−18.55 LT	869.84	THOMAS AVE S
6	LANDING	21+64.87	−18.63 LT	869.74	THOMAS AVE S
7	FLOW LINE	21+49.72	12.44 RT	870.19	THOMAS AVE S
8	DOME	21+59.06	11.71 RT	869.89	THOMAS AVE S
9	DOME	21+67.50	10.71 RT	869.60	THOMAS AVE S
10	FLOW LINE	21+74.42	10.47 RT	869.26	THOMAS AVE S
11	LANDING	21+57.77	18.17 RT	870.22	THOMAS AVE S
12	LANDING	21+68.39	17.98 RT	870.13	THOMAS AVE S
13	LANDING	21+61.05	−22.54 LT	869.90	THOMAS AVE S
14	LANDING	21+64.70	−22.62 LT	869.80	THOMAS AVE S
15	LANDING	21+56.34	22.13 RT	870.28	THOMAS AVE S
16	LANDING	21+68.87	21.95 RT	870.19	THOMAS AVE S

0 5 10 20

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

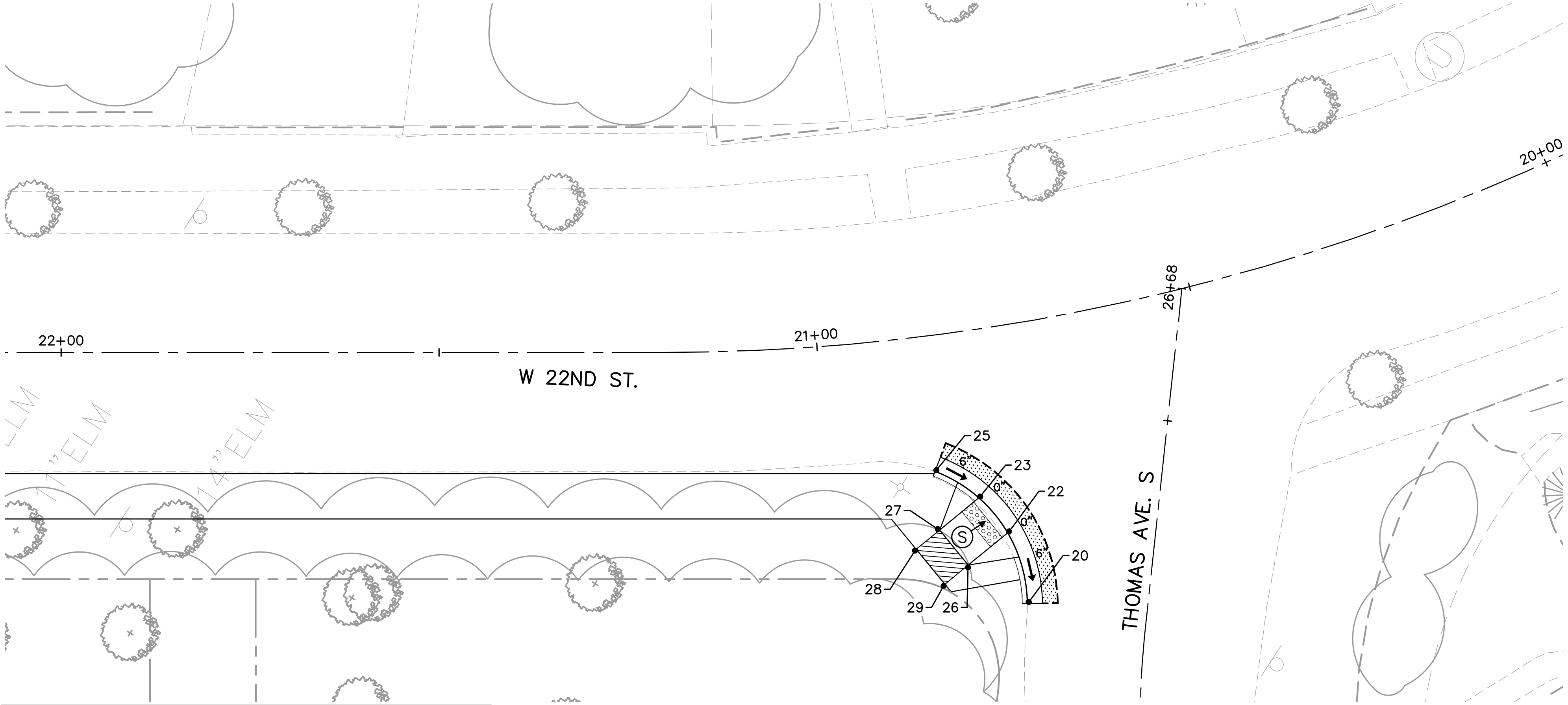
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 74

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-016

Jan. 19 2016 09:55 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-CIV-ADA_PHX_4.dwg By: V-GolaszTG



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
20	FLOW LINE	20+77.53	−36.86 LT	867.55	W 22ND ST
22	DOME	20+78.60	−27.24 LT	867.58	W 22ND ST
23	DOME	20+81.49	−22.11 LT	867.63	W 22ND ST
25	FLOW LINE	20+86.44	−17.91 LT	867.72	W 22ND ST
26	LANDING	20+83.84	−30.75 LT	868.12	W 22ND ST
27	LANDING	20+86.75	−25.67 LT	868.16	W 22ND ST
28	LANDING	20+89.82	−27.84 LT	868.22	W 22ND ST
29	LANDING	20+86.88	−32.88 LT	868.18	W 22ND ST

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

Jan. 19 2016 09:56 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-CIV-ADA_PHX_4.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

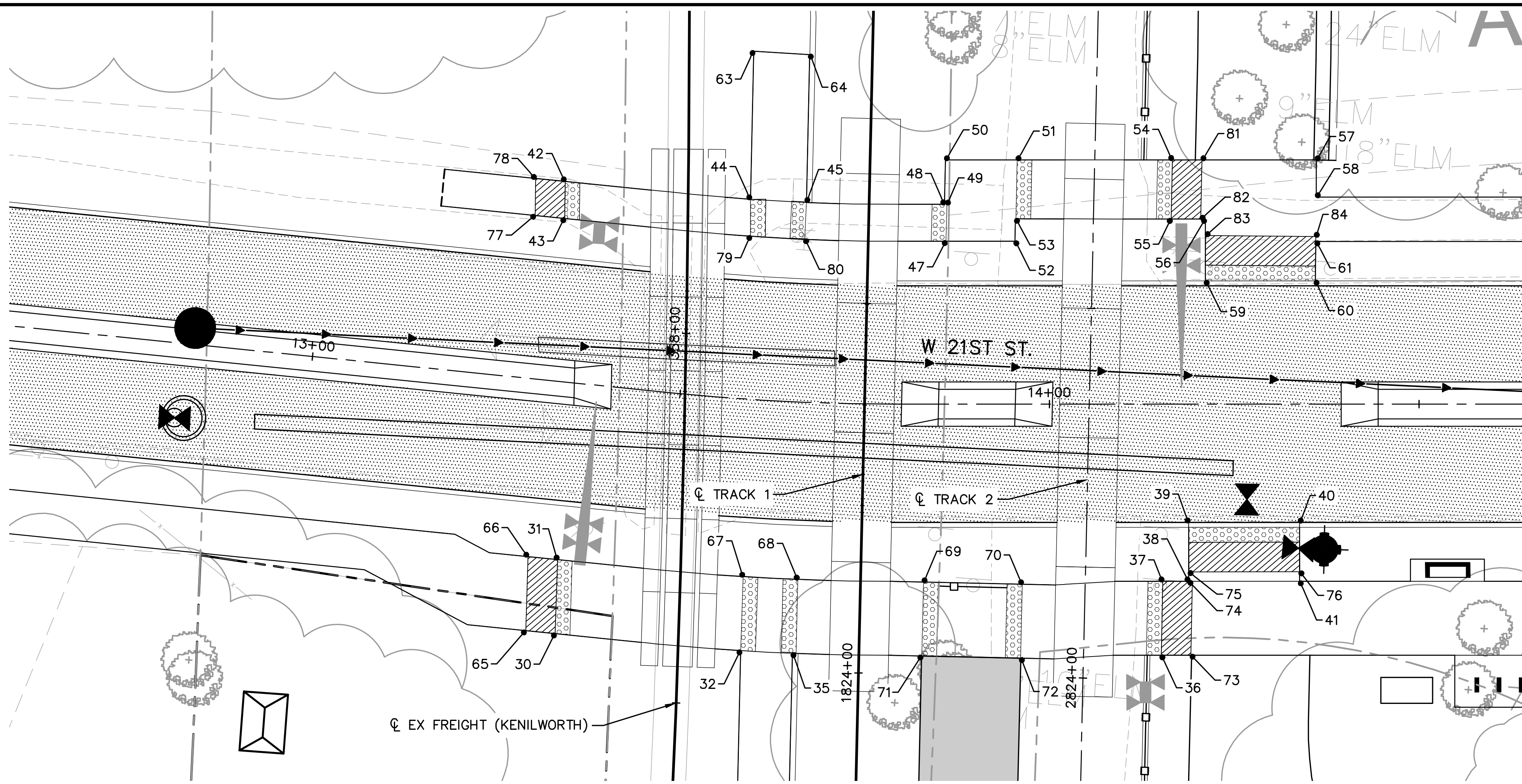
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 75

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-017

SHEET 93 OF 302



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
30	LANDING	13+36.44	34.00 RT	867.77	W 21ST STREET
31	LANDING	13+35.75	24.00 RT	867.62	W 21ST STREET
32	LANDING	13+60.34	34.00 RT	867.77	W 21ST STREET
35	LANDING	13+66.63	33.99 RT	867.87	W 21ST STREET
36	LANDING	14+15.11	33.99 RT	868.23	W 21ST STREET
37	LANDING	14+15.33	23.99 RT	868.09	W 21ST STREET
38	LANDING	14+18.84	23.99 RT	868.23	W 21ST STREET
39	LANDING	14+18.84	16.00 RT	867.88	W 21ST STREET
40	LANDING	14+33.84	16.00 RT	868.59	W 21ST STREET
41	LANDING	14+33.84	23.99 RT	868.86	W 21ST STREET
42	LANDING	13+31.62	−27.00 LT	867.91	W 21ST STREET
43	LANDING	13+32.06	−22.00 LT	867.84	W 21ST STREET
44	LANDING	13+57.59	−27.00 LT	867.85	W 21ST STREET
45	LANDING	13+65.92	−27.10 LT	867.90	W 21ST STREET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
47	LANDING	13+86.00	−22.01 LT	867.90	W 21ST STREET
48	LANDING	13+85.80	−27.01 LT	867.98	W 21ST STREET
49	LANDING	13+86.11	−27.01 LT	867.97	W 21ST STREET
50	LANDING	13+85.94	−33.01 LT	868.07	W 21ST STREET
51	LANDING	13+95.63	−33.01 LT	868.05	W 21ST STREET
52	LANDING	13+95.33	−22.01 LT	867.89	W 21ST STREET
53	LANDING	13+95.40	−25.06 LT	867.93	W 21ST STREET
54	LANDING	14+16.63	−33.01 LT	868.34	W 21ST STREET
55	LANDING	14+16.45	−25.01 LT	868.22	W 21ST STREET
56	LANDING	14+21.08	−25.01 LT	868.41	W 21ST STREET
57	LANDING	14+36.09	−33.01 LT	869.16	W 21ST STREET
58	LANDING	14+36.09	−28.00 LT	869.09	W 21ST STREET
59	LANDING	14+21.08	−16.67 LT	867.83	W 21ST STREET
60	LANDING	14+35.94	−16.67 LT	868.46	W 21ST STREET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
61	LANDING	14+36.03	−22.00 LT	868.89	W 21ST STREET
63	LANDING	13+56.40	−47.00 LT	867.45	W 21ST STREET
64	LANDING	13+65.42	−47.00 LT	867.50	W 21ST STREET
65	LANDING	13+32.43	34.00 RT	867.80	W 21ST STREET
66	LANDING	13+31.74	24.00 RT	867.65	W 21ST STREET
67	LANDING	13+60.07	24.00 RT	867.62	W 21ST STREET
68	LANDING	13+62.92	23.99 RT	867.73	W 21ST STREET
69	LANDING	13+82.95	24.08 RT	867.81	W 21ST STREET
70	LANDING	13+96.32	24.37 RT	867.83	W 21ST STREET
71	LANDING	13+82.72	34.03 RT	867.96	W 21ST STREET
72	LANDING	13+96.12	34.36 RT	867.98	W 21ST STREET
73	LANDING	14+19.11	33.99 RT	868.39	W 21ST STREET
74	LANDING	14+18.84	23.99 RT	868.23	W 21ST STREET
75	LANDING	14+18.85	22.70 RT	868.18	W 21ST STREET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
76	LANDING	14+33.85	22.67 RT	868.81	W 21ST STREET
77	LANDING	13+28.05	−22.00 LT	867.87	W 21ST STREET
78	LANDING	13+27.61	−27.00 LT	867.94	W 21ST STREET
79	LANDING	13+58.00	−22.02 LT	???	W 21ST STREET
80	LANDING	13+65.92	−22.02 LT	867.85	W 21ST STREET
81	LANDING	14+20.63	−33.01 LT	868.51	W 21ST STREET
82	LANDING	14+20.45	−25.01 LT	868.38	W 21ST STREET
83	LANDING	14+21.12	−22.81 LT	868.26	W 21ST STREET
84	LANDING	14+36.02	−22.64 LT	868.91	W 21ST STREET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

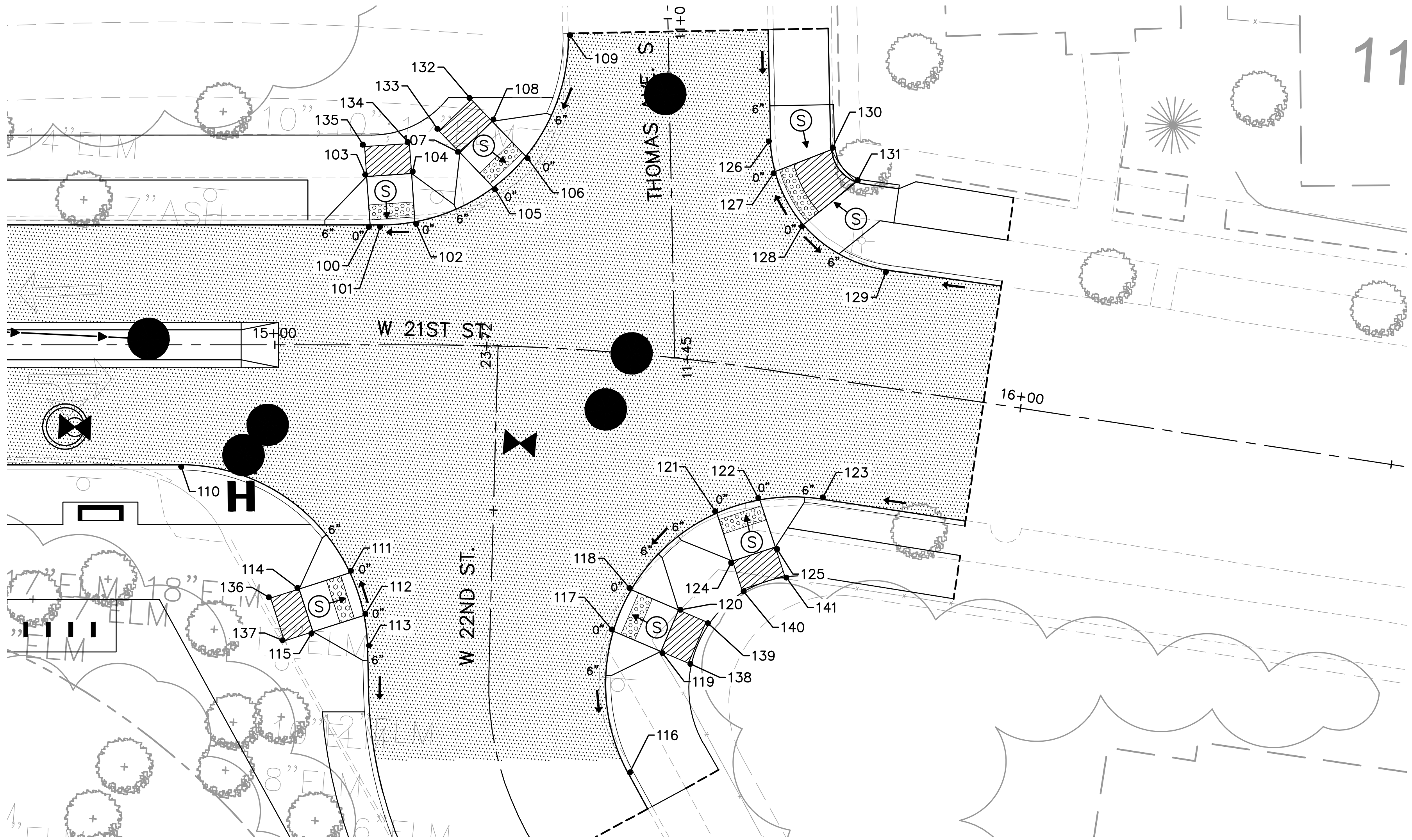
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 76

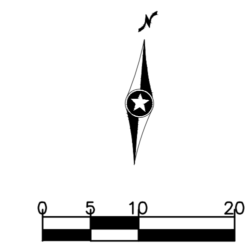
DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-018



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW



POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
100	DOME	15+12.70	–16.00 LT	871.75	W 21ST STREET
101	FLOW LINE	15+14.14	–16.00 LT	871.81	W 21ST STREET
102	DOME	15+18.69	–16.42 LT	872.01	W 21ST STREET
103	LANDING	15+12.25	–22.47 LT	872.27	W 21ST STREET
104	LANDING	15+18.24	–22.89 LT	872.39	W 21ST STREET
105	DOME	15+28.63	–21.12 LT	872.51	W 21ST STREET
106	DOME	15+32.53	–25.40 LT	872.76	W 21ST STREET
107	LANDING	15+24.39	–25.71 LT	873.02	W 21ST STREET
108	LANDING	15+28.29	–29.94 LT	873.14	W 21ST STREET
109	FLOW LINE	15+36.94	–42.03 LT	873.53	W 21ST STREET
110	FLOW LINE	14+87.37	16.00 RT	870.60	W 21ST STREET
111	DOME	15+09.94	30.40 RT	871.41	W 21ST STREET
112	DOME	15+11.89	36.12 RT	871.58	W 21ST STREET
113	FLOW LINE	15+12.36	40.35 RT	871.70	W 21ST STREET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
114	LANDING	15+03.26	32.58 RT	871.98	W 21ST STREET
115	LANDING	15+05.08	38.29 RT	872.08	W 21ST STREET
116	FLOW LINE	15+53.19	55.92 RT	871.30	W 21ST STREET
117	DOME	15+48.57	37.11 RT	872.21	W 21ST STREET
118	DOME	15+50.66	31.40 RT	872.49	W 21ST STREET
119	LANDING	15+56.09	39.15 RT	872.76	W 21ST STREET
120	LANDING	15+58.01	33.39 RT	872.88	W 21ST STREET
121	DOME	15+61.74	19.93 RT	873.21	W 21ST STREET
122	DOME	15+67.46	17.35 RT	873.48	W 21ST STREET
123	FLOW LINE	15+75.58	16.00 RT	873.87	W 21ST STREET
124	LANDING	15+64.95	25.95 RT	873.74	W 21ST STREET
125	LANDING	15+70.45	23.25 RT	873.86	W 21ST STREET
126	FLOW LINE	15+62.10	–30.45 LT	873.84	W 21ST STREET
127	DOME	15+63.19	–26.32 LT	873.93	W 21ST STREET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
128	DOME	15+67.66	–19.85 LT	874.09	W 21ST STREET
129	FLOW LINE	15+79.60	–15.53 LT	873.97	W 21ST STREET
130	LANDING	15+69.89	–30.35 LT	874.09	W 21ST STREET
131	LANDING	15+73.81	–26.56 LT	874.20	W 21ST STREET
132	LANDING	15+25.73	–32.77 LT	873.20	W 21ST STREET
133	LANDING	15+21.84	–28.58 LT	873.08	W 21ST STREET
134	LANDING	15+17.96	–26.88 LT	872.45	W 21ST STREET
135	LANDING	15+11.97	–26.46 LT	872.33	W 21ST STREET
136	LANDING	14+99.45	33.79 RT	872.04	W 21ST STREET
137	LANDING	15+01.27	39.51 RT	872.14	W 21ST STREET
138	LANDING	15+60.52	40.26 RT	872.82	W 21ST STREET
139	LANDING	15+62.35	34.48 RT	872.94	W 21ST STREET
140	LANDING	15+66.90	29.53 RT	873.80	W 21ST STREET
141	LANDING	15+72.25	26.82 RT	873.92	W 21ST STREET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

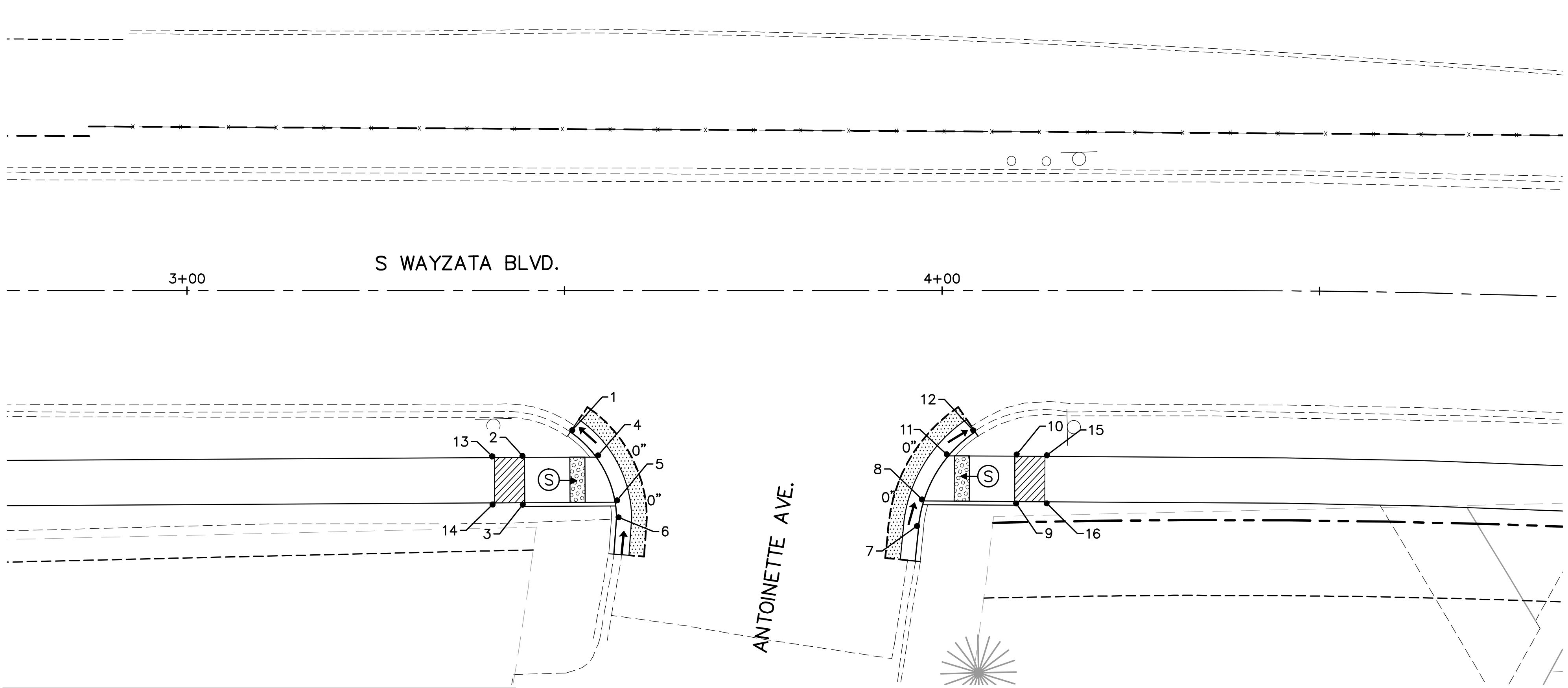
METROPOLITAN COUNCIL

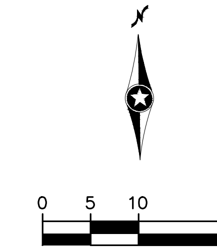
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 77

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-ADA-019





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
1	FLOW LINE	3+50.78	18.72 RT	880.00	S WAYZATA BLVD
2	LANDING	3+44.69	22.11 RT	880.81	S WAYZATA BLVD
3	LANDING	3+44.73	28.11 RT	880.93	S WAYZATA BLVD
4	FLOW LINE	3+54.21	22.05 RT	880.05	S WAYZATA BLVD
5	FLOW LINE	3+56.72	28.04 RT	880.13	S WAYZATA BLVD
6	FLOW LINE	3+56.91	29.94 RT	880.15	S WAYZATA BLVD
7	FLOW LINE	3+96.93	31.03 RT	880.34	S WAYZATA BLVD
8	FLOW LINE	3+97.60	27.87 RT	880.29	S WAYZATA BLVD
9	LANDING	4+09.60	27.94 RT	880.99	S WAYZATA BLVD
10	LANDING	4+09.64	21.95 RT	880.87	S WAYZATA BLVD
11	FLOW LINE	4+00.88	21.89 RT	880.17	S WAYZATA BLVD
12	FLOW LINE	4+04.38	18.74 RT	880.09	S WAYZATA BLVD
13	FLOW LINE	3+40.69	22.13 RT	880.87	S WAYZATA BLVD
14	FLOW LINE	3+40.73	28.13 RT	880.99	S WAYZATA BLVD
15	FLOW LINE	4+13.64	21.97 RT	880.93	S WAYZATA BLVD
16	FLOW LINE	4+13.60	27.97 RT	881.05	S WAYZATA BLVD

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

Jan, 19 2016 10:01 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_1.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

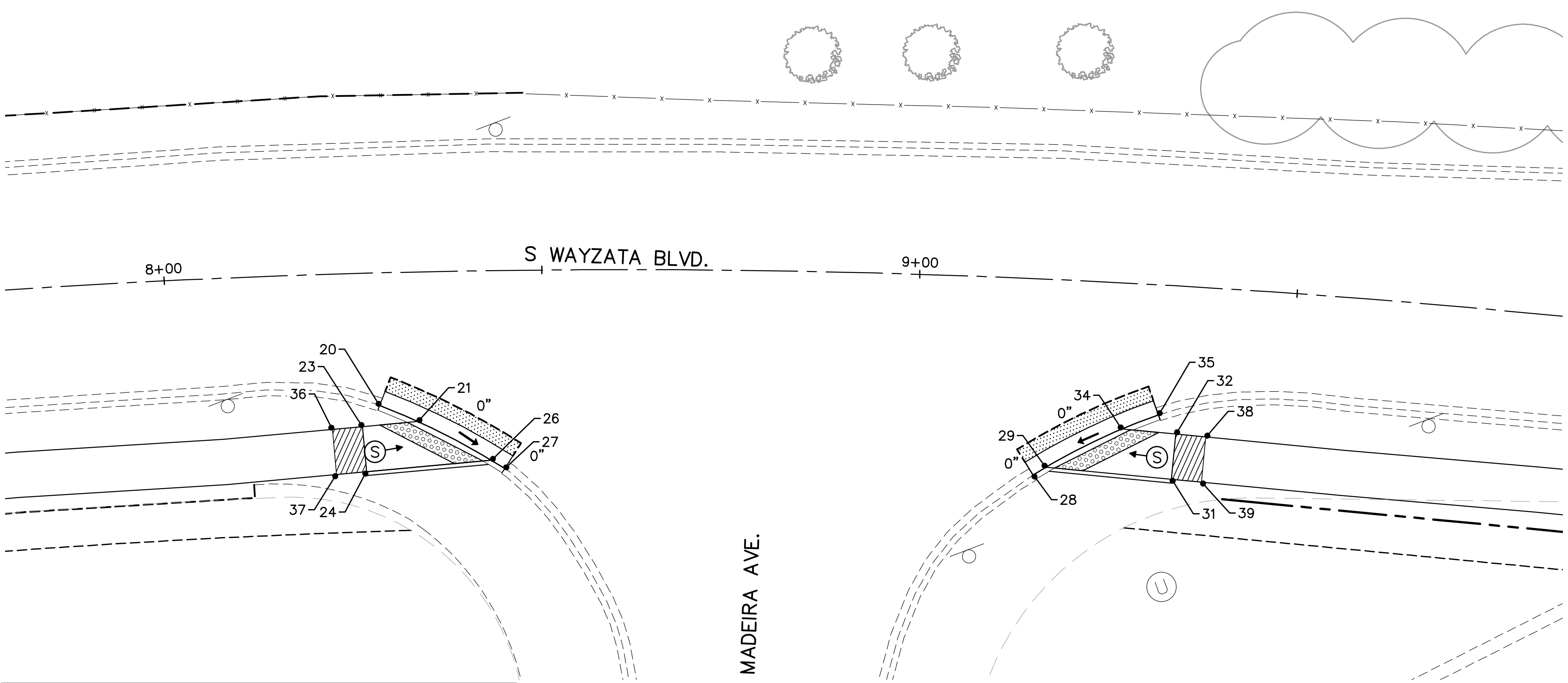
METROPOLITAN COUNCIL

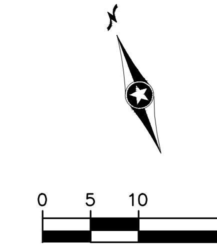
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 78

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-001





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
20	FLOW LINE	8+28.08	17.56 RT	876.32	S WAYZATA BLVD
21	DOME	8+33.16	19.81 RT	876.17	S WAYZATA BLVD
23	LANDING	8+25.69	20.30 RT	876.76	S WAYZATA BLVD
24	LANDING	8+26.08	26.29 RT	876.88	S WAYZATA BLVD
26	DOME	8+42.95	25.12 RT	875.87	S WAYZATA BLVD
27	FLOW LINE	8+44.75	26.25 RT	875.81	S WAYZATA BLVD
28	FLOW LINE	9+16.14	26.01 RT	875.70	S WAYZATA BLVD
29	DOME	9+17.84	24.89 RT	875.72	S WAYZATA BLVD
31	LANDING	9+34.84	25.62 RT	876.51	S WAYZATA BLVD
32	LANDING	9+35.07	19.62 RT	876.40	S WAYZATA BLVD
34	DOME	9+27.81	19.34 RT	875.83	S WAYZATA BLVD
35	FLOW LINE	9+32.59	17.23 RT	875.87	S WAYZATA BLVD
36	LANDING	8+21.63	20.55 RT	876.82	S WAYZATA BLVD
37	LANDING	8+22.00	26.54 RT	876.94	S WAYZATA BLVD
38	LANDING	9+39.13	19.76 RT	876.46	S WAYZATA BLVD
39	LANDING	9+38.93	25.76 RT	876.57	S WAYZATA BLVD

LEGEND

XXX CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

Jan. 19 2016 10:01 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_1.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

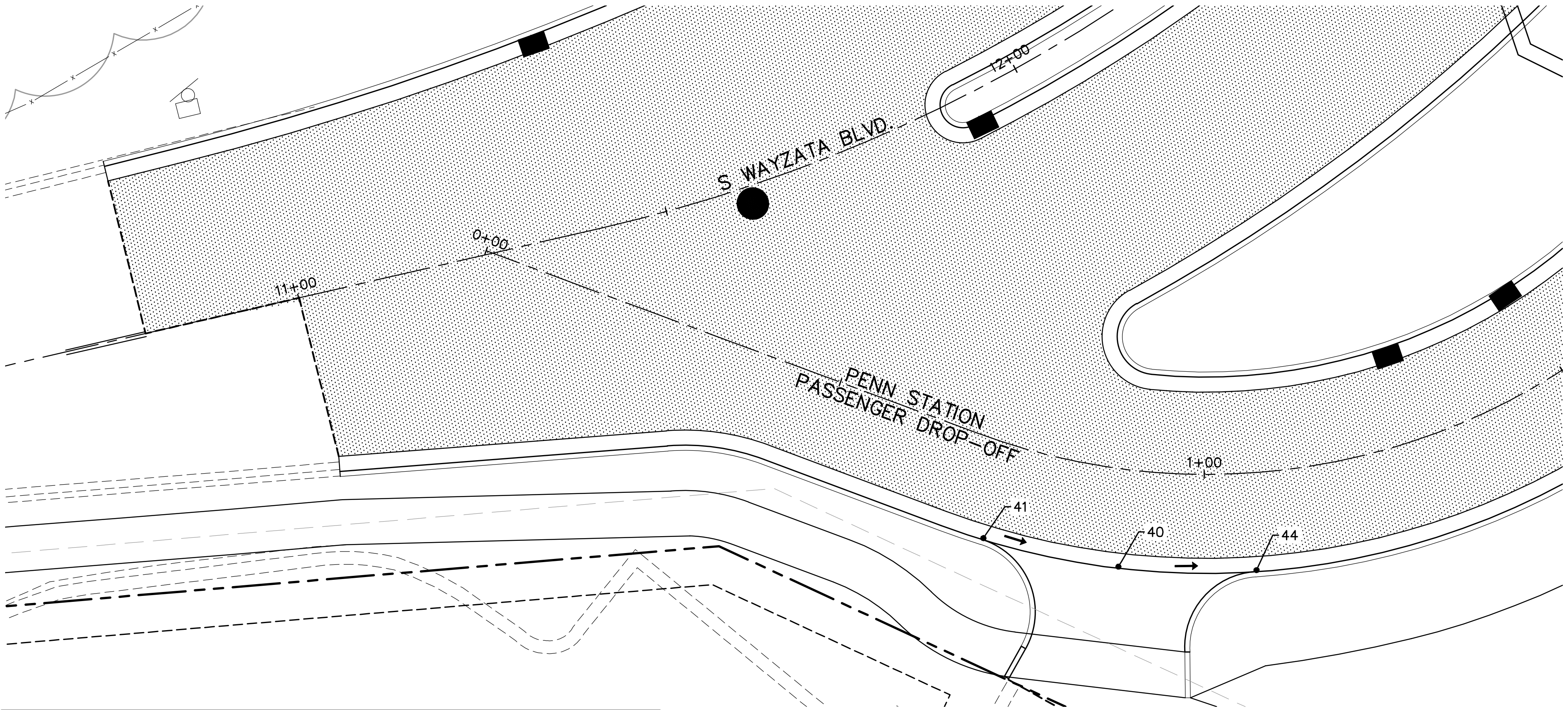
METROPOLITAN COUNCIL

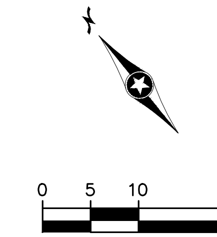
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 79

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-002





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
40	FLOW LINE	0+90.03	13.12 RT	876.17	PENN STATION PASSENGER DROP-OFF
41	FLOW LINE	0+74.12	13.14 RT	876.24	PENN STATION PASSENGER DROP-OFF
44	FLOW LINE	1+05.93	13.10 RT	876.10	PENN STATION PASSENGER DROP-OFF

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

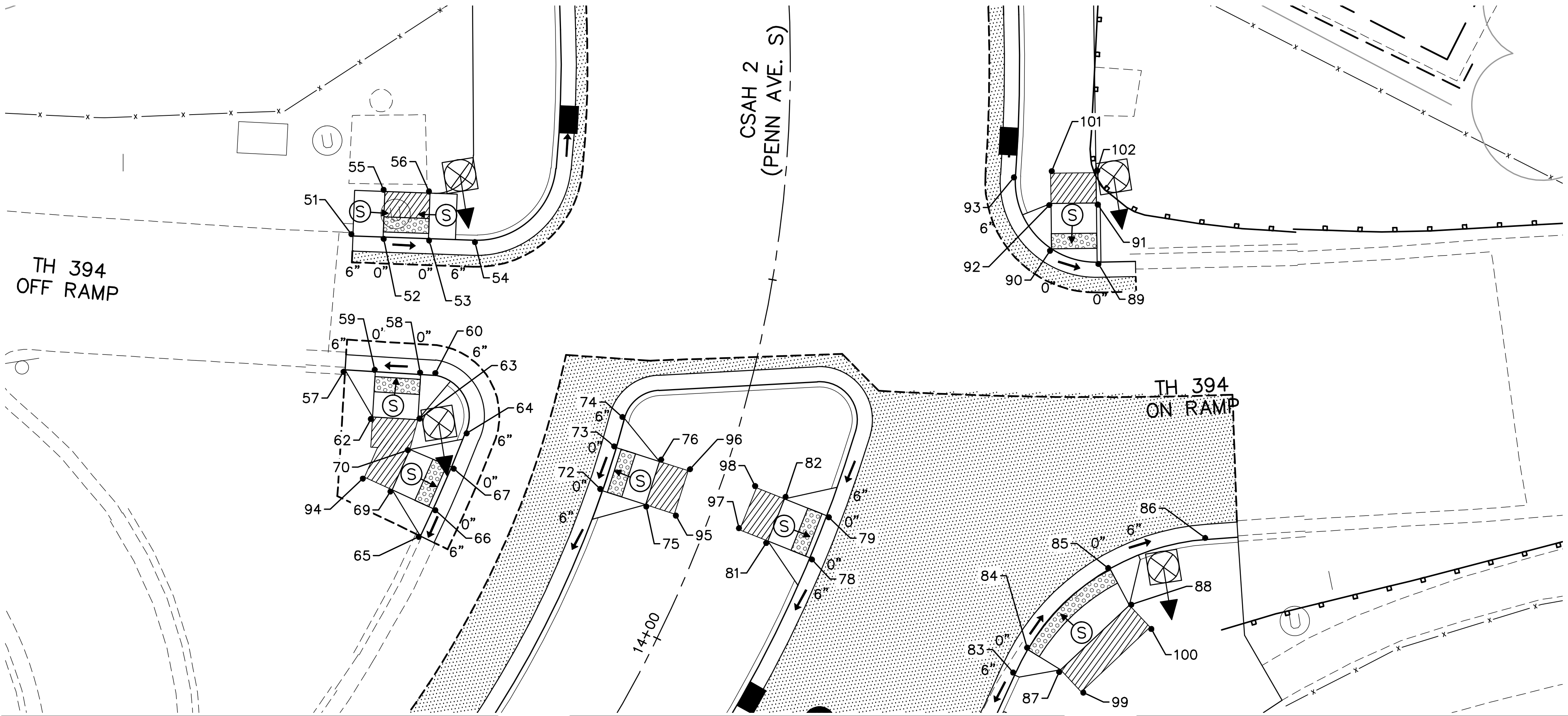
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 80

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-003



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
51	FLOW LINE	14+44.88	–55.66 LT	879.40	PENN AVE S
52	DOME	14+45.79	–51.71 LT	879.37	PENN AVE S
53	DOME	14+47.04	–45.78 LT	879.33	PENN AVE S
54	FLOW LINE	14+48.19	–39.78 LT	879.29	PENN AVE S
55	LANDING	14+54.34	–52.49 LT	879.49	PENN AVE S
56	LANDING	14+55.20	–46.52 LT	879.45	PENN AVE S
57	FLOW LINE	14+19.60	–51.92 LT	878.94	PENN AVE S
58	DOME	14+23.28	–42.29 LT	878.97	PENN AVE S
59	DOME	14+21.14	–48.08 LT	878.95	PENN AVE S
60	FLOW LINE	14+23.88	–40.57 LT	878.98	PENN AVE S
62	LANDING	14+13.22	–46.33 LT	879.43	PENN AVE S
63	LANDING	14+15.69	–40.62 LT	879.45	PENN AVE S
64	FLOW LINE	14+16.23	–34.11 LT	878.98	PENN AVE S
65	FLOW LINE	13+97.90	–34.04 LT	878.82	PENN AVE S
66	DOME	14+02.89	–34.11 LT	878.86	PENN AVE S
67	DOME	14+10.38	–34.14 LT	878.93	PENN AVE S
69	LANDING	14+02.79	–40.11 LT	879.34	PENN AVE S
70	LANDING	14+10.38	–40.14 LT	879.41	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
72	DOME	14+15.68	–14.44 LT	879.43	PENN AVE S
73	DOME	14+22.20	–14.66 LT	879.47	PENN AVE S
74	FLOW LINE	14+26.58	–14.82 LT	879.49	PENN AVE S
75	LANDING	14+16.01	–8.45 LT	879.91	PENN AVE S
76	LANDING	14+22.32	–8.66 LT	879.95	PENN AVE S
78	DOME	14+17.09	14.37 RT	878.99	PENN AVE S
79	DOME	14+22.62	14.60 RT	879.03	PENN AVE S
81	LANDING	14+17.21	8.37 RT	879.45	PENN AVE S
82	LANDING	14+22.92	8.60 RT	879.46	PENN AVE S
83	FLOW LINE	14+13.21	45.23 RT	879.55	PENN AVE S
84	DOME	14+16.10	45.61 RT	879.62	PENN AVE S
85	DOME	14+26.65	52.48 RT	879.45	PENN AVE S
86	FLOW LINE	14+32.21	63.66 RT	879.23	PENN AVE S
87	LANDING	14+15.35	50.63 RT	880.03	PENN AVE S
88	LANDING	14+23.82	56.32 RT	879.87	PENN AVE S
89	FLOW LINE	14+57.52	42.18 RT	879.76	PENN AVE S
90	DOME	14+58.37	35.99 RT	879.68	PENN AVE S
91	LANDING	14+63.79	41.26 RT	880.27	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
92	LANDING	14+63.30	35.29 RT	880.16	PENN AVE S
93	FLOW LINE	14+66.06	30.33 RT	879.52	PENN AVE S
94	LANDING	14+02.72	–44.11 LT	879.40	PENN AVE S
95	LANDING	14+16.22	–4.46 LT	879.97	PENN AVE S
96	LANDING	14+22.38	–4.66 LT	880.01	PENN AVE S
97	LANDING	14+17.29	4.37 RT	879.51	PENN AVE S
98	LANDING	14+23.13	4.61 RT	879.52	PENN AVE S
99	LANDING	14+14.04	54.24 RT	880.09	PENN AVE S
100	LANDING	14+22.40	59.84 RT	879.93	PENN AVE S
101	LANDING	14+66.61	34.93 RT	880.22	PENN AVE S
102	LANDING	14+67.01	40.90 RT	880.33	PENN AVE S

Jan, 19 2016 10:02 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_1.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

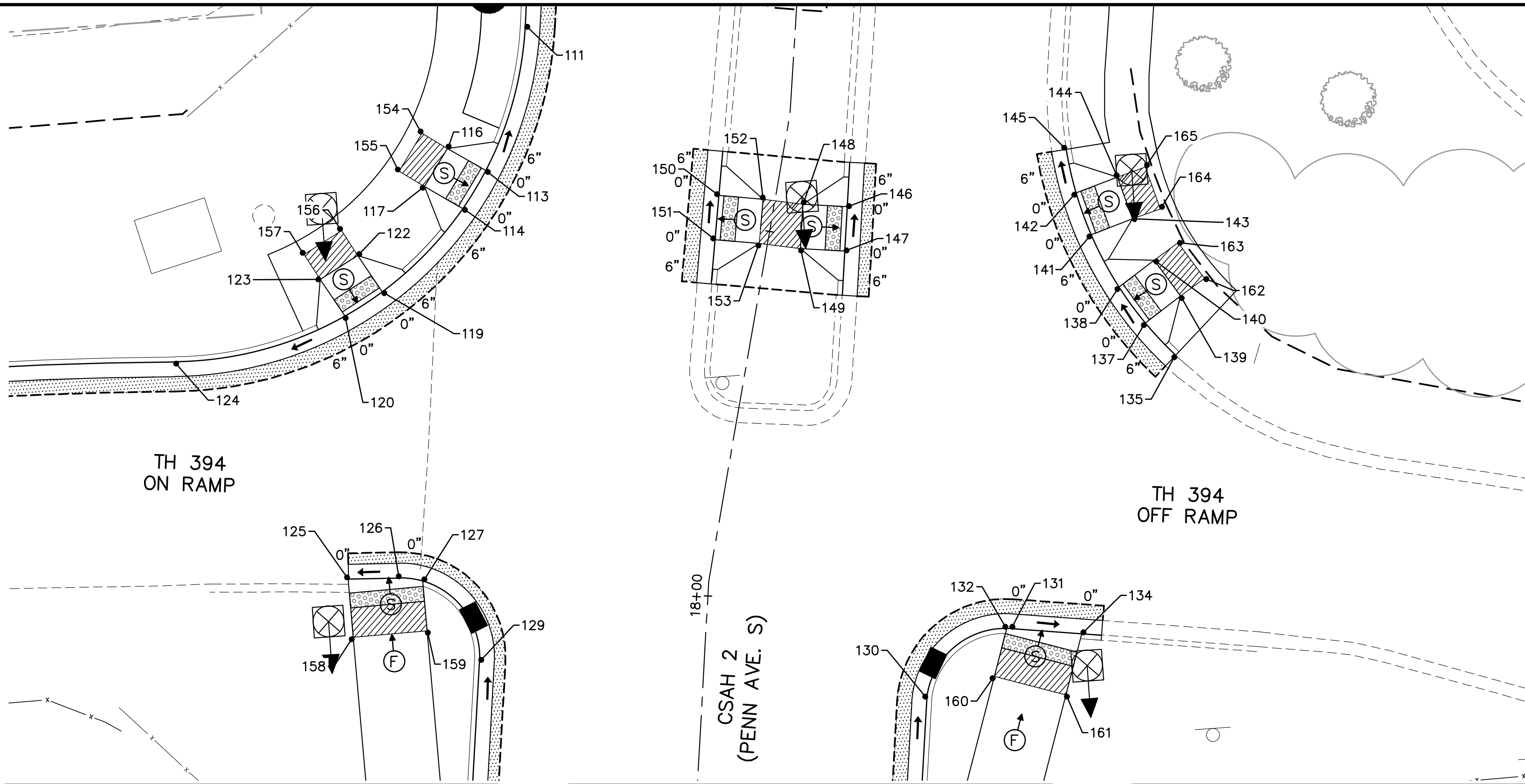
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 81

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-004

SHEET 99 OF 302



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
111	FLOW LINE	18+75.86	–36.45 LT	877.97	PENN AVE S
113	DOME	18+51.54	–39.20 LT	878.34	PENN AVE S
114	DOME	18+45.95	–41.37 LT	878.45	PENN AVE S
116	LANDING	18+53.59	–44.84 LT	878.82	PENN AVE S
117	LANDING	18+48.00	–47.01 LT	878.93	PENN AVE S
119	DOME	18+32.97	–50.18 LT	878.56	PENN AVE S
120	DOME	18+28.89	–54.58 LT	878.48	PENN AVE S
122	LANDING	18+37.25	–54.32 LT	879.04	PENN AVE S
123	LANDING	18+33.20	–58.75 LT	878.96	PENN AVE S
124	FLOW LINE	18+18.85	–76.25 LT	878.16	PENN AVE S
125	FLOW LINE	17+99.58	–48.63 LT	879.58	PENN AVE S
126	FLOW LINE	18+00.09	–41.78 LT	879.58	PENN AVE S
127	DOME	17+99.84	–38.58 LT	879.58	PENN AVE S
129	FLOW LINE	17+89.45	–30.33 LT	879.77	PENN AVE S
130	FLOW LINE	17+87.82	30.33 RT	879.94	PENN AVE S
131	FLOW LINE	17+97.85	41.18 RT	879.77	PENN AVE S
132	DOME	17+97.85	40.58 RT	879.77	PENN AVE S
134	FLOW LINE	17+97.69	50.74 RT	879.69	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
135	FLOW LINE	18+42.92	56.96 RT	878.59	PENN AVE S
137	DOME	18+46.50	52.18 RT	878.50	PENN AVE S
138	DOME	18+50.68	47.84 RT	878.42	PENN AVE S
139	LANDING	18+50.89	56.23 RT	878.98	PENN AVE S
140	LANDING	18+55.08	51.91 RT	878.90	PENN AVE S
141	DOME	18+57.01	42.91 RT	878.30	PENN AVE S
142	DOME	18+62.22	39.94 RT	878.21	PENN AVE S
143	LANDING	18+60.08	48.06 RT	878.78	PENN AVE S
144	LANDING	18+65.30	45.08 RT	878.69	PENN AVE S
145	FLOW LINE	18+66.09	37.65 RT	878.12	PENN AVE S
146	DOME	18+55.10	9.77 RT	878.85	PENN AVE S
147	DOME	18+49.14	10.47 RT	878.98	PENN AVE S
148	LANDING	18+54.40	3.81 RT	879.33	PENN AVE S
149	LANDING	18+48.44	4.51 RT	879.45	PENN AVE S
150	DOME	18+53.63	–7.57 LT	878.93	PENN AVE S
151	DOME	18+47.65	–7.06 LT	879.05	PENN AVE S
152	LANDING	18+54.14	–1.59 LT	879.41	PENN AVE S
153	LANDING	18+48.16	–1.08 LT	879.53	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
154	LANDING	18+55.04	–48.57 LT	878.88	PENN AVE S
155	LANDING	18+49.44	–50.74 LT	878.99	PENN AVE S
156	LANDING	18+40.20	–57.02 LT	879.10	PENN AVE S
157	LANDING	18+36.15	–61.45 LT	879.02	PENN AVE S
158	LANDING	17+91.77	–47.54 LT	879.95	PENN AVE S
159	LANDING	17+93.19	–37.64 LT	879.85	PENN AVE S
160	LANDING	17+91.29	39.27 RT	879.62	PENN AVE S
161	LANDING	17+89.33	49.08 RT	879.82	PENN AVE S
162	LANDING	18+53.81	59.01 RT	879.04	PENN AVE S
163	LANDING	18+57.97	54.68 RT	878.96	PENN AVE S
164	LANDING	18+62.07	51.53 RT	878.84	PENN AVE S
165	LANDING	18+66.09	48.57 RT	878.75	PENN AVE S

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

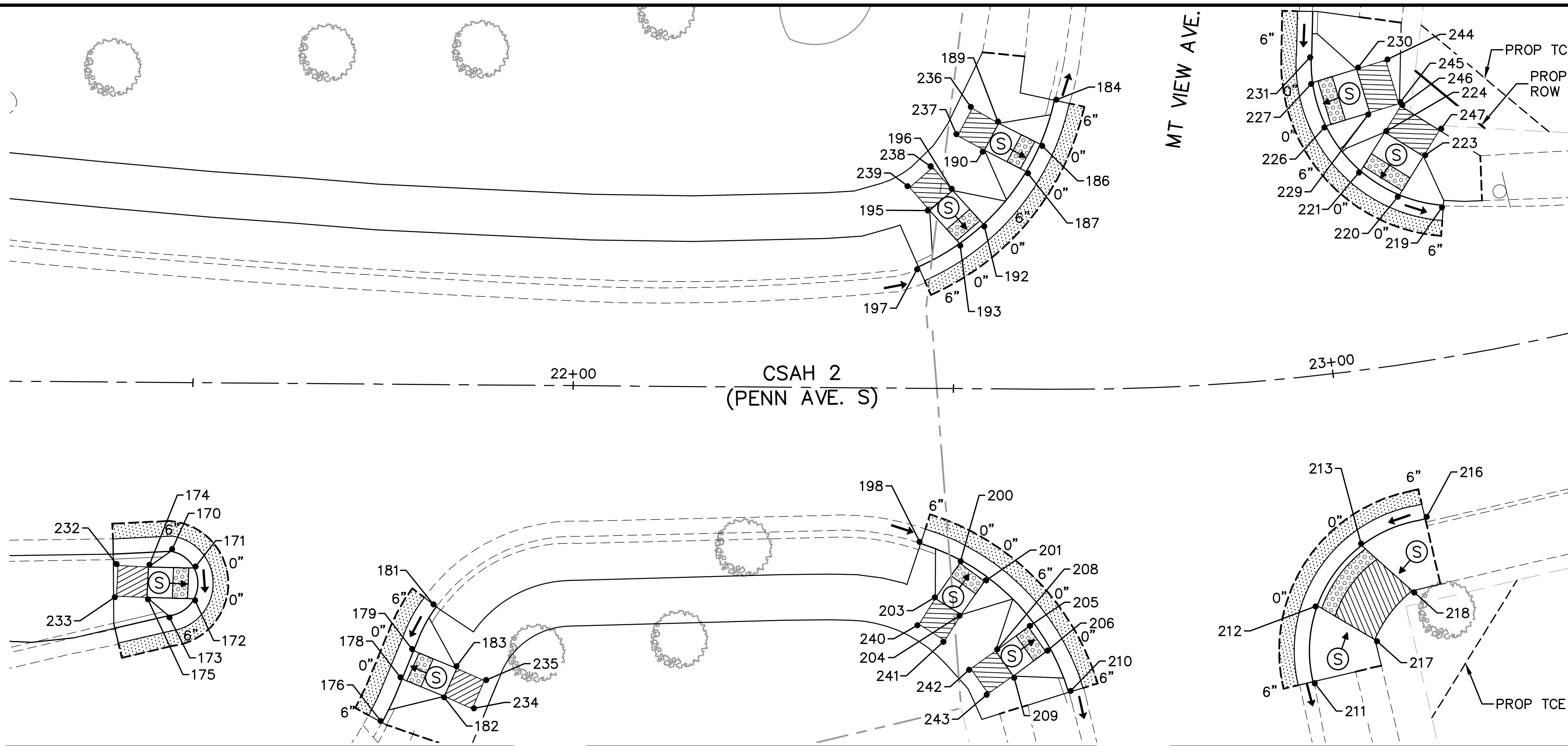
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 82

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-005

Jan, 19 2016 10:03 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_1.dwg By: V-GoldaszTG



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
170	FLOW LINE	21+47.24	22.19 RT	871.86	PENN AVE S
171	DOME	21+50.32	24.36 RT	871.79	PENN AVE S
172	DOME	21+50.36	28.37 RT	871.71	PENN AVE S
173	FLOW LINE	21+47.02	30.65 RT	871.64	PENN AVE S
174	LANDING	21+44.32	24.27 RT	872.27	PENN AVE S
175	LANDING	21+44.17	28.28 RT	872.21	PENN AVE S
176	FLOW LINE	21+75.21	44.46 RT	871.00	PENN AVE S
178	DOME	21+77.79	38.71 RT	871.26	PENN AVE S
179	DOME	21+79.29	34.98 RT	871.39	PENN AVE S
181	FLOW LINE	21+82.06	29.09 RT	871.58	PENN AVE S
182	LANDING	21+83.14	40.87 RT	871.72	PENN AVE S
183	LANDING	21+84.73	37.19 RT	871.80	PENN AVE S
184	FLOW LINE	22+63.00	–45.90 LT	874.84	PENN AVE S
186	DOME	22+61.12	–40.09 LT	875.08	PENN AVE S
187	DOME	22+59.32	–36.50 LT	875.24	PENN AVE S
189	LANDING	22+55.64	–42.82 LT	875.57	PENN AVE S
190	LANDING	22+53.76	–39.27 LT	875.65	PENN AVE S
192	DOME	22+53.75	–29.52 LT	875.60	PENN AVE S
193	DOME	22+50.64	–26.97 LT	875.77	PENN AVE S
195	LANDING	22+46.65	–31.29 LT	876.16	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
196	LANDING	22+49.66	–33.95 LT	876.09	PENN AVE S
197	FLOW LINE	22+45.24	–23.85 LT	876.02	PENN AVE S
198	FLOW LINE	22+45.85	20.39 RT	872.76	PENN AVE S
200	DOME	22+51.02	22.95 RT	872.61	PENN AVE S
201	DOME	22+54.28	25.30 RT	872.50	PENN AVE S
203	LANDING	22+48.00	27.35 RT	872.98	PENN AVE S
204	LANDING	22+51.26	29.69 RT	872.93	PENN AVE S
205	DOME	22+60.09	31.23 RT	872.24	PENN AVE S
206	DOME	22+62.43	34.49 RT	872.11	PENN AVE S
208	LANDING	22+55.83	34.44 RT	872.61	PENN AVE S
209	LANDING	22+58.18	37.70 RT	872.54	PENN AVE S
210	FLOW LINE	22+65.17	39.80 RT	871.85	PENN AVE S
211	FLOW LINE	22+93.54	39.96 RT	871.17	PENN AVE S
212	DOME	22+94.92	30.09 RT	871.73	PENN AVE S
213	DOME	23+01.04	22.86 RT	871.88	PENN AVE S
216	FLOW LINE	23+09.20	20.51 RT	872.50	PENN AVE S
217	LANDING	23+01.26	35.36 RT	871.90	PENN AVE S
218	LANDING	23+06.39	29.63 RT	872.06	PENN AVE S
219	FLOW LINE	23+19.76	–27.53 LT	873.45	PENN AVE S
220	DOME	23+13.71	–29.90 LT	873.70	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
221	DOME	23+08.61	–33.81 LT	873.95	PENN AVE S
223	LANDING	23+18.17	–34.39 LT	874.29	PENN AVE S
224	LANDING	23+13.05	–38.36 LT	874.41	PENN AVE S
226	DOME	23+04.42	–40.29 LT	874.27	PENN AVE S
227	DOME	23+03.26	–46.18 LT	874.52	PENN AVE S
229	LANDING	23+11.28	–41.20 LT	874.53	PENN AVE S
230	LANDING	23+10.28	–47.11 LT	874.59	PENN AVE S
231	FLOW LINE	23+03.62	–49.66 LT	874.66	PENN AVE S
232	LANDING	21+40.32	24.12 RT	872.33	PENN AVE S
233	LANDING	21+40.17	28.13 RT	872.27	PENN AVE S
234	LANDING	21+87.03	42.55 RT	871.79	PENN AVE S
235	LANDING	21+88.63	38.86 RT	871.86	PENN AVE S
236	LANDING	22+52.13	–44.75 LT	875.63	PENN AVE S
237	LANDING	22+50.23	–41.13 LT	875.71	PENN AVE S
238	LANDING	22+47.01	–36.95 LT	876.15	PENN AVE S
239	LANDING	22+44.00	–34.30 LT	876.22	PENN AVE S
240	LANDING	22+45.74	31.02 RT	873.07	PENN AVE S
241	LANDING	22+49.15	33.11 RT	872.99	PENN AVE S
242	LANDING	22+52.57	36.79 RT	872.67	PENN AVE S
243	LANDING	22+54.91	40.03 RT	872.60	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
244	LANDING	23+15.01	–47.66 LT	874.55	PENN AVE S
245	LANDING	23+15.88	–41.73 LT	874.49	PENN AVE S
246	LANDING	23+16.11	–41.38 LT	874.49	PENN AVE S
247	LANDING	23+21.22	–37.35 LT	874.37	PENN AVE S

0 5 10 20

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

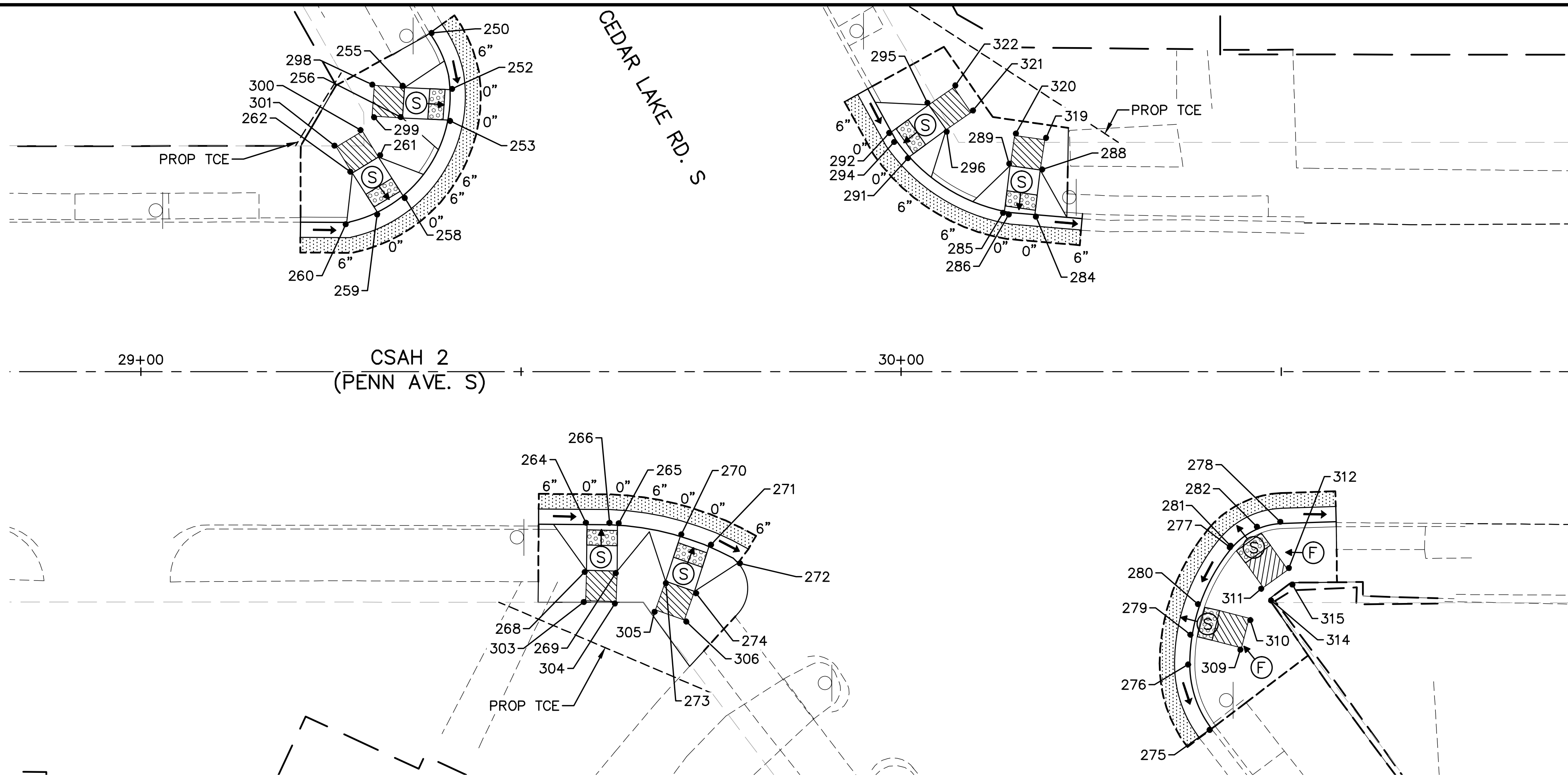
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 83

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-006



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
(S)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
(F)	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
250	FLOW LINE	29+38.00	−44.52 LT	864.27	PENN AVE S
252	DOME	29+40.70	−37.09 LT	863.99	PENN AVE S
253	DOME	29+40.42	−33.09 LT	863.95	PENN AVE S
255	LANDING	29+34.70	−37.37 LT	864.48	PENN AVE S
256	LANDING	29+34.42	−33.36 LT	864.43	PENN AVE S
258	DOME	29+34.52	−23.10 LT	863.81	PENN AVE S
259	DOME	29+31.14	−20.93 LT	863.77	PENN AVE S
260	FLOW LINE	29+27.09	−19.64 LT	863.72	PENN AVE S
261	LANDING	29+31.23	−28.22 LT	864.30	PENN AVE S
262	LANDING	29+27.80	−26.14 LT	864.26	PENN AVE S
264	DOME	29+58.68	20.11 RT	863.20	PENN AVE S
265	DOME	29+62.69	20.18 RT	863.15	PENN AVE S
266	FLOW LINE	29+61.68	20.13 RT	863.15	PENN AVE S
268	LANDING	29+58.63	26.11 RT	863.68	PENN AVE S
269	LANDING	29+62.65	26.23 RT	863.63	PENN AVE S
270	DOME	29+70.94	21.65 RT	863.09	PENN AVE S
271	DOME	29+74.72	23.00 RT	863.06	PENN AVE S
272	FLOW LINE	29+78.54	25.15 RT	863.06	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
273	LANDING	29+69.02	27.55 RT	863.59	PENN AVE S
274	LANDING	29+72.81	28.88 RT	863.56	PENN AVE S
275	FLOW LINE	30+40.82	46.95 RT	861.22	PENN AVE S
276	FLOW LINE	30+37.98	38.38 RT	861.52	PENN AVE S
277	FLOW LINE	30+43.46	23.25 RT	862.06	PENN AVE S
278	FLOW LINE	30+50.10	19.96 RT	862.23	PENN AVE S
279	DOME	30+38.28	34.76 RT	861.64	PENN AVE S
280	DOME	30+39.28	30.75 RT	861.78	PENN AVE S
281	DOME	30+43.57	23.12 RT	862.07	PENN AVE S
282	DOME	30+47.04	20.62 RT	862.21	PENN AVE S
284	DOME	30+17.58	−20.65 LT	863.00	PENN AVE S
285	DOME	30+13.60	−21.14 LT	863.03	PENN AVE S
286	FLOW LINE	30+14.32	−20.93 LT	863.02	PENN AVE S
288	LANDING	30+18.30	−26.52 LT	863.48	PENN AVE S
289	LANDING	30+14.32	−27.10 LT	863.51	PENN AVE S
291	DOME	30+01.13	−28.32 LT	863.16	PENN AVE S
292	DOME	29+98.68	−31.61 LT	863.15	PENN AVE S
294	FLOW LINE	29+99.33	−30.44 LT	863.14	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
295	LANDING	30+03.61	−35.10 LT	863.63	PENN AVE S
296	LANDING	30+05.91	−31.81 LT	863.63	PENN AVE S
298	LANDING	29+30.71	−37.64 LT	864.54	PENN AVE S
299	LANDING	29+30.43	−33.64 LT	864.49	PENN AVE S
300	LANDING	29+29.15	−31.64 LT	864.36	PENN AVE S
301	LANDING	29+25.72	−29.55 LT	864.32	PENN AVE S
303	LANDING	29+58.51	30.11 RT	863.74	PENN AVE S
304	LANDING	29+62.52	30.23 RT	863.69	PENN AVE S
305	LANDING	29+67.70	31.33 RT	863.65	PENN AVE S
306	LANDING	29+71.49	32.66 RT	863.62	PENN AVE S
309	LANDING	30+44.77	36.31 RT	861.90	PENN AVE S
310	LANDING	30+45.76	32.42 RT	861.97	PENN AVE S
311	LANDING	30+47.59	28.40 RT	862.33	PENN AVE S
312	LANDING	30+50.86	26.07 RT	862.40	PENN AVE S
314	WALK	30+48.39	29.89 RT	862.20	PENN AVE S
315	WALK	30+51.26	27.75 RT	861.97	PENN AVE S
319	LANDING	30+18.88	−30.49 LT	863.54	PENN AVE S
320	LANDING	30+14.92	−31.07 LT	863.58	PENN AVE S

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
321	LANDING	30+09.20	−34.10 LT	863.69	PENN AVE S
322	LANDING	30+06.91	−37.39 LT	863.70	PENN AVE S

0 5 10 20

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

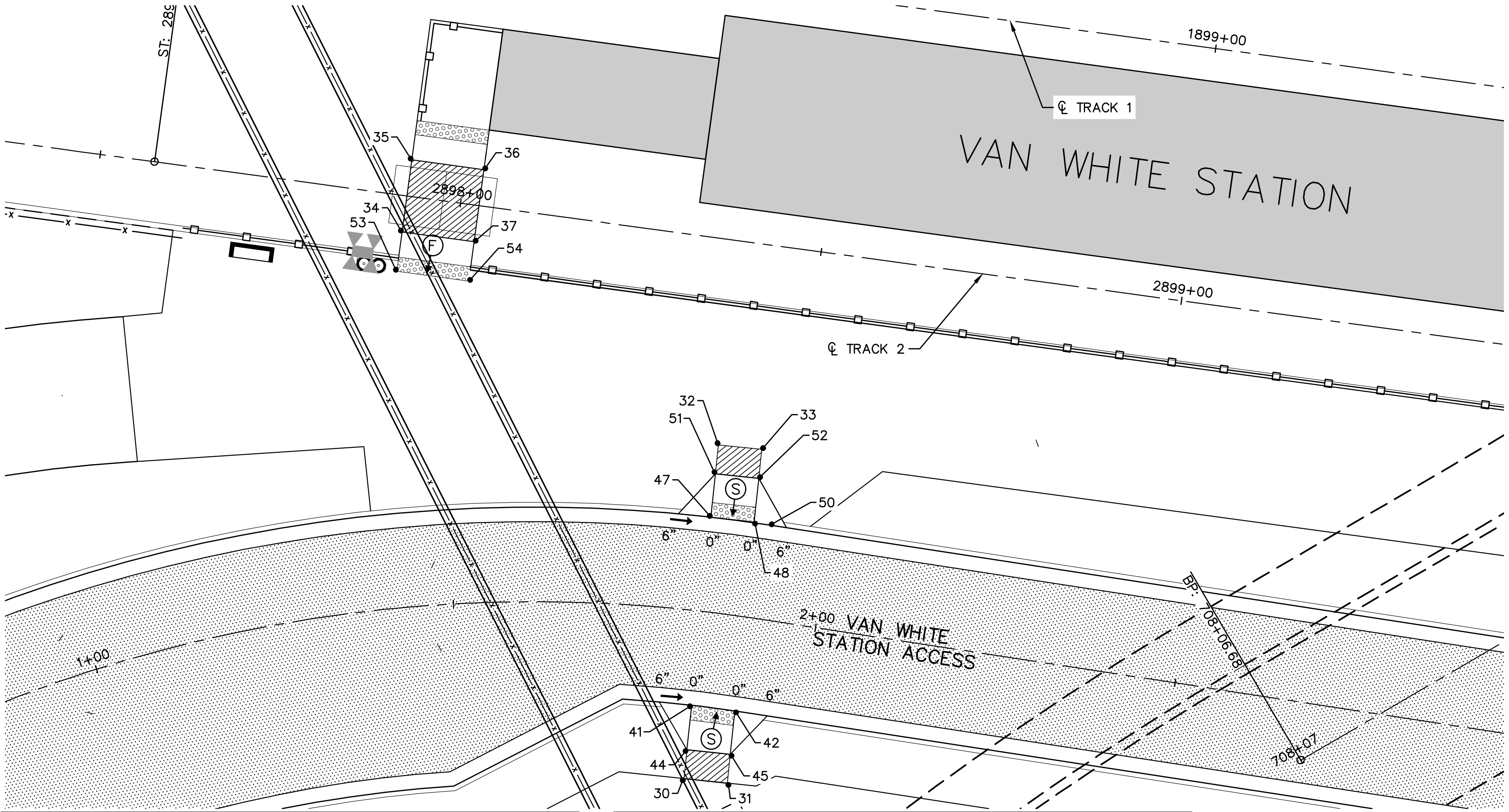
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 84

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-007



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
30	LANDING	1+84.42	23.17 RT	818.20	VAN WHITE STATION ACCESS
31	LANDING	1+91.24	22.99 RT	818.16	VAN WHITE STATION ACCESS
32	LANDING	1+83.87	−23.00 LT	818.24	VAN WHITE STATION ACCESS
33	LANDING	1+89.25	−23.13 LT	818.12	VAN WHITE STATION ACCESS
34	LANDING	1+46.67	−51.51 LT	818.47	VAN WHITE STATION ACCESS
35	LANDING	1+48.25	−61.31 LT	818.85	VAN WHITE STATION ACCESS
36	LANDING	1+55.80	−59.51 LT	815.59	VAN WHITE STATION ACCESS
37	LANDING	1+54.51	−49.65 LT	817.97	VAN WHITE STATION ACCESS
41	DOME	1+84.30	13.02 RT	817.57	VAN WHITE STATION ACCESS
42	DOME	1+90.72	13.00 RT	817.53	VAN WHITE STATION ACCESS
44	LANDING	1+84.37	19.17 RT	818.14	VAN WHITE STATION ACCESS
45	LANDING	1+91.00	19.00 RT	817.91	VAN WHITE STATION ACCESS

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
47	DOME	1+83.99	−13.00 LT	817.70	VAN WHITE STATION ACCESS
48	DOME	1+89.62	−13.14 LT	817.59	VAN WHITE STATION ACCESS
50	FLOW LINE	1+91.68	−13.00 LT	817.52	VAN WHITE STATION ACCESS
51	LANDING	1+83.91	−19.00 LT	818.18	VAN WHITE STATION ACCESS
52	LANDING	1+89.38	−19.14 LT	818.06	VAN WHITE STATION ACCESS
53	DOME	1+45.76	−46.17 LT	818.26	VAN WHITE STATION ACCESS
54	DOME	1+53.76	−44.26 LT	818.24	VAN WHITE STATION ACCESS

0 5 10 20

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

(S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

(F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

→ DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

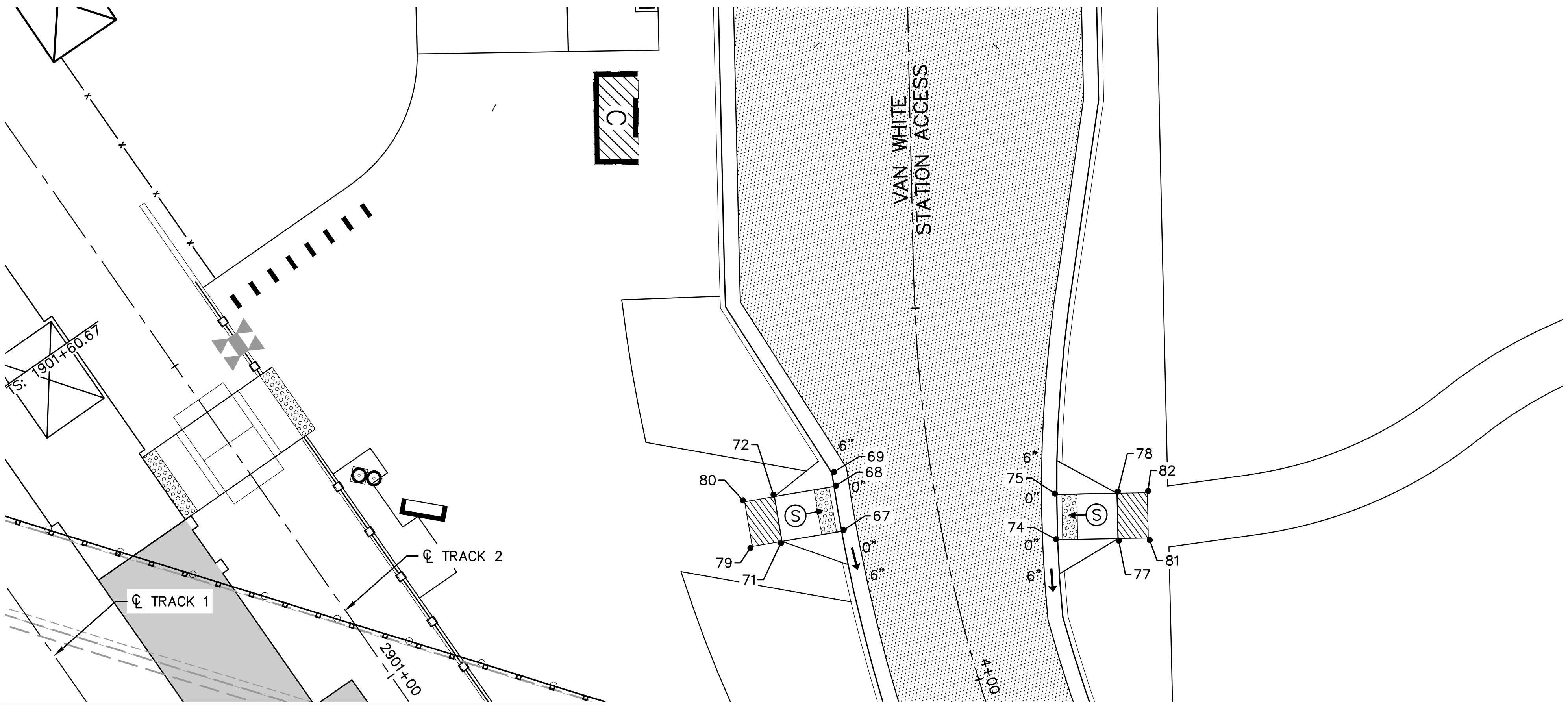
METROPOLITAN COUNCIL

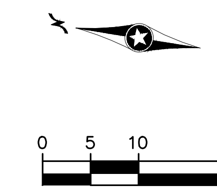
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 85

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-008





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
67	DOME	4+22.67	−13.00 LT	817.34	VAN WHITE STATION ACCESS
68	DOME	4+28.28	−13.00 LT	817.36	VAN WHITE STATION ACCESS
69	FLOW LINE	4+30.00	−13.00 LT	817.35	VAN WHITE STATION ACCESS
71	LANDING	4+22.76	−21.00 LT	817.99	VAN WHITE STATION ACCESS
72	LANDING	4+28.19	−21.00 LT	817.97	VAN WHITE STATION ACCESS
74	DOME	4+15.83	14.80 RT	817.32	VAN WHITE STATION ACCESS
75	DOME	4+22.22	15.87 RT	817.34	VAN WHITE STATION ACCESS
77	LANDING	4+14.08	22.64 RT	817.96	VAN WHITE STATION ACCESS
78	LANDING	4+20.75	23.76 RT	817.98	VAN WHITE STATION ACCESS
79	LANDING	4+22.81	−25.00 LT	818.05	VAN WHITE STATION ACCESS
80	LANDING	4+28.14	−25.00 LT	818.03	VAN WHITE STATION ACCESS
81	LANDING	4+13.15	26.56 RT	818.02	VAN WHITE STATION ACCESS
82	LANDING	4+19.96	27.70 RT	818.04	VAN WHITE STATION ACCESS

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

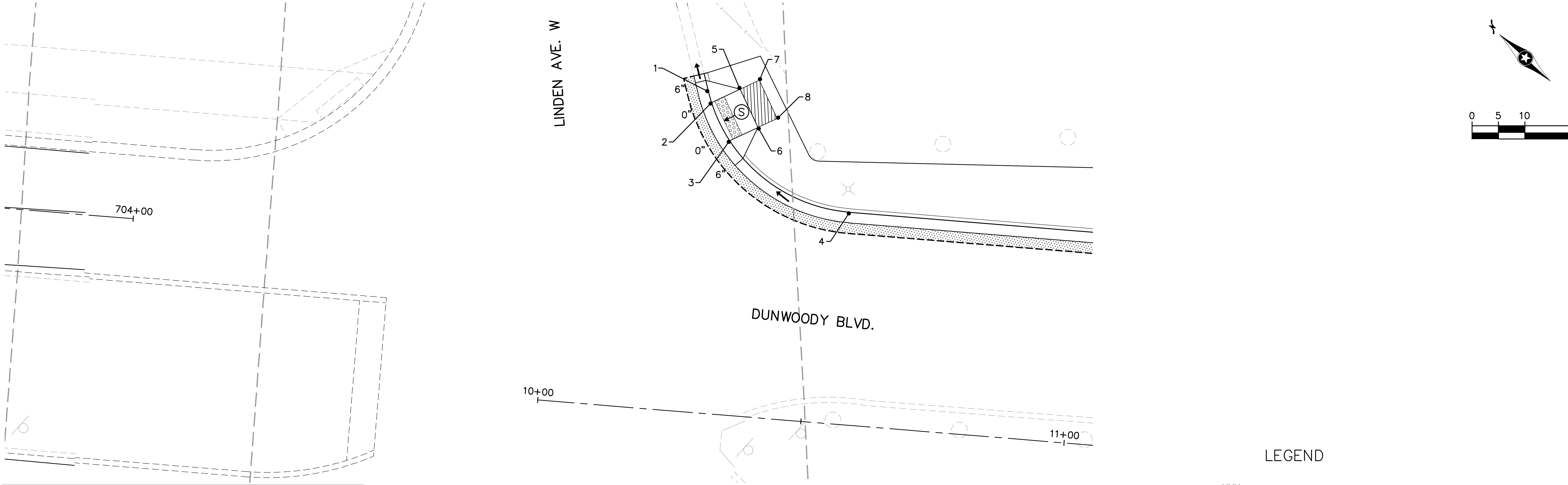
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 86

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-009



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
1	FLOW LINE	10+27.48	−60.85 LT	818.84	DUNWOODY BLVD
2	DOME	10+28.23	−58.84 LT	818.86	DUNWOODY BLVD
3	DOME	10+32.23	−51.91 LT	818.93	DUNWOODY BLVD
4	FLOW LINE	10+55.97	−40.24 LT	819.17	DUNWOODY BLVD
5	LANDING	10+33.41	−61.82 LT	819.34	DUNWOODY BLVD
6	LANDING	10+37.36	−54.86 LT	819.40	DUNWOODY BLVD
7	LANDING	10+36.88	−63.79 LT	819.40	DUNWOODY BLVD
8	LANDING	10+40.84	−56.84 LT	819.46	DUNWOODY BLVD

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

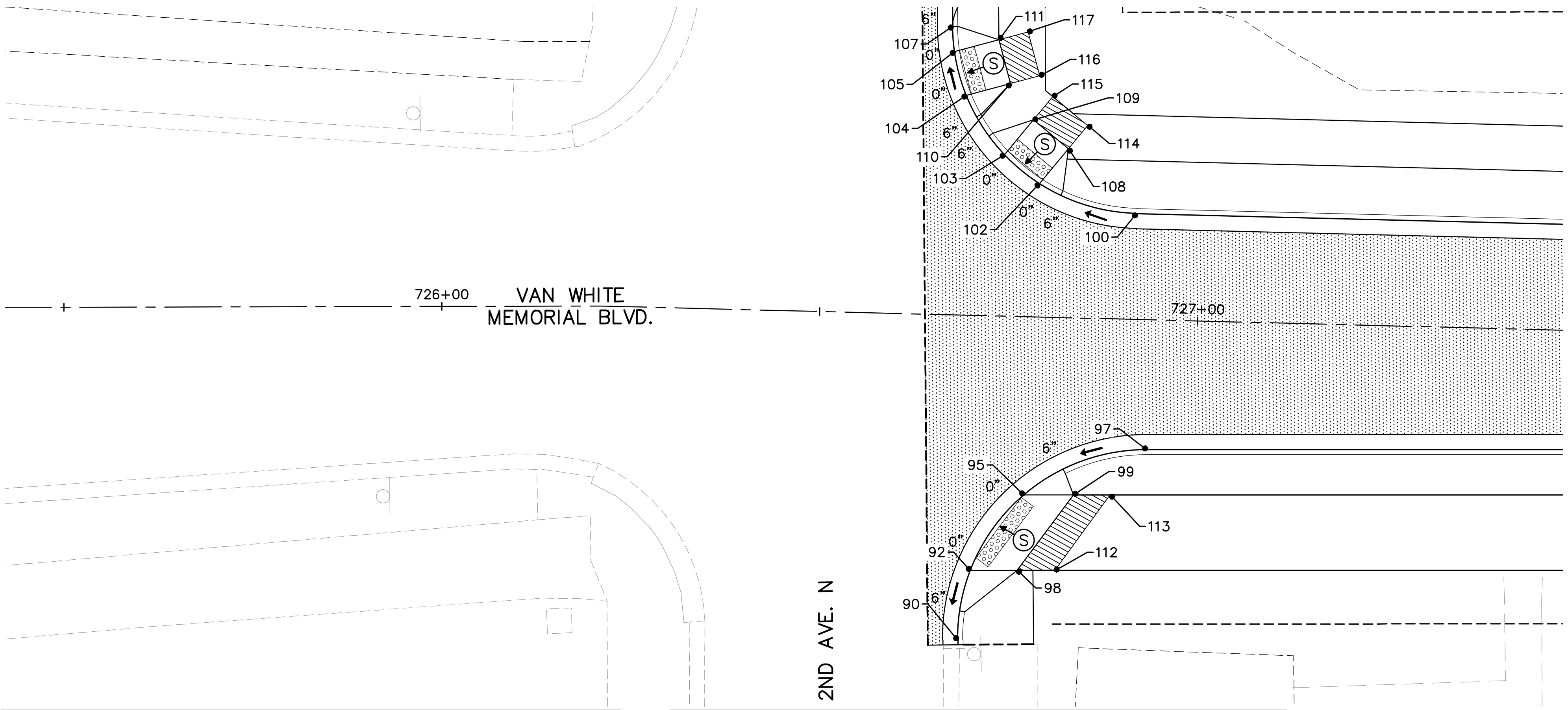
METROPOLITAN COUNCIL

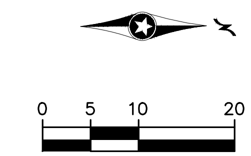
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 87

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-010





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
90	FLOW LINE	726+69.38	43.02 RT	807.98	VAN WHITE MEMORIAL BLVD
92	DOME	726+70.82	33.77 RT	808.03	VAN WHITE MEMORIAL BLVD
95	DOME	726+77.65	23.59 RT	808.10	VAN WHITE MEMORIAL BLVD
97	FLOW LINE	726+93.74	17.19 RT	808.19	VAN WHITE MEMORIAL BLVD
98	LANDING	726+76.96	33.61 RT	808.52	VAN WHITE MEMORIAL BLVD
99	LANDING	726+84.18	23.43 RT	808.62	VAN WHITE MEMORIAL BLVD
100	FLOW LINE	726+91.64	−14.00 LT	808.23	VAN WHITE MEMORIAL BLVD
102	DOME	726+78.64	−17.65 LT	808.16	VAN WHITE MEMORIAL BLVD
103	DOME	726+73.92	−21.36 LT	808.13	VAN WHITE MEMORIAL BLVD
104	DOME	726+68.68	−29.09 LT	808.09	VAN WHITE MEMORIAL BLVD
105	DOME	726+66.98	−34.85 LT	808.06	VAN WHITE MEMORIAL BLVD
107	FLOW LINE	726+66.65	−38.16 LT	808.05	VAN WHITE MEMORIAL BLVD
108	LANDING	726+82.35	−22.36 LT	808.64	VAN WHITE MEMORIAL BLVD
109	LANDING	726+77.64	−26.07 LT	808.61	VAN WHITE MEMORIAL BLVD
110	LANDING	726+74.49	−30.81 LT	808.58	VAN WHITE MEMORIAL BLVD
111	LANDING	726+72.79	−36.56 LT	808.55	VAN WHITE MEMORIAL BLVD
112	LANDING	726+81.95	33.49 RT	808.60	VAN WHITE MEMORIAL BLVD
113	LANDING	726+89.01	23.31 RT	808.69	VAN WHITE MEMORIAL BLVD
114	LANDING	726+84.82	−25.50 LT	808.70	VAN WHITE MEMORIAL BLVD
115	LANDING	726+80.11	−29.21 LT	808.67	VAN WHITE MEMORIAL BLVD

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
116	LANDING	726+78.33	−31.94 LT	808.64	VAN WHITE MEMORIAL BLVD
117	LANDING	726+76.63	−37.70 LT	808.61	VAN WHITE MEMORIAL BLVD

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

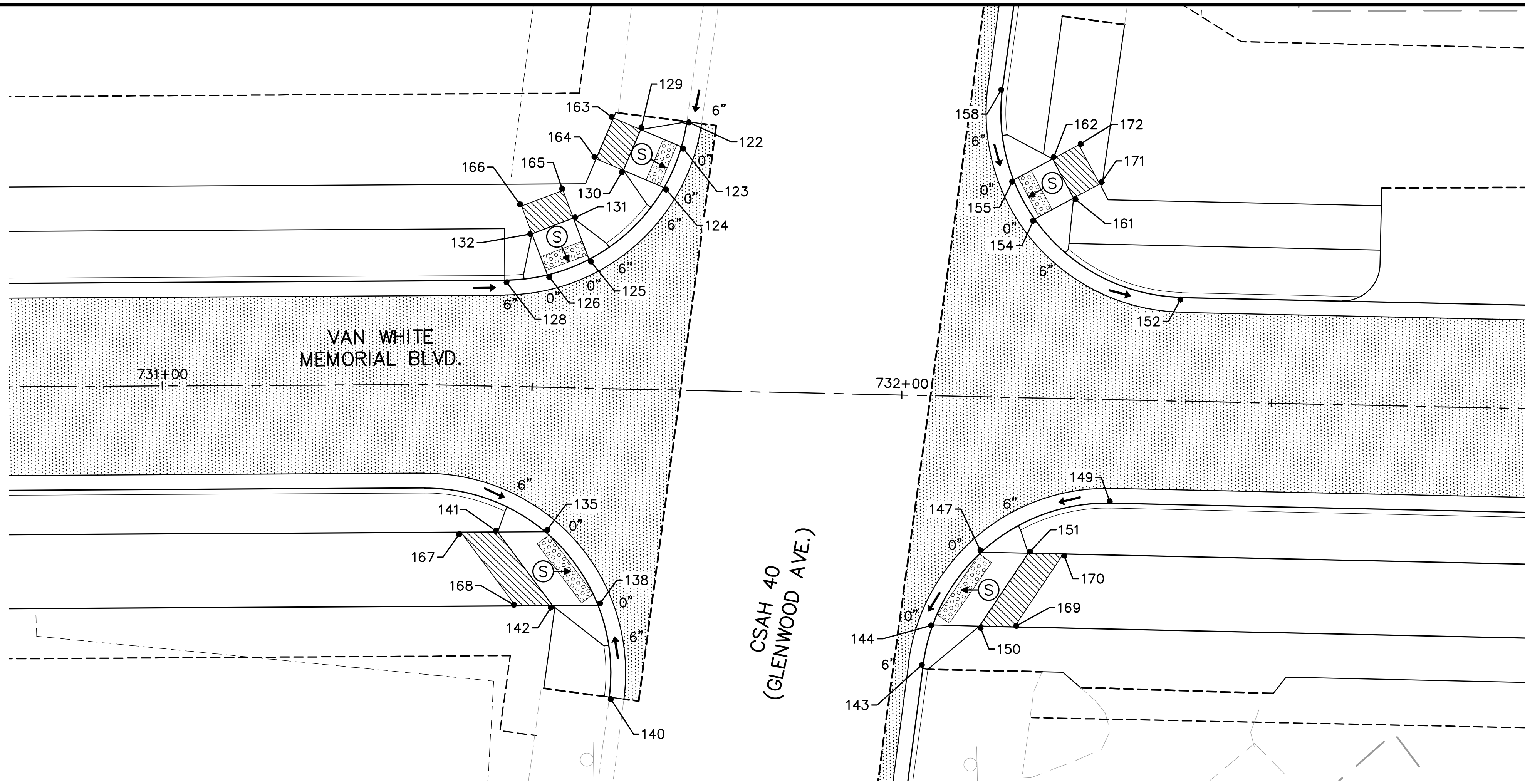
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 88

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-011



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
122	FLOW LINE	731+70.16	−36.33 LT	814.83	VAN WHITE MEMORIAL BLVD
123	DOME	731+69.50	−32.91 LT	814.80	VAN WHITE MEMORIAL BLVD
124	DOME	731+67.28	−27.33 LT	814.75	VAN WHITE MEMORIAL BLVD
125	DOME	731+57.33	−17.37 LT	814.63	VAN WHITE MEMORIAL BLVD
126	DOME	731+51.76	−15.14 LT	814.58	VAN WHITE MEMORIAL BLVD
128	FLOW LINE	731+46.02	−14.31 LT	814.53	VAN WHITE MEMORIAL BLVD
129	LANDING	731+63.93	−35.13 LT	815.28	VAN WHITE MEMORIAL BLVD
130	LANDING	731+61.71	−29.55 LT	815.23	VAN WHITE MEMORIAL BLVD
131	LANDING	731+55.11	−22.94 LT	815.11	VAN WHITE MEMORIAL BLVD
132	LANDING	731+49.53	−20.71 LT	815.06	VAN WHITE MEMORIAL BLVD
135	FLOW LINE	731+52.23	19.53 RT	814.46	VAN WHITE MEMORIAL BLVD
138	FLOW LINE	731+59.58	29.33 RT	814.47	VAN WHITE MEMORIAL BLVD
140	FLOW LINE	731+61.36	41.71 RT	814.48	VAN WHITE MEMORIAL BLVD
141	LANDING	731+45.78	19.71 RT	814.98	VAN WHITE MEMORIAL BLVD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
142	LANDING	731+53.42	29.50 RT	814.96	VAN WHITE MEMORIAL BLVD
143	FLOW LINE	732+03.74	36.24 RT	814.68	VAN WHITE MEMORIAL BLVD
144	FLOW LINE	732+04.91	31.00 RT	814.68	VAN WHITE MEMORIAL BLVD
147	FLOW LINE	732+11.24	21.00 RT	814.69	VAN WHITE MEMORIAL BLVD
149	FLOW LINE	732+28.59	14.00 RT	814.71	VAN WHITE MEMORIAL BLVD
150	LANDING	732+11.18	31.00 RT	815.18	VAN WHITE MEMORIAL BLVD
151	LANDING	732+17.56	21.00 RT	815.20	VAN WHITE MEMORIAL BLVD
152	FLOW LINE	732+37.58	−14.00 LT	814.67	VAN WHITE MEMORIAL BLVD
154	DOME	732+17.43	−24.20 LT	815.00	VAN WHITE MEMORIAL BLVD
155	DOME	732+14.49	−29.43 LT	815.08	VAN WHITE MEMORIAL BLVD
158	FLOW LINE	732+12.74	−41.81 LT	815.26	VAN WHITE MEMORIAL BLVD
161	LANDING	732+22.66	−27.15 LT	815.48	VAN WHITE MEMORIAL BLVD
162	LANDING	732+19.71	−32.37 LT	815.56	VAN WHITE MEMORIAL BLVD
163	LANDING	731+60.21	−36.61 LT	815.34	VAN WHITE MEMORIAL BLVD

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
164	LANDING	731+57.99	−31.03 LT	815.29	VAN WHITE MEMORIAL BLVD
165	LANDING	731+53.62	−26.65 LT	815.17	VAN WHITE MEMORIAL BLVD
166	LANDING	731+48.05	−24.43 LT	815.12	VAN WHITE MEMORIAL BLVD
167	LANDING	731+40.81	19.85 RT	815.05	VAN WHITE MEMORIAL BLVD
168	LANDING	731+48.45	29.64 RT	815.04	VAN WHITE MEMORIAL BLVD
169	LANDING	732+15.93	31.00 RT	815.25	VAN WHITE MEMORIAL BLVD
170	LANDING	732+22.30	21.00 RT	815.27	VAN WHITE MEMORIAL BLVD
171	LANDING	732+26.14	−29.11 LT	815.54	VAN WHITE MEMORIAL BLVD
172	LANDING	732+23.20	−34.34 LT	815.62	VAN WHITE MEMORIAL BLVD

Jan, 19 2016 10:09 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_2.dwg By: V-GoloszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

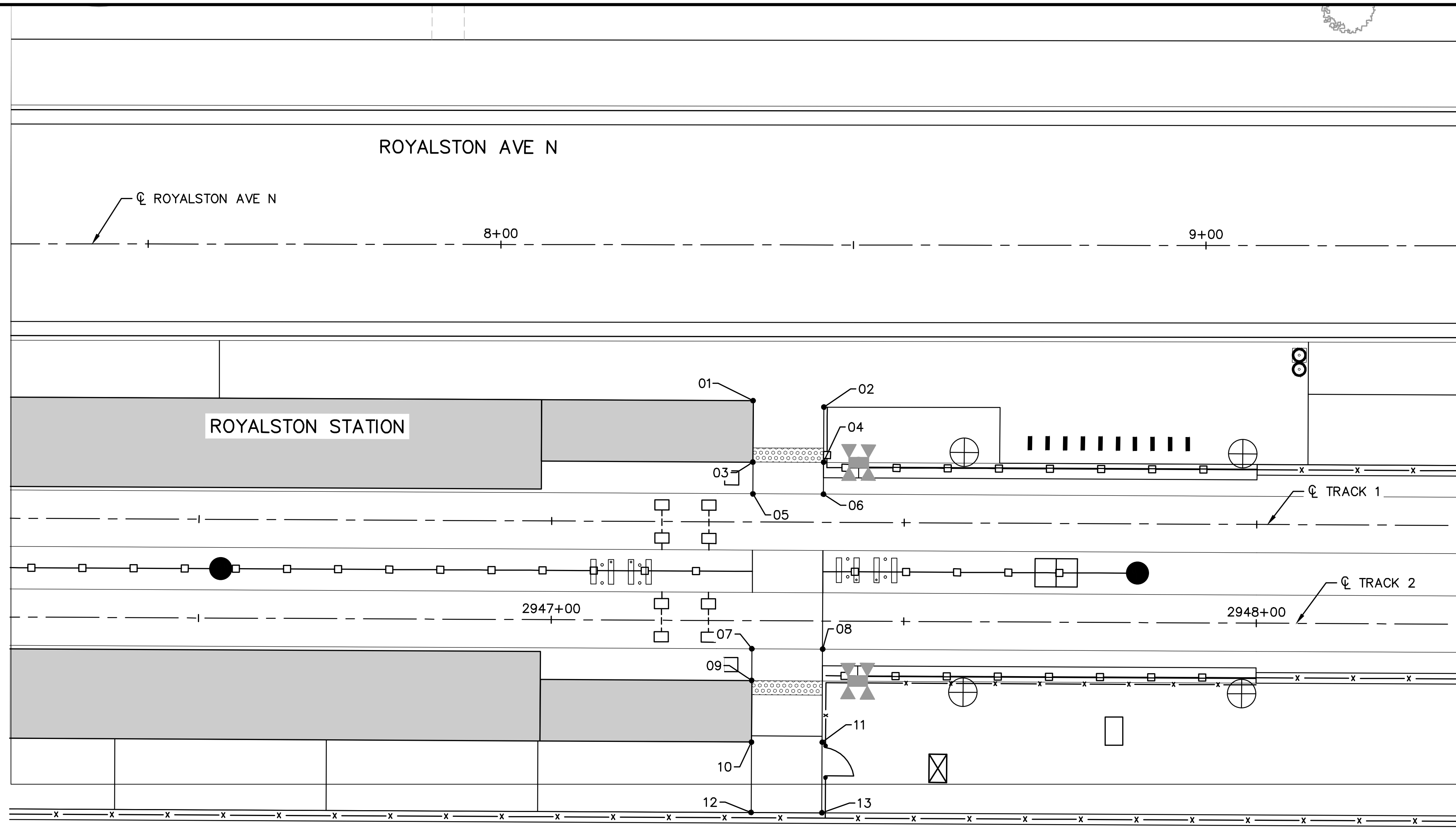
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 89

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-012

SHEET 107 OF 302



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
01	TOP SWK	1947+28.50	–17.19 LT	841.64	TRACK 1
02	TOP SWK	1947+38.50	–16.32 LT	841.54	TRACK 1
03	TOP SWK	1947+28.50	–8.50 LT	841.64	TRACK 1
05	TOP SWK	1947+28.50	–4.00 LT	841.42	TRACK 1
06	TOP SWK	1947+38.50	–4.00 LT	841.35	TRACK 1
07	TOP SWK	2947+28.50	4.00 RT	841.42	TRACK 2
08	TOP SWK	2947+38.50	4.00 RT	841.35	TRACK 2
09	TOP SWK	2947+28.50	8.48 RT	841.42	TRACK 2
10	TOP SWK	2947+28.50	17.19 RT	841.42	TRACK 2
11	TOP SWK	2947+38.50	17.19 RT	841.35	TRACK 2
12	TOP SWK	2947+28.50	27.19 RT	841.28	TRACK 2
13	TOP SWK	2947+38.50	27.19 RT	841.21	TRACK 2

Jan. 18 2016 10:19 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_LAC_1.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

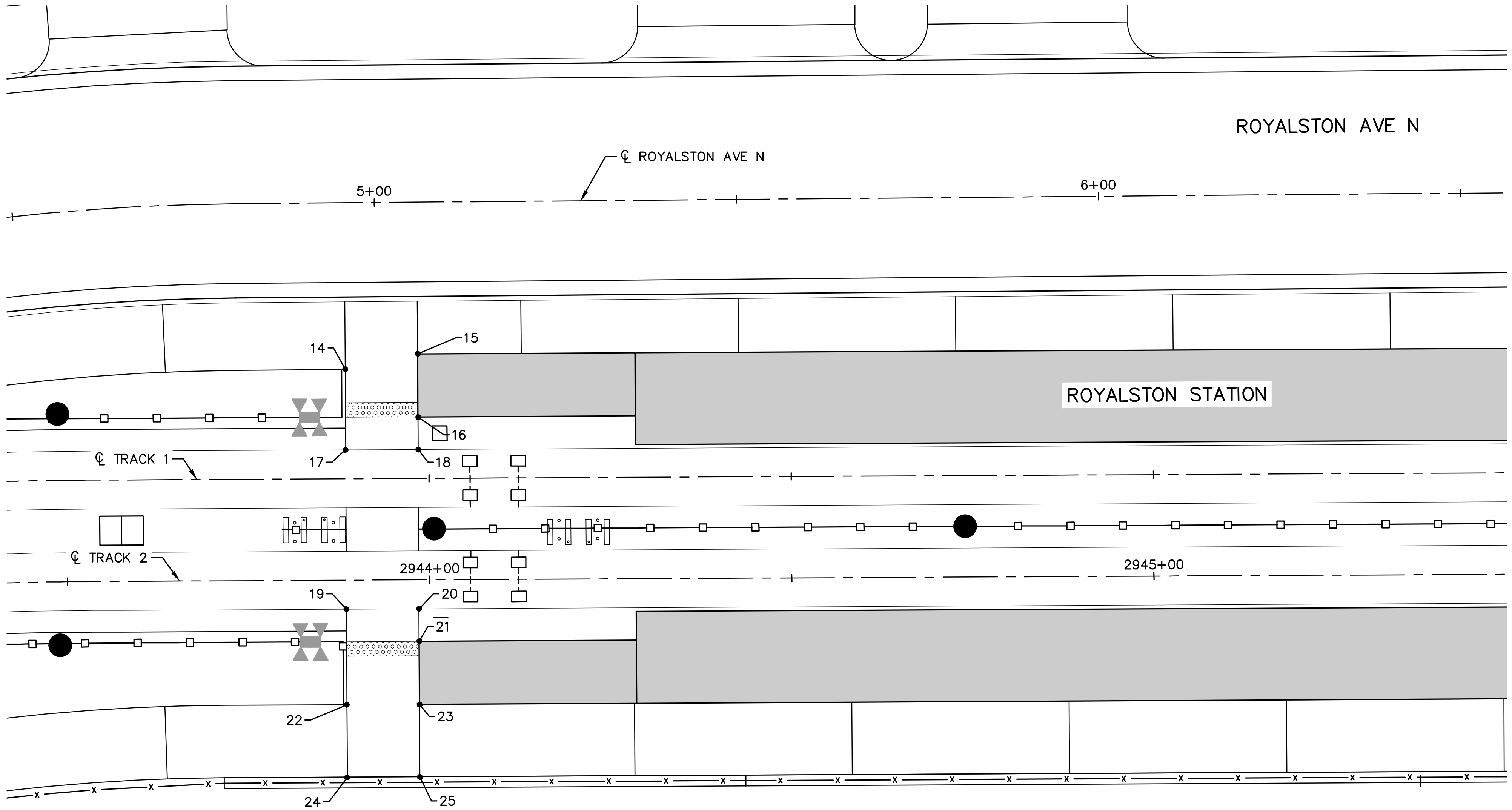
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROYALSTON STATION
INTERSECTION DETAILS
SHEET 90

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-015



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
	DRAINAGE FLOW ARROW

0 5 10 20
HORIZONTAL SCALE IN FEET

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
14	TOP SWK	1943+88.50	–15.11 LT	843.81	TRACK 1
15	TOP SWK	1943+98.50	–17.19 LT	843.74	TRACK 1
16	TOP SWK	1943+98.50	–8.48 LT	843.74	TRACK 1
17	TOP SWK	1943+88.50	–4.00 LT	843.81	TRACK 1
18	TOP SWK	1943+98.50	–4.00 LT	843.74	TRACK 1
19	TOP SWK	2943+88.50	4.00 RT	843.80	TRACK 2
20	TOP SWK	2943+98.50	4.00 RT	843.73	TRACK 2
21	TOP SWK	2943+98.50	8.50 RT	843.73	TRACK 2
22	TOP SWK	2943+88.50	17.19 RT	843.80	TRACK 2
23	TOP SWK	2943+98.50	17.19 RT	843.73	TRACK 2
24	TOP SWK	2943+88.50	27.19 RT	843.66	TRACK 2
25	TOP SWK	2943+98.50	27.19 RT	843.59	TRACK 2

Jan, 18 2016 10:21 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_LAC_1.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

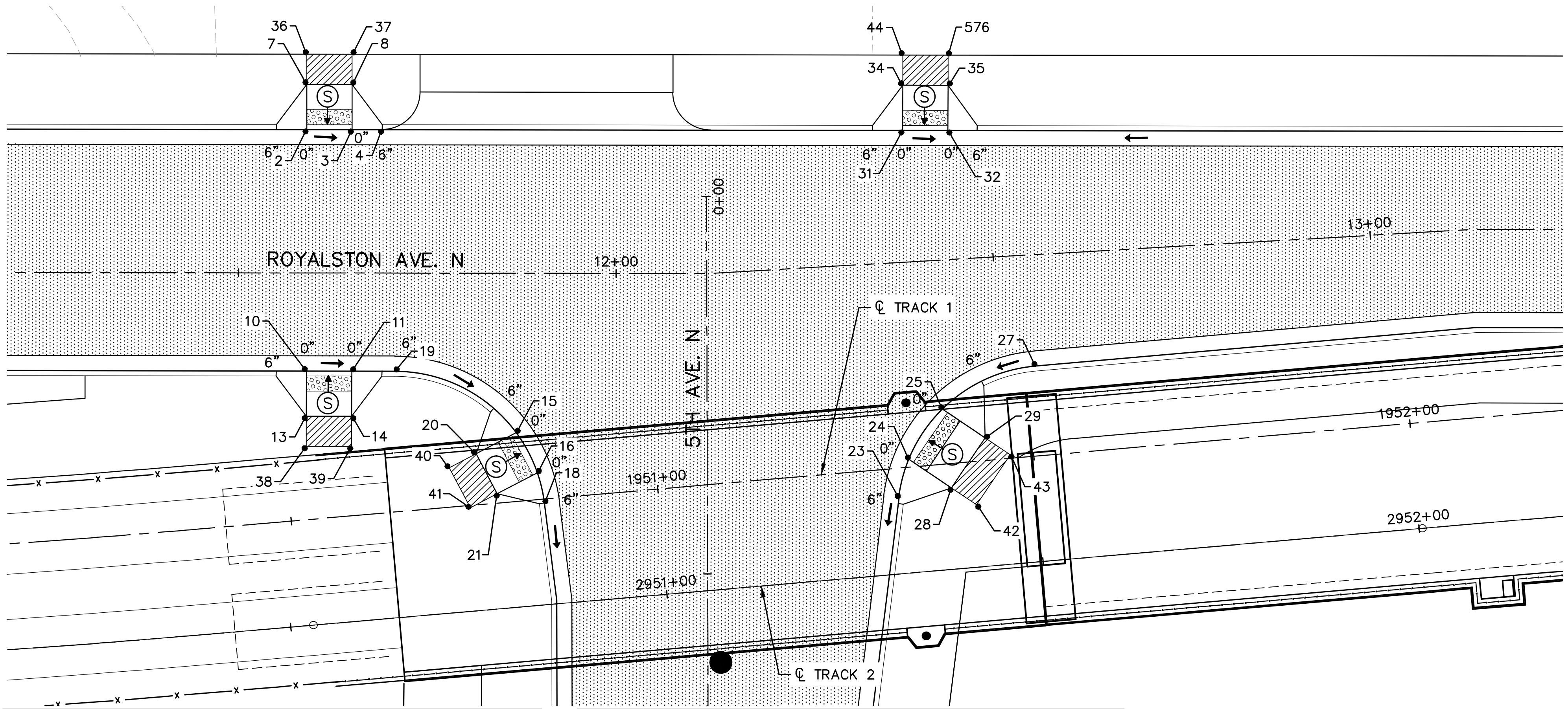
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROYALSTON STATION
INTERSECTION DETAILS
SHEET 91

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-016



#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
2	DOME	11+59.00	−19.00 LT	829.72	ROYALSTON AVE N
3	DOME	11+65.00	−19.00 LT	829.50	ROYALSTON AVE N
4	FLOW LINE	11+69.00	−19.00 LT	829.42	ROYALSTON AVE N
7	LANDING	11+59.00	−25.00 LT	830.10	ROYALSTON AVE N
8	LANDING	11+65.00	−25.00 LT	829.98	ROYALSTON AVE N
10	DOME	11+59.00	13.00 RT	829.84	ROYALSTON AVE N
11	DOME	11+65.00	13.00 RT	829.62	ROYALSTON AVE N
13	LANDING	11+59.00	19.00 RT	830.22	ROYALSTON AVE N
14	LANDING	11+65.00	19.00 RT	830.10	ROYALSTON AVE N
15	DOME	11+86.80	21.13 RT	829.22	ROYALSTON AVE N
16	DOME	11+89.60	26.44 RT	829.13	ROYALSTON AVE N
18	FLOW LINE	11+90.54	30.45 RT	829.07	ROYALSTON AVE N
19	FLOW LINE	11+70.70	13.00 RT	829.50	ROYALSTON AVE N
20	LANDING	11+81.49	23.93 RT	829.70	ROYALSTON AVE N
21	LANDING	11+84.28	29.24 RT	829.61	ROYALSTON AVE N
23	FLOW LINE	12+35.71	31.16 RT	829.00	ROYALSTON AVE N
24	DOME	12+37.32	26.15 RT	829.04	ROYALSTON AVE N
25	DOME	12+42.14	19.76 RT	829.09	ROYALSTON AVE N
27	FLOW LINE	12+54.79	14.75 RT	829.19	ROYALSTON AVE N
28	LANDING	12+42.72	30.24 RT	829.58	ROYALSTON AVE N

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
29	LANDING	12+47.55	23.86 RT	829.64	ROYALSTON AVE N
31	DOME	12+38.99	−17.43 LT	829.12	ROYALSTON AVE N
32	DOME	12+44.98	−17.08 LT	829.10	ROYALSTON AVE N
34	LANDING	12+39.34	−23.42 LT	829.60	ROYALSTON AVE N
35	LANDING	12+45.33	−23.07 LT	829.58	ROYALSTON AVE N
36	LANDING	11+59.00	−29.00 LT	830.16	ROYALSTON AVE N
37	LANDING	11+65.00	−29.00 LT	830.04	ROYALSTON AVE N
38	LANDING	11+59.00	23.00 RT	830.28	ROYALSTON AVE N
39	LANDING	11+65.00	23.00 RT	830.16	ROYALSTON AVE N
40	LANDING	11+77.95	25.79 RT	829.76	ROYALSTON AVE N
41	LANDING	11+80.75	31.10 RT	829.67	ROYALSTON AVE N
42	LANDING	12+45.90	32.65 RT	829.64	ROYALSTON AVE N
43	LANDING	12+50.74	26.28 RT	829.70	ROYALSTON AVE N
44	LANDING	12+39.58	−27.42 LT	829.66	ROYALSTON AVE N
576	LANDING	12+45.57	−27.06 LT	829.64	ROYALSTON AVE N

0 5 10 20

LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

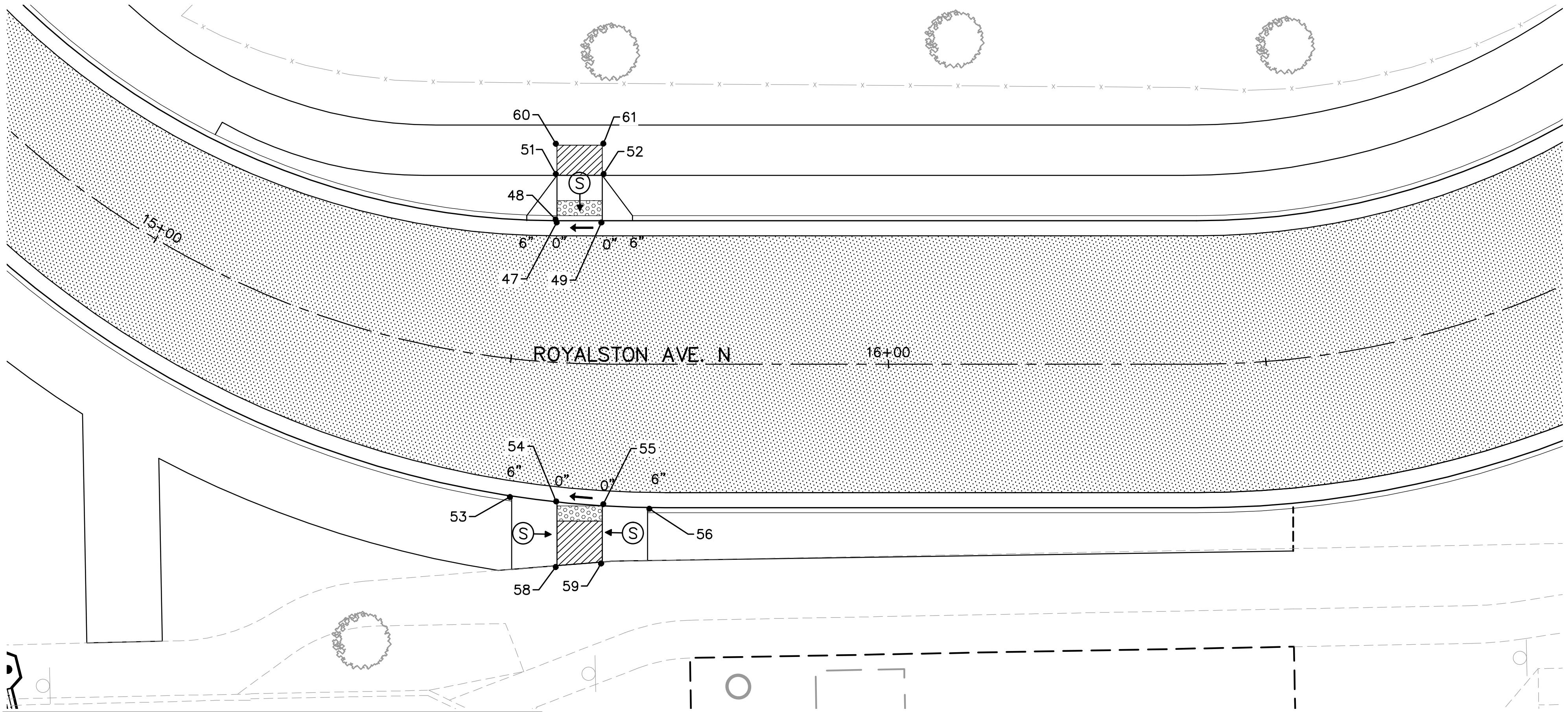
METROPOLITAN COUNCIL

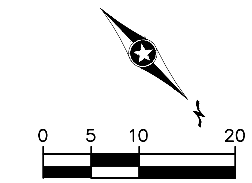
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 92

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-015





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
47	FLOW LINE	15+54.86	-18.75 LT	830.90	ROYALSTON AVE N
48	DOME	15+54.75	-18.74 LT	830.90	ROYALSTON AVE N
49	DOME	15+61.89	-18.99 LT	830.96	ROYALSTON AVE N
51	LANDING	15+54.20	-24.72 LT	831.38	ROYALSTON AVE N
52	LANDING	15+61.79	-24.99 LT	831.44	ROYALSTON AVE N
53	FLOW LINE	15+51.85	18.10 RT	830.88	ROYALSTON AVE N
54	DOME	15+57.09	18.58 RT	830.92	ROYALSTON AVE N
55	DOME	15+62.28	18.75 RT	830.96	ROYALSTON AVE N
56	FLOW LINE	15+68.11	19.00 RT	831.02	ROYALSTON AVE N
58	LANDING	15+57.44	26.84 RT	831.09	ROYALSTON AVE N
59	LANDING	15+62.33	26.18 RT	831.11	ROYALSTON AVE N
60	LANDING	15+53.79	-28.71 LT	831.44	ROYALSTON AVE N
61	LANDING	15+61.73	-28.99 LT	831.50	ROYALSTON AVE N

LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

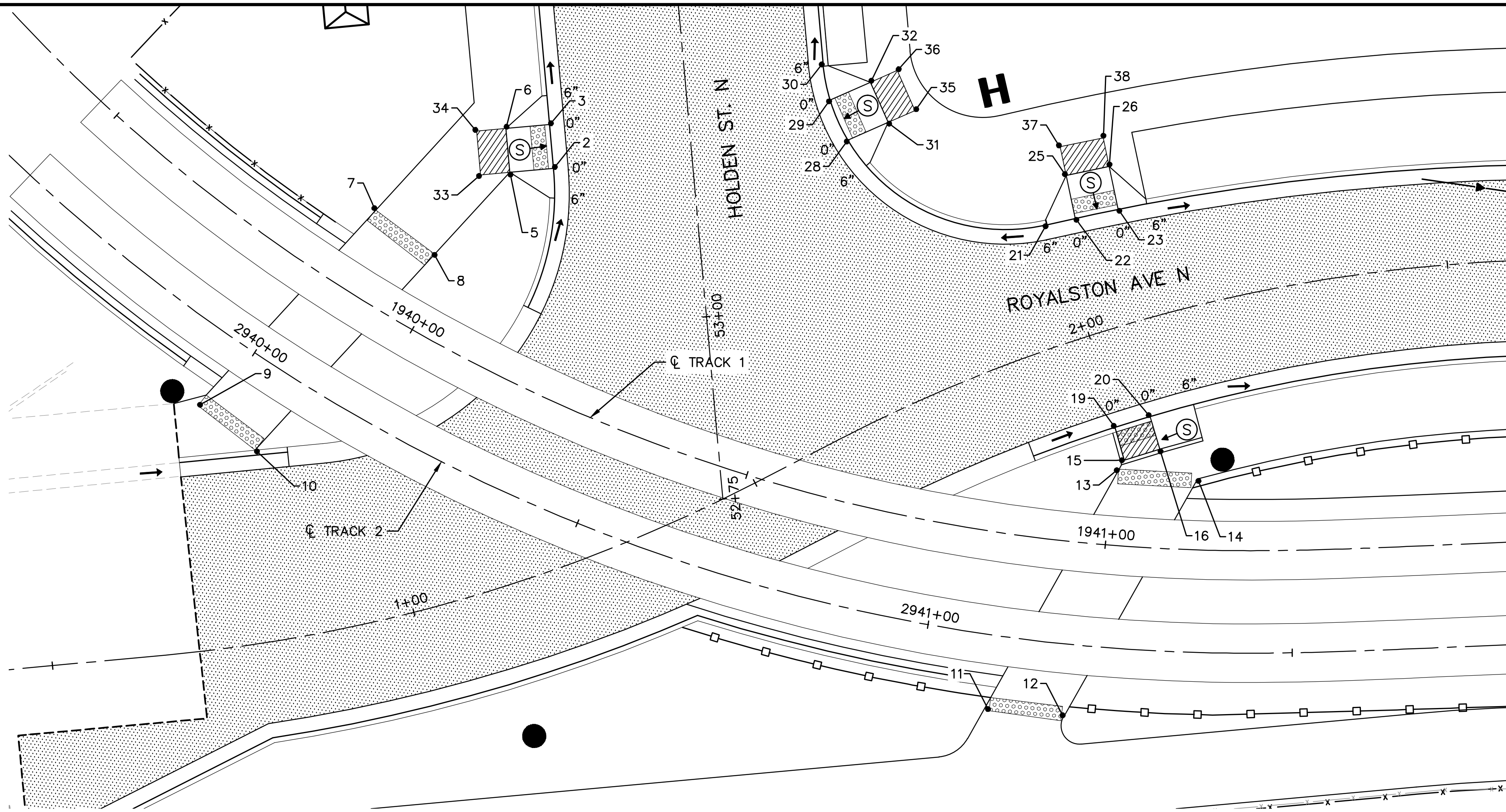
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 93

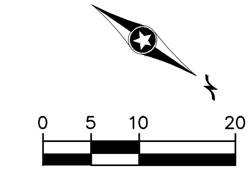
DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-016



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
2	DOME	53+22.08	−19.00 LT	848.41	HOLDEN ST N
3	DOME	53+28.08	−19.00 LT	848.23	HOLDEN ST N
5	LANDING	53+22.08	−25.00 LT	848.81	HOLDEN ST N
6	LANDING	53+28.08	−25.00 LT	848.71	HOLDEN ST N
7	DOME	53+18.61	−43.74 LT	849.60	HOLDEN ST N
8	DOME	53+11.97	−36.39 LT	850.20	HOLDEN ST N
9	DOME	0+74.45	−33.39 LT	851.56	ROYALSTON AVE N
10	DOME	0+82.37	−26.19 LT	851.29	ROYALSTON AVE N
11	DOME	1+64.36	42.35 RT	848.75	ROYALSTON AVE N
12	DOME	1+75.47	47.51 RT	848.55	ROYALSTON AVE N
13	DOME	1+98.08	18.59 RT	848.94	ROYALSTON AVE N
14	DOME	2+09.07	23.00 RT	848.55	ROYALSTON AVE N
15	LANDING	1+99.29	17.67 RT	848.80	ROYALSTON AVE N
16	LANDING	2+04.83	17.67 RT	848.70	ROYALSTON AVE N
19	DOME	1+99.51	13.00 RT	848.71	ROYALSTON AVE N
20	DOME	2+04.83	13.00 RT	848.61	ROYALSTON AVE N

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
21	FLOW LINE	1+99.11	−16.21 LT	848.69	ROYALSTON AVE N
22	DOME	2+02.83	−15.88 LT	848.58	ROYALSTON AVE N
23	DOME	2+08.41	−15.41 LT	848.40	ROYALSTON AVE N
25	LANDING	2+03.32	−21.85 LT	848.98	ROYALSTON AVE N
26	LANDING	2+08.77	−21.40 LT	848.88	ROYALSTON AVE N
28	DOME	53+22.29	21.45 RT	848.23	HOLDEN ST N
29	DOME	53+27.98	19.53 RT	848.15	HOLDEN ST N
30	FLOW LINE	53+33.09	19.00 RT	848.08	HOLDEN ST N
31	LANDING	53+24.19	27.05 RT	848.71	HOLDEN ST N
32	LANDING	53+29.90	25.21 RT	848.63	HOLDEN ST N
33	LANDING	53+22.08	−29.00 LT	848.87	HOLDEN ST N
34	LANDING	53+28.08	−29.00 LT	848.77	HOLDEN ST N
35	LANDING	53+25.50	30.92 RT	848.77	HOLDEN ST N
36	LANDING	53+31.18	29.00 RT	848.69	HOLDEN ST N
37	LANDING	2+03.64	−25.84 LT	849.04	ROYALSTON AVE N
38	LANDING	2+09.00	−25.39 LT	848.94	ROYALSTON AVE N



LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- → DRAINAGE FLOW ARROW

Jan, 19 2016 10:17 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_3.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

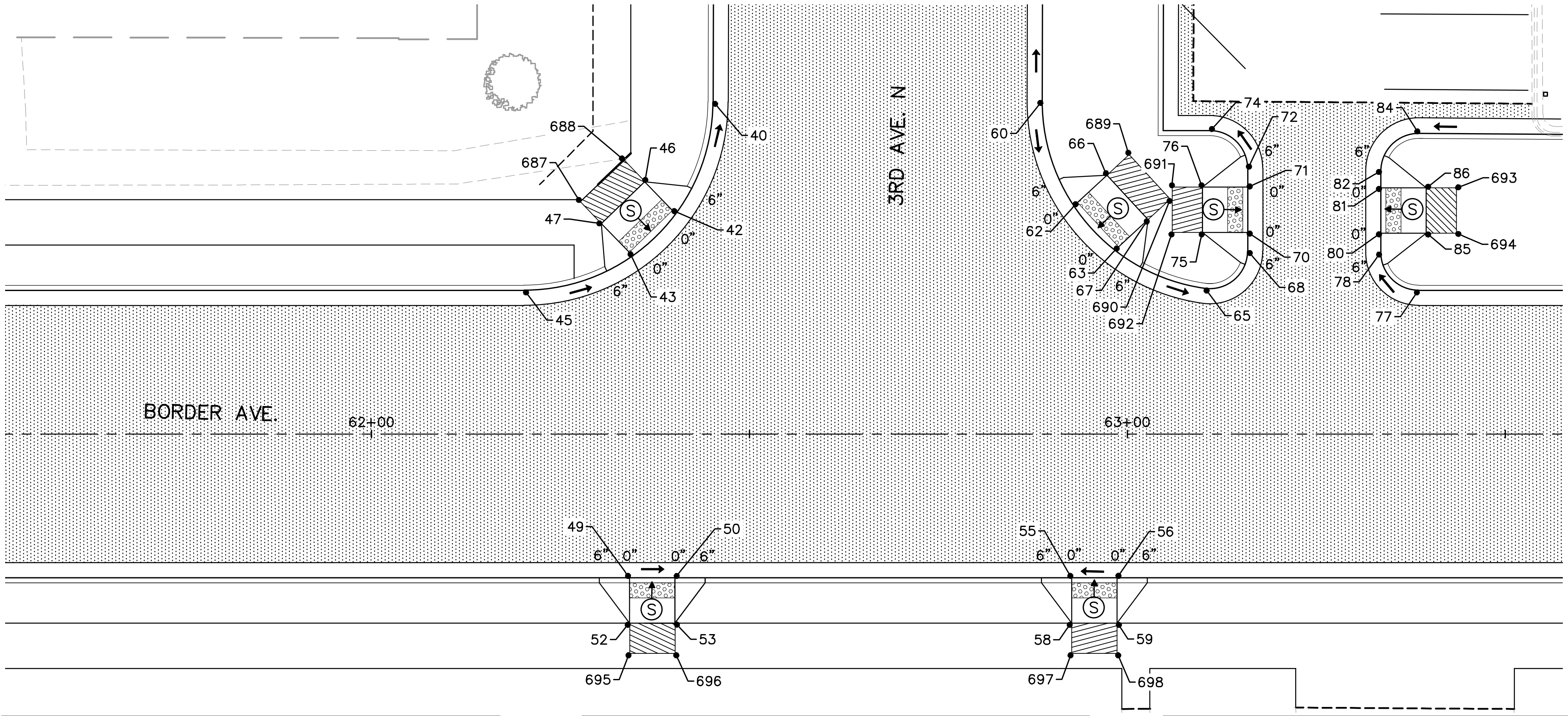
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 94

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-017



LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
40	FLOW LINE	62+45.20	–43.93 LT	823.96	BORDER AVE
42	DOME	62+39.80	–29.59 LT	824.04	BORDER AVE
43	DOME	62+34.11	–24.04 LT	824.05	BORDER AVE
45	FLOW LINE	62+20.20	–19.00 LT	824.02	BORDER AVE
46	LANDING	62+36.13	–33.37 LT	824.46	BORDER AVE
47	LANDING	62+30.39	–27.85 LT	824.48	BORDER AVE
49	DOME	62+34.14	19.00 RT	824.01	BORDER AVE
50	DOME	62+40.14	19.00 RT	823.98	BORDER AVE
52	LANDING	62+34.14	25.00 RT	824.49	BORDER AVE
53	LANDING	62+40.14	25.00 RT	824.46	BORDER AVE
55	DOME	62+92.62	19.00 RT	823.89	BORDER AVE
56	DOME	62+98.62	19.00 RT	823.91	BORDER AVE
58	LANDING	62+92.62	25.00 RT	824.37	BORDER AVE
59	LANDING	62+98.62	25.00 RT	824.38	BORDER AVE
60	FLOW LINE	62+88.73	–44.06 LT	824.18	BORDER AVE
62	DOME	62+93.40	–30.64 LT	824.14	BORDER AVE
63	DOME	62+98.83	–24.76 LT	824.08	BORDER AVE
65	FLOW LINE	63+10.24	–19.25 LT	823.94	BORDER AVE
66	LANDING	62+97.31	–34.25 LT	824.56	BORDER AVE
67	LANDING	63+02.74	–28.38 LT	824.51	BORDER AVE

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
68	FLOW LINE	63+15.93	–24.20 LT	823.90	BORDER AVE
70	DOME	63+15.93	–26.67 LT	823.90	BORDER AVE
71	DOME	63+15.93	–32.67 LT	823.92	BORDER AVE
72	FLOW LINE	63+15.93	–35.14 LT	823.92	BORDER AVE
74	FLOW LINE	63+10.93	–40.14 LT	824.04	BORDER AVE
75	LANDING	63+09.93	–26.67 LT	824.38	BORDER AVE
76	LANDING	63+09.93	–32.67 LT	824.40	BORDER AVE
77	FLOW LINE	63+38.53	–19.00 LT	824.04	BORDER AVE
78	FLOW LINE	63+33.53	–24.00 LT	823.93	BORDER AVE
80	DOME	63+33.53	–26.57 LT	823.88	BORDER AVE
81	DOME	63+33.53	–32.57 LT	823.77	BORDER AVE
82	FLOW LINE	63+33.53	–34.79 LT	823.73	BORDER AVE
84	FLOW LINE	63+38.57	–39.79 LT	823.75	BORDER AVE
85	LANDING	63+39.53	–26.57 LT	824.36	BORDER AVE
86	LANDING	63+39.53	–32.57 LT	824.25	BORDER AVE
687	LANDING	62+27.62	–30.73 LT	824.54	BORDER AVE
688	LANDING	62+33.38	–36.28 LT	824.52	BORDER AVE
689	LANDING	63+00.24	–36.97 LT	824.62	BORDER AVE
690	LANDING	63+05.68	–31.09 LT	824.57	BORDER AVE
691	LANDING	63+05.93	–32.67 LT	824.46	BORDER AVE

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
692	LANDING	63+05.93	–26.67 LT	824.44	BORDER AVE
693	LANDING	63+43.53	–32.57 LT	824.31	BORDER AVE
694	LANDING	63+43.53	–26.57 LT	824.42	BORDER AVE
695	LANDING	62+34.15	29.00 RT	824.55	BORDER AVE
696	LANDING	62+40.15	29.00 RT	824.52	BORDER AVE
697	LANDING	62+92.62	29.00 RT	824.43	BORDER AVE
698	LANDING	62+98.62	29.00 RT	824.45	BORDER AVE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

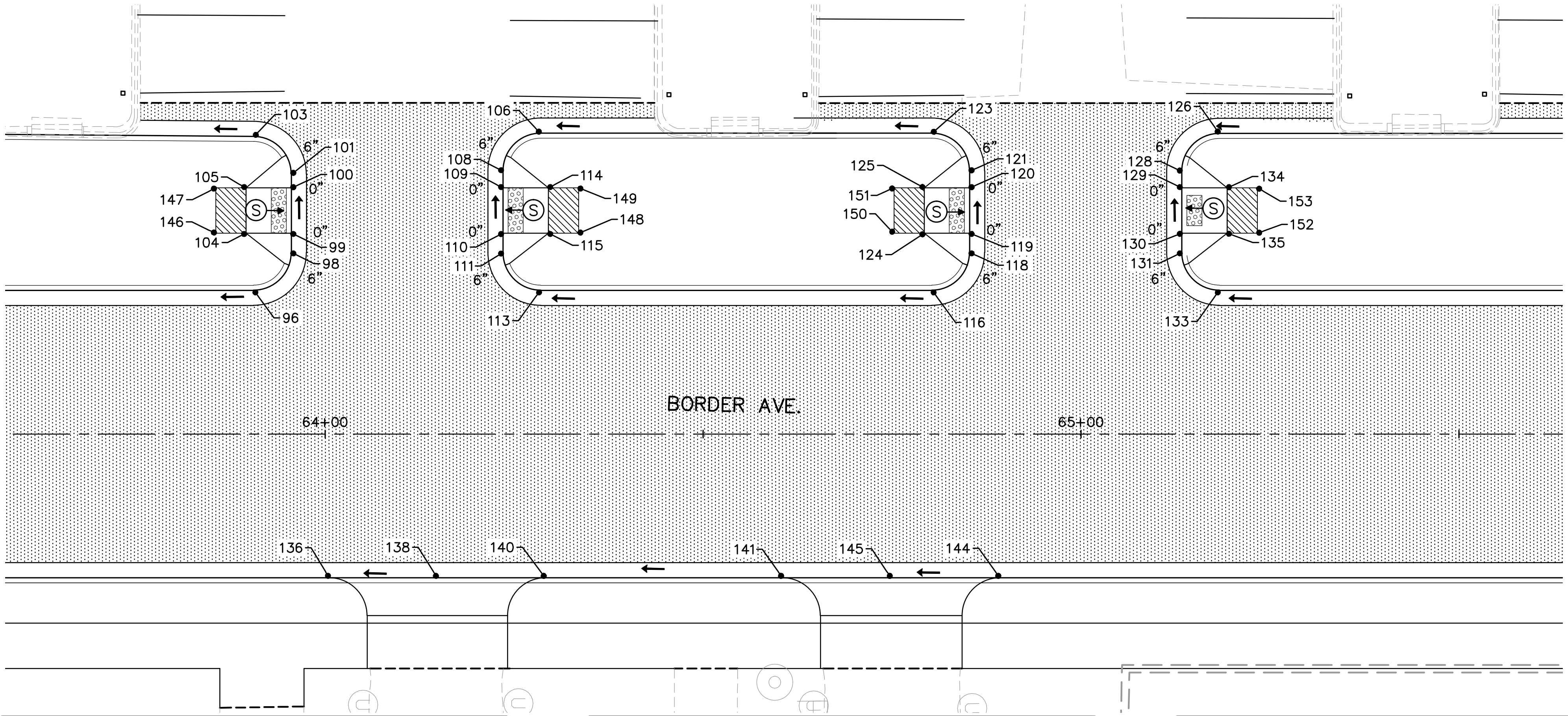
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 95

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-018



LEGEND

- XXX — CONTROL POINTS
- TRUNCATED DOMES (SEE STANDARD PLATE 7038)
- CONSTRUCT CONCRETE CURB AND GUTTER
- BITUMINOUS TREATMENT
- XX" — CURB HEIGHT
- LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- (S) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- (F) — INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
- → — DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
96	FLOW LINE	63+90.53	−19.00 LT	824.23	BORDER AVE
98	FLOW LINE	63+95.53	−24.00 LT	824.06	BORDER AVE
99	DOME	63+95.53	−26.57 LT	824.02	BORDER AVE
100	DOME	63+95.53	−32.57 LT	823.94	BORDER AVE
101	FLOW LINE	63+95.53	−34.39 LT	823.91	BORDER AVE
103	FLOW LINE	63+90.57	−39.39 LT	824.00	BORDER AVE
104	LANDING	63+89.53	−26.57 LT	824.50	BORDER AVE
105	LANDING	63+89.53	−32.57 LT	824.42	BORDER AVE
106	FLOW LINE	64+28.52	−39.80 LT	824.03	BORDER AVE
108	FLOW LINE	64+23.52	−34.80 LT	823.95	BORDER AVE
109	DOME	64+23.52	−32.57 LT	824.00	BORDER AVE
110	DOME	64+23.52	−26.57 LT	824.14	BORDER AVE
111	FLOW LINE	64+23.52	−24.00 LT	824.20	BORDER AVE
113	FLOW LINE	64+28.52	−19.00 LT	824.36	BORDER AVE
114	LANDING	64+29.52	−32.57 LT	824.48	BORDER AVE
115	LANDING	64+29.52	−26.57 LT	824.59	BORDER AVE
116	FLOW LINE	64+80.27	−19.00 LT	824.54	BORDER AVE
118	FLOW LINE	64+85.27	−24.00 LT	824.29	BORDER AVE
119	DOME	64+85.27	−26.57 LT	824.27	BORDER AVE
120	DOME	64+85.27	−32.57 LT	824.21	BORDER AVE

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
121	FLOW LINE	64+85.27	−34.80 LT	824.19	BORDER AVE
123	FLOW LINE	64+80.27	−39.80 LT	824.11	BORDER AVE
124	LANDING	64+79.27	−26.57 LT	824.75	BORDER AVE
125	LANDING	64+79.27	−32.57 LT	824.69	BORDER AVE
126	FLOW LINE	65+18.32	−39.77 LT	824.16	BORDER AVE
128	FLOW LINE	65+13.32	−34.77 LT	824.17	BORDER AVE
129	DOME	65+13.32	−32.57 LT	824.22	BORDER AVE
130	DOME	65+13.32	−26.57 LT	824.36	BORDER AVE
131	FLOW LINE	65+13.32	−24.00 LT	824.42	BORDER AVE
133	FLOW LINE	65+18.32	−19.00 LT	824.67	BORDER AVE
134	LANDING	65+19.32	−32.57 LT	824.70	BORDER AVE
135	LANDING	65+19.32	−26.57 LT	824.81	BORDER AVE
136	FLOW LINE	64+00.57	19.00 RT	824.26	BORDER AVE
138	FLOW LINE	64+14.86	19.00 RT	824.31	BORDER AVE
140	FLOW LINE	64+29.14	19.00 RT	824.36	BORDER AVE
141	FLOW LINE	64+60.54	19.00 RT	824.47	BORDER AVE
144	FLOW LINE	64+89.28	19.00 RT	824.57	BORDER AVE
145	FLOW LINE	64+74.91	19.00 RT	824.52	BORDER AVE
146	LANDING	63+85.53	−26.57 LT	824.56	BORDER AVE
147	LANDING	63+85.53	−32.57 LT	824.48	BORDER AVE

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
148	LANDING	64+33.52	−26.57 LT	824.65	BORDER AVE
149	LANDING	64+33.52	−32.57 LT	824.54	BORDER AVE
150	LANDING	64+75.27	−26.57 LT	824.81	BORDER AVE
151	LANDING	64+75.27	−32.57 LT	824.75	BORDER AVE
152	LANDING	65+23.32	−26.57 LT	824.87	BORDER AVE
153	LANDING	65+23.32	−32.57 LT	824.76	BORDER AVE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

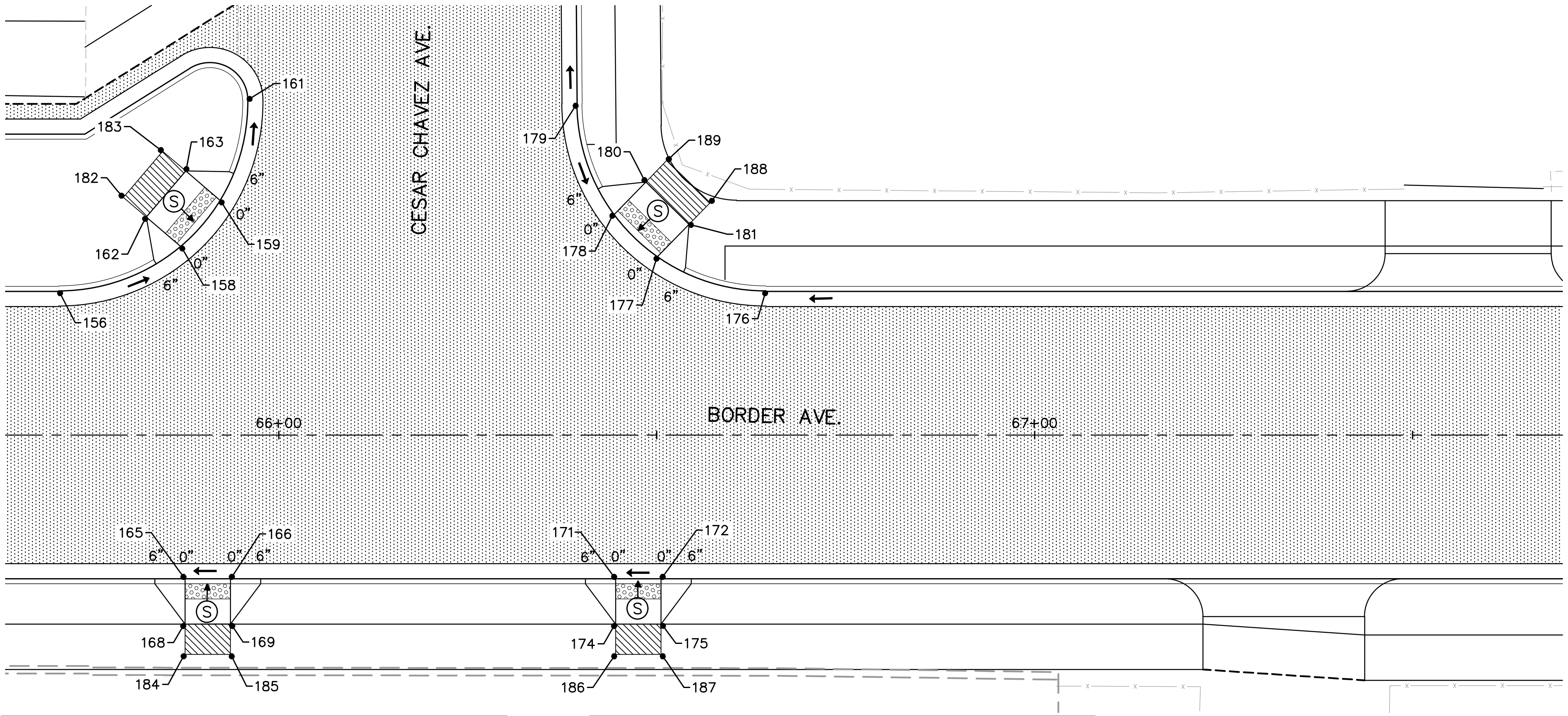
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 96

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-019



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
156	FLOW LINE	65+70.89	−19.00 LT	824.86	BORDER AVE
158	DOME	65+87.04	−24.93 LT	824.78	BORDER AVE
159	DOME	65+92.24	−31.01 LT	824.75	BORDER AVE
161	FLOW LINE	65+95.88	−44.32 LT	824.69	BORDER AVE
162	LANDING	65+82.48	−28.83 LT	825.26	BORDER AVE
163	LANDING	65+87.68	−34.91 LT	825.23	BORDER AVE
165	DOME	65+87.59	19.00 RT	824.91	BORDER AVE
166	DOME	65+93.59	19.00 RT	824.94	BORDER AVE
168	LANDING	65+87.59	25.00 RT	825.39	BORDER AVE
169	LANDING	65+93.59	25.00 RT	825.42	BORDER AVE
171	DOME	66+44.57	19.00 RT	825.11	BORDER AVE
172	DOME	66+50.57	19.00 RT	825.14	BORDER AVE
174	LANDING	66+44.57	25.00 RT	825.63	BORDER AVE
175	LANDING	66+50.58	25.00 RT	825.61	BORDER AVE
176	FLOW LINE	66+64.47	−19.00 LT	824.56	BORDER AVE
177	DOME	66+50.07	−23.56 LT	824.65	BORDER AVE
178	DOME	66+44.29	−29.25 LT	824.70	BORDER AVE
179	FLOW LINE	66+39.47	−43.79 LT	824.80	BORDER AVE
180	LANDING	66+48.55	−33.45 LT	825.18	BORDER AVE
181	LANDING	66+54.27	−27.85 LT	825.13	BORDER AVE

POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
182	LANDING	65+79.44	−31.43 LT	825.32	BORDER AVE
183	LANDING	65+84.65	−37.51 LT	825.29	BORDER AVE
184	LANDING	65+87.60	29.00 RT	825.45	BORDER AVE
185	LANDING	65+93.60	29.00 RT	825.48	BORDER AVE
186	LANDING	66+44.58	29.00 RT	825.69	BORDER AVE
187	LANDING	66+50.58	29.00 RT	825.68	BORDER AVE
188	LANDING	66+57.07	−30.71 LT	825.19	BORDER AVE
189	LANDING	66+51.35	−36.30 LT	825.24	BORDER AVE

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

Jan, 19 2016 10:18 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_3.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

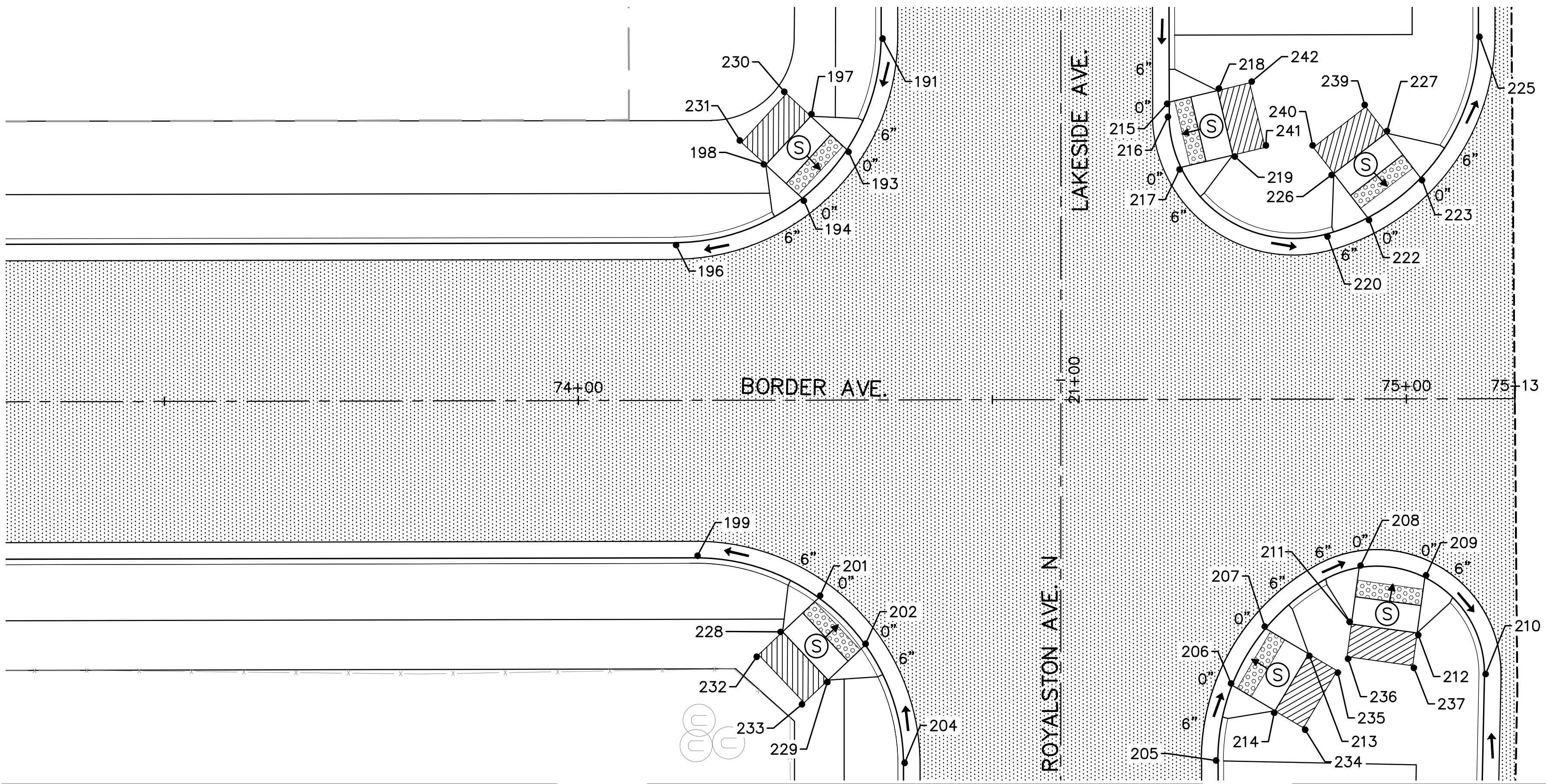
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 97

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-020



LEGEND

XXX — CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" — CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

(S) INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

(F) INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

0 5 10 20

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
191	FLOW LINE	74+36.67	–43.88 LT	828.01	BORDER AVE
193	DOME	74+32.53	–30.22 LT	827.81	BORDER AVE
194	DOME	74+27.12	–24.34 LT	827.69	BORDER AVE
196	FLOW LINE	74+11.67	–19.00 LT	827.45	BORDER AVE
197	LANDING	74+28.14	–34.28 LT	828.29	BORDER AVE
198	LANDING	74+22.71	–28.41 LT	828.17	BORDER AVE
199	FLOW LINE	74+14.18	19.01 RT	827.46	BORDER AVE
201	DOME	74+28.99	23.86 RT	827.52	BORDER AVE
202	DOME	74+34.47	29.69 RT	827.56	BORDER AVE
204	FLOW LINE	74+39.18	44.06 RT	827.60	BORDER AVE
205	FLOW LINE	74+77.18	43.64 RT	827.55	BORDER AVE
206	FLOW LINE	74+78.91	34.55 RT	827.43	BORDER AVE
207	DOME	74+82.97	27.70 RT	827.32	BORDER AVE
208	DOME	74+94.28	20.36 RT	827.17	BORDER AVE
209	FLOW LINE	75+02.19	21.56 RT	827.13	BORDER AVE
210	FLOW LINE	75+09.38	33.49 RT	827.05	BORDER AVE
211	LANDING	74+93.33	27.16 RT	827.72	BORDER AVE
212	LANDING	75+01.26	28.25 RT	827.67	BORDER AVE
213	LANDING	74+88.13	30.75 RT	827.80	BORDER AVE
214	LANDING	74+84.08	37.61 RT	827.91	BORDER AVE

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
215	DOME	74+71.45	–35.89 LT	828.02	BORDER AVE
216	FLOW LINE	74+71.45	–34.35 LT	827.96	BORDER AVE
217	DOME	74+72.85	–28.01 LT	827.75	BORDER AVE
218	LANDING	74+77.27	–37.27 LT	828.42	BORDER AVE
219	LANDING	74+79.10	–29.48 LT	828.26	BORDER AVE
220	FLOW LINE	74+90.40	–19.88 LT	827.05	BORDER AVE
222	DOME	74+95.41	–21.86 LT	826.98	BORDER AVE
223	DOME	75+01.81	–26.65 LT	826.87	BORDER AVE
225	FLOW LINE	75+08.81	–43.96 LT	826.60	BORDER AVE
226	LANDING	74+91.29	–27.21 LT	827.52	BORDER AVE
227	LANDING	74+97.63	–32.09 LT	827.42	BORDER AVE
228	LANDING	74+24.62	27.98 RT	828.00	BORDER AVE
229	LANDING	74+30.10	33.80 RT	828.04	BORDER AVE
230	LANDING	74+25.20	–37.00 LT	828.35	BORDER AVE
231	LANDING	74+19.78	–31.12 LT	828.23	BORDER AVE
232	LANDING	74+21.71	30.72 RT	828.06	BORDER AVE
233	LANDING	74+27.19	36.54 RT	828.10	BORDER AVE
234	LANDING	74+87.50	39.68 RT	827.97	BORDER AVE
235	LANDING	74+91.58	32.79 RT	827.86	BORDER AVE
236	LANDING	74+92.79	31.12 RT	827.78	BORDER AVE

POINT TABLE

#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
237	LANDING	75+00.71	32.22 RT	827.73	BORDER AVE
239	LANDING	74+95.19	–35.26 LT	827.48	BORDER AVE
240	LANDING	74+88.85	–30.38 LT	827.58	BORDER AVE
241	LANDING	74+83.00	–30.39 LT	828.32	BORDER AVE
242	LANDING	74+81.17	–38.18 LT	828.48	BORDER AVE

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

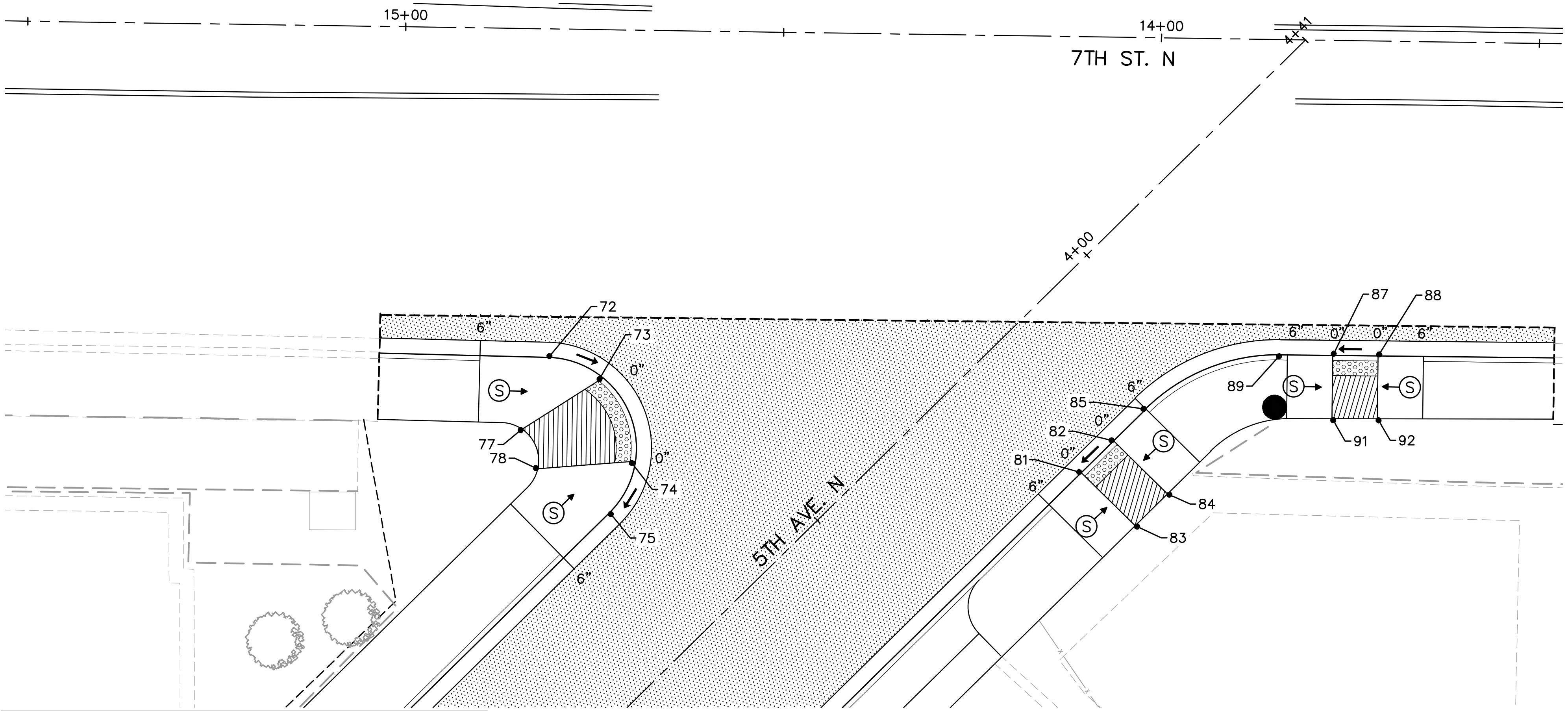
METROPOLITAN COUNCIL

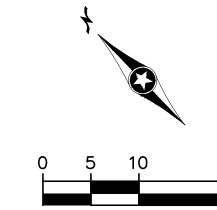
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 98

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-021





POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
72	FLOW LINE	14+80.52	−43.46 LT	825.73	7TH ST N
73	DOME	14+73.82	−46.42 LT	825.53	7TH ST N
74	DOME	14+69.44	−57.07 LT	825.28	7TH ST N
75	FLOW LINE	14+72.11	−63.89 LT	825.10	7TH ST N
77	LANDING	14+83.81	−52.98 LT	825.64	7TH ST N
78	LANDING	14+81.66	−58.21 LT	825.53	7TH ST N
81	DOME	14+09.77	−57.66 LT	825.45	7TH ST N
82	DOME	14+05.55	−53.39 LT	825.64	7TH ST N
83	LANDING	14+02.55	−64.58 LT	825.65	7TH ST N
84	LANDING	13+98.34	−60.31 LT	825.76	7TH ST N
85	FLOW LINE	14+01.36	−49.14 LT	825.80	7TH ST N
87	DOME	13+76.74	−41.67 LT	827.34	7TH ST N
88	DOME	13+70.74	−41.65 LT	827.56	7TH ST N
89	FLOW LINE	13+83.66	−41.70 LT	827.09	7TH ST N
91	LANDING	13+76.71	−50.03 LT	827.51	7TH ST N
92	LANDING	13+70.71	−49.96 LT	827.62	7TH ST N

LEGEND

XXX	CONTROL POINTS
	TRUNCATED DOMES (SEE STANDARD PLATE 7038)
	CONSTRUCT CONCRETE CURB AND GUTTER
	BITUMINOUS TREATMENT
XX"	CURB HEIGHT
	LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
S	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
F	INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%
→	DRAINAGE FLOW ARROW

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

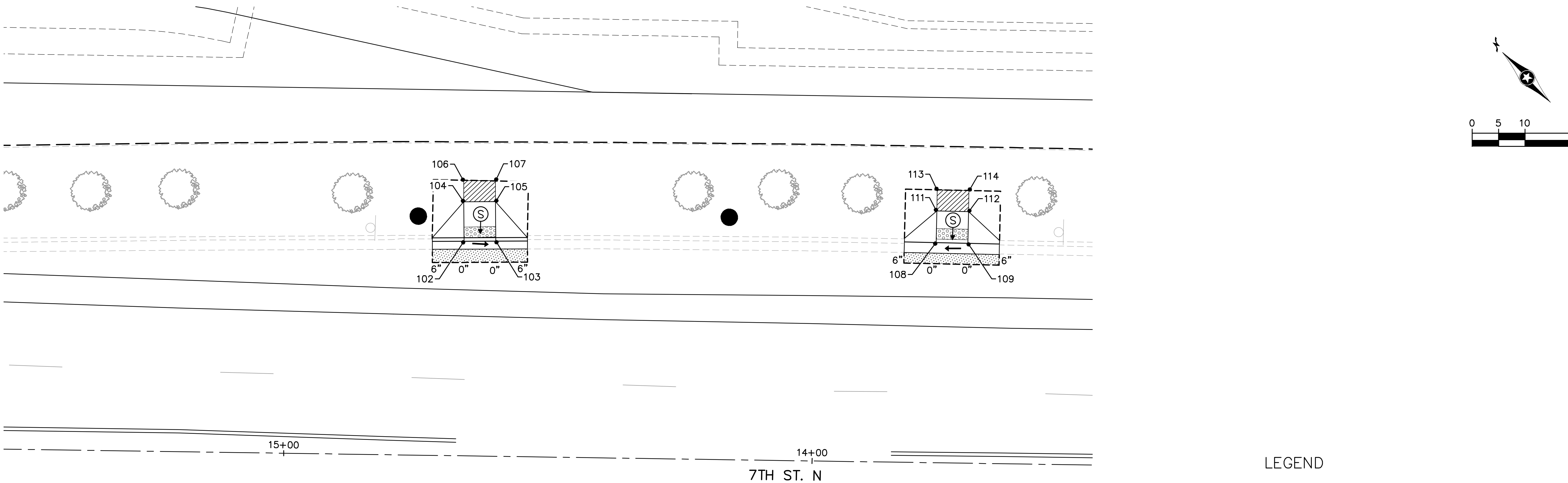
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 99

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-022

Jan, 19 2016 10:23 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_4.dwg By: V-GolaszTG



POINT TABLE					
#	DESCRIPTION	STATION	OFFSET	ELEVATION	REFERENCE ALIGNMENT
102	DOME	14+66.47	40.65 RT	825.08	7TH ST N
103	DOME	14+60.47	40.77 RT	825.08	7TH ST N
104	LANDING	14+66.62	48.13 RT	825.63	7TH ST N
105	LANDING	14+60.62	48.25 RT	825.61	7TH ST N
106	LANDING	14+66.70	52.13 RT	825.69	7TH ST N
107	LANDING	14+60.70	52.25 RT	825.67	7TH ST N
108	DOME	13+77.14	41.72 RT	826.80	7TH ST N
109	DOME	13+71.14	41.68 RT	826.92	7TH ST N
111	LANDING	13+77.10	47.72 RT	827.00	7TH ST N
112	LANDING	13+71.10	47.68 RT	827.00	7TH ST N
113	LANDING	13+77.07	51.72 RT	827.06	7TH ST N
114	LANDING	13+71.07	51.68 RT	827.06	7TH ST N

LEGEND

XXX CONTROL POINTS

TRUNCATED DOMES (SEE STANDARD PLATE 7038)

CONSTRUCT CONCRETE CURB AND GUTTER

BITUMINOUS TREATMENT

XX" CURB HEIGHT

LANDING AREA – 4'X4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS

S INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE BETWEEN 5.0% MIMIMUM AND 8.3% MAXIMUM IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

F INDICATES PEDESTRIAN RAMP – SLOPE SHALL BE GREATER THAN 2.0% AND LESS THAN 5.0% IN THE DIRECTION SHOWN AND CROSS SLOPE SHALL NOT EXCEED 2.0%

DRAINAGE FLOW ARROW

Jan, 19 2016 10:23 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-ADA_PHX_4.dwg By: V-GoloszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

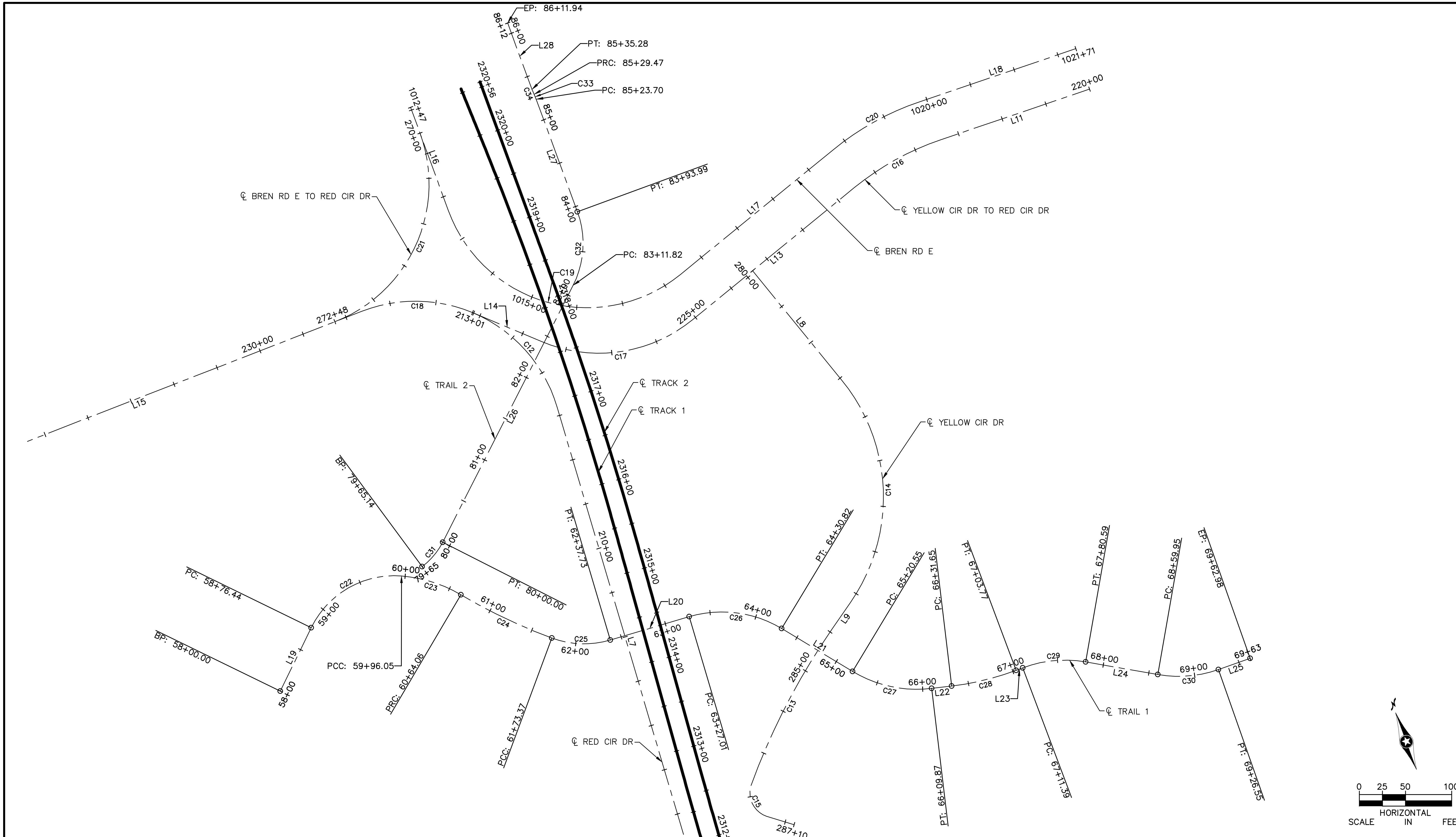
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY
INTERSECTION DETAILS
SHEET 100

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-ADA-023



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

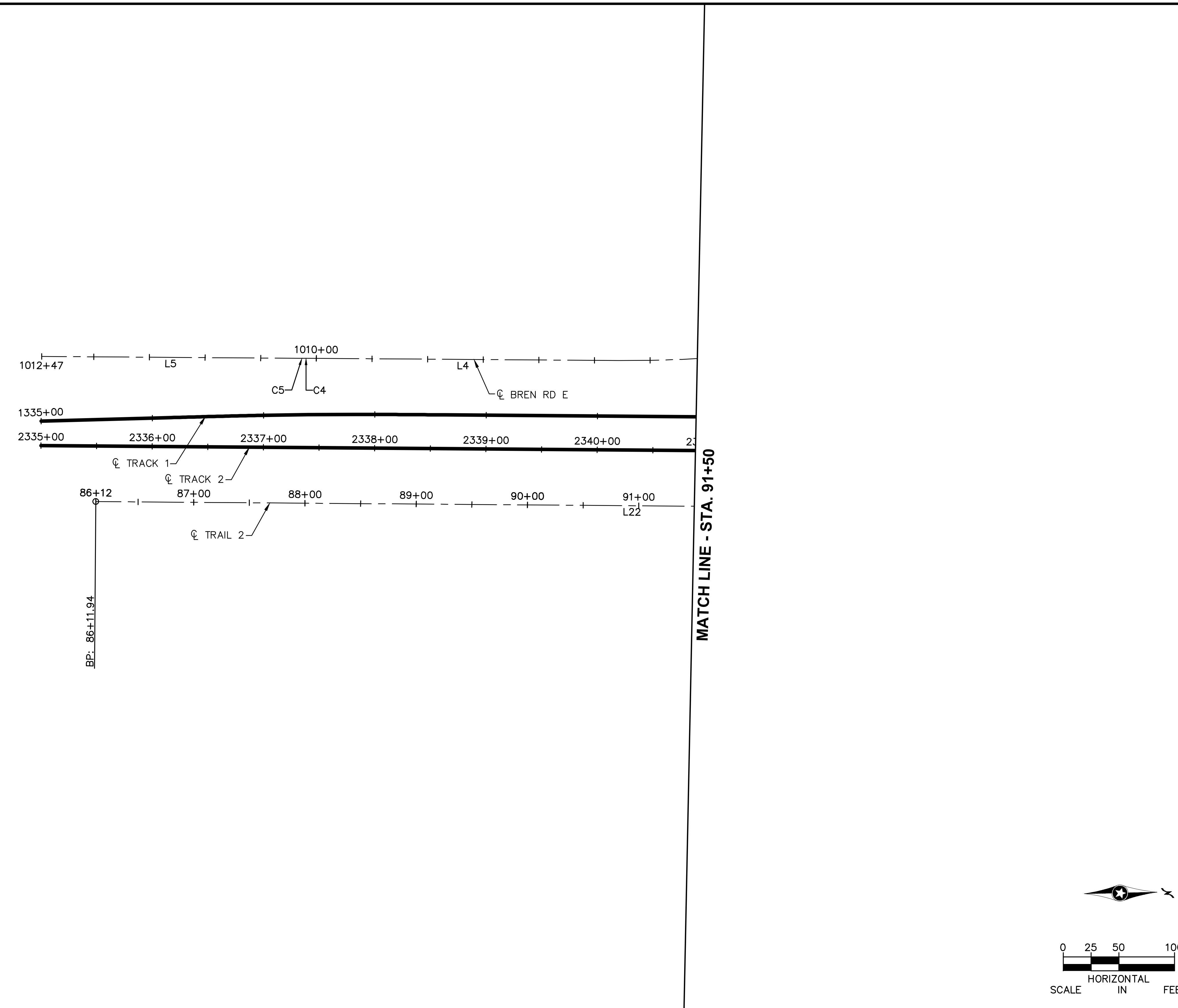
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 1

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-ALG-017



Jan. 18 2016 09:22 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-ALG.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

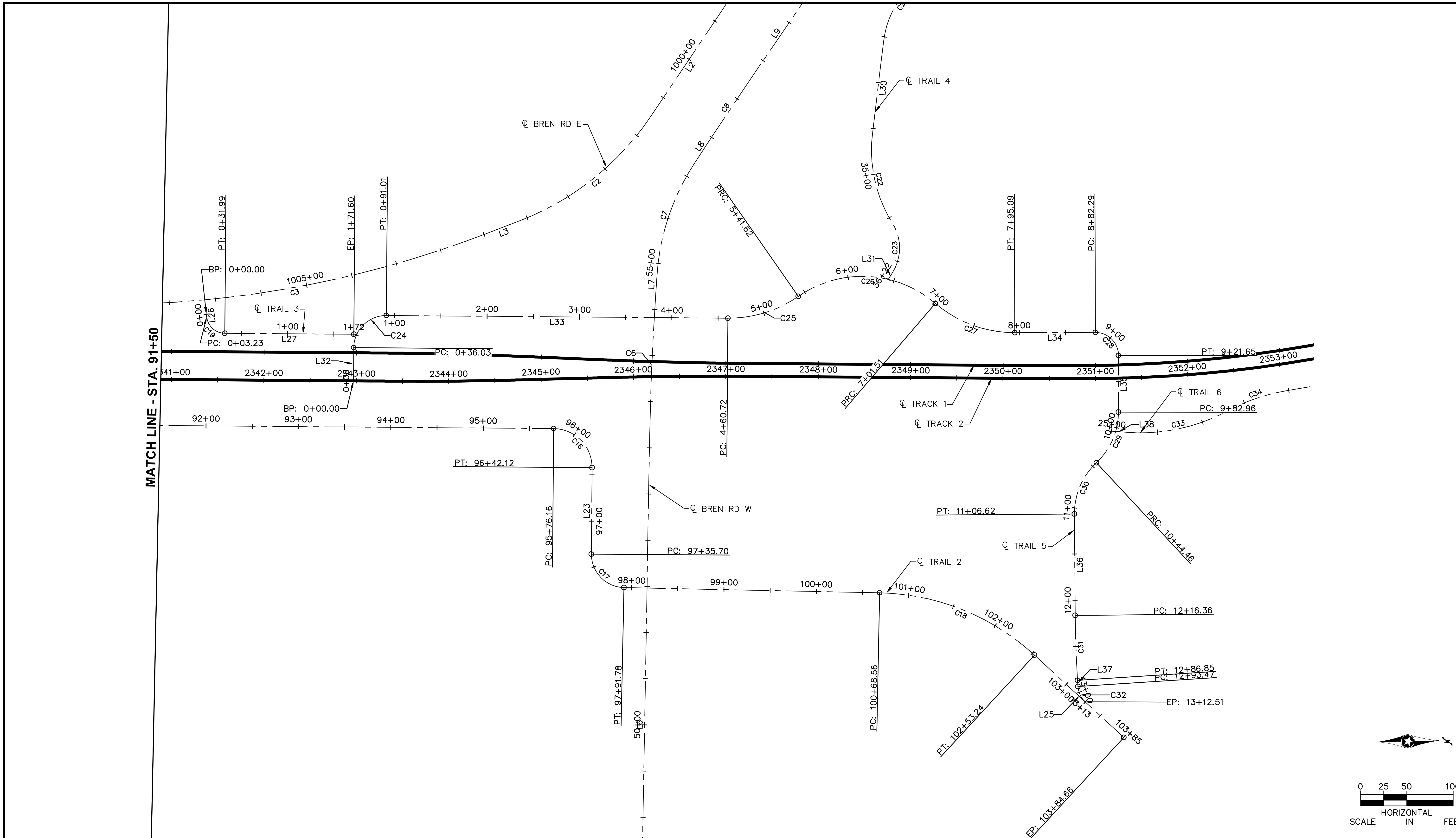
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 2

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-ALG-008

SHEET 120 OF 302



Jan, 18 2016 09:22 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-ALG.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

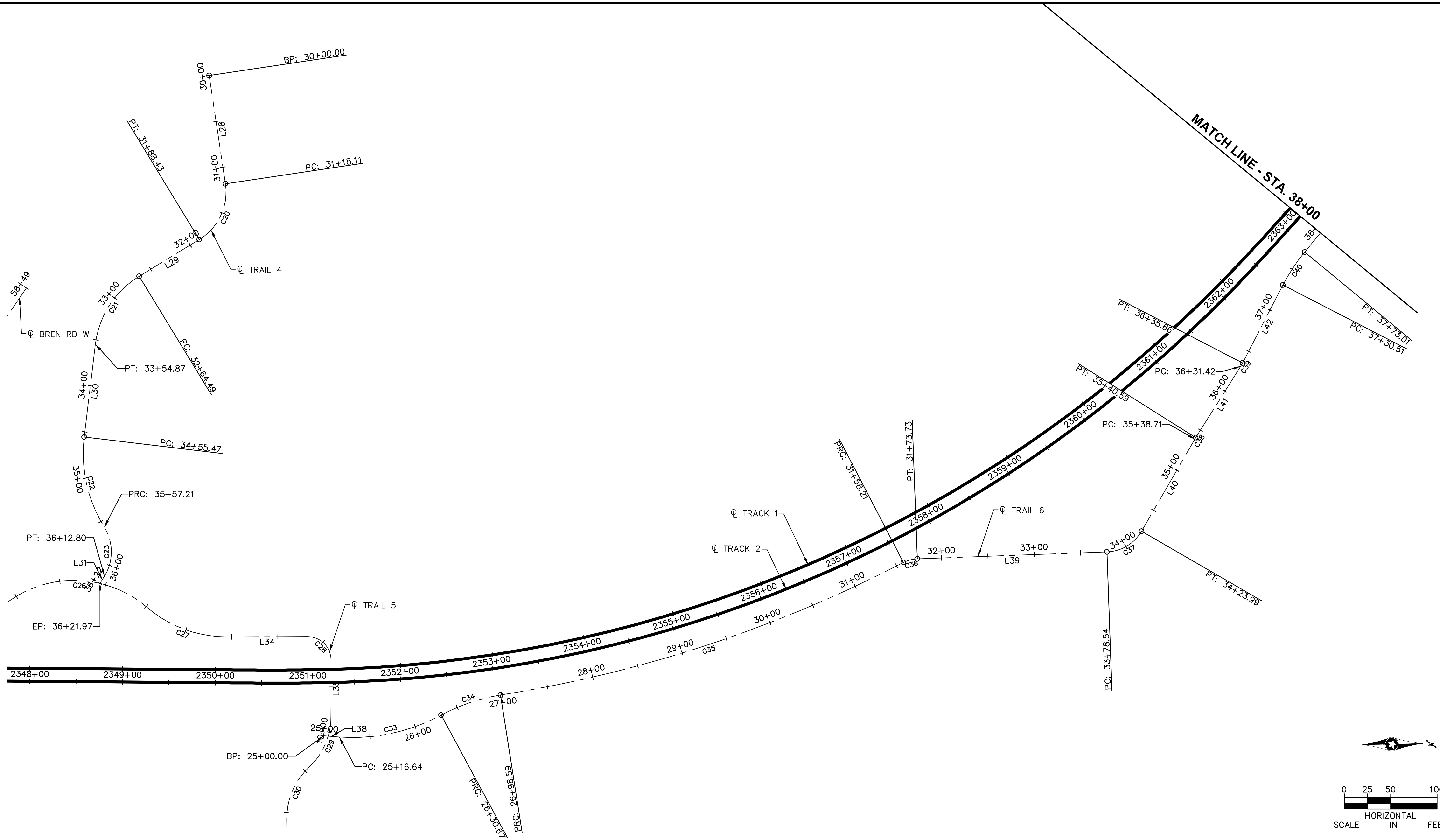
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 3

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-ALG-009

SHEET 121 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

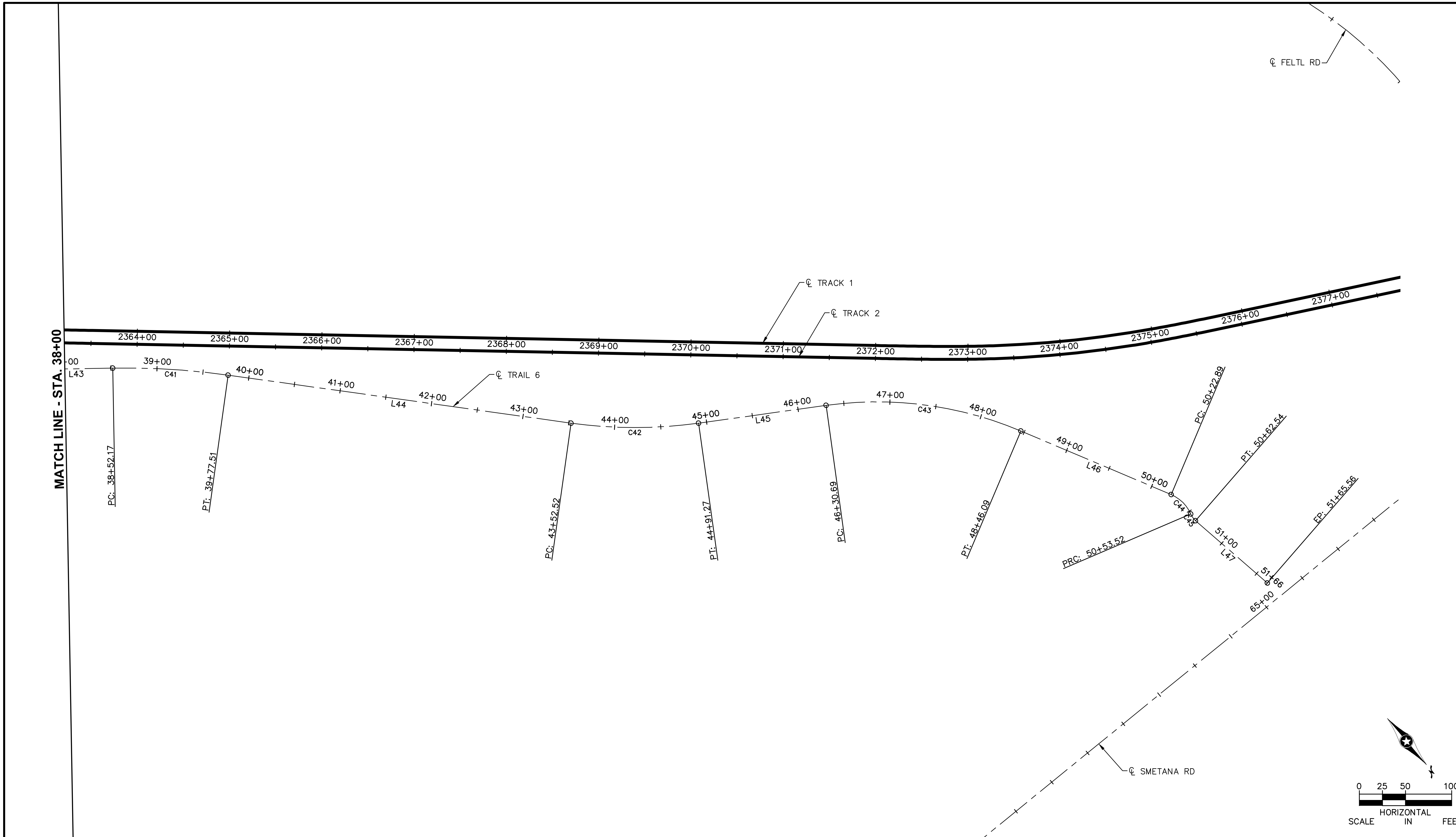
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 4

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-ALG-010



Jan, 18 2016 09:22 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-ALG.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

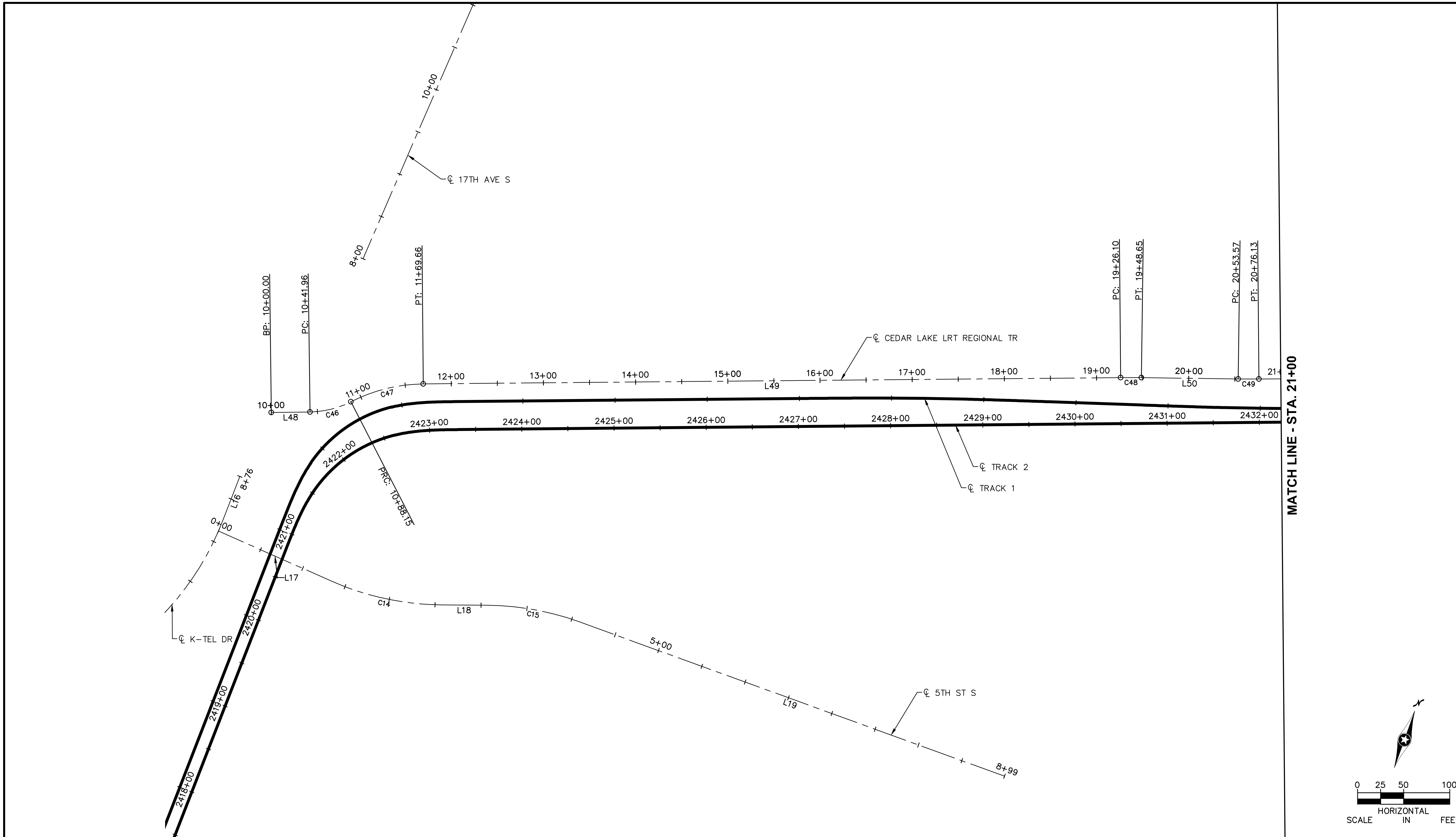
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 5

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-ALG-011



Jan, 18 2016 09:22 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-ALG.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

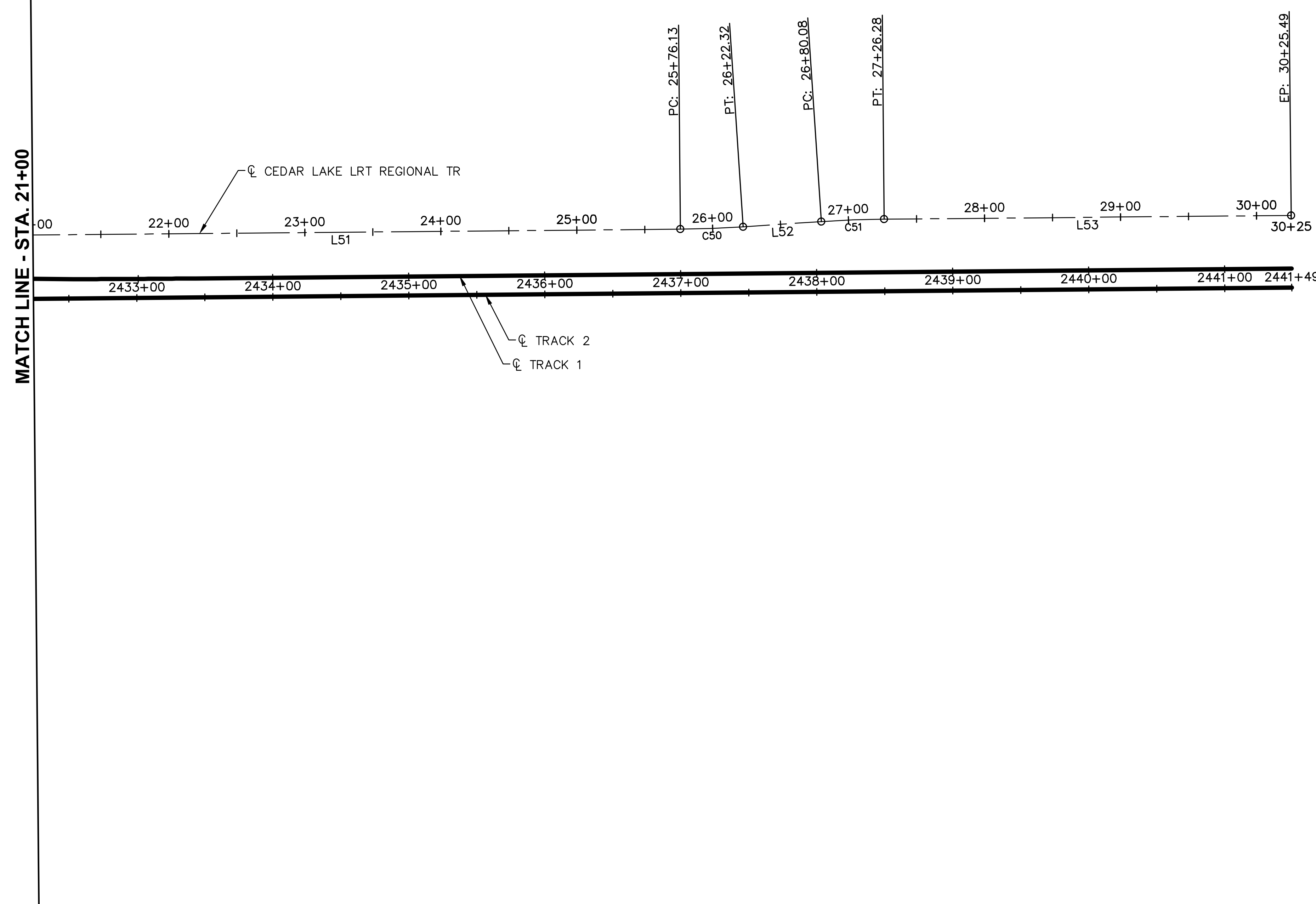
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 6

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-ALG-012

SHEET 124 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

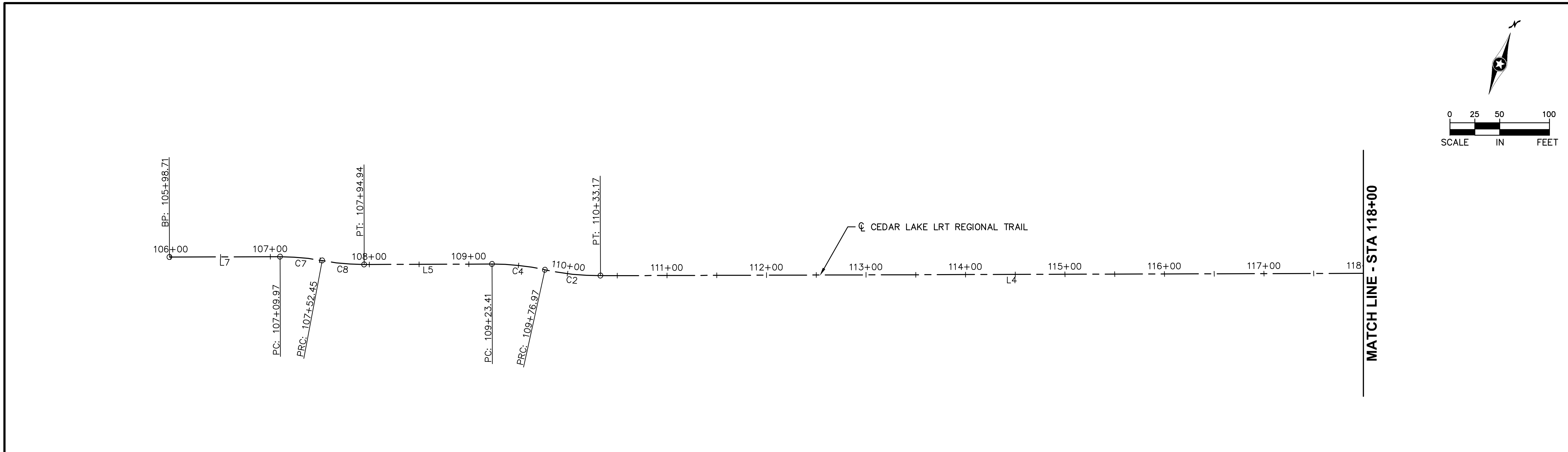
SOUTHWEST Green Line LRT Extension

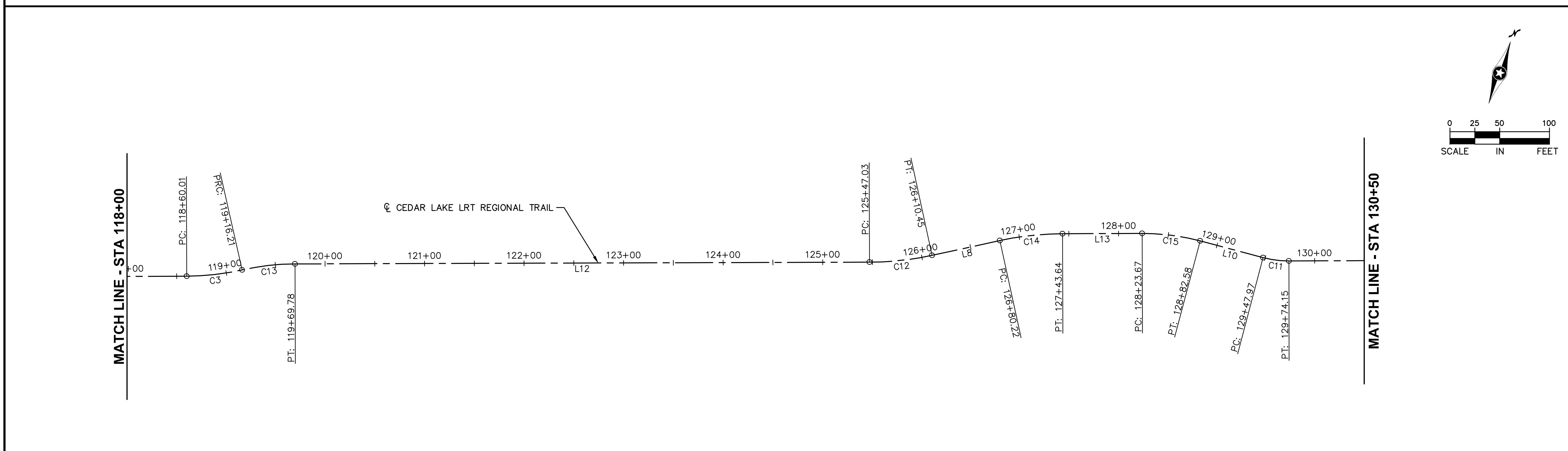
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 7

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-ALG-013

SHEET 125 OF 302





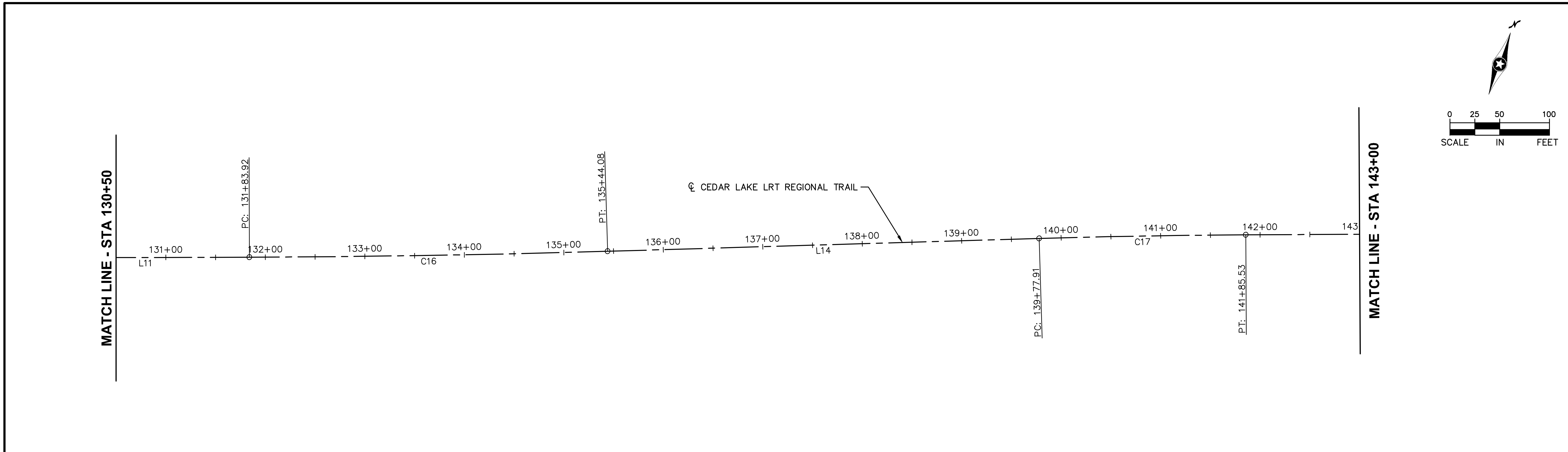
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

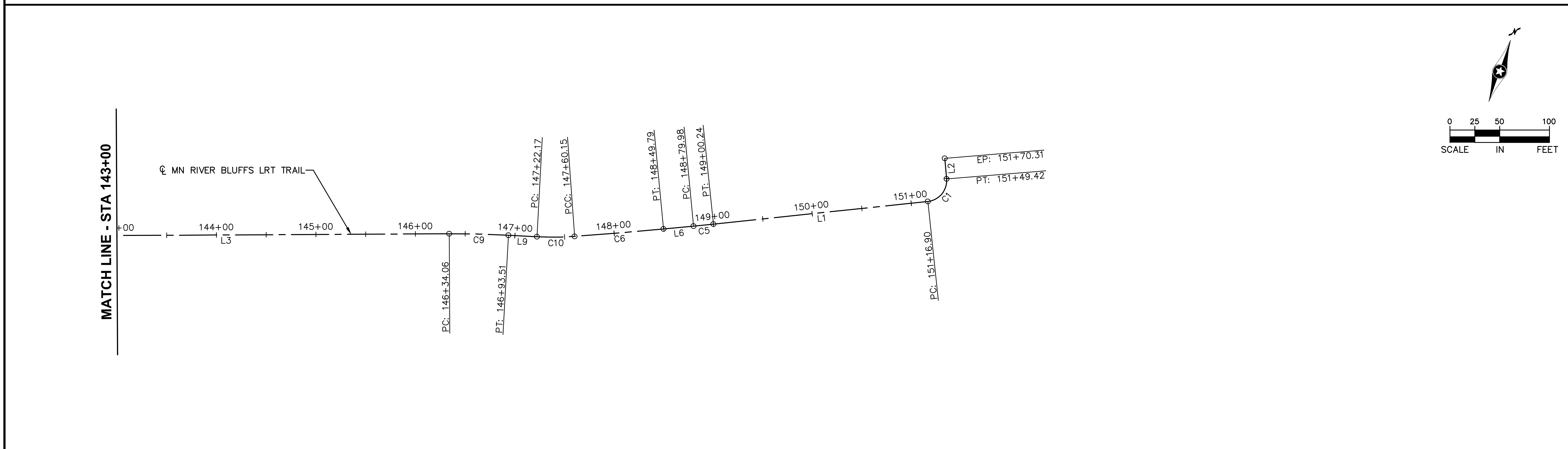
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 8

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 001





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

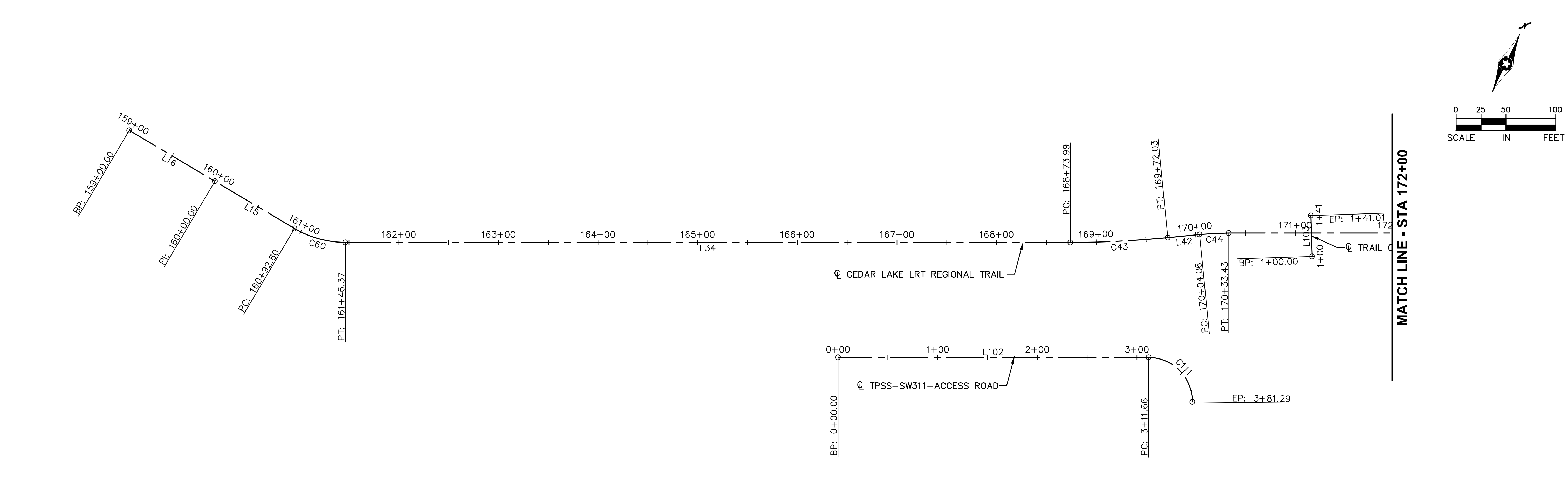
METROPOLITAN COUNCIL

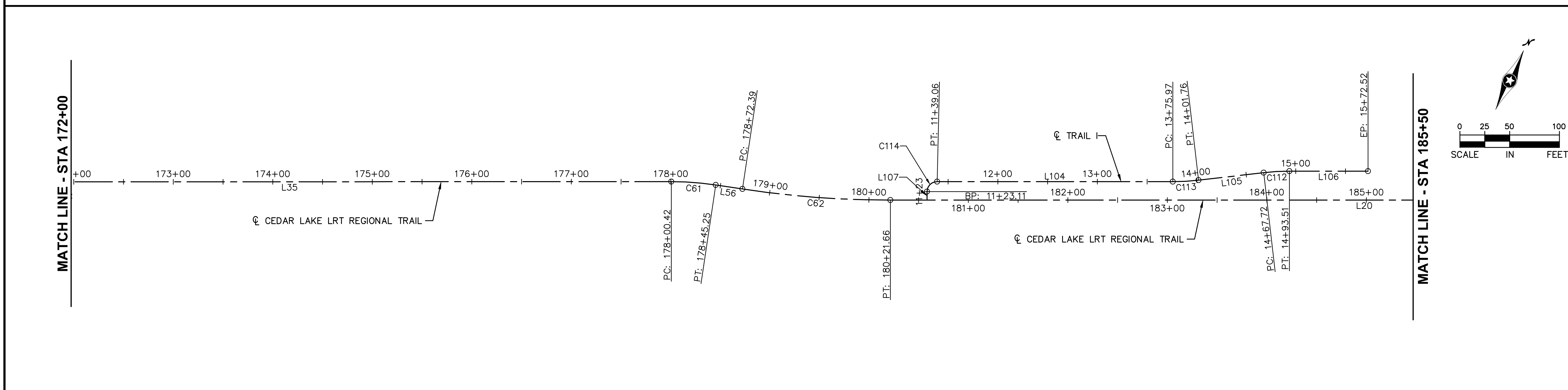
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 9

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 002





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

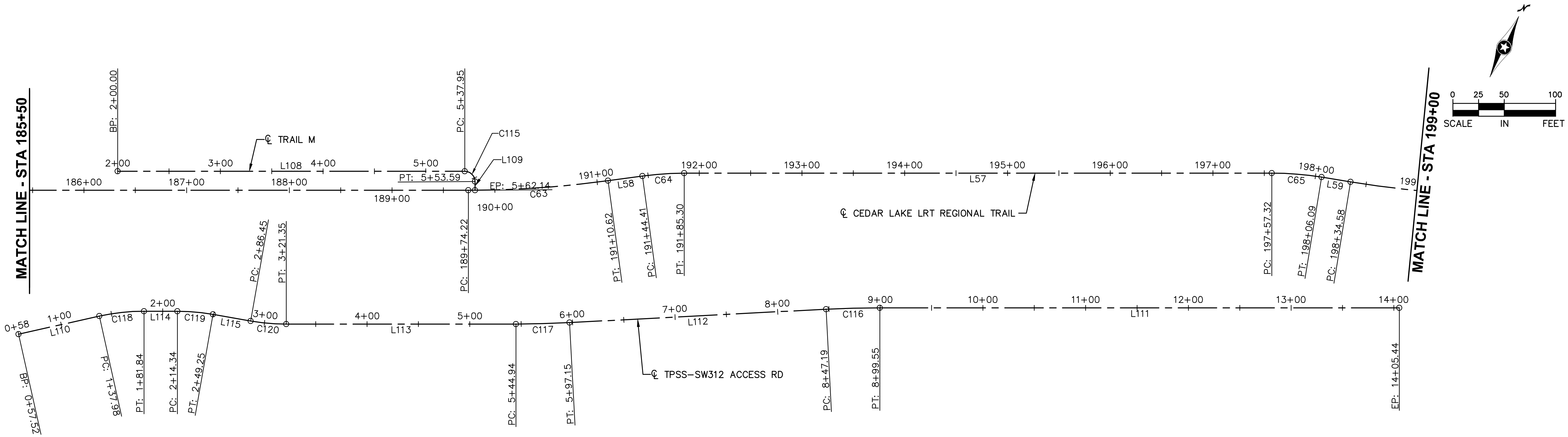
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 10

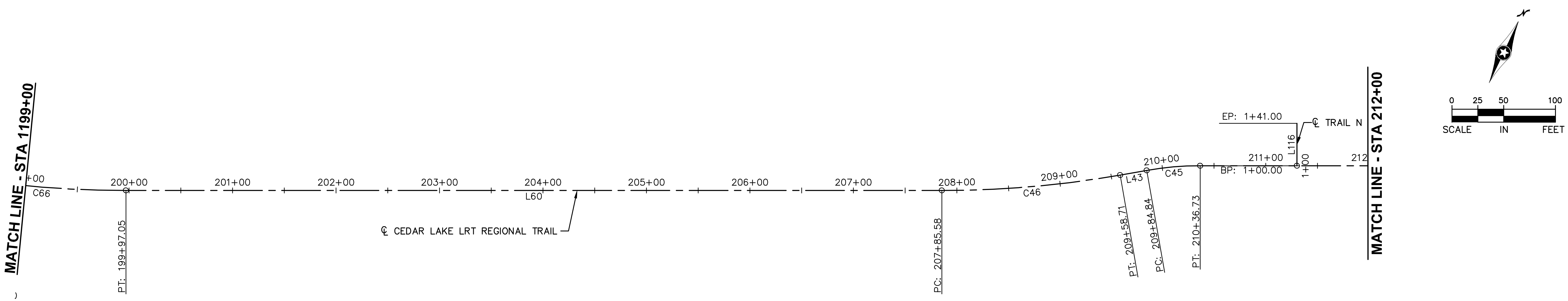
DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 003

SHEET 128 OF 302

Jan, 18 2016 08:04 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr





Jan. 18 2016 03:45 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

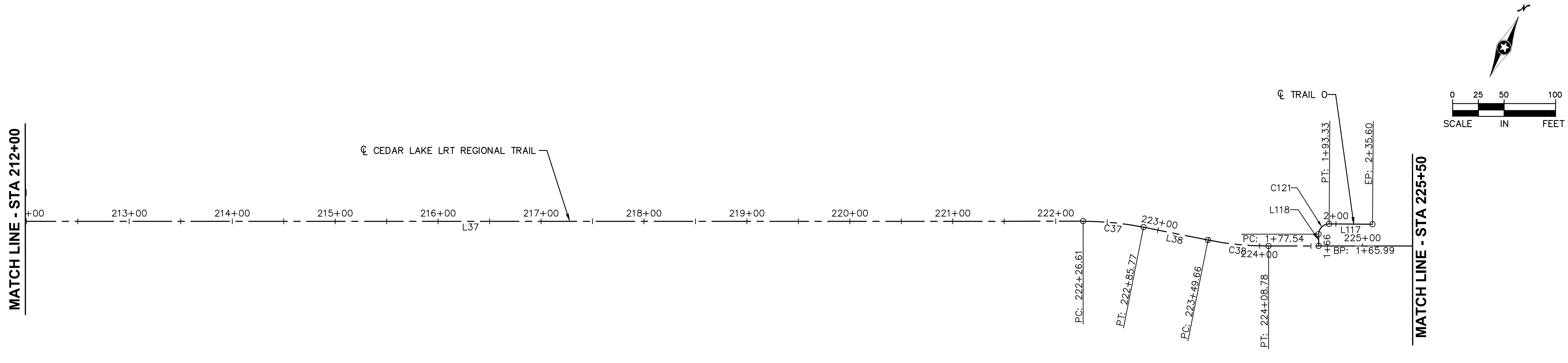
SOUTHWEST Green Line LRT Extension

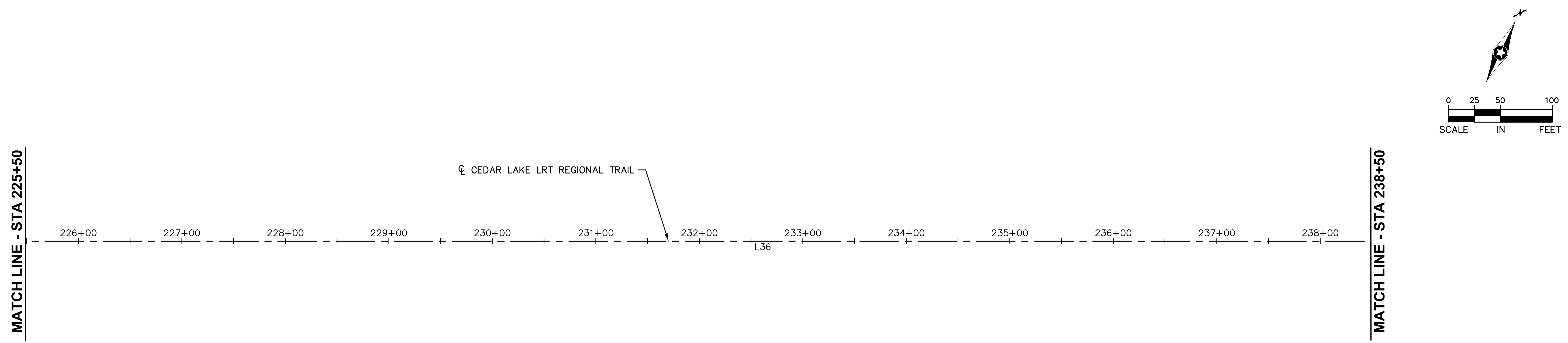
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 11

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 004

SHEET 129 OF 302





Jan, 18 2016 08:05 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

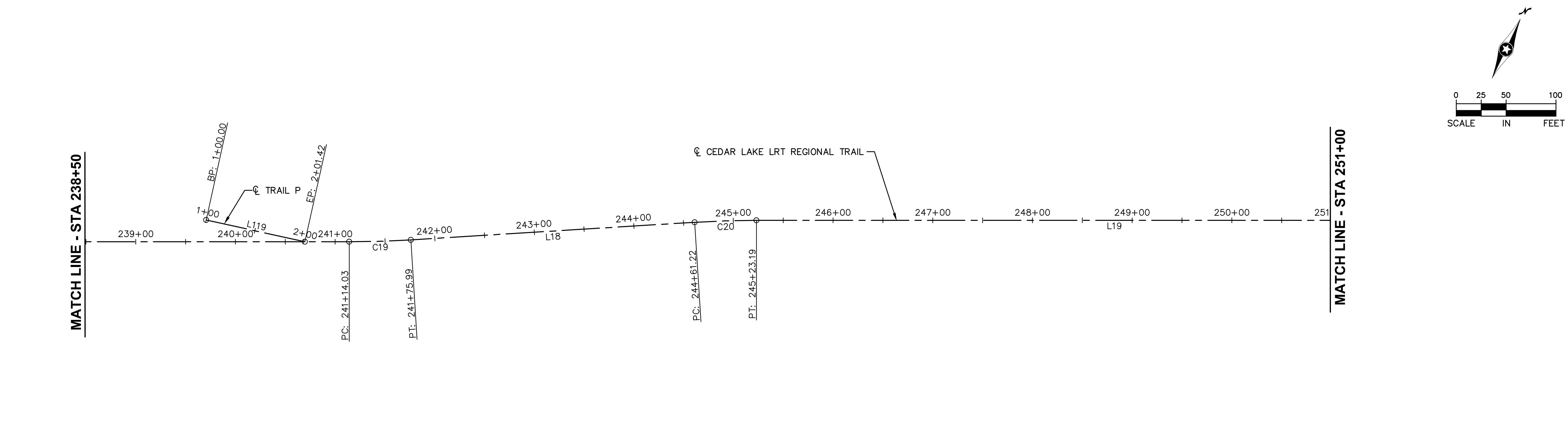
METROPOLITAN COUNCIL

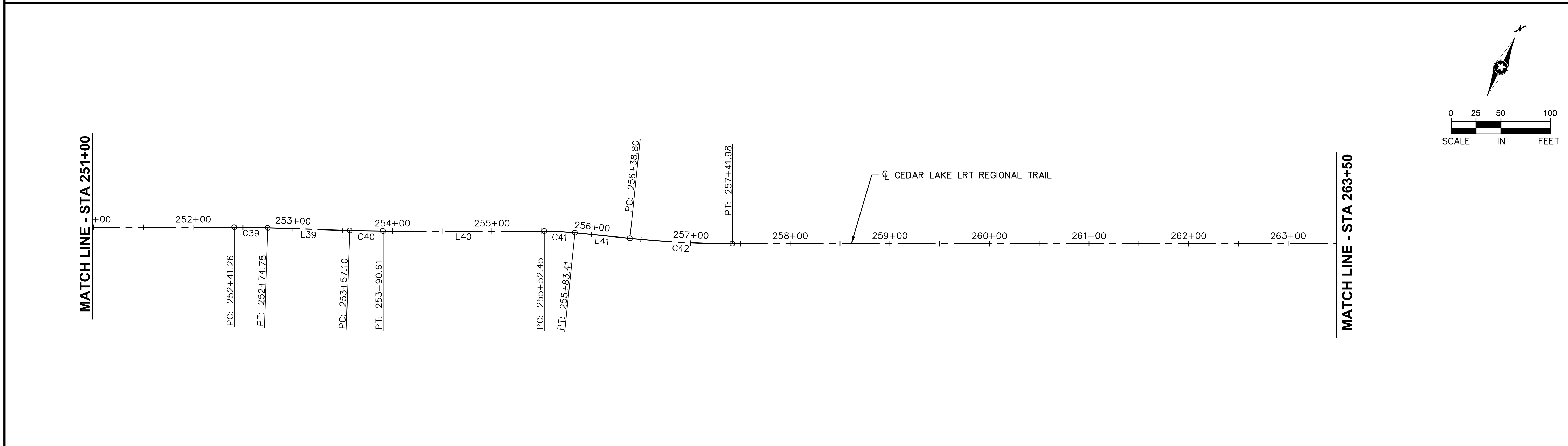
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 12

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 005





Jan. 18 2016 08:05 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

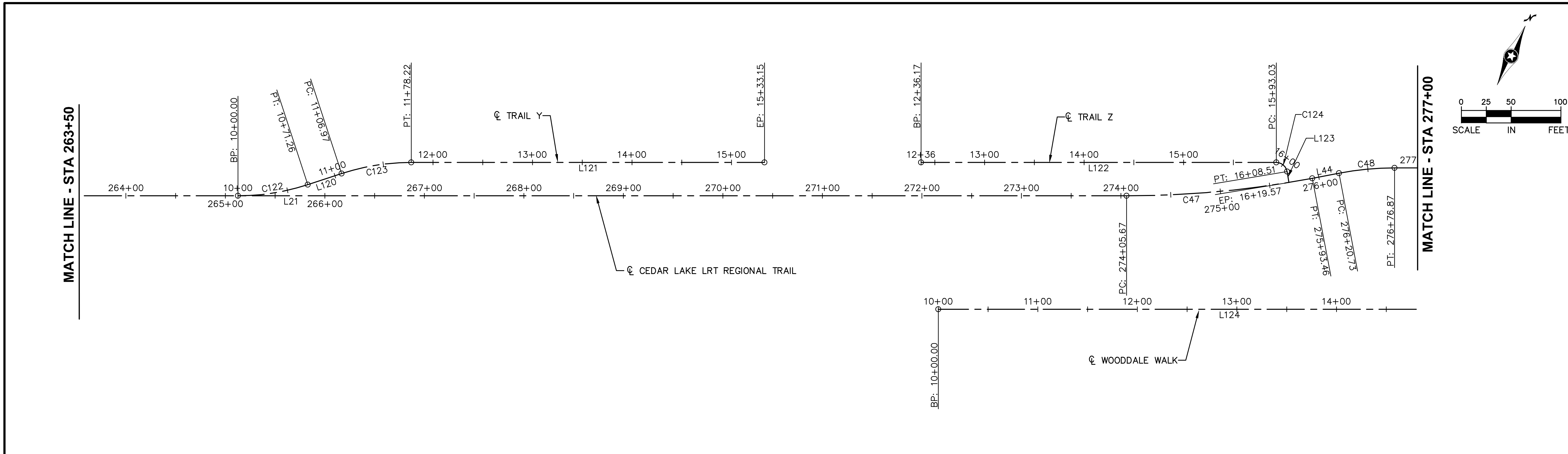
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

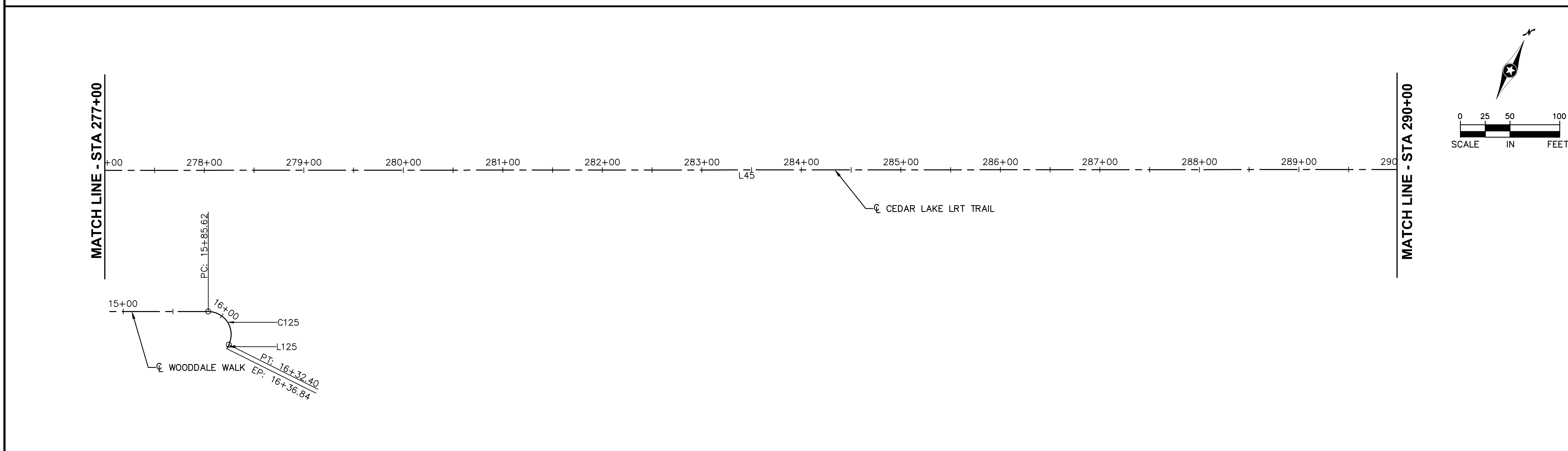
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 13

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 006





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

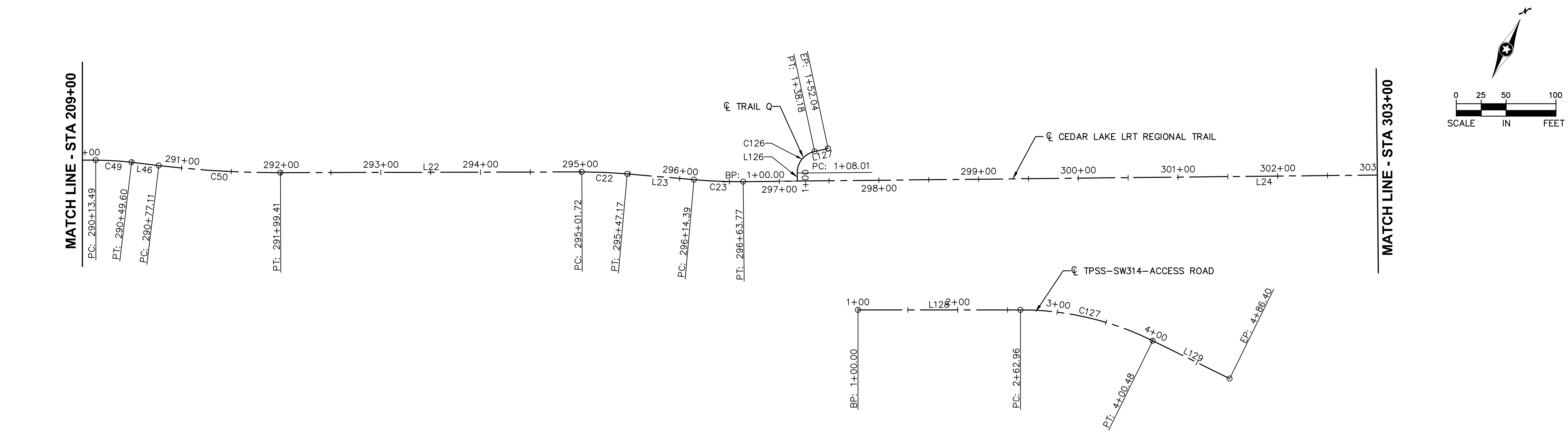
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 14

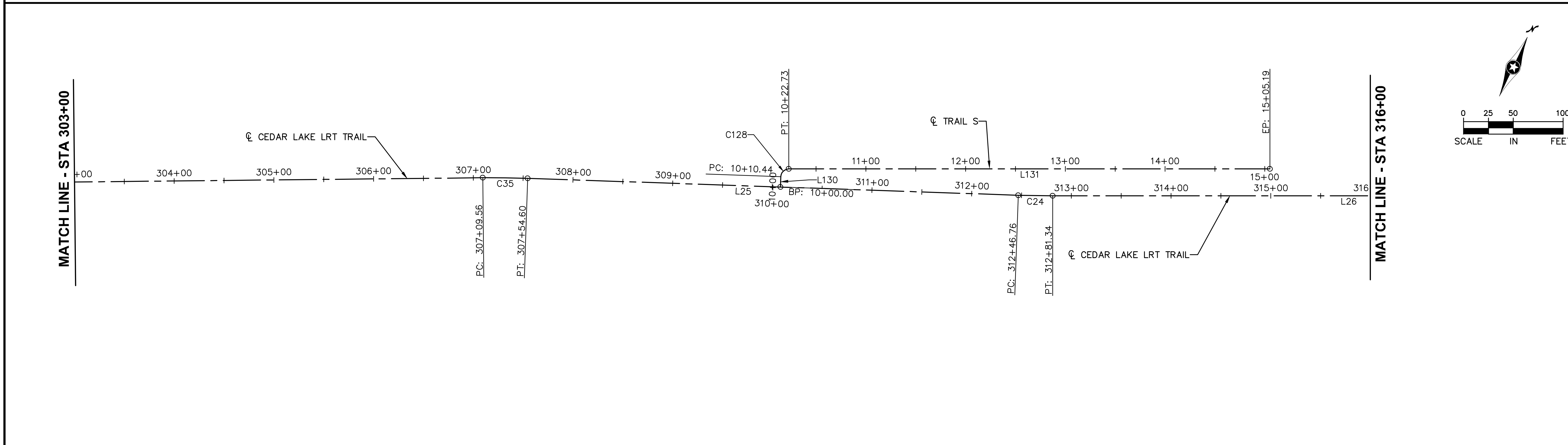
DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 007

SHEET 132 OF 302

Jan. 18 2016 08:05 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr





Jan, 18 2016 08:05 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

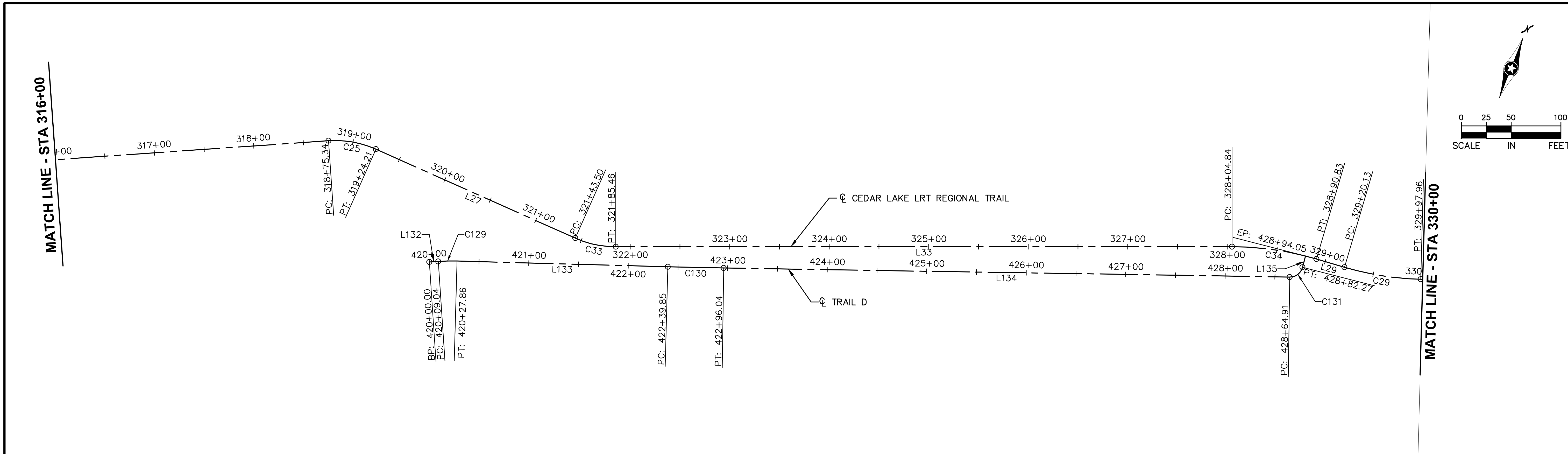
SOUTHWEST Green Line LRT Extension

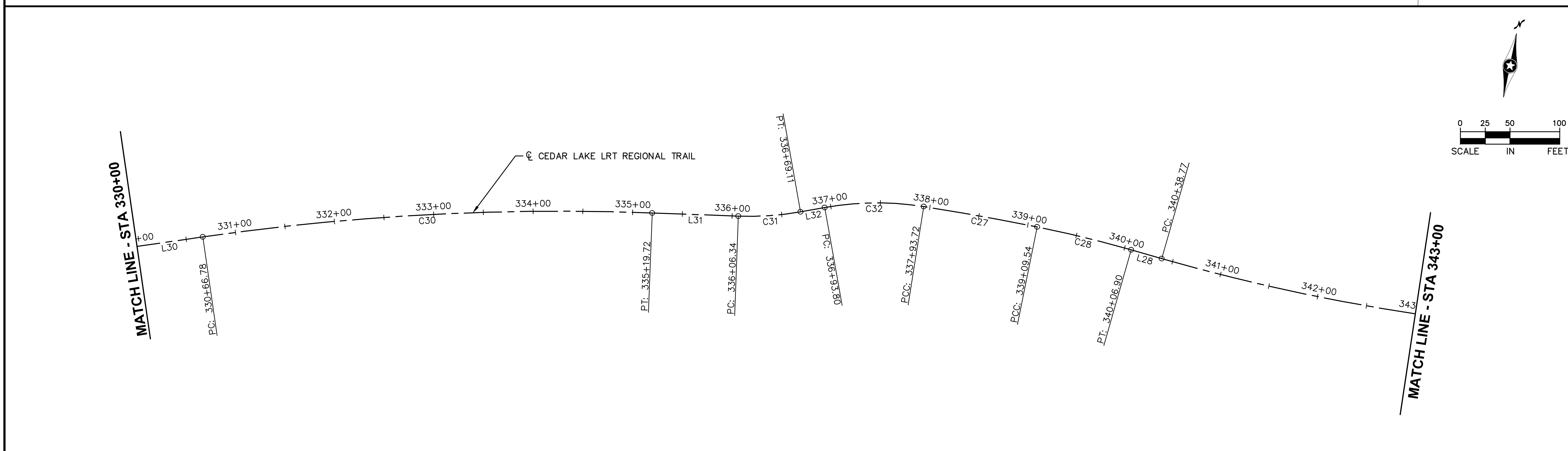
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 15

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 008

SHEET 133 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

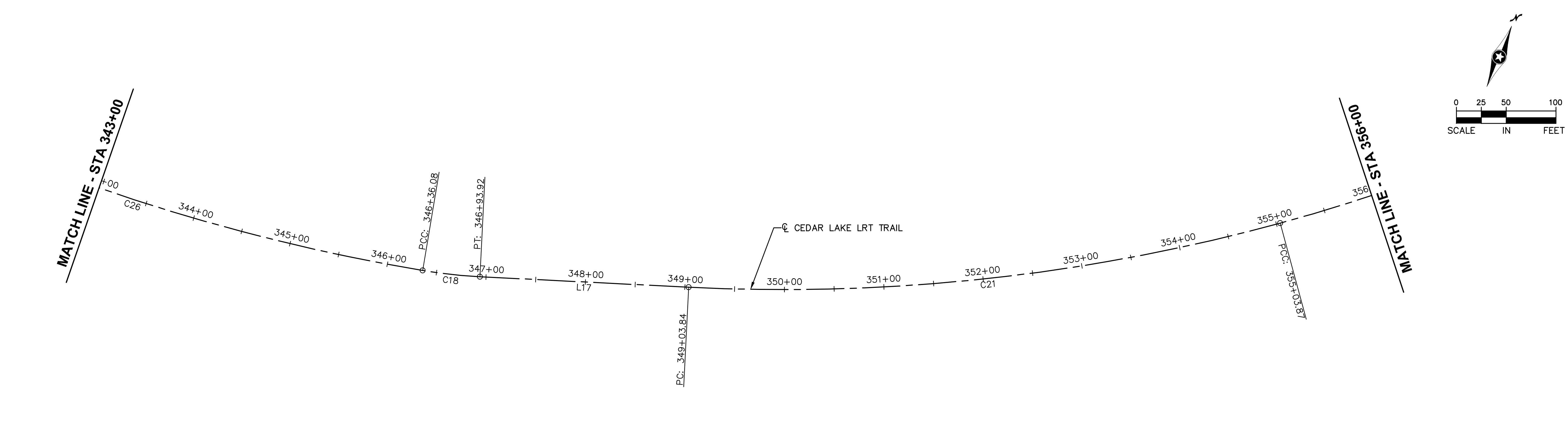
SOUTHWEST Green Line LRT Extension

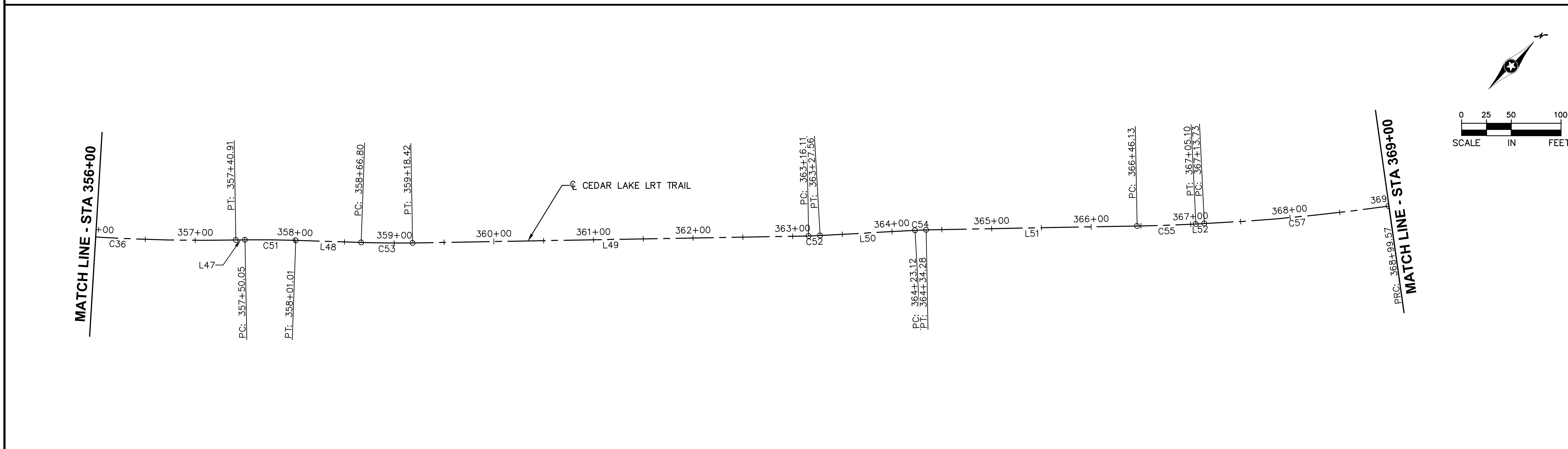
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 16

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 009

Jan, 18 2016 03:45 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: V-MatterEK





Jan, 18 2016 08:05 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

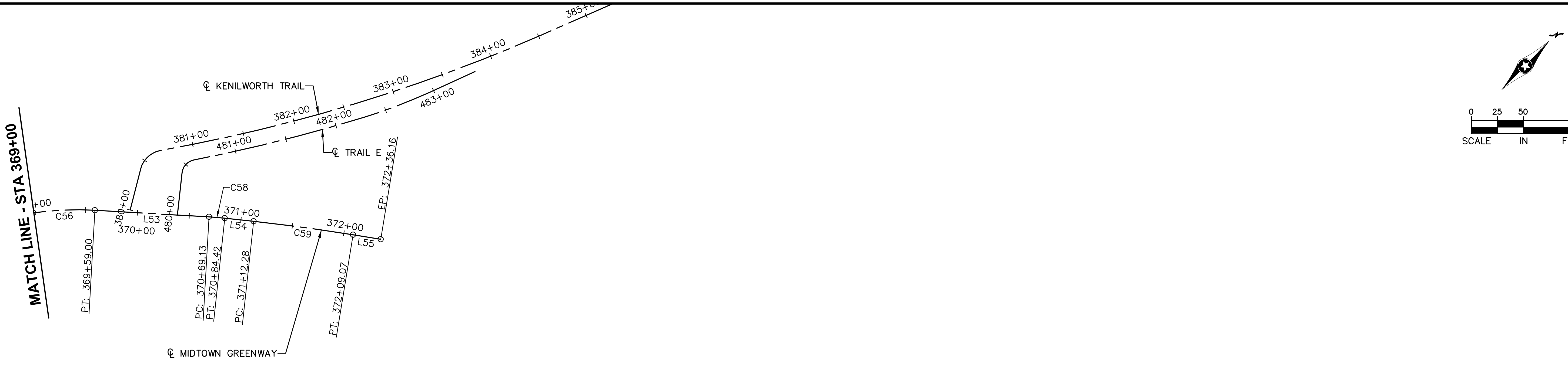
METROPOLITAN COUNCIL

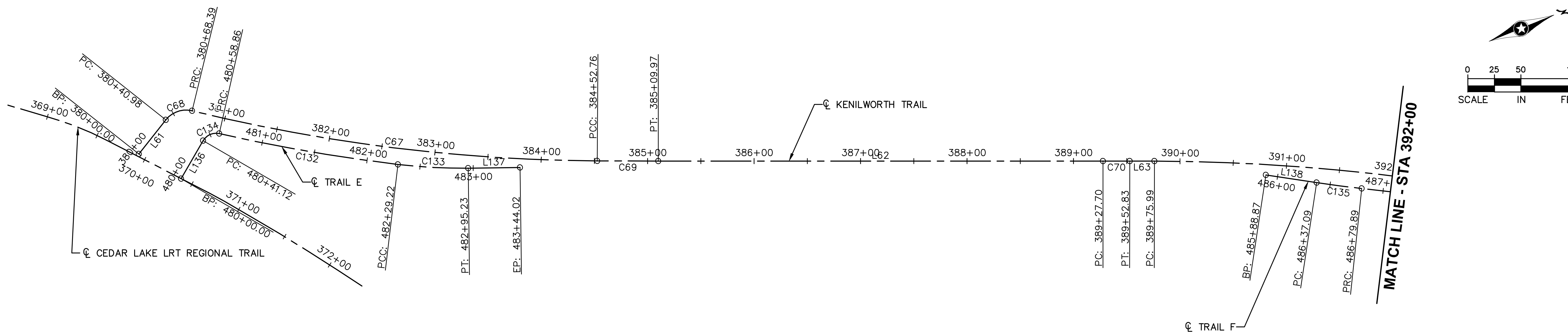
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 17

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 010





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

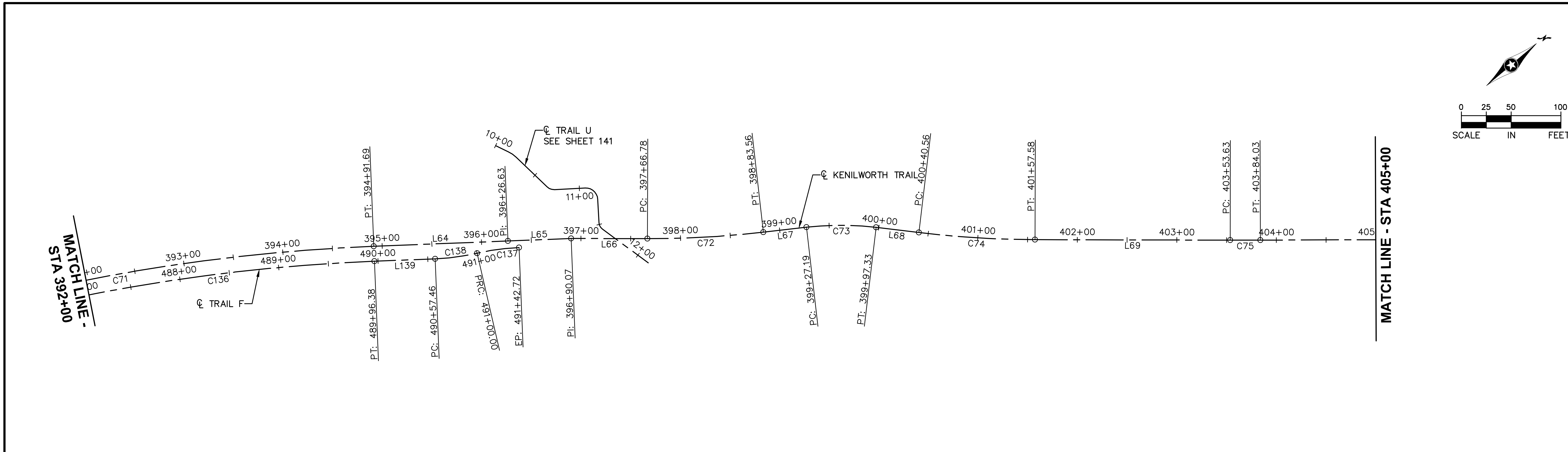
METROPOLITAN COUNCIL

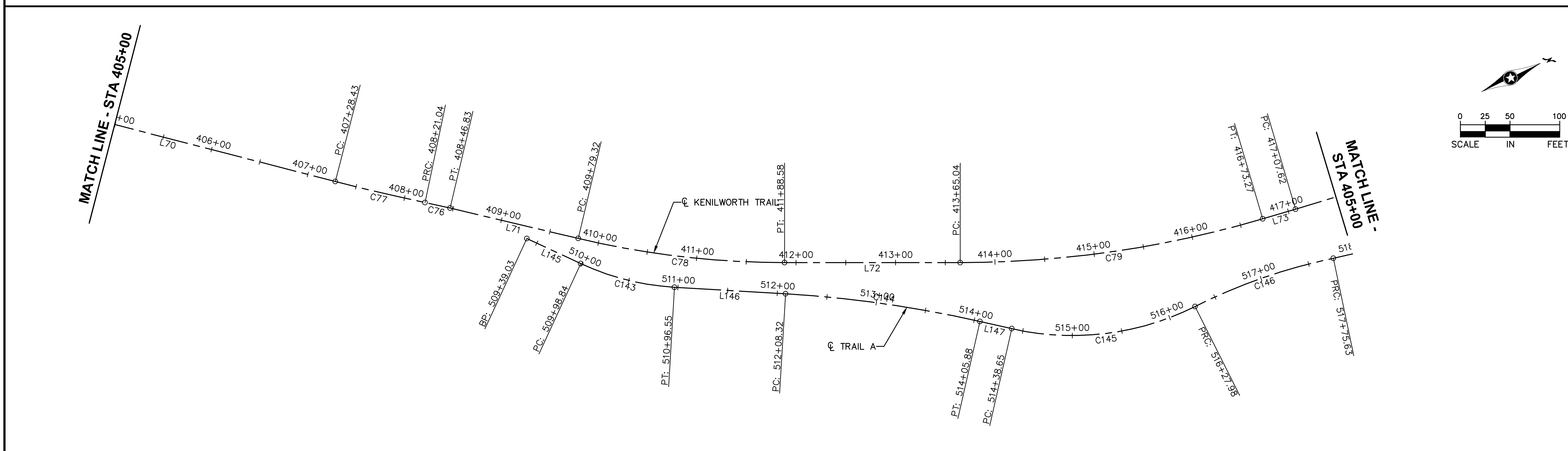
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 18

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 011





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

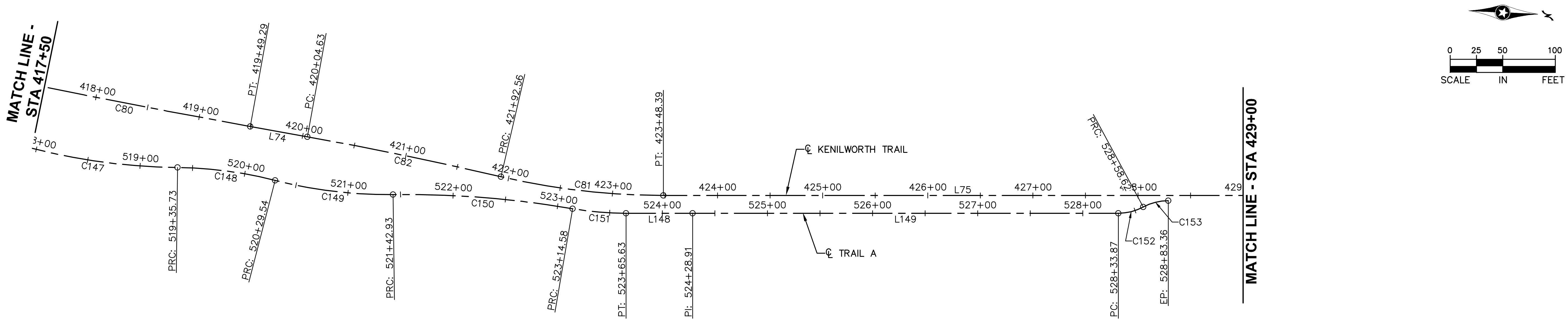
METROPOLITAN COUNCIL

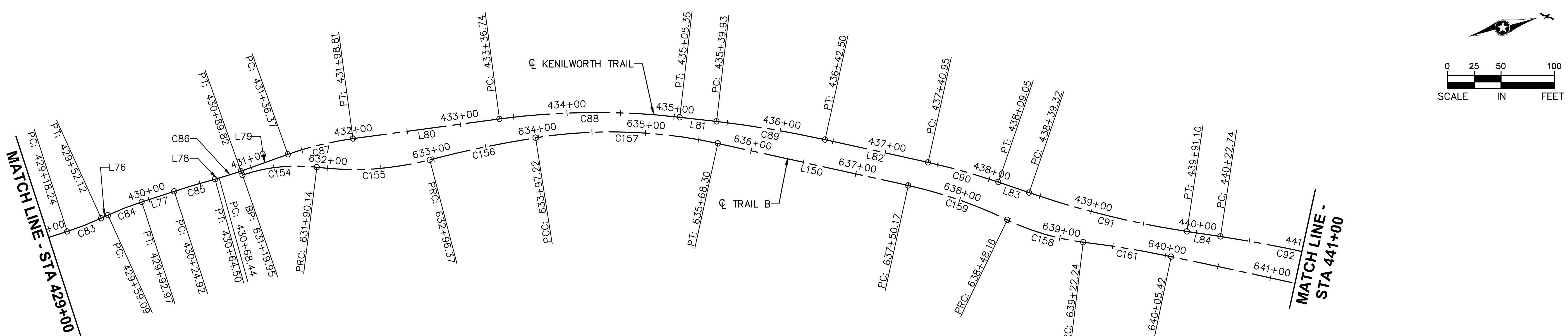
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 19

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 012





Jan. 18 2016 08:06 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

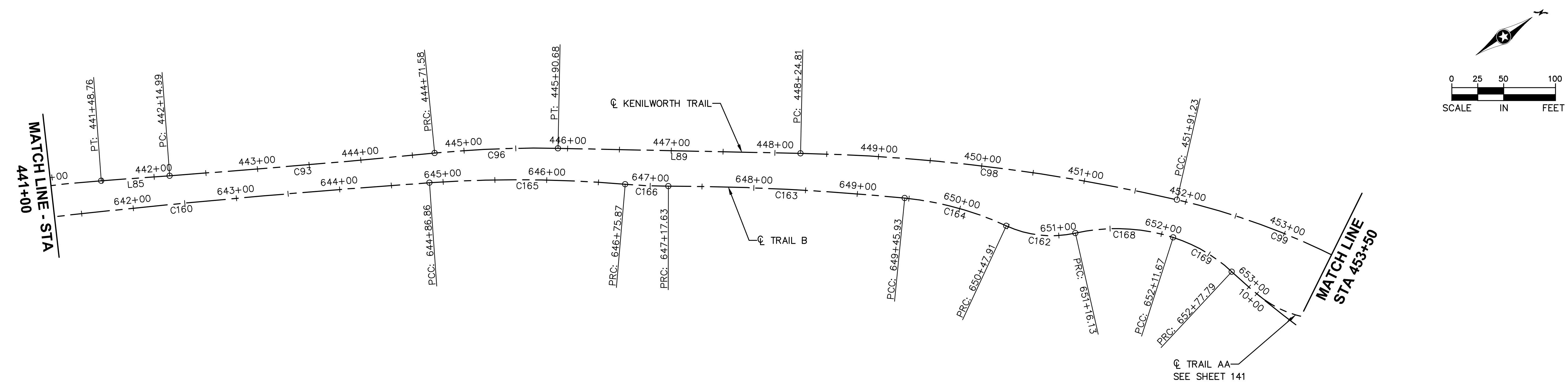
SOUTHWEST Green Line LRT Extension

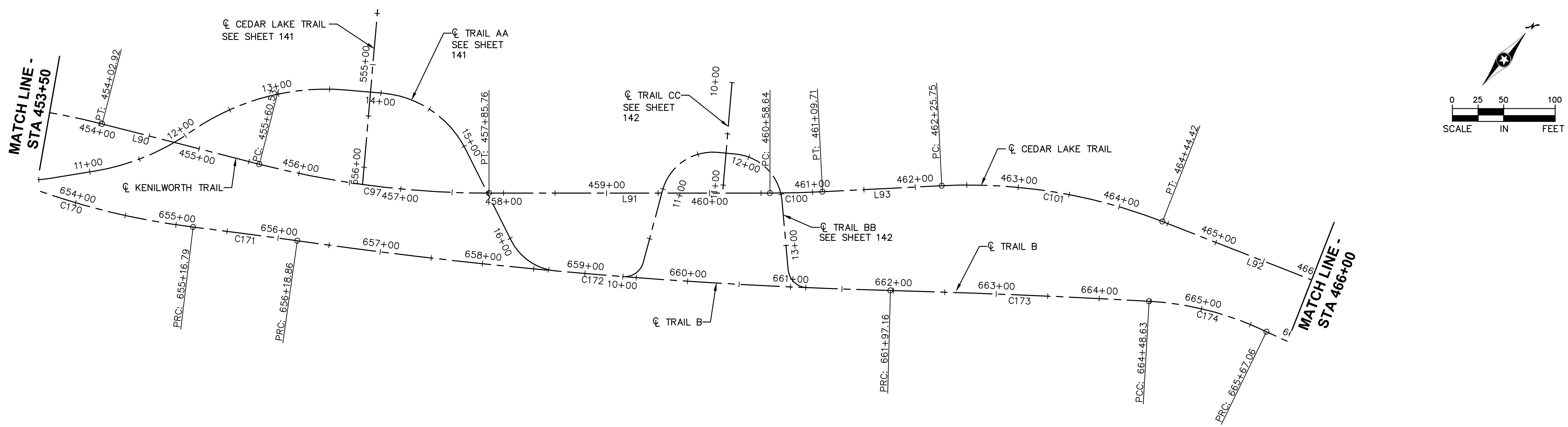
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 20

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 013

SHEET 138 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

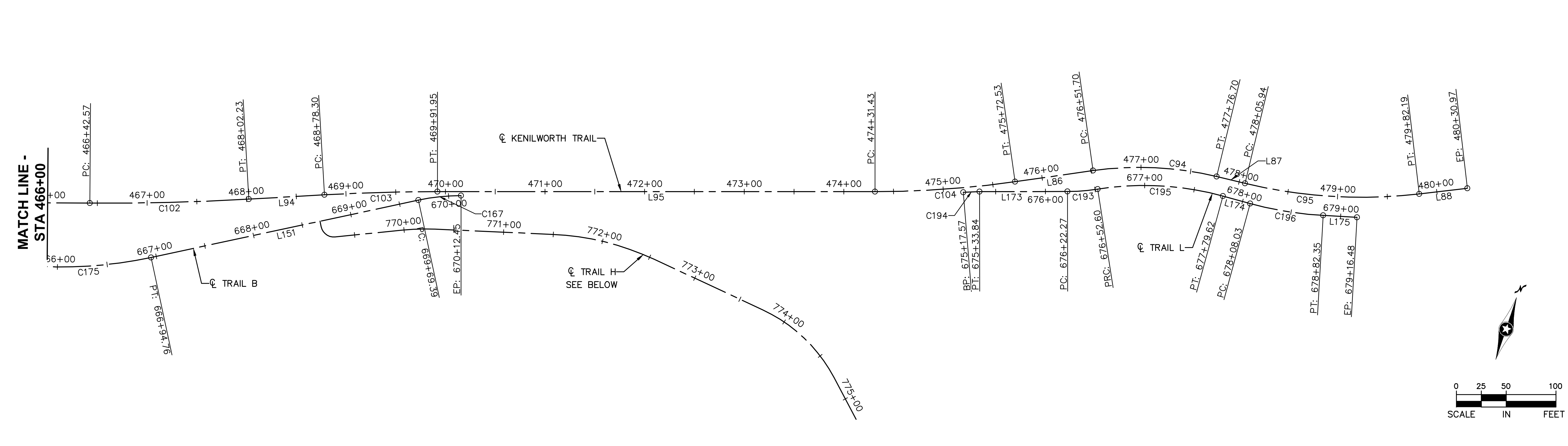
METROPOLITAN COUNCIL

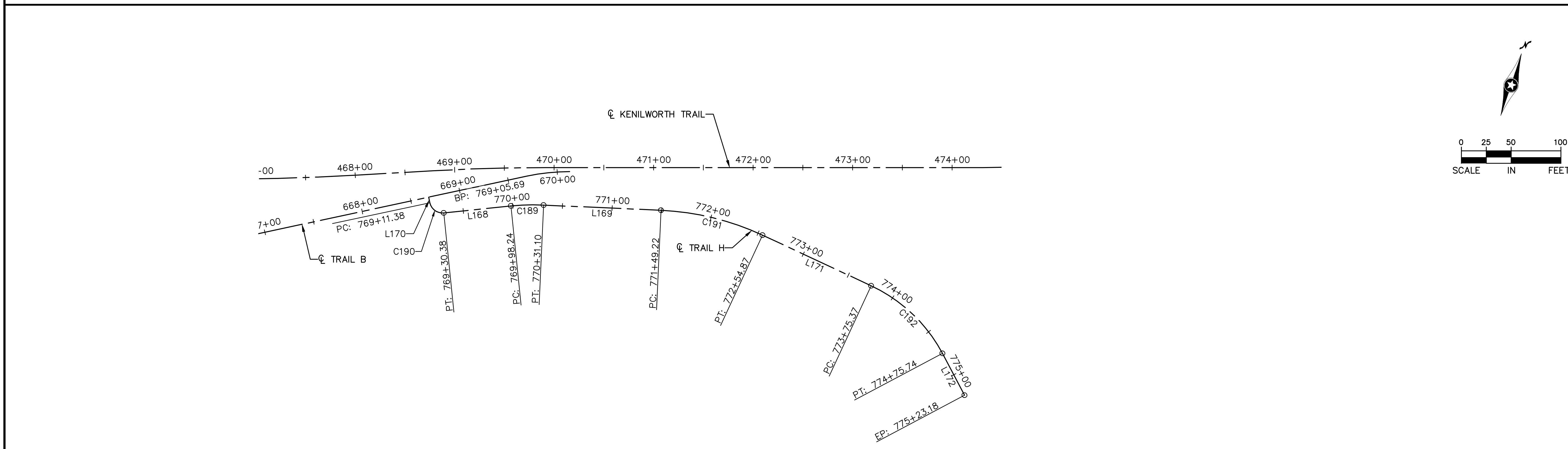
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 21

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 014





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

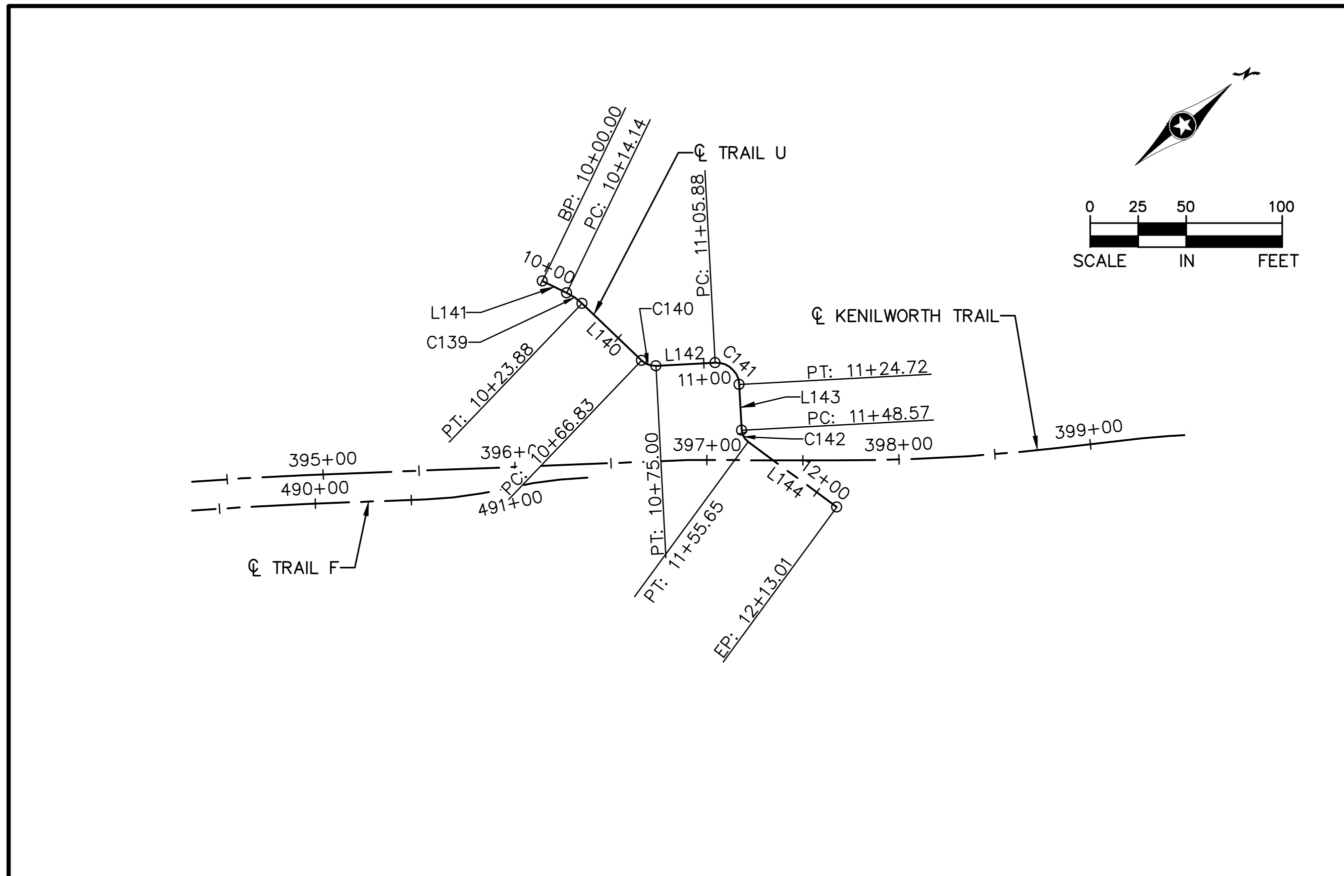
SOUTHWEST Green Line LRT Extension

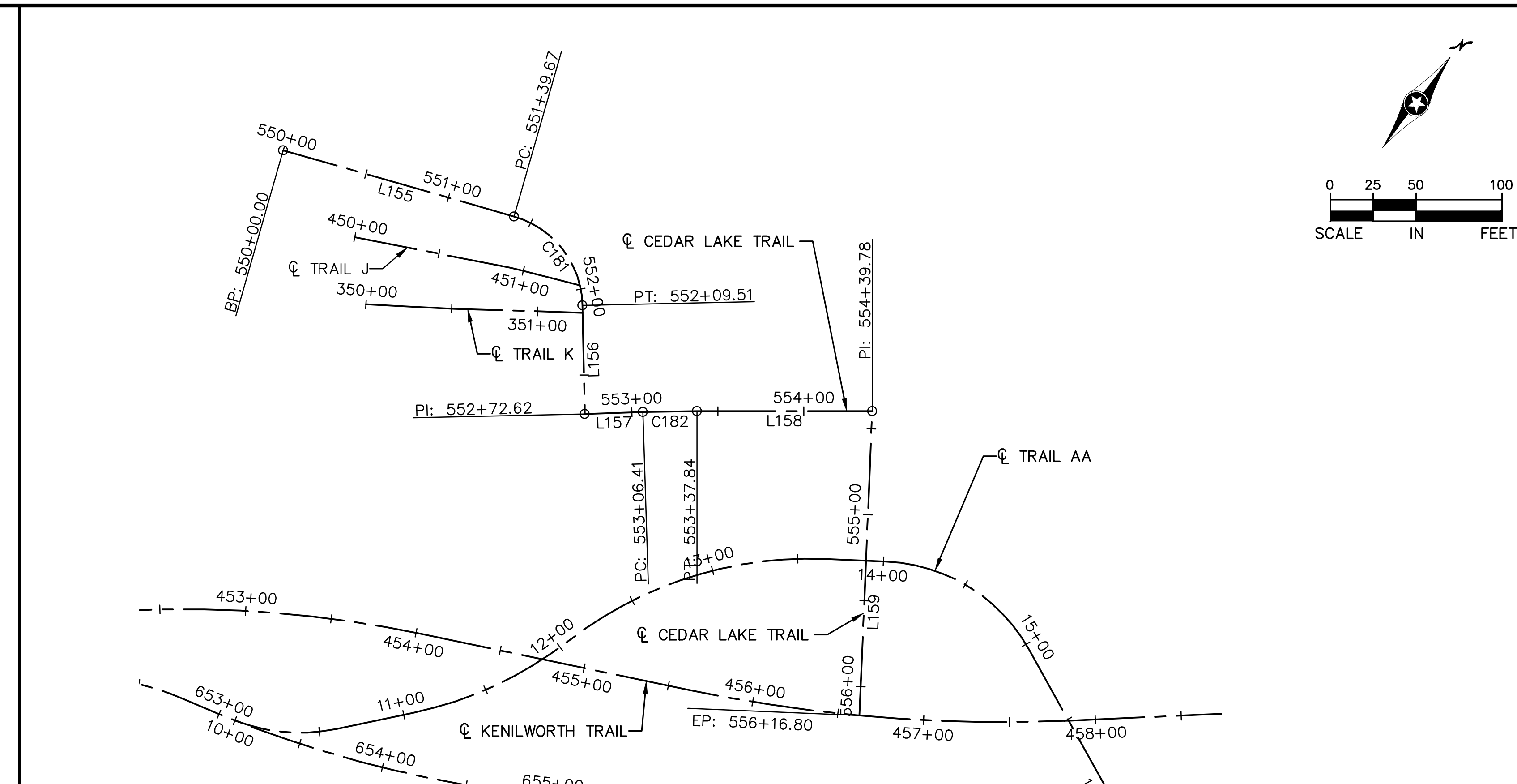
90% SUBMISSION - 01/22/16

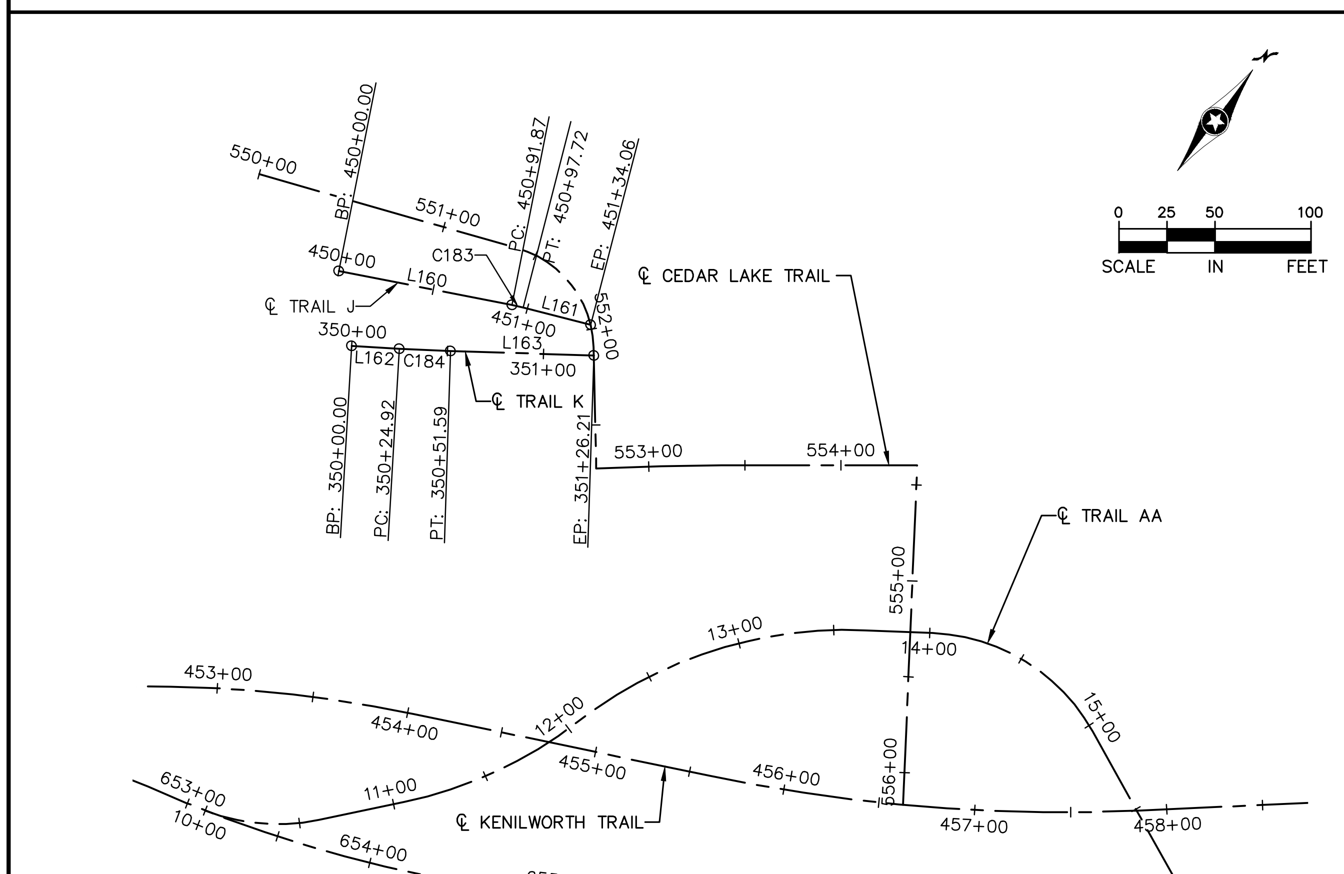
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 22

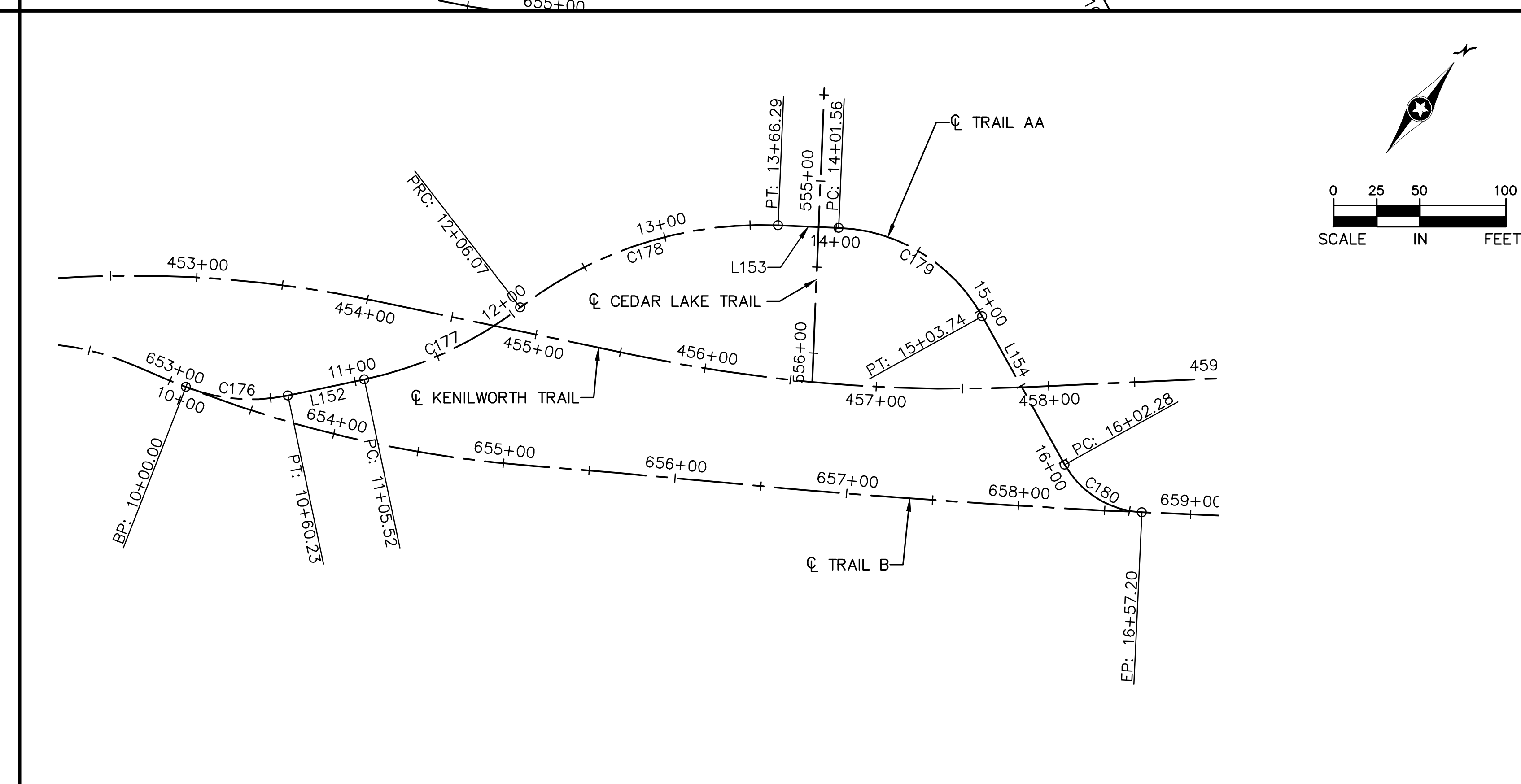
DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 015









NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

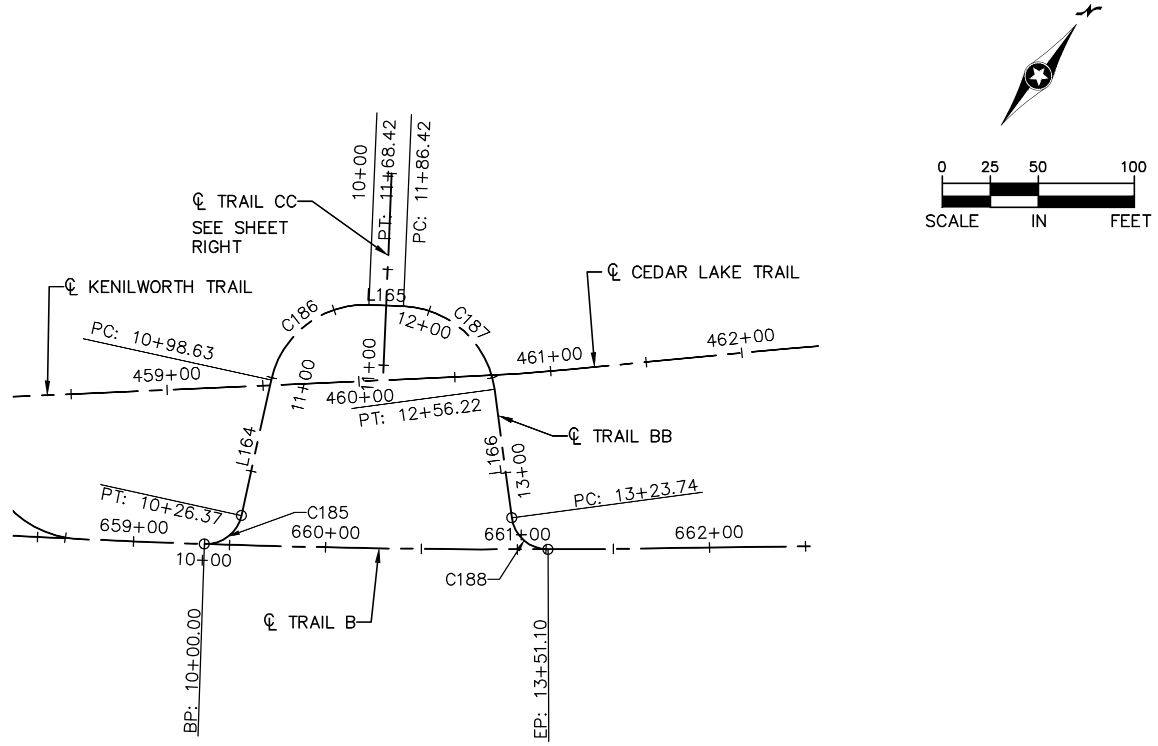
METROPOLITAN COUNCIL

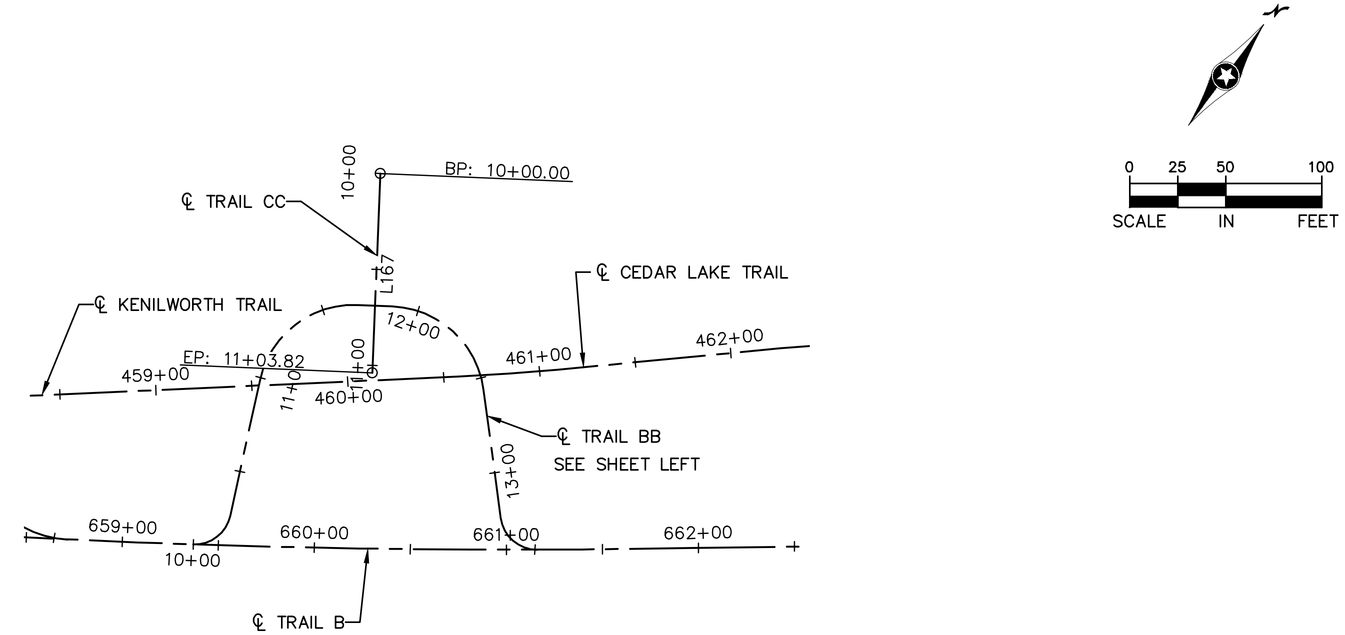
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 23

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 016





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 24

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 017

Jan, 18 2016 08:06 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

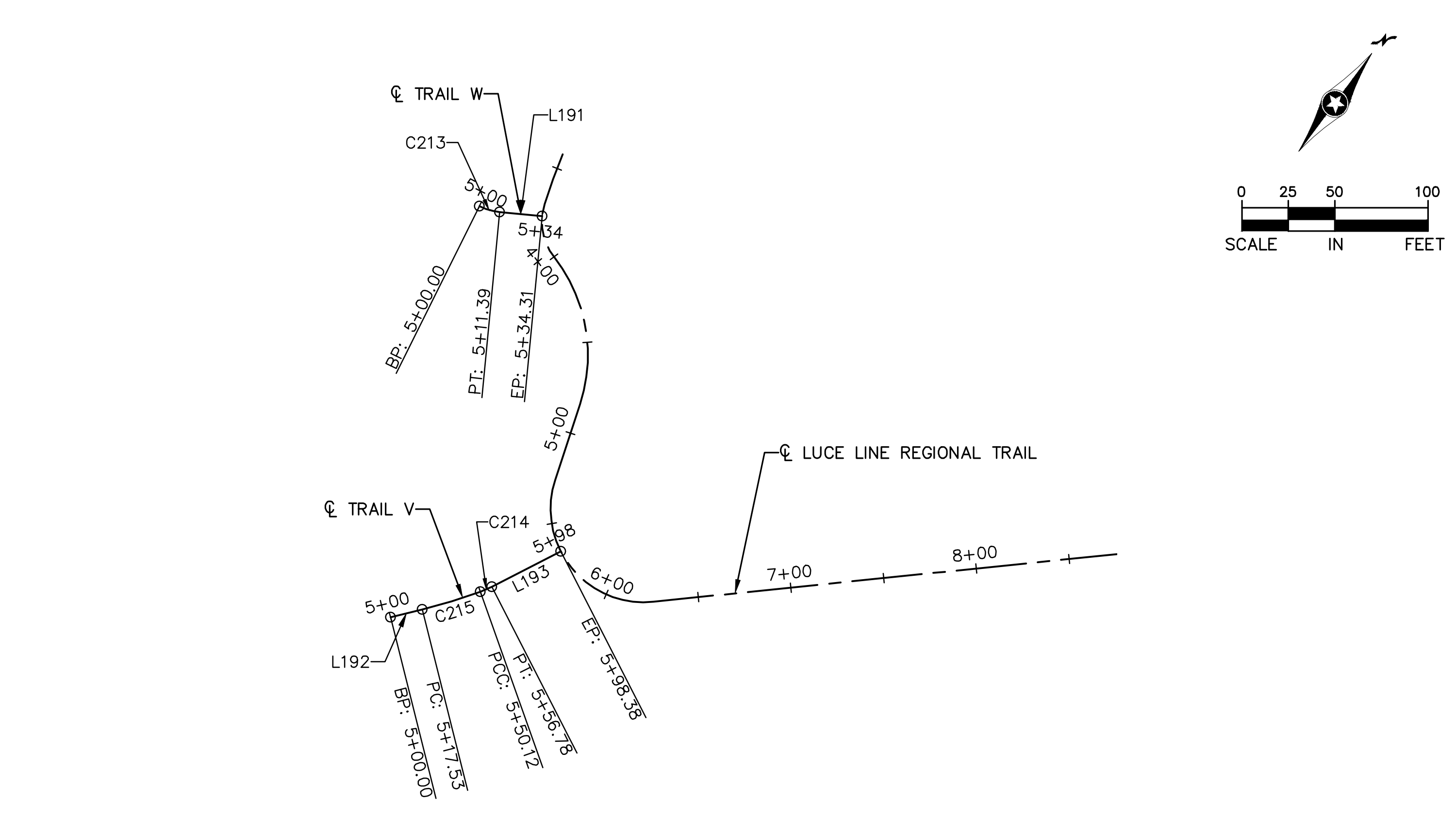
SOUTHWEST Green Line LRT Extension

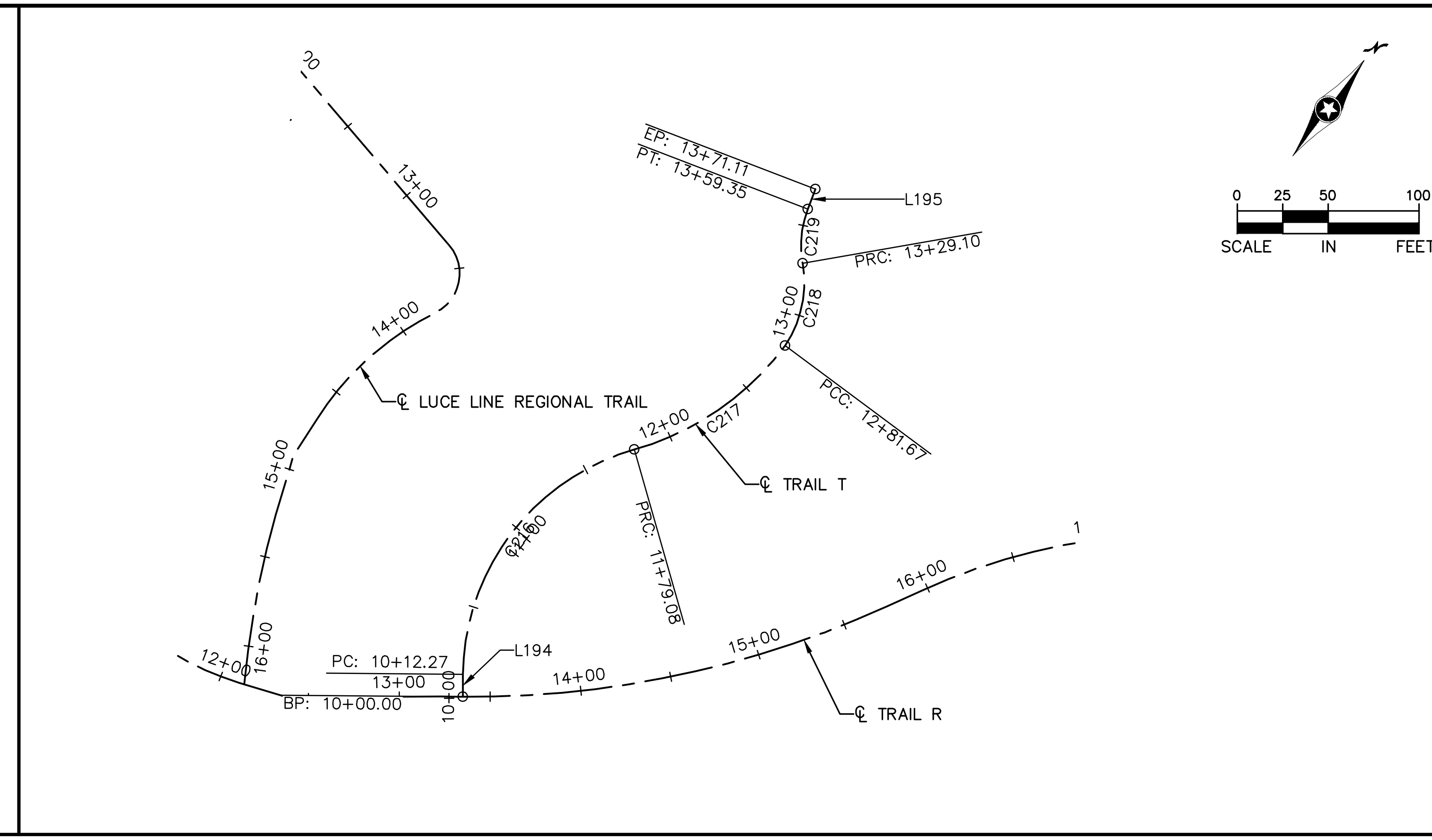
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 25

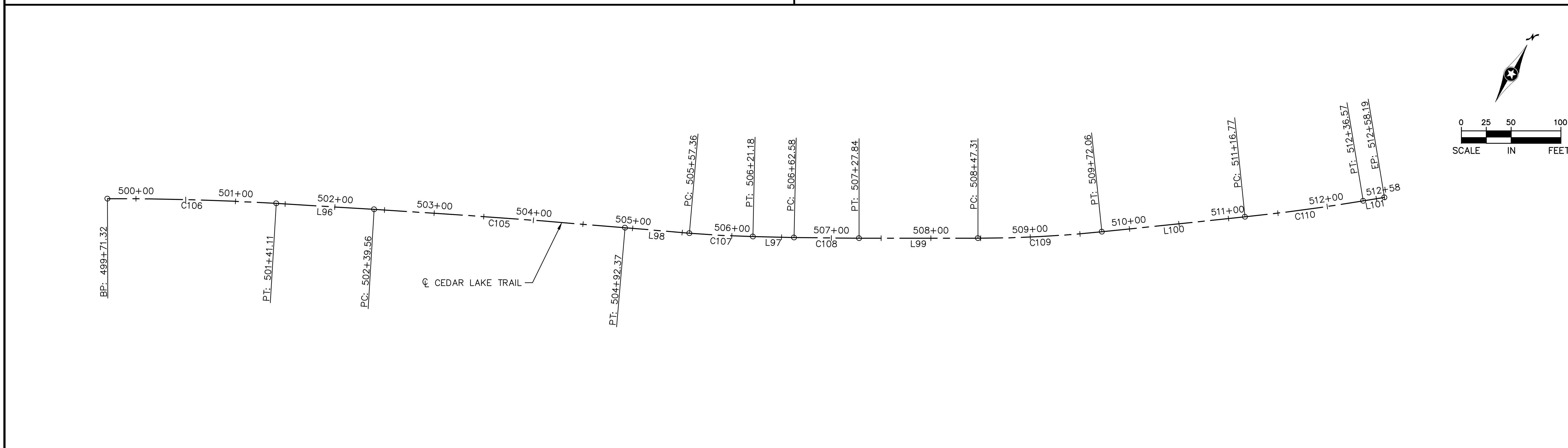
DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 018

SHEET 143 OF 302







NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT PLANS
SHEET 26

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 019

SHEET 144 OF 302

Jan, 18 2016 08:07 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

ALIGNMENT DATA
TRAIL 1

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L19	58+00.00	58+76.44							76.44	137721.69	491643.45	137774.28	491698.92	46°31'34"
C22	58+76.44	59+96.05	59+44.57		68°31'48"	57°17'44.81"	100.00	68.13	119.61	137774.28	491698.92	137792.30	491810.07	46°31'34" 115°03'22"
C23	59+96.05	60+64.06	60+30.65		25°58'47"	38°11'49.87"	150.00	34.60	68.01	137792.30	491810.07	137750.74	491863.18	115°03'22" 141°02'09"
C24	60+64.06	61+73.37	61+18.86		10°05'39"	9°14'06.95"	620.40	54.79	109.30	137750.74	491863.18	137672.23	491939.02	141°02'09" 130°56'30"
C25	61+73.37	62+37.73	62+06.71		36°52'51"	57°17'44.81"	100.00	33.34	64.37	137672.23	491939.02	137648.02	491997.47	130°56'30" 94°03'39"
L20	62+37.73	63+27.01							89.28	137648.02	491997.47	137641.70	492086.52	94°03'39"
C26	63+27.01	64+30.82	63+82.12		47°35'06"	45°50'11.84"	125.00	55.11	103.81	137641.70	492086.52	137594.58	492175.69	94°03'39" 141°38'45"
L21	64+30.82	65+20.55							89.73	137594.58	492175.69	137524.22	492231.37	141°38'45"
C27	65+20.55	66+09.87	65+66.92		37°54'37"	42°26'28.75"	135.00	46.37	89.32	137524.22	492231.37	137476.85	492305.18	141°38'45" 103°44'08"
L22	66+09.87	66+31.65							21.78	137476.85	492305.18	137471.68	492326.34	103°44'08"
C28	66+31.65	67+03.77	66+67.89		13°46'25"	19°05'54.94"	300.00	36.23	72.12	137471.68	492326.34	137463.10	492397.77	103°44'08" 89°57'43"
L23	67+03.77	67+11.39							7.62	137463.10	492397.77	137463.10	492405.39	89°57'43"
C29	67+11.39	67+80.59	67+46.83		30°29'49"	44°04'25.24"	130.00	35.44	69.20	137463.10	492405.39	137445.16	492471.38	89°57'43" 120°27'32"
L24	67+80.59	68+59.95							79.36	137445.16	492471.38	137404.93	492539.79	120°27'32"
C30	68+59.95	69+26.55	68+94.00		29°21'13"	44°04'25.24"	130.00	34.05	66.60	137404.93	492539.79	137387.02	492603.18	120°27'32" 91°06'19"
L25	69+26.55	69+62.98							36.43	137387.02	492603.18	137386.31	492639.60	91°06'19"

ALIGNMENT DATA
TRAIL 2

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C31	79+65.14	80+00.00	79+82.89		26°37'41"	76°23'39.74"	75.00	17.75	34.86	137794.06	491834.50	137810.92	491864.65	74°06'15" 47°28'34"
L26	80+00.00	83+11.82							311.83	137810.92	491864.65	138021.68	492094.46	47°28'34"
C32	83+11.82	83+93.99	83+55.39		47°04'50"	57°17'44.81"	100.00	43.56	82.17	138021.68	492094.46	138094.69	492126.87	47°28'34" 0°23'44"
L27	83+93.99	85+23.70							129.71	138094.69	492126.87	138224.39	492127.77	0°23'44"
C33	85+23.70	85+29.47	85+26.59		6°36'33"	114°35'29.61"	50.00	2.89	5.77	138224.39	492127.77	138230.15	492127.48	0°23'44" 353°47'11"
C34	85+29.47	85+35.28	85+32.38		6°39'29"	114°35'29.61"	50.00	2.91	5.81	138230.15	492127.48	138235.95	492127.18	353°47'11" 0°26'40"
L28	85+35.28	86+11.94							76.66	138235.95	492127.18	138312.61	492127.78	0°26'40"

Jan, 18 2016 09:24 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-ALG.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 1

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-TAB-006

ALIGNMENT DATA
TRAIL 2

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L22	86+11.94	95+76.16							964.22	138312.61	492127.78	139276.80	492135.26	0°26'40"
C16	95+76.16	96+42.12	96+18.15		89°59'17"	136°25'06.68"	42.00	41.99	65.96	139276.80	492135.26	139318.47	492177.57	0°26'40" 90°25'57"
L23	96+42.12	97+35.70							93.58	139318.47	492177.57	139317.76	492271.15	90°25'57"
C17	97+35.70	97+91.78	97+71.24		89°15'16"	159°09'17.81"	36.00	35.53	56.08	139317.76	492271.15	139353.02	492307.42	90°25'57" 1°10'41"
C18	100+68.56	102+53.24	101+65.16		41°29'50"	22°28'08.17"	255.00	96.60	184.69	139629.74	492313.11	139797.34	492380.58	1°10'41" 42°40'31"
L25	102+53.24	103+84.66							131.42	139797.34	492380.58	139893.96	492469.65	42°40'31"

ALIGNMENT DATA
TRAIL 3

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L26	0+00.00	0+03.23							3.23	138900.99	492011.42	138901.39	492014.62	82°48'57"
C19	0+03.23	0+31.99	0+20.74		82°24'12"	286°28'44.03"	20.00	17.51	28.76	138901.39	492014.62	138921.09	492032.12	82°48'57" 0°24'45"
L27	0+31.99	1+71.60							139.61	138921.09	492032.12	139060.70	492033.13	0°24'45"

ALIGNMENT DATA
TRAIL 4

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L28	30+00.00	31+18.11							118.11	139756.80	491425.87	139774.28	491542.69	81°29'16"
C20	31+18.11	31+88.43	31+57.94		67°08'56"	95°29'34.68"	60.00	39.83	70.32	139774.28	491542.69	139746.17	491602.80	81°29'16" 148°38'12"
L29	31+88.43	32+64.49							76.06	139746.17	491602.80	139681.22	491642.39	148°38'12"
C21	32+64.49	33+54.87	33+13.03		51°46'57"	57°17'44.81"	100.00	48.54	90.38	139681.22	491642.39	139633.98	491715.84	148°38'12" 96°51'15"
L30	33+54.87	34+55.47							100.60	139633.98	491715.84	139621.97	491815.72	96°51'15"
C22	34+55.47	35+57.21	35+08.38		38°51'39"	38°11'49.87"	150.00	52.91	101.74	139621.97	491815.72	139643.70	491913.13	96°51'15" 57°59'36"
C23	35+57.21	36+12.80	35+88.27		63°42'17"	114°35'29.61"	50.00	31.06	55.59	139643.70	491913.13	139643.85	491965.90	57°59'36" 121°41'53"
L31	36+12.80	36+21.97							9.16	139643.85	491965.90	139639.03	491973.70	121°41'53"

ALIGNMENT DATA
TRAIL 5

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L32	0+00.00	0+36.03							36.03	139060.31	492083.58	139060.59	492047.55	270°26'40"
C24	0+36.03	0+91.01	0+71.03		90°00'00"	163°42'08.02"	35.00	35.00	54.98	139060.59	492047.55	139095.86	492012.82	270°26'40" 0°26'40"
L33	0+91.01	4+60.72							369.72	139095.86	492012.82	139465.56	492015.69	0°26'40"
C25	4+60.72	5+41.62	5+02.50		35°16'24"	43°36'14.74"	131.40	41.78	80.89	139465.56	492015.69	139541.63	491992.15	0°26'40" 325°10'16"
C26	5+41.62	7+01.51	6+35.55		75°27'54"	47°11'51.64"	121.40	93.94	159.89	139541.63	491992.15	139690.02	491999.68	325°10'16" 40°38'10"
C27	7+01.51	7+95.09	7+50.38		40°48'16"	43°36'14.74"	131.40	48.87	93.58	139690.02	491999.68	139775.98	492031.37	40°38'10" 359°49'54"
L34	7+95.09	8+82.29							87.20	139775.98	492031.37	139863.18	492031.11	359°49'54"
C28	8+82.29	9+21.65	9+07.38		90°13'01"	229°10'59.22"	25.00	25.09	39.36	139863.18	492031.11	139888.25	492056.13	359°49'54" 90°02'55"
L35	9+21.65	9+82.96							61.31	139888.25	492056.13	139888.20	492117.44	90°02'55"
C29	9+82.96	10+44.46	10+15.56		46°58'41"	76°23'39.74"	75.00	32.59	61.49	139888.20	492117.44	139864.32	492172.25	90°02'55" 137°01'37"
C30	10+44.46	11+06.62	10+77.45		47°29'23"	76°23'39.74"	75.00	32.99	62.16	139864.32	492172.25	139840.45	492227.74	137°01'37" 89°32'13"
L36	11+06.62	12+16.36							109.74	139840.45	492227.74	139841.34	492337.47	89°32'13"
C31	12+16.36	12+86.85	12+51.61		3°13'51"	4°35'01.18"	1250.00	35.25	70.48	139841.34	492337.47	139843.89	492407.90	89°32'13" 86°18'23"
L37	12+86.85	12+93.47							6.63	139843.89	492407.90	139844.32	492414.51	86°18'23"
C32	12+93.47	13+12.51	13+03.48		43°38'40"	229°10'59.22"	25.00	10.01	19.04	139844.32	492414.51	139852.32	492431.29	86°18'23" 42°39'43"

Jan, 18 2016 09:25 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-ALG.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 3

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TAB-005

ALIGNMENT DATA
TRAIL 6

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L38	25+00.00	25+16.64							16.64	139880.45	492138.08	139897.04	492139.31	4°15'05"
C33	25+16.64	26+30.67	25+75.25		32°40'04"	28°38'52.40"	200.00	58.61	114.03	139897.04	492139.31	140007.04	492115.77	4°15'05" 331°35'00"
C34	26+30.67	26+98.59	26+64.96		19°27'30"	28°38'52.40"	200.00	34.29	67.92	140007.04	492115.77	140071.07	492094.11	331°35'00" 351°02'30"
C35	26+98.59	31+58.21	29+30.42		18°30'23"	4°01'35.07"	1423.00	231.83	459.62	140071.07	492094.11	140505.78	491951.09	351°02'30" 332°32'08"
C36	31+58.21	31+73.73	31+66.10		25°24'08"	163°42'08.02"	35.00	7.89	15.52	140505.78	491951.09	140520.66	491947.17	332°32'08" 357°56'16"
L39	31+73.73	33+78.54							204.81	140520.66	491947.17	140725.33	491939.80	357°56'16"
C37	33+78.54	34+23.99	34+03.42		57°52'26"	127°19'26.24"	45.00	24.88	45.45	140725.33	491939.80	140762.66	491917.37	357°56'16" 300°03'50"
L40	34+23.99	35+38.71							114.72	140762.66	491917.37	140820.13	491818.09	300°03'50"
C38	35+38.71	35+40.59	35+39.65		2°09'31"	114°35'29.61"	50.00	0.94	1.88	140820.13	491818.09	140821.10	491816.47	300°03'50" 302°13'21"
L41	35+40.59	36+31.42							90.83	140821.10	491816.47	140869.53	491739.63	302°13'21"
C39	36+31.42	36+35.66	36+33.54		4°51'15"	114°35'29.61"	50.00	2.12	4.24	140869.53	491739.63	140871.64	491735.96	302°13'21" 297°22'06"
L42	36+35.66	37+30.51							94.85	140871.64	491735.96	140915.24	491651.73	297°22'06"
C40	37+30.51	37+73.01	37+51.84		12°10'31"	28°38'52.40"	200.00	21.33	42.50	140915.24	491651.73	140938.63	491616.34	297°22'06" 309°32'37"
L43	37+73.01	38+52.17							79.16	140938.63	491616.34	140989.02	491555.29	309°32'37"
C41	38+52.17	39+77.51	39+14.96		8°58'37"	7°09'43.10"	800.00	62.80	125.34	140989.02	491555.29	141076.06	491465.27	309°32'37" 318°31'14"
L44	39+77.51	43+52.52							375.01	141076.06	491465.27	141357.01	491216.88	318°31'14"
C42	43+52.52	44+91.27	44+22.35		15°53'59"	11°27'32.96"	500.00	69.82	138.75	141357.01	491216.88	141446.97	491111.82	318°31'14" 302°37'15"
L45	44+91.27	46+30.69							139.42	141446.97	491111.82	141522.12	490994.40	302°37'15"
C43	46+30.69	48+46.09	47+41.07		30°51'16"	14°19'26.20"	400.00	110.38	215.40	141522.12	490994.40	141680.39	490852.13	302°37'15" 333°28'31"
L46	48+46.09	50+22.89							176.79	141680.39	490852.13	141838.58	490773.18	333°28'31"
C44	50+22.89	50+53.52	50+39.00		43°52'26"	143°14'22.02"	40.00	16.11	30.63	141838.58	490773.18	141868.37	490770.79	333°28'31" 17°20'57"
C45	50+53.52	50+62.54	50+58.10		25°50'19"	286°28'44.03"	20.00	4.59	9.02	141868.37	490770.79	141877.28	490771.48	17°20'57" 351°30'38"
L47	50+62.54	51+65.56							103.02	141877.28	490771.48	141979.18	490756.27	351°30'38"

Jan, 18 2016 09:25 am V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-ALG.dwg By: akruger

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 4

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TAB-006

ALIGNMENT DATA
CEDAR LAKE LRT REGIONAL TR

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L48	10+00.00	10+41.96							41.96	146053.75	489878.23	146068.20	489917.62	69°50'42"
C46	10+41.96	10+88.15	10+65.47		26°27'52"	57°17'44.81"	100.00	23.51	46.19	146068.20	489917.62	146093.40	489955.85	69°50'42" 43°22'50"
C47	10+88.15	11+69.66	11+29.66		26°41'09"	32°44'25.60"	175.00	41.51	81.51	146093.40	489955.85	146137.72	490023.37	43°22'50" 70°04'00"
L49	11+69.66	19+26.10							756.44	146137.72	490023.37	146395.61	490734.50	70°04'00"
C48	19+26.10	19+48.65	19+37.38		1°17'32"	5°43'46.48"	1000.00	11.28	22.56	146395.61	490734.50	146403.06	490755.78	70°04'00" 71°21'32"
L50	19+48.65	20+53.57							104.92	146403.06	490755.78	146436.59	490855.20	71°21'32"
C49	20+53.57	20+76.13	20+64.85		1°17'32"	5°43'46.48"	1000.00	11.28	22.56	146436.59	490855.20	146444.04	490876.49	71°21'32" 70°04'00"
L51	20+76.13	25+76.13							500.00	146444.04	490876.49	146614.51	491346.53	70°04'00"
C50	25+76.13	26+22.32	25+99.23		3°18'30"	7°09'43.10"	800.00	23.10	46.19	146614.51	491346.53	146631.50	491389.48	70°04'00" 66°45'29"
L52	26+22.32	26+80.08							57.76	146631.50	491389.48	146654.29	491442.55	66°45'29"
C51	26+80.08	27+26.28	27+03.18		3°18'30"	7°09'43.10"	800.00	23.10	46.19	146654.29	491442.55	146671.29	491485.50	66°45'29" 70°04'00"
L53	27+26.28	30+25.49							299.22	146671.29	491485.50	146773.30	491766.79	70°04'00"

ALIGNMENT DATA
CEDAR LAKE LRT REGIONAL TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L7	105+98.71	107+09.97							111.26	146773.30	491766.79	146811.23	491871.38	70°04'00"
C7	107+09.97	107+52.45	107+31.27		10°49'12"	25°27'53.25"	225.00	21.31	42.49	146811.23	491871.38	146821.87	491912.45	70°04'00" 80°53'11"
C8	107+52.45	107+94.94	107+73.76		10°49'12"	25°27'53.25"	225.00	21.31	42.49	146821.87	491912.45	146832.51	491953.52	80°53'11" 70°04'00"
L5	107+94.94	109+23.41							128.47	146832.51	491953.52	146876.31	492074.29	70°04'00"
C4	109+23.41	109+76.97	109+50.30		12°34'41"	23°28'54.76"	244.00	26.89	53.57	146876.31	492074.29	146888.92	492126.24	70°04'00" 82°38'41"
C2	109+76.97	110+33.17	110+05.19		12°34'41"	22°22'52.19"	256.00	28.21	56.20	146888.92	492126.24	146902.15	492180.75	82°38'41" 70°04'00"
L4	110+33.17	118+60.01							826.84	146902.15	492180.75	147184.04	492958.05	70°04'00"
C3	118+60.01	119+16.21	118+88.23		12°34'41"	22°22'52.19"	256.00	28.21	56.20	147184.04	492958.05	147208.82	493008.36	70°04'00" 57°29'18"
C13	119+16.21	119+69.78	119+43.10		12°34'41"	23°28'54.76"	244.00	26.89	53.57	147208.82	493008.36	147232.44	493056.32	57°29'18" 70°04'00"
L12	119+69.78	125+47.03							577.25	147232.44	493056.32	147429.24	493598.98	70°04'00"
C12	125+47.03	126+10.45	125+78.86		12°06'49"	19°05'54.94"	300.00	31.83	63.43	147429.24	493598.98	147456.99	493655.89	70°04'00" 57°57'10"
L8	126+10.45	126+80.22							69.76	147456.99	493655.89	147494.00	493715.02	57°57'10"
C14	126+80.22	127+43.64	127+12.05		12°06'49"	19°05'54.94"	300.00	31.83	63.43	147494.00	493715.02	147521.75	493771.93	57°57'10" 70°04'00"
L13	127+43.64	128+23.67							80.03	147521.75	493771.93	147549.03	493847.16	70°04'00"
C15	128+23.67	128+82.58	128+53.29		15°00'02"	25°27'53.25"	225.00	29.62	58.91	147549.03	493847.16	147561.68	493904.52	70°04'00" 85°04'02"
L10	128+82.58	129+47.97							65.39	147561.68	493904.52	147567.30	493969.67	85°04'02"
C11	129+47.97	129+74.15	129+61.14		15°00'02"	57°17'44.81"	100.00	13.17	26.18	147567.30	493969.67	147572.92	493995.17	85°04'02" 70°04'00"
L11	129+74.15	131+83.92							209.77	147572.92	493995.17	147644.44	494192.37	70°04'00"
C16	131+83.92	135+44.08	133+64.01		1°31'43"	0°25'27.89"	13500.00	180.09	360.15	147644.44	494192.37	147771.73	494529.27	70°04'00" 68°32'17"
L14	135+44.08	139+77.91							433.84	147771.73	494529.27	147930.46	494933.03	68°32'17"
C17	139+77.91	141+85.53	140+81.73		1°23'58"	0°40'26.64"	8500.00	103.82	207.62	147930.46	494933.03	148004.06	495127.16	68°32'17" 69°56'15"
L3	141+85.53	146+34.06							448.52	148004.06	495127.16	148157.92	495548.46	69°56'15"
C9	146+34.06	146+93.51	146+63.79		3°24'23"	5°43'46.48"	1000.00	29.73	59.45	148157.92	495548.46	148176.64	495604.88	69°56'15" 73°20'38"
L9	146+93.51	147+22.17							28.66	148176.64	495604.88	148184.86	495632.34	73°20'38"
C10	147+22.17	147+60.15	147+41.19		7°15'13"	19°05'54.94"	300.00	19.02	37.98	148184.86	495632.34	148198.02	495667.94	73°20'38" 66°05'25"
C6	147+60.15	148+49.79	148+04.97		1°17'24"	1°26'20.58"	3981.50	44.82	89.64	148198.02	495667.94	148235.27	495749.47	66°05'25" 64°48'01"
L6	148+49.79	148+79.98							30.19	148235.27	495749.47	148248.12	495776.79	64°48'01"
C5	148+79.98	149+00.24	148+90.11		0°34'49"	2°51'53.24"	2000.00	10.13	20.25	148248.12	495776.79	148256.84	495795.07	64°48'01" 64°13'13"
L1	149+00.24	151+16.90							216.66	148256.84	495795.07	148351.07	495990.17	64°13'13"
C1	151+16.90	151+49.42	151+37.44		88°44'12"	272°50'13.36"	21.00	20.54	32.52	148351.07	495990.17	148378.69	496000.14	64°13'13" 335°29'01"
L2	151+49.42	151+70.31							20.89	148378.69	496000.14	148397.70	495991.48	335°29'01"

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 6

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 020

ALIGNMENT DATA
CEDAR LAKE LRT REGIONAL TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L16	159+00.00	160+00.00							100.00	149007.49	496988.42	148998.61	497088.03	95°05'43"
L15	160+00.00	160+92.80							92.80	148998.61	497088.03	148990.37	497180.45	95°05'43"
C60	160+92.80	161+46.37	161+20.24		30°41'43"	57°17'44.81"	100.00	27.45	53.57	148990.37	497180.45	148999.79	497232.54	95°05'43" 64°24'00"
L34	161+46.37	168+73.99							727.62	148999.79	497232.54	149314.19	497888.73	64°24'00"
C43	168+73.99	169+72.03	169+23.05		5°37'04"	5°43'46.48"	1000.00	49.06	98.05	149314.19	497888.73	149360.82	497974.94	64°24'00" 58°46'56"
L42	169+72.03	170+04.06							32.03	149360.82	497974.94	149377.42	498002.33	58°46'56"
C44	170+04.06	170+33.43	170+18.76		5°36'33"	19°05'54.94"	300.00	14.70	29.37	149377.42	498002.33	149391.38	498028.15	58°46'56" 64°23'29"
L35	170+33.43	178+00.42							766.99	149391.38	498028.15	149722.89	498719.80	64°23'29"
C61	178+00.42	178+45.25	178+22.88		8°33'40"	19°05'54.94"	300.00	22.45	44.83	149722.89	498719.80	149739.18	498761.52	64°23'29" 72°57'09"
L56	178+45.25	178+72.39							27.14	149739.18	498761.52	149747.14	498787.47	72°57'09"
C62	178+72.39	180+21.66	179+47.16		8°33'09"	5°43'46.48"	1000.00	74.77	149.27	149747.14	498787.47	149801.37	498926.39	72°57'09" 64°24'00"
L20	180+21.66	189+74.22							952.56	149801.37	498926.39	150212.96	499785.44	64°24'00"
C63	189+74.22	191+10.62	190+42.53		7°48'54"	5°43'46.48"	1000.00	68.30	136.40	150212.96	499785.44	150280.08	499904.05	64°24'00" 56°35'06"
L58	191+10.62	191+44.41							33.79	150280.08	499904.05	150298.69	499932.26	56°35'06"
C64	191+44.41	191+85.30	191+64.89		7°48'33"	19°05'54.94"	300.00	20.48	40.89	150298.69	499932.26	150318.82	499967.82	56°35'06" 64°23'39"
L57	191+85.30	197+57.32							572.02	150318.82	499967.82	150566.04	500483.66	64°23'39"
C65	197+57.32	198+06.09	197+81.76		9°18'52"	19°05'54.94"	300.00	24.44	48.77	150566.04	500483.66	150583.45	500529.16	64°23'39" 73°42'31"
L59	198+06.09	198+34.58							28.49	150583.45	500529.16	150591.45	500556.50	73°42'31"
C66	198+34.58	199+97.05	199+16.00		9°18'31"	5°43'46.48"	1000.00	81.41	162.47	150591.45	500556.50	150649.46	500708.07	73°42'31" 64°24'00"
L60	199+97.05	207+85.58							788.53	150649.46	500708.07	150990.17	501419.18	64°24'00"
C46	207+85.58	209+58.71	208+72.36		9°55'11"	5°43'46.48"	1000.00	86.78	173.13	150990.17	501419.18	151078.09	501568.08	64°24'00" 54°28'49"
L43	209+58.71	209+84.84							26.13	151078.09	501568.08	151093.27	501589.35	54°28'49"
C45	209+84.84	210+36.73	210+10.85		9°54'39"	19°05'54.94"	300.00	26.01	51.89	151093.27	501589.35	151119.62	501633.97	54°28'49" 64°23'28"
L37	210+36.73	222+26.61							1189.88	151119.62	501633.97	151633.92	502706.96	64°23'28"
C37	222+26.61	222+85.77	222+56.28		11°17'58"	19°05'54.94"	300.00	29.68	59.16	151633.92	502706.96	151654.08	502762.48	64°23'28" 75°41'26"

Jan, 18 2016 08:07 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 7

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 021

ALIGNMENT DATA
CEDAR LAKE LRT REGIONAL TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L38	222+85.77	223+49.66							63.89	151654.08	502762.48	151669.87	502824.39	75°41'26"
C38	223+49.66	224+08.78	223+79.32		11°17'26"	19°05'54.94"	300.00	29.65	59.12	151669.87	502824.39	151690.02	502879.87	75°41'26" 64°24'00"
L36	224+08.78	241+14.03							1705.25	151690.02	502879.87	152426.83	504417.72	64°24'00"
C19	241+14.03	241+75.99	241+45.02		3°33'00"	5°43'46.48"	1000.00	30.99	61.96	152426.83	504417.72	152455.31	504472.73	64°24'00" 60°51'00"
L18	241+75.99	244+61.22							285.24	152455.31	504472.73	152594.25	504721.84	60°51'00"
C20	244+61.22	245+23.19	244+92.21		3°33'00"	5°43'46.48"	1000.00	30.99	61.96	152594.25	504721.84	152622.74	504776.86	60°51'00" 64°24'00"
L19	245+23.19	252+41.26							718.08	152622.74	504776.86	152933.01	505424.44	64°24'00"
C39	252+41.26	252+74.78	252+58.02		1°55'12"	5°43'46.48"	1000.00	16.76	33.51	152933.01	505424.44	152946.98	505454.90	64°24'00" 66°19'12"
L39	252+74.78	253+57.10							82.32	152946.98	505454.90	152980.05	505530.30	66°19'12"
C40	253+57.10	253+90.61	253+73.86		1°55'12"	5°43'46.48"	1000.00	16.76	33.51	152980.05	505530.30	152994.02	505560.75	66°19'12" 64°24'00"
L40	253+90.61	255+52.45							161.84	152994.02	505560.75	153063.95	505706.71	64°24'00"
C41	255+52.45	255+83.41	255+67.94		5°54'42"	19°05'54.94"	300.00	15.49	30.95	153063.95	505706.71	153075.86	505735.26	64°24'00" 70°18'42"
L41	255+83.41	256+38.80							55.40	153075.86	505735.26	153094.52	505787.42	70°18'42"
C42	256+38.80	257+41.98	256+90.44		5°54'42"	5°43'46.48"	1000.00	51.63	103.18	153094.52	505787.42	153134.23	505882.60	70°18'42" 64°24'00"
L21	257+41.98	274+05.67							1663.69	153134.23	505882.60	153853.09	507382.97	64°24'00"
C47	274+05.67	275+93.46	274+99.84		10°45'34"	5°43'46.48"	1000.00	94.17	187.79	153853.09	507382.97	153949.60	507543.74	64°24'00" 53°38'26"
L44	275+93.46	276+20.73							27.27	153949.60	507543.74	153965.77	507565.70	53°38'26"
C48	276+20.73	276+76.87	276+48.88		10°43'20"	19°05'54.94"	300.00	28.15	56.14	153965.77	507565.70	153994.64	507613.75	53°38'26" 64°21'46"
L45	276+76.87	290+13.49							1336.62	153994.64	507613.75	154572.96	508818.79	64°21'46"
C49	290+13.49	290+49.60	290+31.57		6°53'46"	19°05'54.94"	300.00	18.08	36.11	154572.96	508818.79	154586.59	508852.20	64°21'46" 71°15'32"
L46	290+49.60	290+77.11							27.51	154586.59	508852.20	154595.43	508878.25	71°15'32"
C50	290+77.11	291+99.41	291+38.33		7°00'26"	5°43'46.48"	1000.00	61.23	122.30	154595.43	508878.25	154641.70	508991.37	71°15'32" 64°15'06"
L22	291+99.41	295+01.72							302.32	154641.70	508991.37	154773.03	509263.67	64°15'06"
C22	295+01.72	295+47.17	295+24.47		5°12'29"	11°27'32.96"	500.00	22.74	45.45	154773.03	509263.67	154790.89	509305.45	64°15'06" 69°27'35"
L23	295+47.17	296+14.39							67.21	154790.89	509305.45	154814.47	509368.39	69°27'35"

Jan, 18 2016 08:07 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 8

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 022

ALIGNMENT DATA
CEDAR LAKE LRT REGIONAL TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C23	296+14.39	296+63.77	296+39.10		5°39'32"	11°27'32.96"	500.00	24.71	49.38	154814.47	509368.39	154834.05	509413.70	69°27'35" 63°48'03"
L24	296+63.77	307+09.56							1045.79	154834.05	509413.70	155295.76	510352.06	63°48'03"
C35	307+09.56	307+54.60	307+32.08		2°34'49"	5°43'46.48"	1000.00	22.52	45.03	155295.76	510352.06	155314.73	510392.90	63°48'03" 66°22'52"
L25	307+54.60	312+46.76							492.16	155314.73	510392.90	155511.91	510843.83	66°22'52"
C24	312+46.76	312+81.34	312+64.05		1°58'52"	5°43'46.48"	1000.00	17.29	34.58	155511.91	510843.83	155526.31	510875.27	66°22'52" 64°24'00"
L26	312+81.34	318+75.34							594.00	155526.31	510875.27	155782.97	511410.96	64°24'00"
C25	318+75.34	319+24.21	319+00.27		28°00'00"	57°17'44.81"	100.00	24.93	48.87	155782.97	511410.96	155792.70	511458.35	64°24'00" 92°24'00"
L27	319+24.21	321+43.50							219.30	155792.70	511458.35	155783.52	511677.46	92°24'00"
C33	321+43.50	321+85.46	321+64.80		24°02'21"	57°17'44.81"	100.00	21.29	41.96	155783.52	511677.46	155790.48	511718.52	92°24'00" 68°21'39"
L33	321+85.46	328+04.84							619.38	155790.48	511718.52	156018.88	512294.25	68°21'39"
C34	328+04.84	328+90.83	328+48.13		16°25'20"	19°05'54.94"	300.00	43.29	85.99	156018.88	512294.25	156038.78	512377.60	68°21'39" 84°46'59"
L29	328+90.83	329+20.13							29.30	156038.78	512377.60	156041.44	512406.78	84°46'59"
C29	329+20.13	329+97.96	329+59.27		14°51'56"	19°05'54.94"	300.00	39.14	77.84	156041.44	512406.78	156058.44	512482.51	84°46'59" 69°55'03"
L30	329+97.96	330+66.78							68.81	156058.44	512482.51	156082.07	512547.14	69°55'03"
C30	330+66.78	335+19.72	332+93.87		10°22'21"	2°17'24.00"	2502.00	227.09	452.95	156082.07	512547.14	156198.35	512984.27	69°55'03" 80°17'24"
L31	335+19.72	336+06.34							86.62	156198.35	512984.27	156212.96	513069.65	80°17'24"
C31	336+06.34	336+69.11	336+37.85		12°14'01"	19°29'18.10"	294.00	31.51	62.77	156212.96	513069.65	156230.05	513129.93	80°17'24" 68°03'23"
L32	336+69.11	336+93.80							24.69	156230.05	513129.93	156239.27	513152.83	68°03'23"
C32	336+93.80	337+93.72	337+44.23		19°04'54"	19°05'54.94"	300.00	50.42	99.91	156239.27	513152.83	156260.63	513249.96	68°03'23" 87°08'17"
C27	337+93.72	339+09.54	338+51.64		2°23'12"	2°03'38.26"	2780.50	57.92	115.83	156260.63	513249.96	156264.00	513365.73	87°08'17" 89°31'30"
C28	339+09.54	340+06.90	339+58.25		4°38'55"	4°46'28.73"	1200.00	48.71	97.36	156264.00	513365.73	156260.86	513463.01	89°31'30" 94°10'25"
L28	340+06.90	340+38.77							31.87	156260.86	513463.01	156258.54	513494.79	94°10'25"
C26	340+38.77	346+36.08	343+39.66		17°06'41"	2°51'53.24"	2000.00	300.89	597.30	156258.54	513494.79	156304.01	514088.14	94°10'25" 77°03'43"
C18	346+36.08	346+93.92	346+65.03		6°37'42"	11°27'32.96"	500.00	28.95	57.84	156304.01	514088.14	156320.19	514143.64	77°03'43" 70°26'02"
L17	346+93.92	349+03.84							209.93	156320.19	514143.64	156390.50	514341.44	70°26'02"

ALIGNMENT DATA
CEDAR LAKE TRAIL LRT REGIONAL TRAIL / MIDTOWN GREENWAY

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C21	349+03.84	355+03.87	352+06.38		18°06'48"	3°01'07.48"	1898.00	302.54	600.02	156390.50	514341.44	156676.74	514865.95	70°26'02" 52°19'14"
C36	355+03.87	357+40.91	356+22.56		7°32'58"	3°11'05.53"	1799.00	118.69	237.04	156676.74	514865.95	156833.55	515043.48	52°19'14" 44°46'16"
L47	357+40.91	357+50.05							9.14	156833.55	515043.48	156840.04	515049.92	44°46'16"
C51	357+50.05	358+01.01	357+75.54		2°56'15"	5°45'50.99"	994.00	25.49	50.96	156840.04	515049.92	156875.28	515086.72	44°46'16" 47°42'31"
L48	358+01.01	358+66.80							65.78	156875.28	515086.72	156919.55	515135.38	47°42'31"
C53	358+66.80	359+18.42	358+92.61		2°56'15"	5°41'23.10"	1007.00	25.82	51.63	156919.55	515135.38	156955.25	515172.66	47°42'31" 44°46'16"
L49	359+18.42	363+16.11							397.69	156955.25	515172.66	157237.58	515452.75	44°46'16"
C52	363+16.11	363+27.56	363+21.84		2°11'12"	19°05'54.94"	300.00	5.73	11.45	157237.58	515452.75	157245.86	515460.66	44°46'16" 42°35'04"
L50	363+27.56	364+23.12							95.55	157245.86	515460.66	157316.22	515525.31	42°35'04"
C54	364+23.12	364+34.28	364+28.70		2°07'53"	19°05'54.94"	300.00	5.58	11.16	157316.22	515525.31	157324.29	515533.02	42°35'04" 44°42'57"
L51	364+34.28	366+46.13							211.85	157324.29	515533.02	157474.83	515682.07	44°42'57"
C55	366+46.13	367+05.10	366+75.62		1°41'56"	2°52'50.28"	1989.00	29.49	58.97	157474.83	515682.07	157517.35	515722.94	44°42'57" 43°01'01"
L52	367+05.10	367+13.73							8.63	157517.35	515722.94	157523.66	515728.83	43°01'01"
C57	367+13.73	368+99.57	368+06.72		5°22'59"	2°53'47.80"	1978.03	92.99	185.84	157523.66	515728.83	157665.29	515849.04	43°01'01" 37°38'03"
C56	368+99.57	369+59.00	369+29.38		11°25'37"	19°13'36.38"	298.00	29.82	59.43	157665.29	515849.04	157708.43	515889.77	37°38'03" 49°03'40"
L53	369+59.00	370+69.13							110.13	157708.43	515889.77	157780.60	515972.97	49°03'40"
C58	370+69.13	370+84.42	370+76.78		2°55'11"	19°05'54.94"	300.00	7.65	15.29	157780.60	515972.97	157790.32	515984.77	49°03'40" 51°58'51"
L54	370+84.42	371+12.28							27.86	157790.32	515984.77	157807.48	516006.71	51°58'51"
C59	371+12.28	372+09.07	371+60.68		3°04'27"	3°10'33.75"	1804.00	48.41	96.79	157807.48	516006.71	157865.02	516084.52	51°58'51" 55°03'18"
L55	372+09.07	372+36.16							27.10	157865.02	516084.52	157880.54	516106.73	55°03'18"

Jan, 18 2016 08:07 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 10

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 024

ALIGNMENT DATA
TRAIL C

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L103	1+00.00	1+41.01							41.01	149406.42	498113.64	149442.82	498094.75	332°34'54"

ALIGNMENT DATA
TPSS–SW311–ACCESS ROAD

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L102	0+00.00	3+11.66							311.66	149109.38	497728.31	149244.02	498009.38	64°24'13"
C111	3+11.66	3+81.29	3+56.18		90°40'12"	130°13'03.65"	44.00	44.52	69.63	149244.02	498009.38	149222.89	498068.29	64°24'13" 155°04'25"

ALIGNMENT DATA
TPSS–SW312 ACCESS RD

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L110	0+57.52	1+37.98							80.46	149897.38	499451.16	149947.10	499514.41	51°49'29"
C118	1+37.98	1+81.84	1+60.00		12°33'50"	28°38'52.40"	200.00	22.02	43.86	149947.10	499514.41	149970.23	499551.57	51°49'29" 64°23'19"
L114	1+81.84	2+14.34							32.50	149970.23	499551.57	149984.28	499580.88	64°23'19"
C119	2+14.34	2+49.25	2+31.84		10°00'00"	28°38'52.40"	200.00	17.50	34.91	149984.28	499580.88	149996.55	499613.51	64°23'19" 74°23'19"
L115	2+49.25	2+86.45							37.21	149996.55	499613.51	150006.56	499649.35	74°23'19"
C120	2+86.45	3+21.35	3+03.95		9°59'50"	28°38'52.40"	200.00	17.49	34.90	150006.56	499649.35	150018.83	499681.97	74°23'19" 64°23'29"
L113	3+21.35	5+44.94							223.58	150018.83	499681.97	150115.47	499883.59	64°23'29"
C117	5+44.94	5+97.15	5+71.05		2°59'29"	5°43'46.48"	1000.00	26.11	52.21	150115.47	499883.59	150139.25	499930.06	64°23'29" 61°24'00"
L112	5+97.15	8+47.19							250.04	150139.25	499930.06	150258.95	500149.60	61°24'00"
C116	8+47.19	8+99.55	8+73.38		3°00'00"	5°43'46.48"	1000.00	26.19	52.36	150258.95	500149.60	150282.80	500196.20	61°24'00" 64°24'00"
L111	8+99.55	14+05.44							505.89	150282.80	500196.20	150501.39	500652.43	64°24'00"

ALIGNMENT DATA
TRAIL I

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L107	???	???							8.50	149817.24	498959.51	149824.90	498955.84	334°24'00"
C114	11+23.11	11+39.06	11+33.35		91°20'02"	572°41'17.80"	10.00	10.24	15.95	149824.90	498955.84	149838.35	498960.75	334°24'40" 65°44'42"
L104	11+39.06	13+75.97							236.90	149838.35	498960.75	149940.71	499174.40	64°24'00"
C113	13+75.97	14+01.76	13+88.88		6°34'09"	25°27'53.25"	225.00	12.91	25.80	149940.71	499174.40	149953.16	499196.97	64°24'00" 57°49'51"
L105	14+01.76	14+67.72							65.95	149953.16	499196.97	149988.28	499252.80	57°49'51"
C112	14+67.72	14+93.51	14+80.63		6°34'09"	25°27'53.25"	225.00	12.91	25.80	149988.28	499252.80	150000.73	499275.38	57°49'51" 64°24'00"
L106	14+93.51	15+72.52							79.01	150000.73	499275.38	150034.87	499346.63	64°24'00"

Jan, 18 2016 08:07 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 11

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 025

ALIGNMENT DATA
TRAIL M

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L108	2+00.00	5+37.95							337.95	150082.11	499469.53	150228.14	499774.31	64°23'57"
C115	5+37.95	5+53.59	5+47.89		89°37'24"	572°57'28.06"	10.00	9.93	15.64	150228.14	499774.31	150223.50	499787.62	64°24'00" 154°01'24"
L109	5+53.59	5+62.14							8.54	150223.50	499787.62	150215.82	499791.36	154°01'24"

ALIGNMENT DATA
TRAIL N

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L116	1+00.00	1+41.00							41.00	151160.02	501718.25	151196.99	501700.53	334°24'00"

ALIGNMENT DATA
TRAIL O

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L118	1+65.99	1+77.54							11.55	151711.07	502923.82	151721.48	502918.82	334°20'59"
C121	1+77.54	1+93.33	1+87.62		90°28'00"	572°57'28.06"	10.00	10.08	15.79	151721.48	502918.82	151734.86	502923.58	334°20'59" 64°48'59"
L117	1+93.33	2+35.60							42.27	151734.86	502923.58	151752.86	502961.82	64°47'35"

ALIGNMENT DATA
TRAIL P

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L119	1+00.00	2+01.42							101.42	152384.59	504278.92	152407.65	504377.68	76°51'24"

ALIGNMENT DATA
TRAIL Y

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C122	10+00.00	10+71.26	10+35.93		18°08'43"	25°27'53.25"	225.00	35.93	71.26	153467.25	506577.67	153507.62	506636.03	64°24'00" 46°15'17"
L120	10+71.26	11+06.97							35.71	153507.62	506636.03	153532.31	506661.83	46°15'17"
C123	11+06.97	11+78.22	11+42.90		18°08'43"	25°27'53.25"	225.00	35.93	71.26	153532.31	506661.83	153572.68	506720.18	46°15'17" 64°24'00"
L121	11+78.22	15+33.15							354.93	153572.68	506720.18	153726.04	507040.27	64°24'00"

ALIGNMENT DATA
TRAIL Z

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L122	12+36.17	15+93.03							356.87	153794.08	507182.28	153948.27	507504.12	64°24'00"
C124	15+93.03	16+08.51	16+02.36		80°37'00"	520°52'14.60"	11.00	9.33	15.48	153948.27	507504.12	153944.66	507517.88	64°24'00" 145°01'00"
L123	16+08.51	16+19.57							11.06	153944.66	507517.88	153935.60	507524.23	145°01'00"

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 12

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 026

ALIGNMENT DATA
WOODDALE WALK

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L124	10+00.00	15+85.62							585.62	153668.67	507261.61	153921.71	507789.74	64°23'59"
C125	15+85.62	16+32.40	16+22.80		116°31'11"	249°06'43.84"	23.00	37.18	46.77	153921.71	507789.74	153900.60	507822.67	64°23'59" 180°55'10"
L125	16+32.40	16+36.84							4.44	153900.60	507822.67	153896.16	507822.60	180°55'10"

ALIGNMENT DATA
TRAIL Q

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L126	1+00.00	1+08.01							8.01	154858.04	509462.45	154865.22	509458.92	333°48'03"
C126	1+08.01	1+38.18	1+26.01		78°34'35"	260°26'07.30"	22.00	18.00	30.17	154865.22	509458.92	154892.36	509465.22	333°48'03" 52°22'38"
L127	1+38.18	1+52.04							13.86	154892.36	509465.22	154900.82	509476.21	52°22'38"

ALIGNMENT DATA
TPSS-SW314-ACCESS ROAD

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L128	1+00.00	2+62.96							162.96	154767.74	509573.20	154838.15	509720.15	64°24'00"
C127	2+62.96	4+00.48	3+32.95		26°15'55"	19°05'54.94"	300.00	69.99	137.52	154838.15	509720.15	154867.58	509853.26	64°24'00" 90°39'55"
L129	4+00.48	4+86.40							85.92	154867.58	509853.26	154866.58	509939.18	90°39'55"

ALIGNMENT DATA
TRAIL S

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L130	10+00.00	10+10.44							10.44	155416.32	510625.23	155425.88	510621.05	336°22'52"
C128	10+10.44	10+22.73	10+18.17		88°01'08"	716°11'50.08"	8.00	7.73	12.29	155425.88	510621.05	155436.30	510624.92	336°22'52" 64°24'00"
L131	10+22.73	15+05.19							482.46	155436.30	510624.92	155644.77	511060.02	64°24'00"

ALIGNMENT DATA
TRAIL D

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L132	420+00.00	420+09.04							9.04	155707.14	511549.98	155711.03	511558.14	64°31'32"
C129	420+09.04	420+27.86	420+18.46		5°23'31"	28°38'52.40"	200.00	9.42	18.82	155711.03	511558.14	155718.32	511575.49	64°31'32" 69°55'03"
L133	420+27.86	422+39.85							211.99	155718.32	511575.49	155791.11	511774.59	69°55'03"
C130	422+39.85	422+96.04	422+67.94		0°38'38"	1°08'45.30"	5000.00	28.10	56.20	155791.11	511774.59	155810.70	511827.26	69°55'03" 69°16'25"
L134	422+96.04	428+64.91							568.86	155810.70	511827.26	156012.02	512359.30	69°16'25"
C131	428+64.91	428+82.27	428+75.16		76°31'42"	440°44'12.36"	13.00	10.25	17.36	156012.02	512359.30	156025.82	512367.60	69°16'25" 352°44'43"
L135	428+82.27	428+94.05							11.78	156025.82	512367.60	156037.51	512366.11	352°44'43"

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 13

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 027

ALIGNMENT DATA
KENILWORTH TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L61	380+00.00	380+40.98							40.98	157732.32	515913.82	157767.87	515893.44	330°10'20"
C68	380+40.98	380+68.39	380+56.40		65°26'29"	238°43'56.69"	24.00	15.42	27.41	157767.87	515893.44	157793.78	515894.75	330°10'20" 35°36'48"
C67	380+68.39	384+52.76	382+61.46		13°24'43"	3°29'21.80"	1642.00	193.06	384.36	157793.78	515894.75	158129.49	516080.13	35°36'48" 22°12'05"
C69	384+52.76	385+09.97	384+81.37		0°19'40"	0°34'22.85"	9999.00	28.61	57.22	158129.49	516080.13	158182.52	516101.60	22°12'05" 21°52'25"
L62	385+09.97	389+27.70							417.73	158182.52	516101.60	158570.18	516257.22	21°52'25"
C70	389+27.70	389+52.83	389+40.27		0°08'38"	0°34'22.44"	10001.00	12.57	25.13	158570.18	516257.22	158593.49	516266.62	21°52'25" 22°01'03"
L63	389+52.83	389+75.99							23.16	158593.49	516266.62	158614.96	516275.30	22°01'03"
C71	389+75.99	394+91.69	392+35.46		15°39'00"	3°02'05.04"	1888.00	259.46	515.69	158614.96	516275.30	159060.88	516531.12	22°01'03" 37°40'03"
L64	394+91.69	396+26.63							134.94	159060.88	516531.12	159167.69	516613.58	37°40'03"
L65	396+26.63	396+90.07							63.44	159167.69	516613.58	159217.91	516652.35	37°40'03"
L66	396+90.07	397+66.78							76.71	159217.91	516652.35	159276.60	516701.74	40°05'13"
C72	397+66.78	398+83.56	398+25.24		6°41'29"	5°43'46.48"	1000.00	58.46	116.78	159276.60	516701.74	159370.13	516771.56	40°05'13" 33°23'44"
L67	398+83.56	399+27.19							43.63	159370.13	516771.56	159406.56	516795.58	33°23'44"
C73	399+27.19	399+97.33	399+62.42		13°23'47"	19°05'54.94"	300.00	35.23	70.14	159406.56	516795.58	159460.09	516840.65	33°23'44" 46°47'32"
L68	399+97.33	400+40.56							43.22	159460.09	516840.65	159489.69	516872.15	46°47'32"
C74	400+40.56	401+57.58	400+99.14		6°42'19"	5°43'46.48"	1000.00	58.58	117.03	159489.69	516872.15	159574.61	516952.58	46°47'32" 40°05'13"
L69	401+57.58	403+53.63							196.05	159574.61	516952.58	159724.60	517078.82	40°05'13"
C75	403+53.63	403+84.03	403+68.83		0°20'54"	1°08'45.30"	5000.00	15.20	30.40	159724.60	517078.82	159747.92	517098.32	40°05'13" 39°44'19"
L70	403+84.03	407+28.43							344.40	159747.92	517098.32	160012.75	517318.49	39°44'19"
C77	407+28.43	408+21.04	407+74.74		2°38'33"	2°51'12.15"	2008.00	46.31	92.61	160012.75	517318.49	160085.31	517376.04	39°44'19" 37°05'46"
C76	408+21.04	408+46.83	408+33.94		1°28'39"	5°43'46.48"	1000.00	12.89	25.79	160085.31	517376.04	160105.67	517391.85	37°05'46" 38°34'24"
L71	408+46.83	409+79.32							132.49	160105.67	517391.85	160209.26	517474.46	38°34'24"
C78	409+79.32	411+88.58	410+84.42		13°19'19"	6°21'58.31"	900.00	105.10	209.26	160209.26	517474.46	160386.49	517584.84	38°34'24" 25°15'06"
L72	411+88.58	413+65.04							176.46	160386.49	517584.84	160546.09	517660.11	25°15'06"
C79	413+65.04	416+73.27	415+20.22		16°27'31"	5°20'23.19"	1073.00	155.18	308.23	160546.09	517660.11	160839.80	517750.03	25°15'06" 8°47'35"

ALIGNMENT DATA
KENILWORTH TRAIL / CEDAR LAKE TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L73	416+73.27	417+07.62							34.36	160839.80	517750.03	160873.75	517755.29	8°47'35"
C80	417+07.62	419+49.29	418+28.46		1°32'19"	0°38'11.83"	9000.00	120.84	241.67	160873.75	517755.29	161113.04	517789.02	8°47'35" 7°15'16"
L74	419+49.29	420+04.63							55.34	161113.04	517789.02	161167.94	517796.01	7°15'16"
C82	420+04.63	421+92.56	420+98.62		2°54'14"	1°32'42.70"	3708.00	93.99	187.93	161167.94	517796.01	161353.69	517824.45	7°15'16" 10°09'30"
C81	421+92.56	423+48.39	422+70.82		13°07'48"	8°25'33.06"	680.00	78.26	155.83	161353.69	517824.45	161508.87	517834.20	10°09'30" 357°01'42"
L75	423+48.39	429+18.24							569.85	161508.87	517834.20	162077.95	517804.65	357°01'42"
C83	429+18.24	429+52.12	429+35.19		6°28'13"	19°05'54.94"	300.00	16.96	33.88	162077.95	517804.65	162111.61	517800.99	357°01'42" 350°33'29"
L76	429+52.12	429+59.09							6.98	162111.61	517800.99	162118.49	517799.85	350°33'29"
C84	429+59.09	429+92.97	429+76.05		6°28'13"	19°05'54.94"	300.00	16.96	33.88	162118.49	517799.85	162152.16	517796.19	350°33'29" 357°01'42"
L77	429+92.97	430+24.92							31.95	162152.16	517796.19	162184.07	517794.53	357°01'42"
C85	430+24.92	430+64.50	430+44.72		2°31'11"	6°21'58.31"	900.00	19.79	39.58	162184.07	517794.53	162223.62	517793.35	357°01'42" 359°32'53"
L78	430+64.50	430+68.44							3.93	162223.62	517793.35	162227.56	517793.32	359°32'53"
C86	430+68.44	430+89.82	430+79.14		4°05'04"	19°05'54.94"	300.00	10.70	21.39	162227.56	517793.32	162248.92	517792.39	359°32'53" 355°27'49"
L79	430+89.82	431+36.37							46.55	162248.92	517792.39	162295.32	517788.71	355°27'49"
C87	431+36.37	431+98.81	431+67.70		11°55'33"	19°05'54.94"	300.00	31.33	62.44	162295.32	517788.71	162357.63	517790.26	355°27'49" 7°23'22"
L80	431+98.81	433+36.74							137.93	162357.63	517790.26	162494.41	517808.00	7°23'22"
C88	433+36.74	435+05.35	434+21.48		14°12'24"	8°25'33.06"	680.00	84.74	168.61	162494.41	517808.00	162657.24	517850.08	7°23'22" 21°35'46"
L81	435+05.35	435+39.93							34.59	162657.24	517850.08	162689.39	517862.81	21°35'46"
C89	435+39.93	436+42.50	435+91.26		5°52'36"	5°43'46.48"	1000.00	51.33	102.57	162689.39	517862.81	162782.66	517905.39	21°35'46" 27°28'22"
L82	436+42.50	437+40.95							98.46	162782.66	517905.39	162870.01	517950.80	27°28'22"
C90	437+40.95	438+09.05	437+75.04		6°30'09"	9°32'57.47"	600.00	34.08	68.09	162870.01	517950.80	162928.52	517985.58	27°28'22" 33°58'30"
L83	438+09.05	438+39.32							30.28	162928.52	517985.58	162953.62	518002.49	33°58'30"
C91	438+39.32	439+91.10	439+15.42		10°21'09"	6°49'15.33"	840.00	76.09	151.77	162953.62	518002.49	163086.44	518075.51	33°58'30" 23°37'22"
L84	439+91.10	440+22.74							31.64	163086.44	518075.51	163115.43	518088.19	23°37'22"
C92	440+22.74	441+48.76	440+85.81		6°01'02"	4°46'28.73"	1200.00	63.07	126.03	163115.43	518088.19	163228.04	518144.65	23°37'22" 29°38'24"

ALIGNMENT DATA
CEDAR LAKE TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L85	441+48.76	442+14.99							66.23	163228.04	518144.65	163285.60	518177.41	29°38'24"
C93	442+14.99	444+71.58	443+43.30		1°28'13"	0°34'22.65"	10000.00	128.30	256.59	163285.60	518177.41	163510.22	518301.43	29°38'24" 28°10'11"
C96	444+71.58	445+90.68	445+31.20		6°49'26"	5°43'46.48"	1000.00	59.62	119.10	163510.22	518301.43	163611.62	518363.77	28°10'11" 34°59'37"
L89	445+90.68	448+24.81							234.13	163611.62	518363.77	163803.42	518498.03	34°59'37"
C98	448+24.81	451+91.23	450+08.66		11°41'22"	3°11'24.68"	1796.00	183.85	366.42	163803.42	518498.03	164080.16	518737.23	34°59'37" 46°40'59"
C99	451+91.23	454+02.92	452+97.95		17°56'33"	8°28'32.55"	676.00	106.72	211.69	164080.16	518737.23	164199.10	518911.30	46°40'59" 64°37'32"
L90	454+02.92	455+60.53							157.61	164199.10	518911.30	164266.65	519053.71	64°37'32"
C97	455+60.53	457+85.76	456+73.74		14°22'12"	6°22'49.35"	898.00	113.21	225.22	164266.65	519053.71	164387.54	519243.04	64°37'32" 50°15'20"
L91	457+85.76	460+58.64							272.88	164387.54	519243.04	164562.01	519452.86	50°15'20"
C100	460+58.64	461+09.71	460+84.18		2°54'31"	5°41'43.46"	1006.00	25.54	51.07	164562.01	519452.86	164595.64	519491.28	50°15'20" 47°20'49"
L93	461+09.71	462+25.75							116.04	164595.64	519491.28	164674.27	519576.62	47°20'49"
C101	462+25.75	464+44.42	463+36.75		24°16'48"	11°06'13.80"	516.00	111.00	218.66	164674.27	519576.62	164784.46	519763.60	47°20'49" 71°37'37"
L92	464+44.42	466+42.57							198.16	164784.46	519763.60	164846.92	519951.65	71°37'37"
C102	466+42.57	468+02.23	467+22.43		3°39'12"	2°17'17.41"	2504.00	79.86	159.66	164846.92	519951.65	164902.04	520101.47	71°37'37" 67°58'25"
L94	468+02.23	468+78.30							76.07	164902.04	520101.47	164930.57	520171.98	67°58'25"
C103	468+78.30	469+91.95	469+35.14		3°15'27"	2°51'58.40"	1999.00	56.84	113.66	164930.57	520171.98	164970.18	520278.50	67°58'25" 71°13'53"
L95	469+91.95	474+31.43							439.48	164970.18	520278.50	165111.58	520694.60	71°13'53"
C104	474+31.43	475+72.53	475+02.10		8°05'04"	5°43'46.48"	1000.00	70.67	141.10	165111.58	520694.60	165166.24	520824.56	71°13'53" 63°08'48"
L86	475+72.53	476+51.70							79.17	165166.24	520824.56	165202.00	520895.19	63°08'48"
C94	476+51.70	477+76.70	477+14.95		21°38'14"	17°18'35.65"	331.00	63.25	125.00	165202.00	520895.19	165236.32	521014.62	63°08'48" 84°47'02"
L87	477+76.70	478+05.94							29.24	165236.32	521014.62	165238.98	521043.73	84°47'02"
C95	478+05.94	479+82.19	478+94.99		20°11'52"	11°27'32.96"	500.00	89.05	176.26	165238.98	521043.73	165285.29	521212.85	84°47'02" 64°35'10"
L88	479+82.19	480+30.97							48.77	165285.29	521212.85	165306.22	521256.91	64°35'10"

Jan, 18 2016 08:07 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 16

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 030

ALIGNMENT DATA
TRAIL E

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L136	480+00.00	480+41.12							41.12	157760.59	515949.99	157792.98	515924.66	321°58'51"
C134	480+41.12	480+58.86	480+51.40		72°35'49"	409°15'20.04"	14.00	10.28	17.74	157792.98	515924.66	157809.55	515924.16	321°58'51" 34°34'40"
C132	480+58.86	482+29.22	481+44.11		5°53'27"	3°27'28.09"	1657.00	85.26	170.36	157809.55	515924.16	157954.54	516013.47	34°34'40" 28°41'13"
C133	482+29.22	482+95.23	482+62.27		7°32'58"	11°26'10.62"	501.00	33.05	66.01	157954.54	516013.47	158014.36	516041.26	28°41'13" 21°08'16"
L137	482+95.23	483+44.02							48.79	158014.36	516041.26	158059.87	516058.85	21°08'16"

ALIGNMENT DATA
TRAIL F

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L138	485+88.87	486+37.09							48.22	158707.15	516326.32	158748.73	516350.74	30°26'07"
C135	486+37.09	486+79.89	486+58.49		2°26'58"	5°43'25.87"	1001.00	21.40	42.79	158748.73	516350.74	158786.08	516371.63	30°26'07" 27°59'09"
C136	486+79.89	489+96.38	488+38.51		9°40'54"	3°03'32.54"	1873.00	158.62	316.49	158786.08	516371.63	159051.72	516543.00	27°59'09" 37°40'03"
L139	489+96.38	490+57.46							61.08	159051.72	516543.00	159100.07	516580.32	37°40'03"
C138	490+57.46	491+00.00	490+78.79		10°47'02"	25°21'07.61"	226.00	21.33	42.54	159100.07	516580.32	159135.98	516603.00	37°40'03" 26°53'01"
C137	491+00.00	491+42.72	491+21.43		10°47'02"	25°14'25.55"	227.00	21.43	42.72	159135.98	516603.00	159172.05	516625.78	26°53'01" 37°40'03"

ALIGNMENT DATA
TRAIL U

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L141	10+00.00	10+14.14							14.14	159219.58	516532.21	159225.40	516545.10	65°42'54"
C139	10+14.14	10+23.88	10+19.05		18°00'19"	184°49'30.34"	31.00	4.91	9.74	159225.40	516545.10	159227.95	516554.46	65°42'54" 83°43'12"
L140	10+23.88	10+66.83							42.94	159227.95	516554.46	159232.65	516597.14	83°43'12"
C140	10+66.83	10+75.00	10+71.16		46°49'02"	572°57'28.06"	10.00	4.33	8.17	159232.65	516597.14	159236.59	516604.05	83°43'12" 36°54'11"
L142	10+75.00	11+05.88							30.88	159236.59	516604.05	159261.28	516622.59	36°54'11"
C141	11+05.88	11+24.72	11+17.87		89°57'21"	477°27'53.39"	12.00	11.99	18.84	159261.28	516622.59	159263.68	516639.38	36°54'11" 126°51'32"
L143	11+24.72	11+48.57							23.85	159263.68	516639.38	159249.37	516658.47	126°51'32"
C142	11+48.57	11+55.65	11+52.36		50°39'47"	716°11'50.08"	8.00	3.79	7.07	159249.37	516658.47	159248.00	516665.18	126°51'32" 76°11'44"
L144	11+55.65	12+13.01							57.36	159248.00	516665.18	159261.68	516720.88	76°11'44"

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 17

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 031

ALIGNMENT DATA
TRAIL A

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L145	509+39.03	509+98.84							59.81	160162.44	517452.50	160200.76	517498.43	50°09'52"
C143	509+98.84	510+96.55	510+48.28		21°31'59"	22°02'12.62"	260.00	49.44	97.71	160200.76	517498.43	160275.83	517560.09	50°09'52" 28°37'53"
L146	510+96.55	512+08.32							111.77	160275.83	517560.09	160373.93	517613.64	28°37'53"
C144	512+08.32	514+05.88	513+07.32		9°25'58"	4°46'28.73"	1200.00	99.00	197.56	160373.93	517613.64	160538.77	517722.12	28°37'53" 38°03'51"
L147	514+05.88	514+38.65							32.77	160538.77	517722.12	160564.57	517742.33	38°03'51"
C145	514+38.65	516+27.98	515+37.24		39°26'48"	20°50'05.38"	275.00	98.59	189.33	160564.57	517742.33	160740.75	517800.73	38°03'51" 358°37'02"
C146	516+27.98	517+75.63	517+02.22		14°50'29"	10°03'06.81"	570.00	74.24	147.65	160740.75	517800.73	160887.17	517816.22	358°37'02" 13°27'31"
C147	517+75.63	519+35.73	518+56.19		15°48'58"	9°52'42.90"	580.00	80.56	160.11	160887.17	517816.22	161046.02	517831.66	13°27'31" 357°38'33"
C148	519+35.73	520+29.54	519+82.86		13°46'53"	14°41'28.41"	390.00	47.13	93.81	161046.02	517831.66	161139.31	517839.05	357°38'33" 11°25'27"
C149	520+29.54	521+42.93	520+86.56		15°06'30"	13°19'28.56"	430.00	57.02	113.39	161139.31	517839.05	161252.11	517846.68	11°25'27" 356°18'57"
C150	521+42.93	523+14.58	522+28.99		10°27'46"	6°05'43.06"	940.00	86.07	171.66	161252.11	517846.68	161423.47	517851.31	356°18'57" 6°46'43"
C151	523+14.58	523+65.63	523+40.17		9°45'01"	19°05'54.94"	300.00	25.59	51.05	161423.47	517851.31	161474.43	517853.01	6°46'43" 357°01'42"
L148	523+65.63	524+28.91							63.28	161474.43	517853.01	161537.62	517849.73	357°01'42"
L149	524+28.91	528+33.87							404.96	161537.62	517849.73	161942.04	517828.73	357°01'42"
C152	528+33.87	528+58.62	528+46.50		28°21'27"	114°35'29.61"	50.00	12.63	24.75	161942.04	517828.73	161965.44	517821.51	357°01'42" 328°40'15"
C153	528+58.62	528+83.36	528+71.25		28°21'27"	114°35'29.61"	50.00	12.63	24.75	161965.44	517821.51	161988.85	517814.29	328°40'15" 357°01'42"

Jan, 18 2016 08:07 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 18

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 032

ALIGNMENT DATA
TRAIL B

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C154	631+19.95	631+90.14	631+55.66		26°06'52"	37°12'18.19"	154.00	35.72	70.19	162249.49	517796.36	162318.21	517807.32	356°00'33" 22°07'25"
C155	631+90.14	632+96.37	632+43.90		21°44'16"	20°27'46.00"	280.00	53.76	106.23	162318.21	517807.32	162421.77	517827.93	22°07'25" 0°23'09"
C156	632+96.37	633+97.22	633+46.84		5°46'42"	5°43'46.48"	1000.00	50.47	100.85	162421.77	517827.93	162522.42	517833.69	0°23'09" 6°09'51"
C157	633+97.22	635+68.30	634+83.76		21°18'30"	12°27'20.18"	460.00	86.54	171.07	162522.42	517833.69	162685.23	517882.91	6°09'51" 27°28'22"
L150	635+68.30	637+50.17							181.87	162685.23	517882.91	162846.59	517966.81	27°28'22"
C159	637+50.17	638+48.16	637+99.39		13°22'06"	13°38'30.67"	420.00	49.22	97.99	162846.59	517966.81	162927.50	518021.70	27°28'22" 40°50'28"
C158	638+48.16	639+22.24	638+85.54		18°51'48"	25°27'53.25"	225.00	37.38	74.08	162927.50	518021.70	162990.44	518060.13	40°50'28" 21°58'39"
C161	639+22.24	640+05.42	639+63.85		4°45'57"	5°43'46.48"	1000.00	41.61	83.18	162990.44	518060.13	163066.19	518094.43	21°58'39" 26°44'36"
C160	640+05.42	644+86.86	642+46.20		3°03'54"	0°38'11.83"	9000.00	240.78	481.44	163066.19	518094.43	163490.13	518322.47	26°44'36" 29°48'30"
C165	644+86.86	646+75.87	645+81.56		8°52'36"	4°41'46.95"	1220.00	94.70	189.01	163490.13	518322.47	163646.22	518428.73	29°48'30" 38°41'06"
C166	646+75.87	647+17.63	646+96.76		4°44'50"	11°22'05.56"	504.00	20.89	41.76	163646.22	518428.73	163679.86	518453.46	38°41'06" 33°56'16"
C163	647+17.63	649+45.93	648+31.87		5°31'01"	2°24'59.49"	2371.00	114.24	228.30	163679.86	518453.46	163862.85	518589.83	33°56'16" 39°27'17"
C164	649+45.93	650+47.91	649+97.41		19°13'10"	18°50'50.27"	304.00	51.47	101.97	163862.85	518589.83	163929.35	518666.51	39°27'17" 58°40'27"
C162	650+47.91	651+16.13	650+83.30		37°35'11"	55°05'31.54"	104.00	35.39	68.22	163929.35	518666.51	163980.77	518709.47	58°40'27" 21°05'16"
C168	651+16.13	652+11.67	651+65.05		30°24'35"	31°49'51.56"	180.00	48.92	95.53	163980.77	518709.47	164056.87	518765.36	21°05'16" 51°29'51"
C169	652+11.67	652+77.79	652+45.28		25°15'27"	38°11'49.87"	150.00	33.61	66.12	164056.87	518765.36	164085.49	518824.37	51°29'51" 76°45'17"
C170	652+77.79	655+16.79	653+98.46		19°33'43"	8°11'06.40"	700.00	120.67	238.99	164085.49	518824.37	164178.52	519043.26	76°45'17" 57°11'34"
C171	655+16.79	656+18.86	655+67.82		1°10'11"	1°08'45.30"	5000.00	51.04	102.07	164178.52	519043.26	164232.94	519129.61	57°11'34" 58°21'45"
C172	656+18.86	661+97.16	659+08.33		6°37'37"	1°08'45.30"	5000.00	289.47	578.30	164232.94	519129.61	164564.05	519603.34	58°21'45" 51°44'08"
C173	661+97.16	664+48.63	663+22.91		1°48'04"	0°42'58.31"	8000.00	125.75	251.47	164564.05	519603.34	164716.66	519803.21	51°44'08" 53°32'12"
C174	664+48.63	665+67.06	665+08.63		22°37'01"	19°05'54.94"	300.00	59.99	118.42	164716.66	519803.21	164766.67	519909.70	53°32'12" 76°09'13"
C175	665+67.06	666+94.76	666+31.38		17°00'58"	13°19'28.56"	430.00	64.33	127.70	164766.67	519909.70	164815.07	520027.38	76°09'13" 59°08'15"
L151	666+94.76	669+69.39							274.63	164815.07	520027.38	164955.95	520263.12	59°08'15"
C167	669+69.39	670+12.45	669+91.00		12°05'37"	28°05'10.20"	204.00	21.61	43.06	164955.95	520263.12	164973.98	520302.13	59°08'15" 71°13'53"

ALIGNMENT DATA
TRAIL AA

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C176	10+00.00	10+60.23	10+30.99		33°10'52"	55°05'31.54"	104.00	30.99	60.23	164093.60	518855.56	164125.48	518905.67	74°07'00" 40°56'08"
L152	10+60.23	11+05.52							45.29	164125.48	518905.67	164159.70	518935.34	40°56'08"
C177	11+05.52	12+06.07	11+56.66		25°50'00"	25°41'35.43"	223.00	51.14	100.55	164159.70	518935.34	164247.71	518982.18	40°56'08" 15°06'08"
C178	12+06.07	13+66.29	12+89.61		40°05'16"	25°01'11.97"	229.00	83.55	160.22	164247.71	518982.18	164376.07	519072.54	15°06'08" 55°11'24"
L153	13+66.29	14+01.56							35.28	164376.07	519072.54	164396.20	519101.51	55°11'24"
C179	14+01.56	15+03.74	14+57.62		58°32'31"	57°17'44.81"	100.00	56.05	102.17	164396.20	519101.51	164405.64	519198.84	55°11'24" 113°43'55"
L154	15+03.74	16+02.28							98.54	164405.64	519198.84	164365.98	519289.05	113°43'55"
C180	16+02.28	16+57.20	16+32.38		58°15'59"	106°06'11.86"	54.00	30.10	54.91	164365.98	519289.05	164370.93	519341.39	113°43'55" 55°27'56"

ALIGNMENT DATA
TRAIL BB

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C185	10+00.00	10+26.37	10+15.80		79°30'29"	301°33'24.24"	19.00	15.80	26.37	164408.33	519394.99	164431.81	519401.26	54°43'00" 335°12'31"
L164	10+26.37	10+98.63							72.26	164431.81	519401.26	164497.41	519370.96	335°12'31"
C186	10+98.63	11+68.42	11+40.57		79°58'53"	114°35'29.61"	50.00	41.94	69.80	164497.41	519370.96	164559.43	519387.81	335°12'31" 55°11'24"
L165	11+68.42	11+86.42							18.00	164559.43	519387.81	164569.70	519402.59	55°11'24"
C187	11+86.42	12+56.22	12+28.36		79°58'53"	114°35'29.61"	50.00	41.94	69.80	164569.70	519402.59	164563.90	519466.59	55°11'24" 135°10'17"
L166	12+56.22	13+23.74							67.52	164563.90	519466.59	164516.01	519514.20	135°10'17"
C188	13+23.74	13+51.10	13+40.41		82°30'20"	301°33'24.24"	19.00	16.66	27.36	164516.01	519514.20	164514.30	519539.19	135°10'17" 52°39'57"

ALIGNMENT DATA
TRAIL CC

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L167	10+00.00	11+03.82							103.82	164621.10	519355.89	164535.86	519415.16	145°11'24"

ALIGNMENT DATA
CEDAR LAKE TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L155	550+00.00	551+39.67							139.67	164374.68	518677.58	164425.16	518807.82	68°48'48"
C181	551+39.67	552+09.51	551+80.19		72°45'11"	104°10'26.92"	55.00	40.51	69.84	164425.16	518807.82	164408.06	518870.78	68°48'48" 141°33'59"
L156	552+09.51	552+72.62							63.11	164408.06	518870.78	164358.63	518910.01	141°33'59"
L157	552+72.62	553+06.41							33.79	164358.63	518910.01	164379.88	518936.27	51°00'48"
C182	553+06.41	553+37.84	553+22.13		1°48'04"	5°43'46.48"	1000.00	15.72	31.44	164379.88	518936.27	164399.27	518961.01	51°00'48" 52°48'52"
L158	553+37.84	554+39.78							101.94	164399.27	518961.01	164460.88	519042.22	52°48'52"
L159	554+39.78	556+16.80							177.02	164460.88	519042.22	164315.54	519143.27	145°11'24"

ALIGNMENT DATA
TRAIL J

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L160	450+00.00	450+91.87							91.87	164359.53	518741.21	164399.95	518823.71	63°53'55"
C183	450+91.87	450+97.72	450+94.79		3°21'17"	57°17'44.81"	100.00	2.93	5.86	164399.95	518823.71	164402.37	518829.04	63°53'55" 67°15'12"
L161	450+97.72	451+34.06							36.34	164402.37	518829.04	164416.42	518862.55	67°15'12"

ALIGNMENT DATA
TRAIL K

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L162	350+00.00	350+24.92							24.92	164332.45	518769.97	164346.33	518790.67	56°08'35"
C184	350+24.92	350+51.59	350+38.26		1°31'40"	5°43'46.48"	1000.00	13.33	26.66	164346.33	518790.67	164361.48	518812.61	56°08'35" 54°36'56"
L163	350+51.59	351+26.21							74.62	164361.48	518812.61	164404.69	518873.45	54°36'56"

ALIGNMENT DATA
TRAIL H

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L170	769+05.69	769+11.38							5.69	164904.06	520176.30	164899.17	520179.22	149°08'15"
C190	769+11.38	769+30.38	769+23.04		83°44'00"	440°44'12.36"	13.00	11.65	19.00	164899.17	520179.22	164894.02	520195.79	149°08'15" 65°24'16"
L168	769+30.38	769+98.24							67.86	164894.02	520195.79	164922.27	520257.49	65°24'16"
C189	769+98.24	770+31.10	770+14.70		8°22'05"	25°27'53.25"	225.00	16.46	32.86	164922.27	520257.49	164933.72	520288.26	65°24'16" 73°46'21"
L169	770+31.10	771+49.22							118.12	164933.72	520288.26	164966.73	520401.67	73°46'21"
C191	771+49.22	772+54.87	772+02.73		22°25'08"	21°13'14.37"	270.00	53.51	105.65	164966.73	520401.67	164975.91	520506.25	73°46'21" 96°11'29"
L171	772+54.87	773+75.37							120.50	164975.91	520506.25	164962.91	520626.04	96°11'29"
C192	773+75.37	774+75.74	774+27.38		37°06'03"	36°57'54.07"	155.00	52.01	100.37	164962.91	520626.04	164921.63	520715.61	96°11'29" 133°17'32"
L172	774+75.74	775+23.18							47.44	164921.63	520715.61	164889.10	520750.15	133°17'32"

ALIGNMENT DATA
TRAIL L

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C194	675+17.57	675+33.84	675+25.71		4°34'13"	28°05'10.20"	204.00	8.14	16.27	165139.46	520778.77	165145.33	520793.95	66°34'19" 71°08'32"
L173	675+33.84	676+22.27							88.44	165145.33	520793.95	165173.91	520877.64	71°08'32"
C193	676+22.27	676+52.60	676+37.47		8°51'59"	29°13'57.15"	196.00	15.20	30.33	165173.91	520877.64	165185.89	520905.47	71°08'32" 62°16'34"
C195	676+52.60	677+79.62	677+17.08		24°15'27"	19°05'54.94"	300.00	64.47	127.01	165185.89	520905.47	165219.78	521026.89	62°16'34" 86°32'01"
L174	677+79.62	678+08.03							28.41	165219.78	521026.89	165221.50	521055.25	86°32'01"
C196	678+08.03	678+82.35	678+45.33		12°05'13"	16°15'49.90"	352.29	37.30	74.32	165221.50	521055.25	165233.76	521128.41	86°32'01" 74°26'48"
L175	678+82.35	679+16.48							34.13	165233.76	521128.41	165242.91	521161.30	74°26'48"

ALIGNMENT DATA
LUCE LINE REGIONAL TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C200	3+41.82	3+70.24	3+56.04		4°55'37"	17°20'08.08"	330.51	14.22	28.42	166633.16	521901.17	166606.03	521909.59	165°12'40" 160°17'03"
C201	3+70.24	4+00.28	3+86.56		55°31'14"	184°49'30.34"	31.00	16.32	30.04	166606.03	521909.59	166586.51	521930.88	160°17'03" 104°45'49"
C202	4+00.28	4+83.60	4+45.63		56°09'49"	67°24'24.48"	85.00	45.35	83.32	166586.51	521930.88	166532.09	521989.55	104°45'49" 160°55'38"
L178	4+83.60	5+26.38							42.78	166532.09	521989.55	166491.66	522003.53	160°55'38"
C199	5+26.38	6+25.86	6+03.36		113°59'21"	114°35'29.61"	50.00	76.98	99.47	166491.66	522003.53	166471.47	522084.92	160°55'38" 46°56'17"
L177	6+25.86	9+90.32							364.47	166471.47	522084.92	166720.32	522351.21	46°56'17"
C198	9+90.32	10+00.00	9+95.58		55°26'43"	572°57'28.06"	10.00	5.26	9.68	166720.32	522351.21	166722.78	522360.18	46°56'17" 102°23'00"
L176	10+00.00	13+35.99							335.99	166722.78	522360.18	166650.73	522688.35	102°23'00"
C203	13+35.99	13+79.52	13+66.66		103°55'11"	238°43'56.69"	24.00	30.67	43.53	166650.73	522688.35	166616.66	522704.72	102°23'00" 206°18'11"
C204	13+79.52	14+68.06	14+24.88		30°44'42"	34°43'28.97"	165.00	45.36	88.54	166616.66	522704.72	166530.76	522688.13	206°18'11" 175°33'29"
L179	14+68.06	14+92.01							23.95	166530.76	522688.13	166506.88	522689.99	175°33'29"
L180	14+92.01	15+26.20							34.19	166506.88	522689.99	166474.84	522701.91	159°35'36"
C197	15+26.20	16+21.15	15+73.80		10°05'36"	10°37'48.05"	539.00	47.60	94.95	166474.84	522701.91	166390.10	522744.48	158°22'06" 148°16'30"

ALIGNMENT DATA
TRAIL V

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L192	5+00.00	5+17.53							17.53	166379.65	521977.66	166393.32	521988.63	38°45'26"
C215	5+17.53	5+50.12	5+33.84		5°26'09"	16°40'46.32"	343.51	16.31	32.59	166393.32	521988.63	166419.67	522007.80	38°45'26" 33°19'17"
C214	5+50.12	5+56.78	5+53.46		7°37'55"	114°35'29.61"	50.00	3.33	6.66	166419.67	522007.80	166425.46	522011.08	33°19'17" 25°41'23"
L193	5+56.78	5+98.38							41.60	166425.46	522011.08	166462.94	522029.11	25°41'23"

ALIGNMENT DATA
TRAIL W

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C213	5+00.00	5+11.39	5+05.76		21°02'54"	184°49'30.34"	31.00	5.76	11.39	166583.99	521882.38	166588.09	521892.94	79°16'21" 58°13'26"
L191	5+11.39	5+34.31							22.92	166588.09	521892.94	166600.16	521912.42	58°13'26"

ALIGNMENT DATA
TRAIL R

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L190	7+77.70	7+96.24							18.54	166653.06	522577.15	166637.94	522566.41	215°23'32"
C212	7+96.24	8+87.71	8+42.79		26°12'13"	28°38'52.40"	200.00	46.55	91.47	166637.94	522566.41	166554.05	522532.02	215°23'32" 189°11'18"
L189	8+87.71	8+94.50							6.79	166554.05	522532.02	166547.34	522530.93	189°11'18"
C205	8+94.50	10+24.11	9+64.79		55°00'26"	42°26'28.75"	135.00	70.29	129.61	166547.34	522530.93	166428.97	522570.12	189°11'18" 134°10'53"
L181	10+24.11	10+30.62							6.51	166428.97	522570.12	166424.43	522574.78	134°10'53"
C211	10+30.62	12+10.61	11+31.48		64°27'13"	35°48'35.50"	160.00	100.86	179.99	166424.43	522574.78	166389.09	522741.73	134°10'53" 69°43'40"
L188	12+10.61	12+40.15							29.54	166389.09	522741.73	166399.32	522769.44	69°43'40"
L182	12+40.15	12+95.00							54.85	166399.32	522769.44	166433.21	522812.56	51°50'02"
C206	12+95.00	13+22.89	13+08.94		1°35'54"	5°43'46.48"	1000.00	13.95	27.90	166433.21	522812.56	166450.14	522834.73	51°50'02" 53°25'56"
L183	13+22.89	13+33.87							10.98	166450.14	522834.73	166456.69	522843.55	53°25'56"
C209	13+33.87	15+75.35	14+56.59		25°09'19"	10°25'02.69"	550.00	122.71	241.47	166456.69	522843.55	166637.87	523000.25	53°25'56" 28°16'37"
L187	15+75.35	15+96.34							20.99	166637.87	523000.25	166656.35	523010.19	28°16'37"
C210	15+96.34	17+10.81	16+54.09		18°44'24"	16°22'12.80"	350.00	57.75	114.48	166656.35	523010.19	166746.59	523079.80	28°16'37" 47°01'01"
L184	17+10.81	17+80.99							70.17	166746.59	523079.80	166794.43	523131.14	47°01'01"
C207	17+80.99	18+45.73	18+13.41		7°34'14"	11°41'34.86"	490.00	32.42	64.74	166794.43	523131.14	166835.32	523181.28	47°01'01" 54°35'15"
L185	18+45.73	20+31.49							185.76	166835.32	523181.28	166942.96	523332.67	54°35'15"
C208	20+31.49	20+72.40	20+51.95		2°19'15"	5°40'22.26"	1010.00	20.46	40.91	166942.96	523332.67	166967.34	523365.52	54°35'15" 52°16'00"
L186	20+72.40	21+03.14							30.74	166967.34	523365.52	166986.15	523389.83	52°16'00"

ALIGNMENT DATA
TRAIL T

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
L194	10+00.00	10+12.27							12.27	166457.35	522844.44	166467.19	522837.11	323°19'01"
C216	10+12.27	11+79.08	11+09.42		73°35'54"	44°07'15.31"	129.86	97.15	166.81	166467.19	522837.11	166622.77	522837.43	323°19'01" 36°54'55"
C217	11+79.08	12+81.67	12+32.28		37°25'40"	36°29'05.73"	157.04	53.20	102.58	166622.77	522837.43	166718.49	522868.90	36°54'55" 359°29'15"
C218	12+81.67	13+29.10	13+06.61		43°50'29"	92°25'33.88"	61.99	24.95	47.43	166718.49	522868.90	166760.38	522849.21	356°44'20" 312°53'52"
C219	13+29.10	13+59.35	13+44.60		30°57'46"	102°22'20.83"	55.97	15.50	30.25	166760.38	522849.21	166785.82	522833.54	312°53'52" 343°51'38"
L195	13+59.35	13+71.11							11.77	166785.82	522833.54	166797.13	522830.27	343°51'38"

Jan, 18 2016 08:08 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E0-TRL-ALG.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

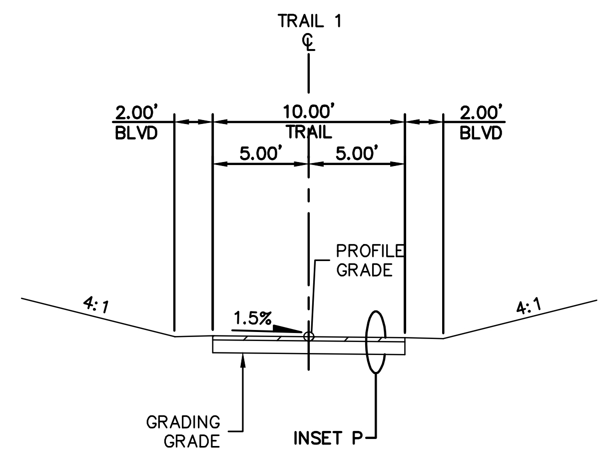
CIVIL - VOLUME 2B
TRAIL
ALIGNMENT TABULATIONS
SHEET 24

DISCIPLINE: CIVIL

SHEET NAME: E0-TRL-ALG - 038

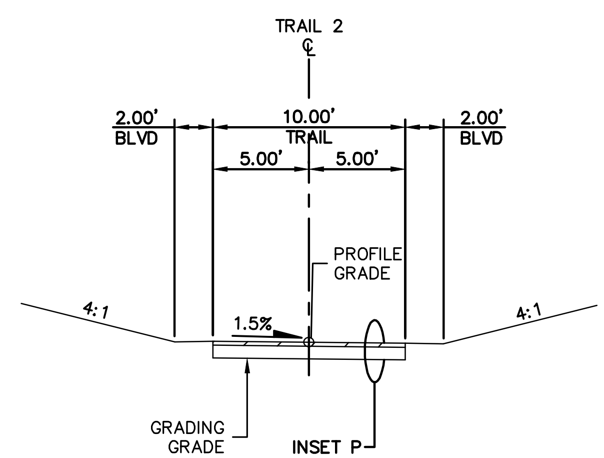
ALIGNMENT DATA
CEDAR LAKE TRAIL

SEGMENT NUMBER	BEGINNING STATION	ENDING STATION	PI STATION	NOTES	DELTA	DEGREE	RADIUS (FT)	TANGENT (FT)	LENGTH (FT)	BEGINNING COORDINATES NORTHING	BEGINNING COORDINATES EASTING	ENDING COORDINATES NORTHING	ENDING COORDINATES EASTING	AZIMUTH
C106	499+71.32	501+41.11	500+56.25		3°39'26"	2°09'14.32"	2660.00	84.93	169.79	168113.22	525034.83	168191.79	525185.32	60°36'14" 64°15'40"
L96	501+41.11	502+39.56							98.44	168191.79	525185.32	168234.54	525273.99	64°15'40"
C105	502+39.56	504+92.37	503+65.97		1°26'55"	0°34'22.65"	10000.00	126.41	252.81	168234.54	525273.99	168341.43	525503.08	64°15'40" 65°42'35"
L98	504+92.37	505+57.36							65.00	168341.43	525503.08	168368.17	525562.33	65°42'35"
C107	505+57.36	506+21.18	505+89.28		3°39'23"	5°43'46.48"	1000.00	31.92	63.82	168368.17	525562.33	168396.26	525619.62	65°42'35" 62°03'12"
L97	506+21.18	506+62.58							41.40	168396.26	525619.62	168415.66	525656.19	62°03'12"
C108	506+62.58	507+27.84	506+95.21		1°14'47"	1°54'35.49"	3000.00	32.63	65.26	168415.66	525656.19	168446.87	525713.50	62°03'12" 60°48'25"
L99	507+27.84	508+47.31							119.47	168446.87	525713.50	168505.14	525817.79	60°48'25"
C109	508+47.31	509+72.06	509+09.74		5°57'24"	4°46'28.73"	1200.00	62.43	124.75	168505.14	525817.79	168571.54	525923.34	60°48'25" 54°51'01"
L100	509+72.06	511+16.77							144.71	168571.54	525923.34	168654.85	526041.67	54°51'01"
C110	511+16.77	512+36.57	511+76.69		3°25'12"	2°51'17.27"	2007.00	59.92	119.80	168654.85	526041.67	168726.70	526137.50	54°51'01" 51°25'49"
L101	512+36.57	512+58.19							21.62	168726.70	526137.50	168740.18	526154.40	51°25'49"



TRAIL 1

STA. 60+94.84 TO STA. 65+27.58



TRAIL 2

STA. 80+45.22 TO STA. 84+20.10

0 2.5 5 10

HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

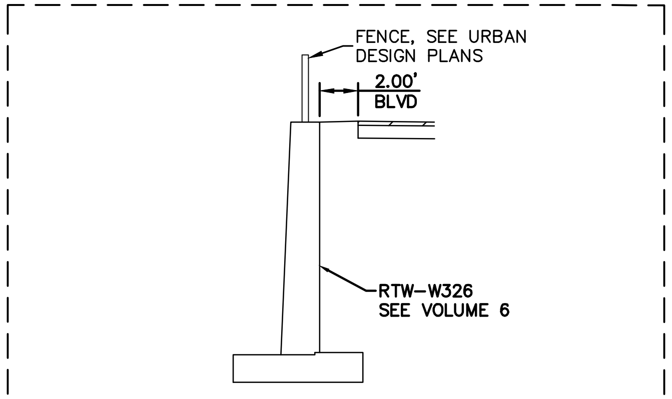
CIVIL - VOLUME 2B
TRAIL
TYPICAL SECTIONS
SHEET 1

DISCIPLINE: CIVIL

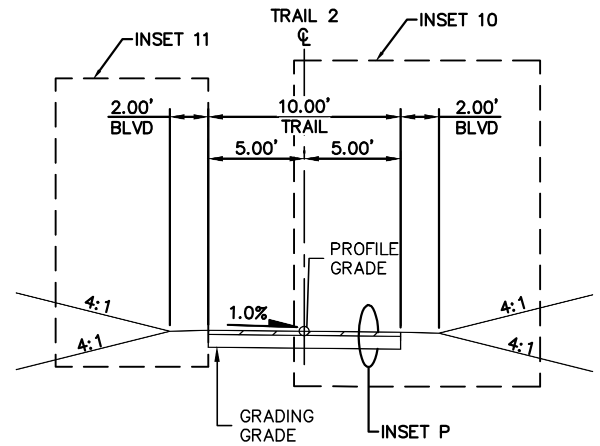
SHEET NAME: W2-CIV-TYP-007

SHEET 170 OF 302

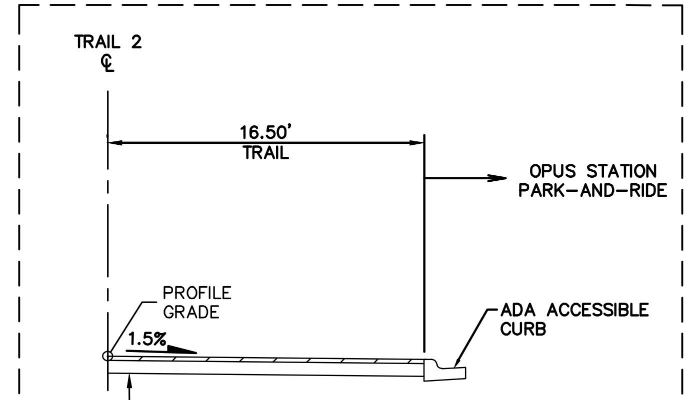
Jan, 18 2016 09:27 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-TYP.dwg By: akruger



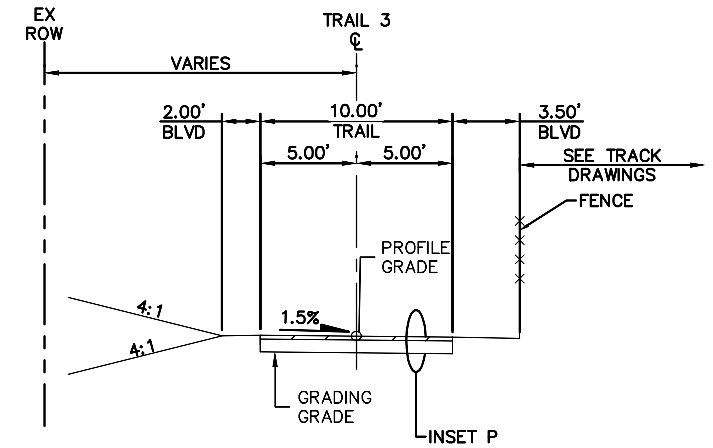
STA. 99+91.65
TO STA. 101+24.09
INSET 11



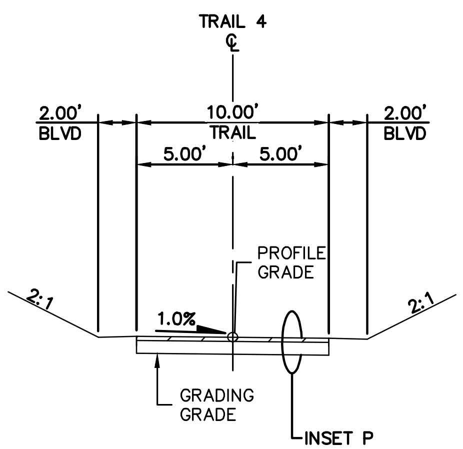
TRAIL 2
STA. 89+59.37 TO STA. 95+09.69 AND
STA. 98+51.86 TO STA. 103+27.77



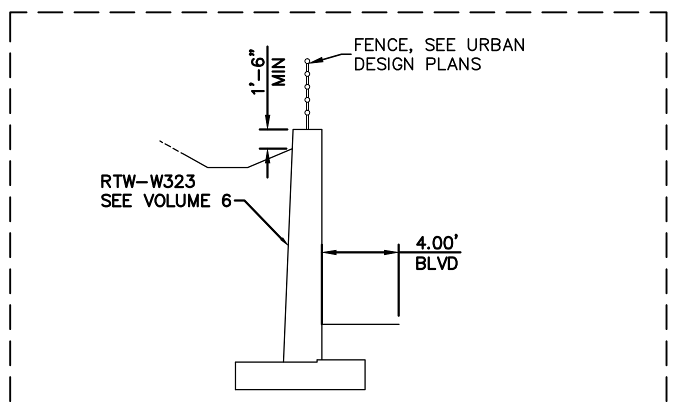
STA. 94+46.12
TO STA. 95+09.78
INSET 10



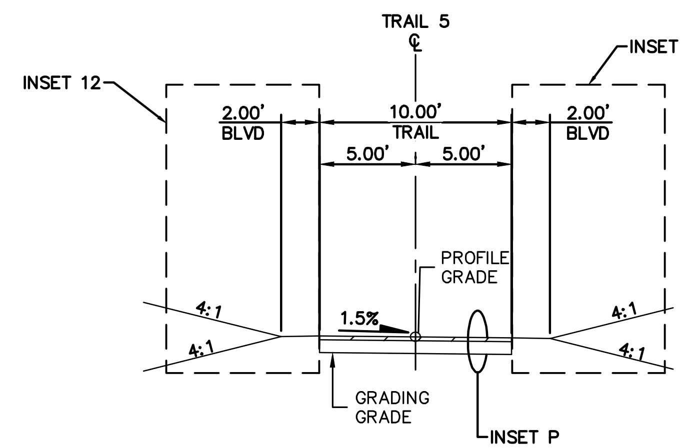
TRAIL 3
STA. 0+00.00 TO STA. 1+71.60



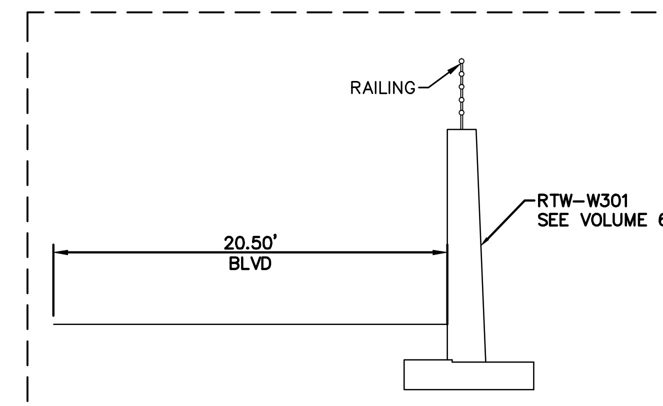
TRAIL 4
STA. 35+10.14 TO STA. 36+21.97



STA. 7+72.23
TO STA. 9+18.59
INSET 12



TRAIL 5
STA. 0+00.00 TO STA. 11+63.28



STA. 7+89.10
TO STA. 8+87.49
INSET 13

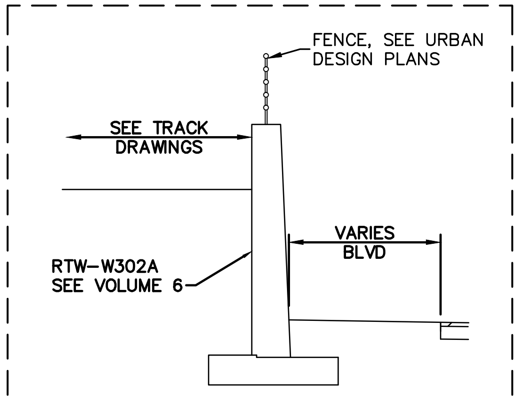
0 2.5 5 10
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

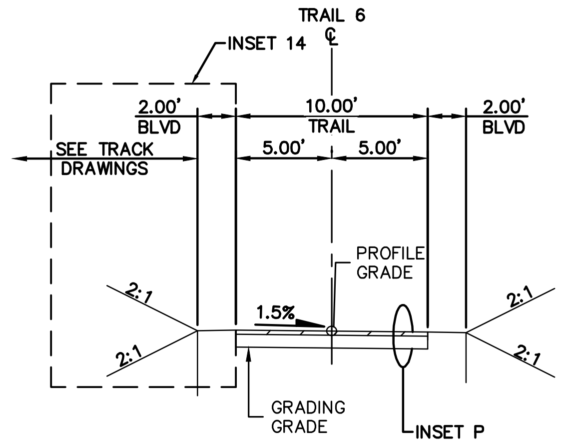
AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
TYPICAL SECTIONS
SHEET 2

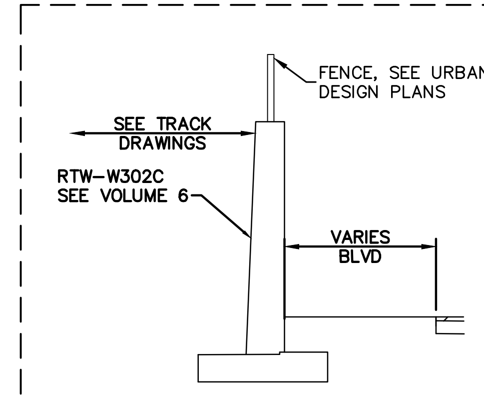
DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-TYP-007



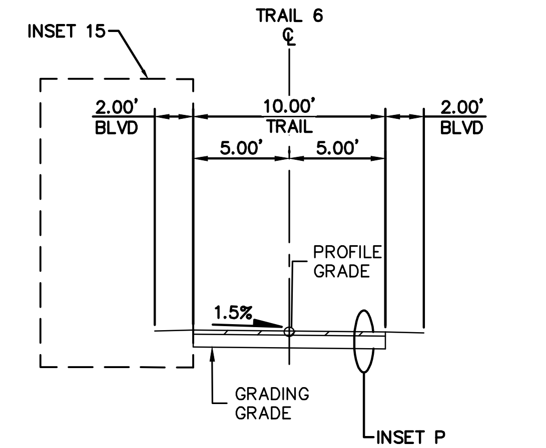
STA. 26+29.29
TO STA. 32+05.99
INSET 14



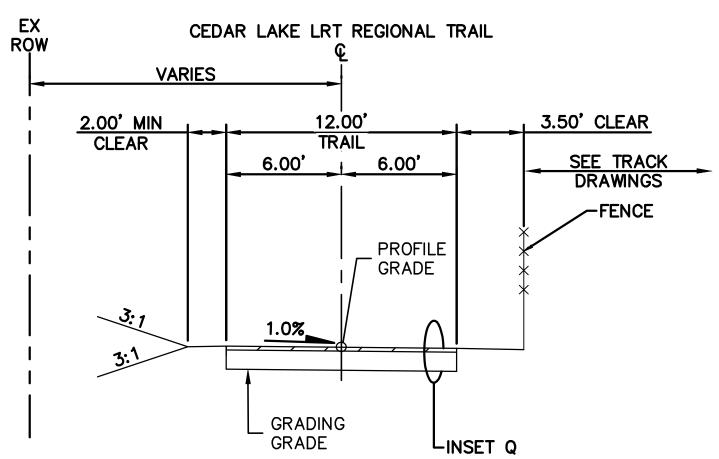
TRAIL 6
STA. 25+00.00 TO STA. 32+05.99



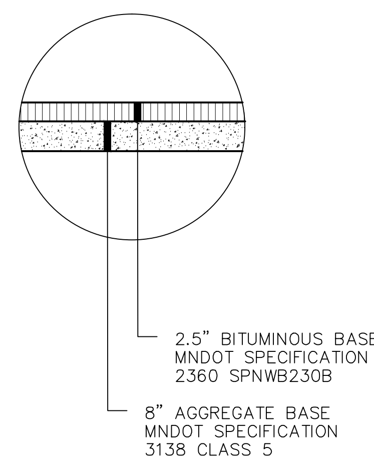
STA. 36+85.32
TO STA. 40+91.87
INSET 15



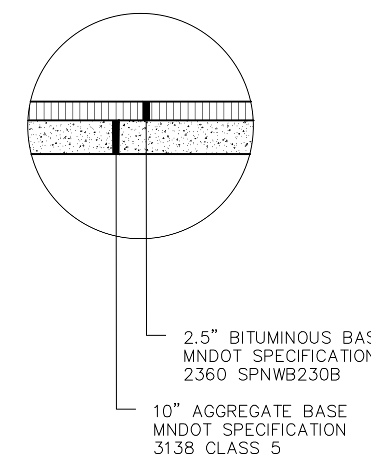
TRAIL 6
STA. 36+52.48 TO STA. 40+91.87



CEDAR LAKE LRT REGIONAL TRAIL
STA. 0+41.96 TO STA. 20+25.49



INSET P
TRAIL 1
TRAIL 2
TRAIL 3
TRAIL 4
TRAIL 5
TRAIL 6



INSET Q
CEDAR LAKE LRT REGIONAL TRAIL

0 2.5 5 10
HORIZONTAL
SCALE IN FEET

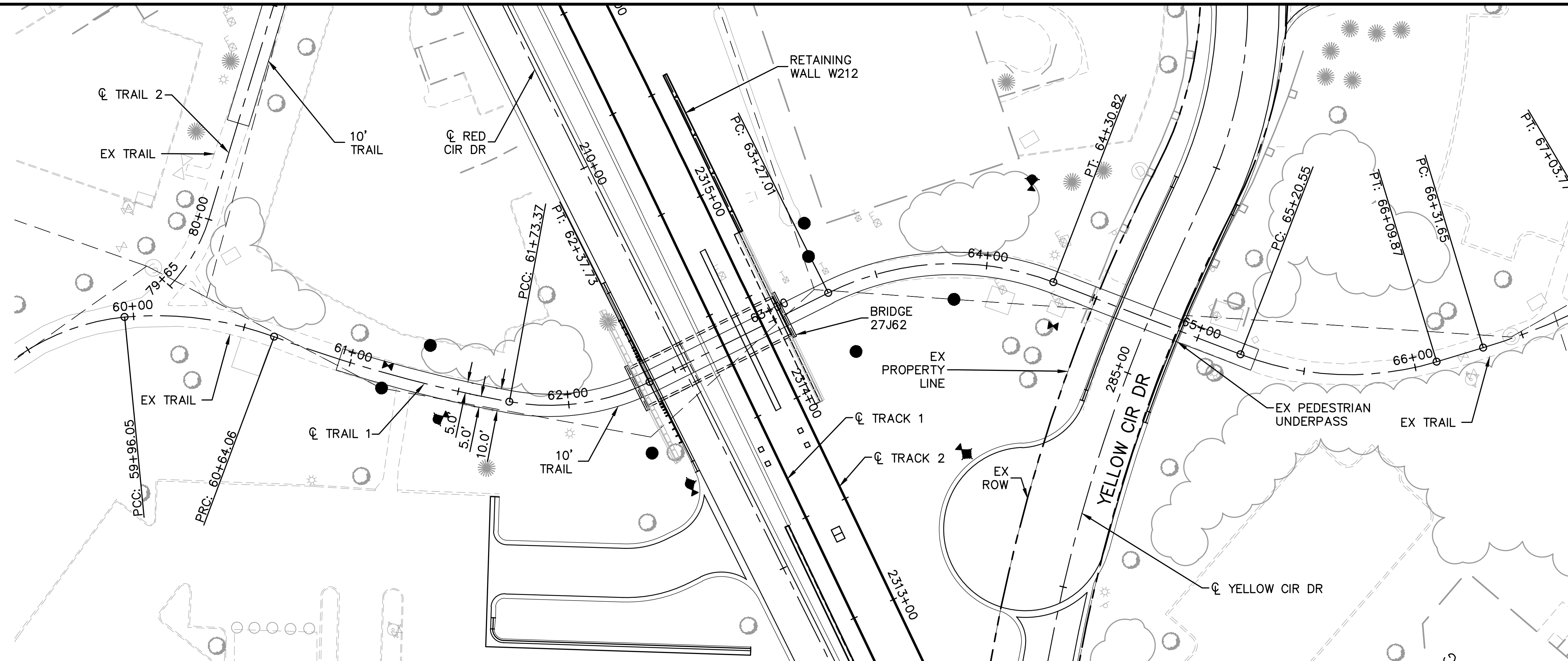
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
90% SUBMISSION - 01/22/16
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL
TYPICAL SECTIONS
SHEET 3

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-TYP-008

SHEET 172 OF 302



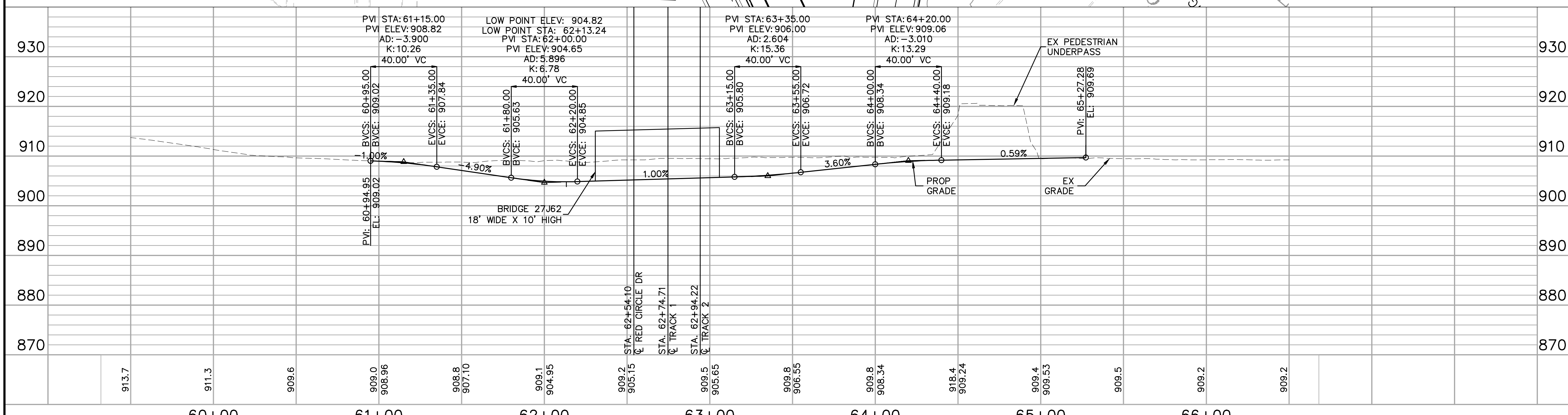
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

SCALE IN FEET: VERTICAL 0 5 10 20; HORIZONTAL 0 15 30 60



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

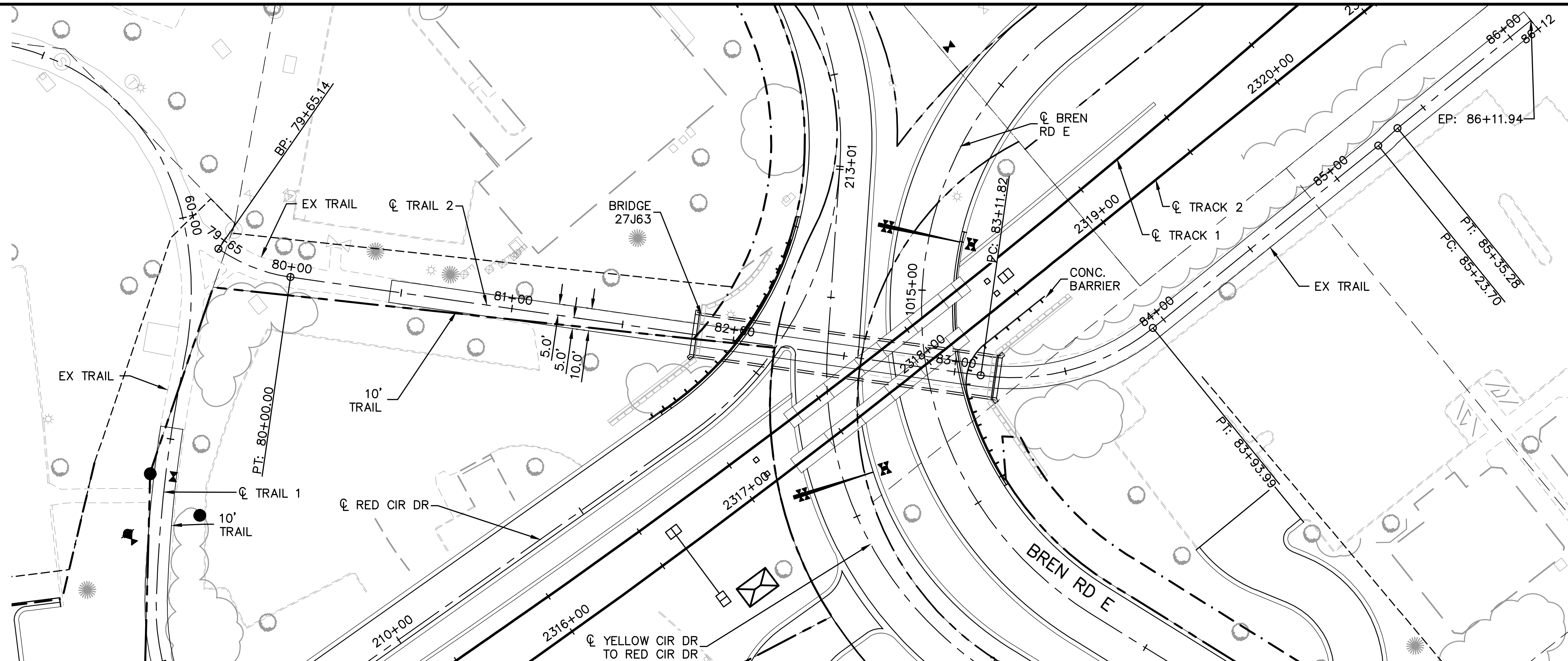
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL 1
PLAN AND PROFILE
STA. 59+50 TO STA. 66+50

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-TRL-001



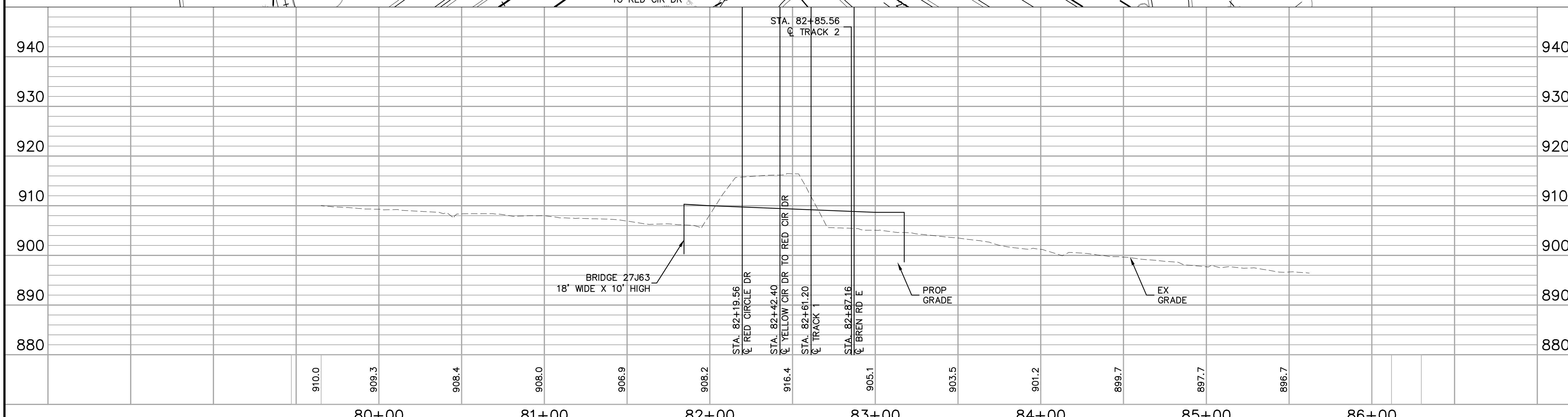
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

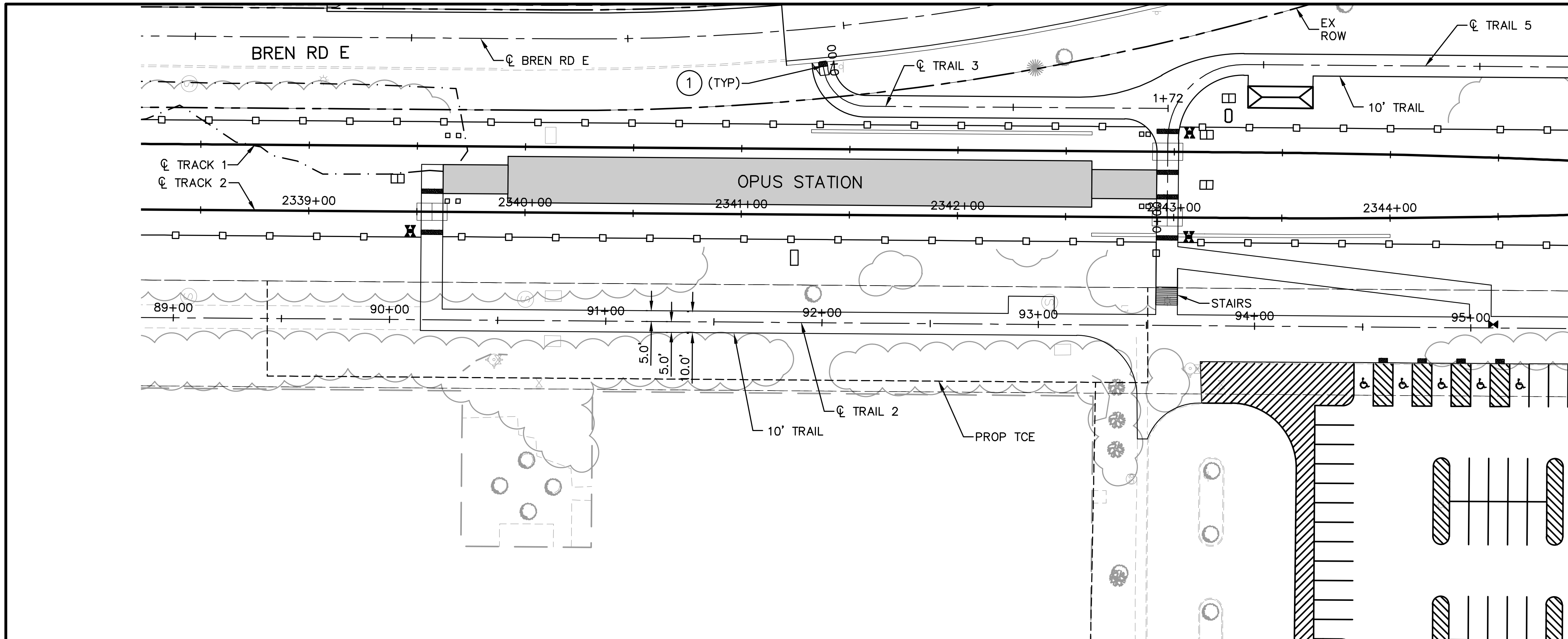
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL 2
PLAN AND PROFILE
STA. 79+65 TO STA. 86+12

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-TRL-002

Jan, 19 2016 09:14 am V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-TRL.dwg By: kmcclement



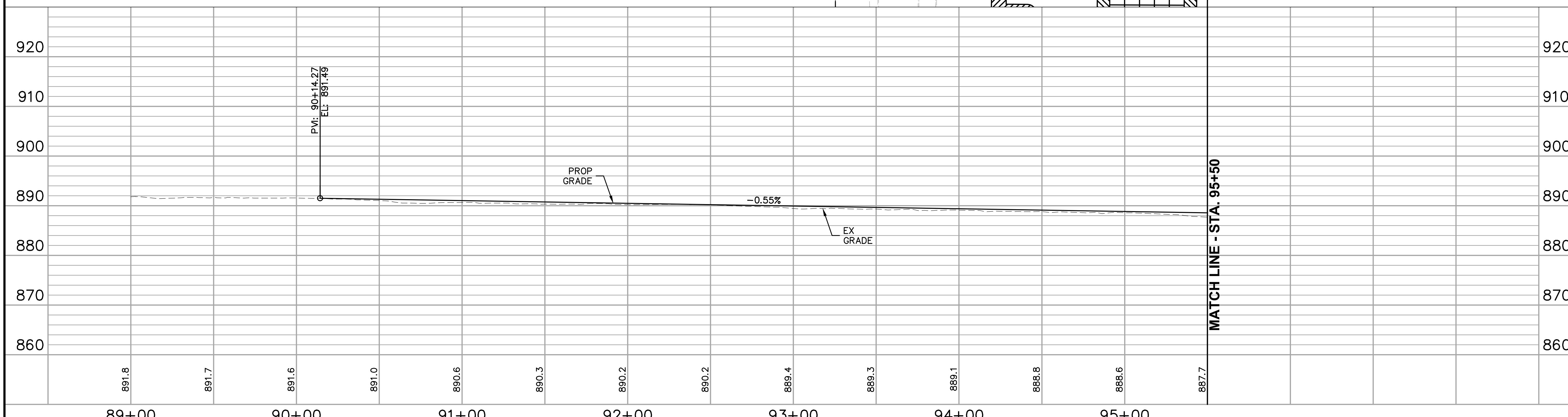
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

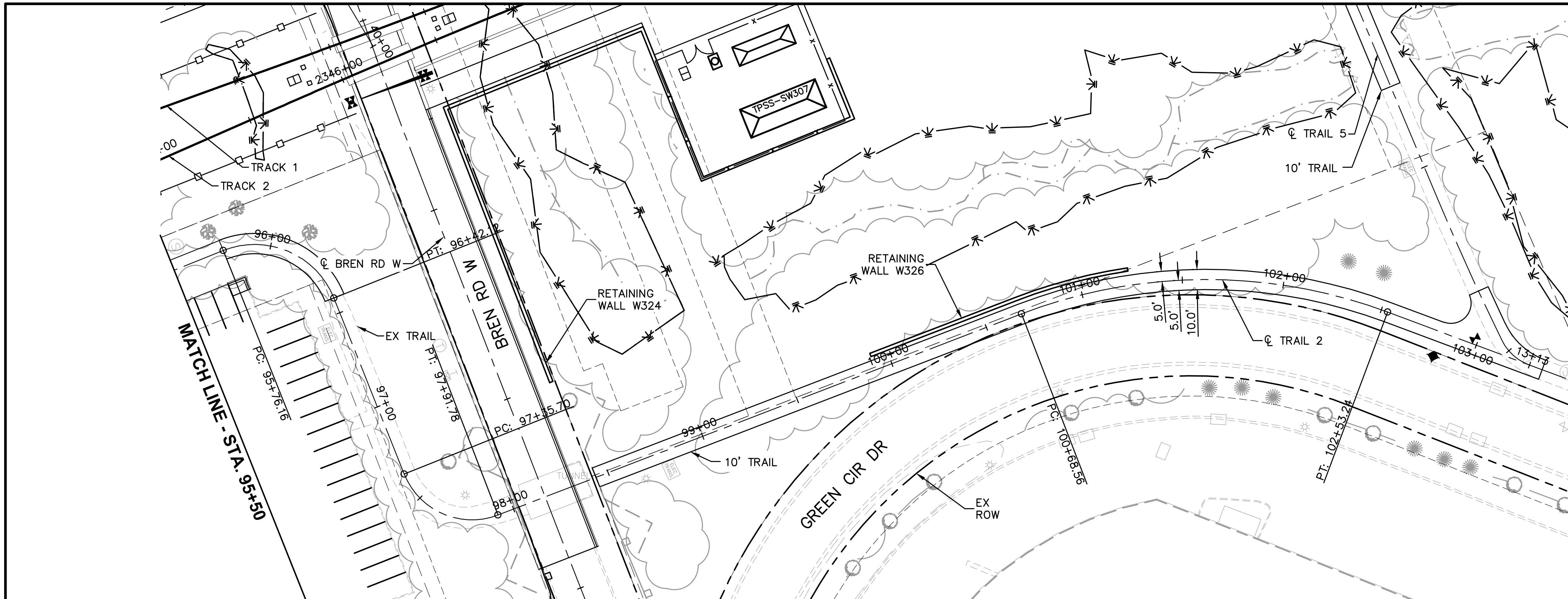
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL 2
PLAN AND PROFILE
STA. 89+00 TO STA. 95+50

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TRL-001



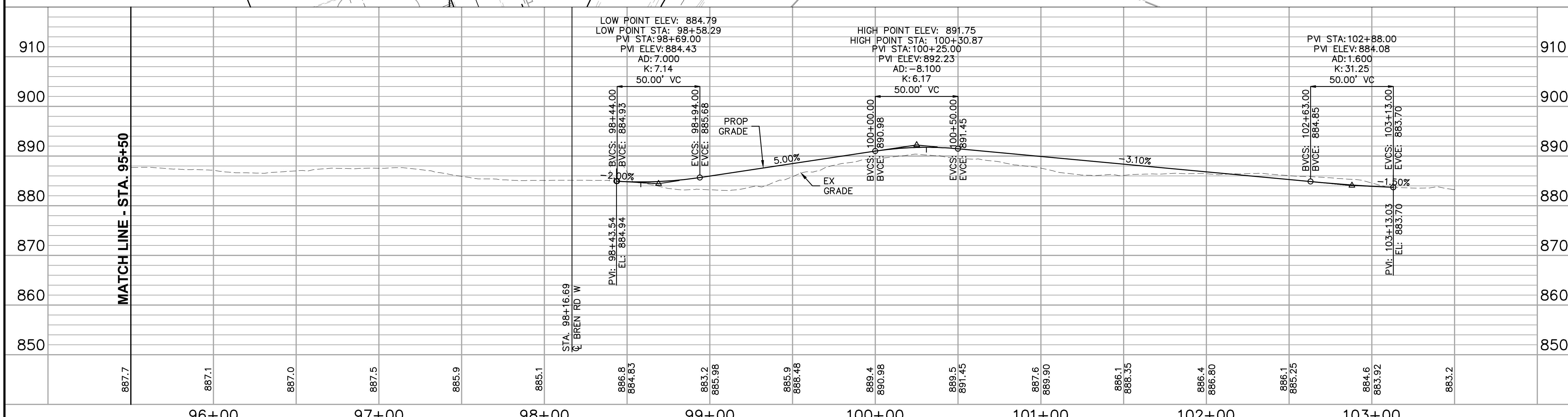
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

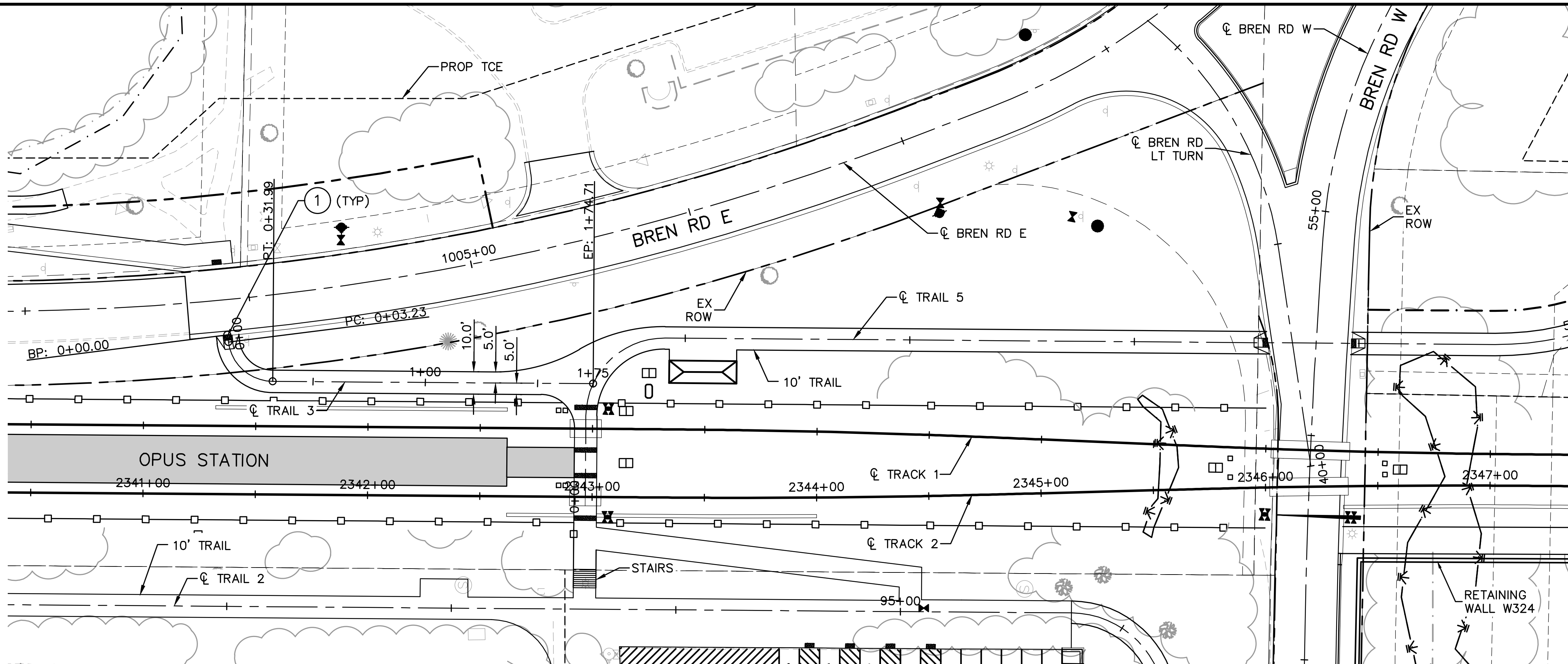
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL 2
PLAN AND PROFILE
STA. 95+50 TO STA. 103+50

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TRL-002



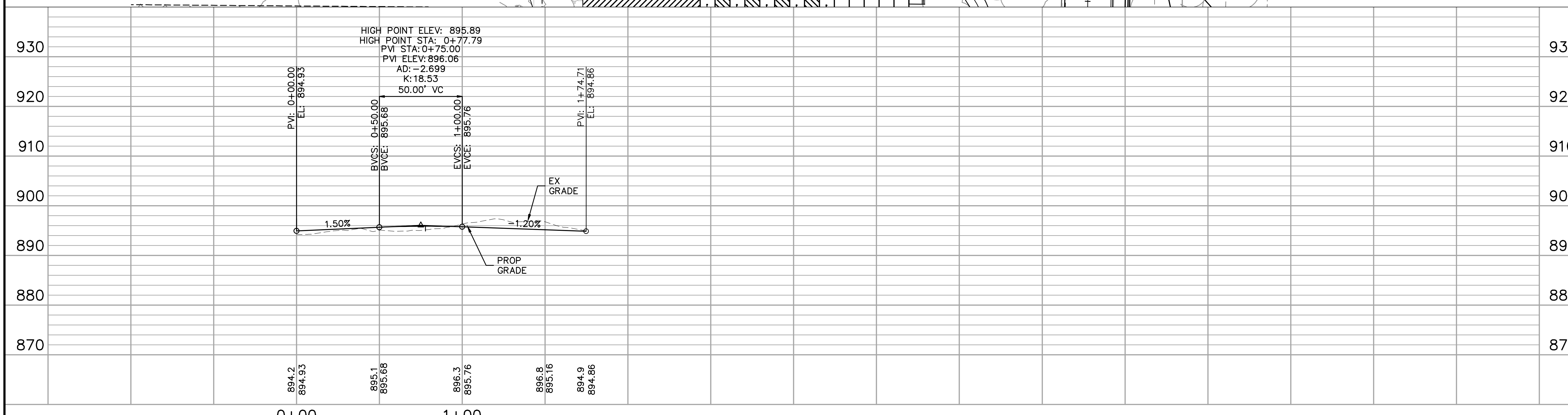
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



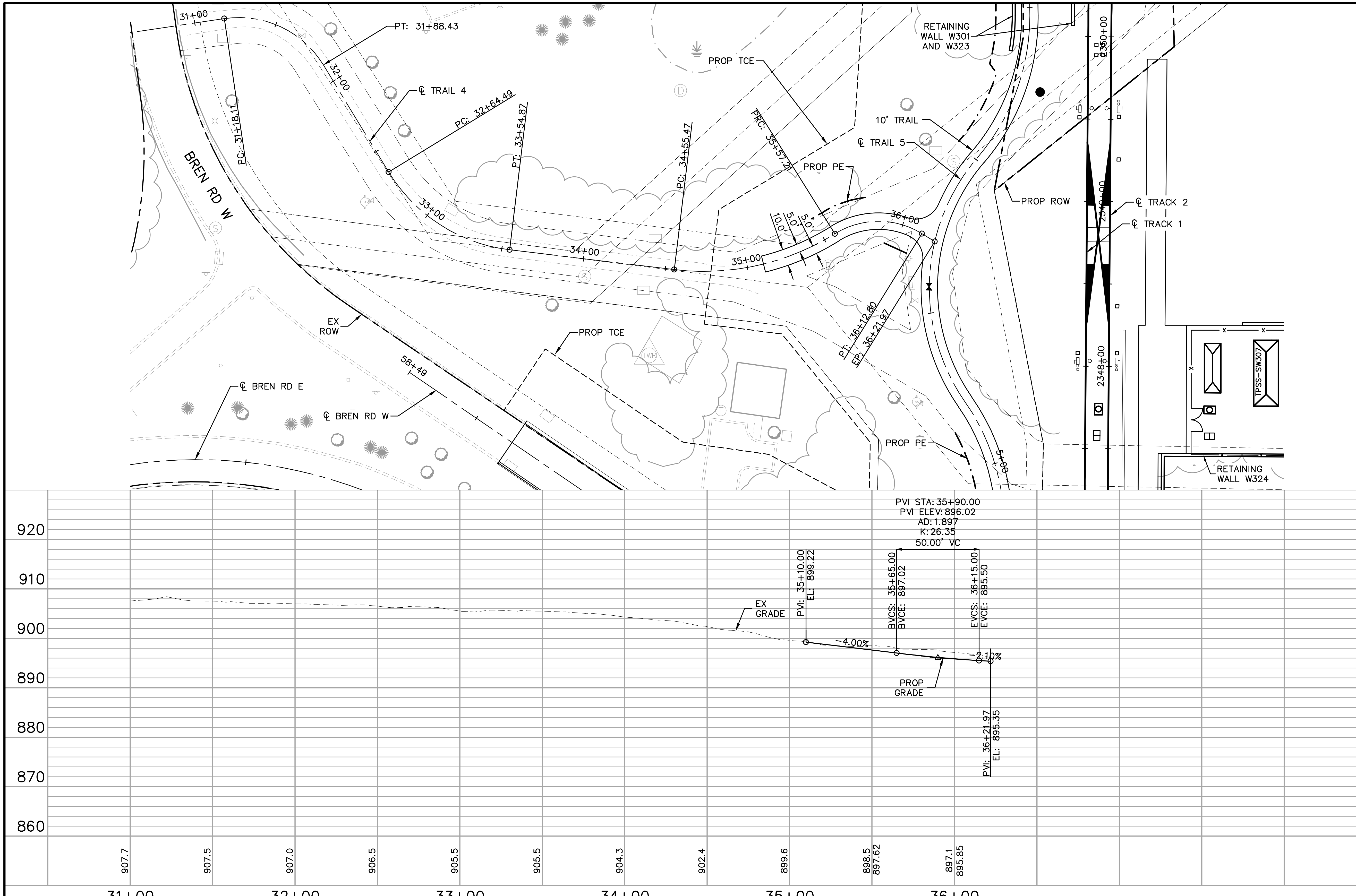
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL 3
PLAN AND PROFILE
STA. 0+00 TO STA. 1+72

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-TRL-003



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

N

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

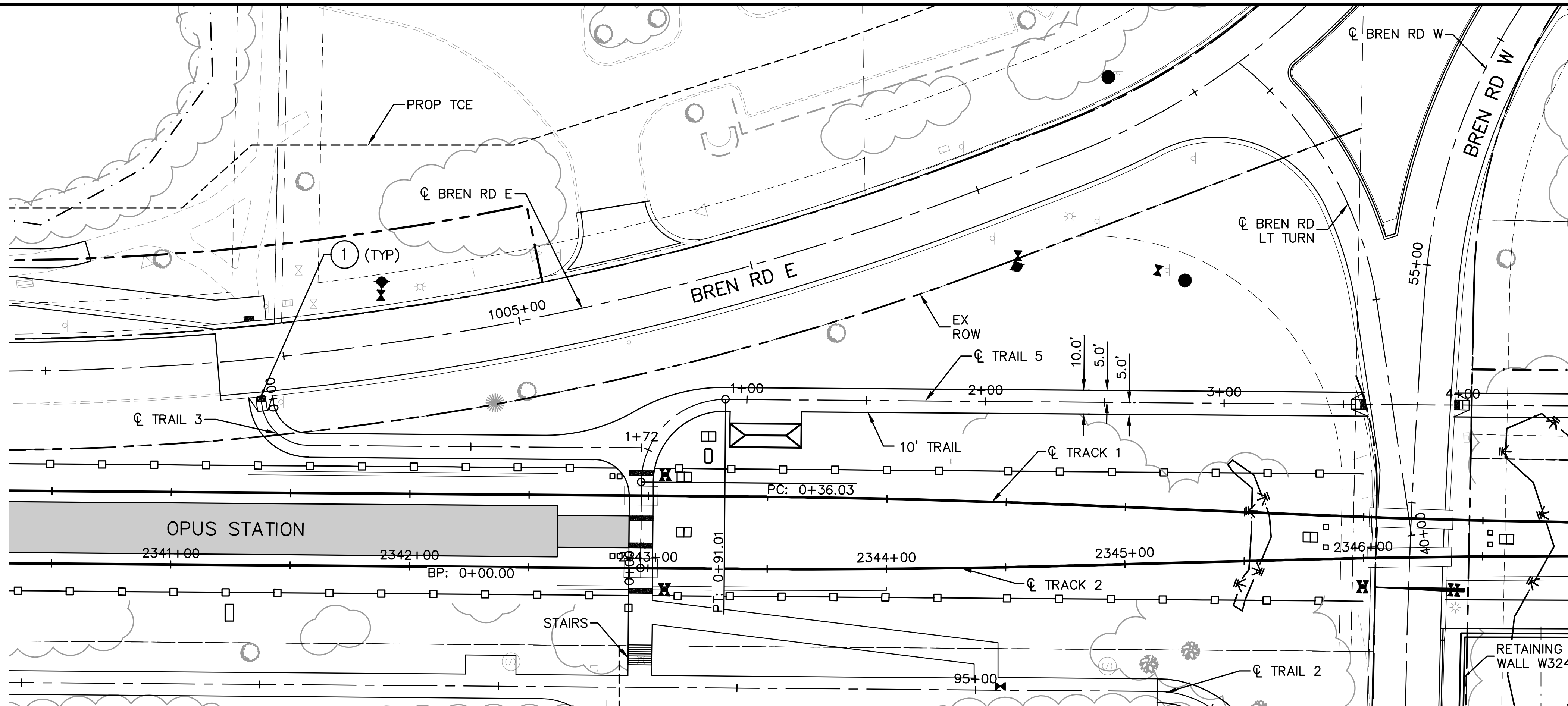
AECOM
SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL 4
PLAN AND PROFILE
STA. 31+00 TO STA. 36+22

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-TRL-004



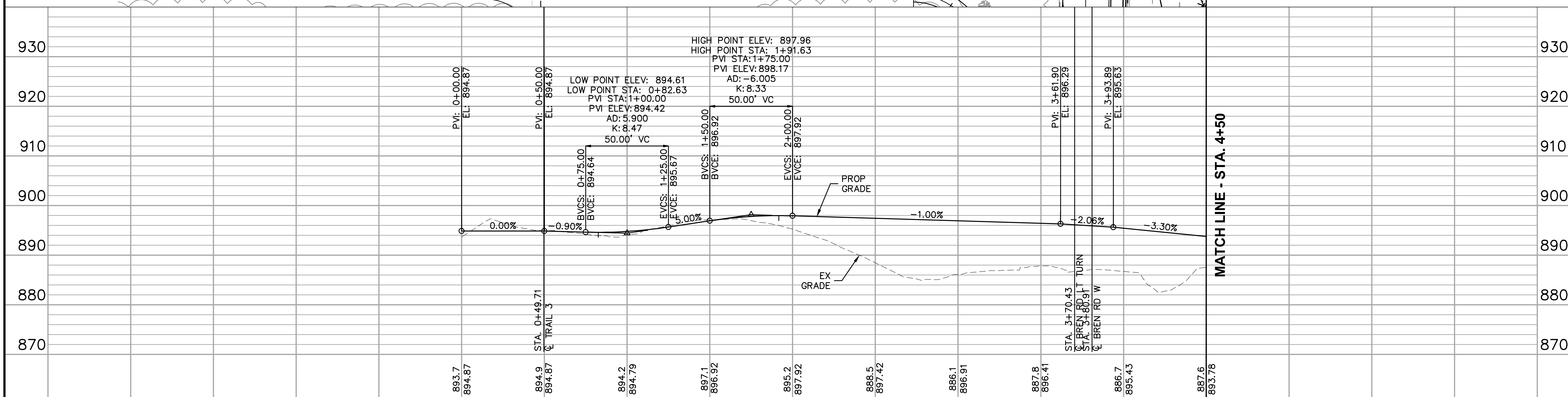
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

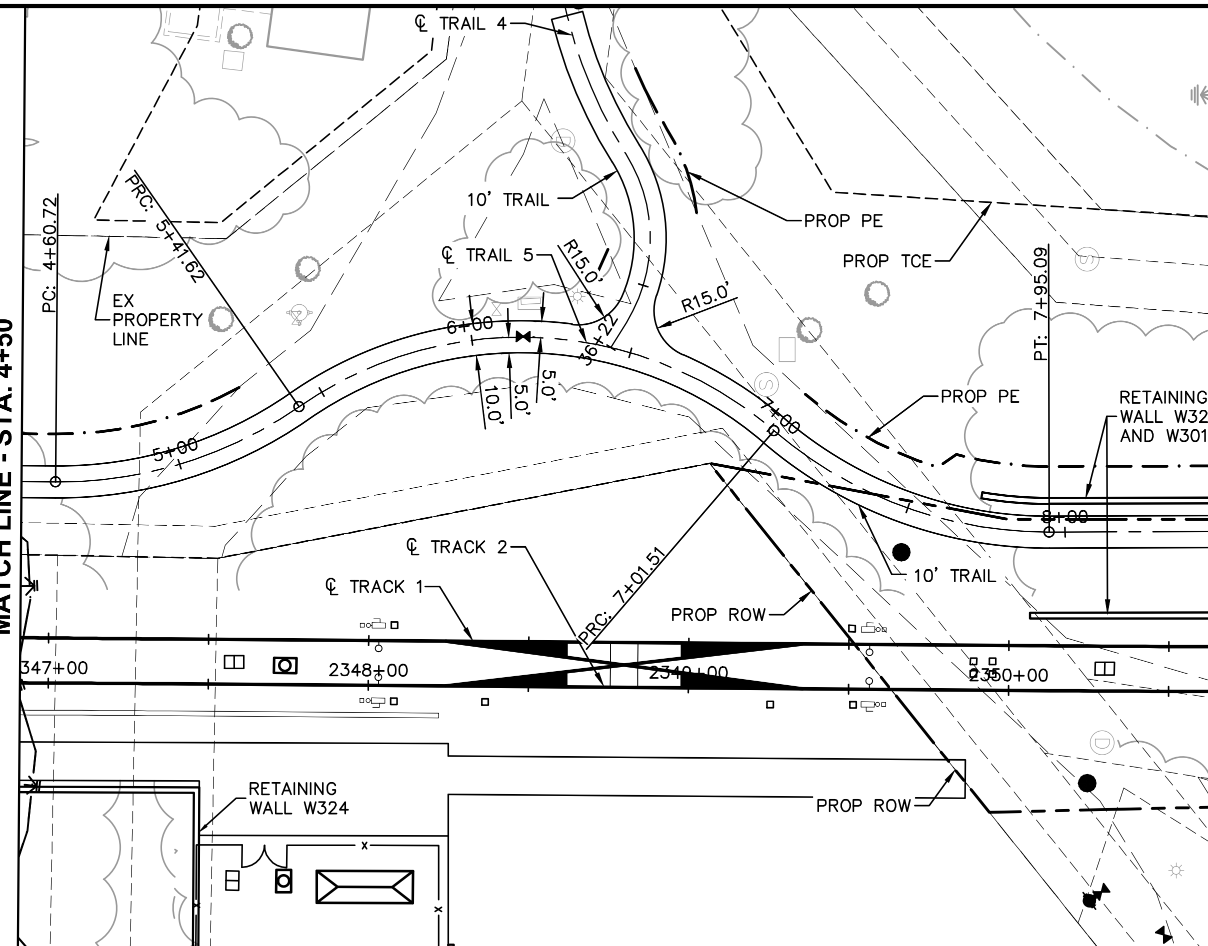
AECOM
SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL 5
PLAN AND PROFILE
STA. 0+00 TO STA. 4+50

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-TRL-005



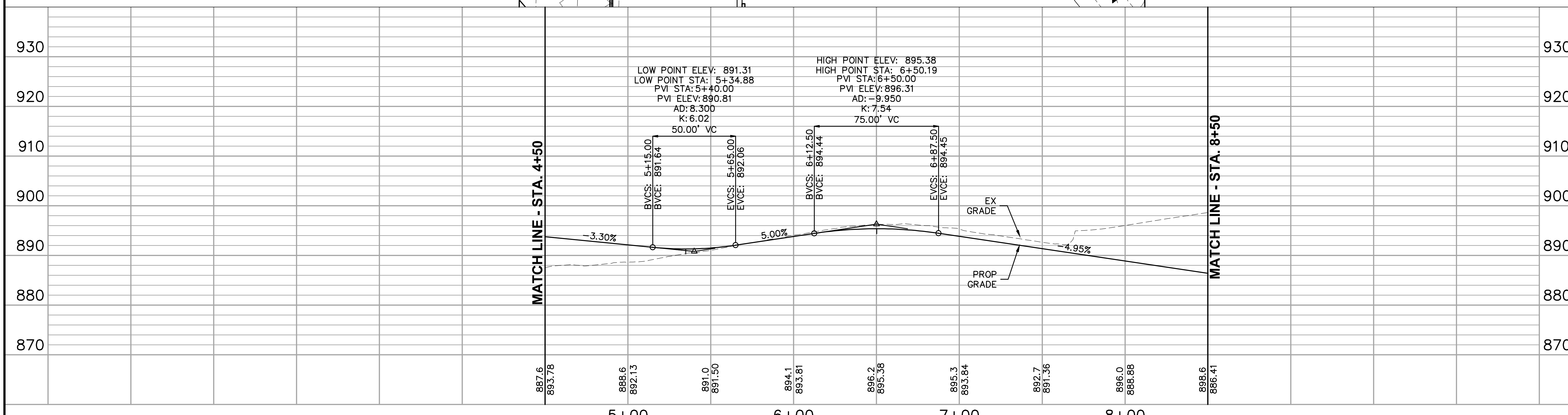
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

SCALE IN FEET
VERTICAL: 0 5 10 20
HORIZONTAL: 0 15 30 60



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

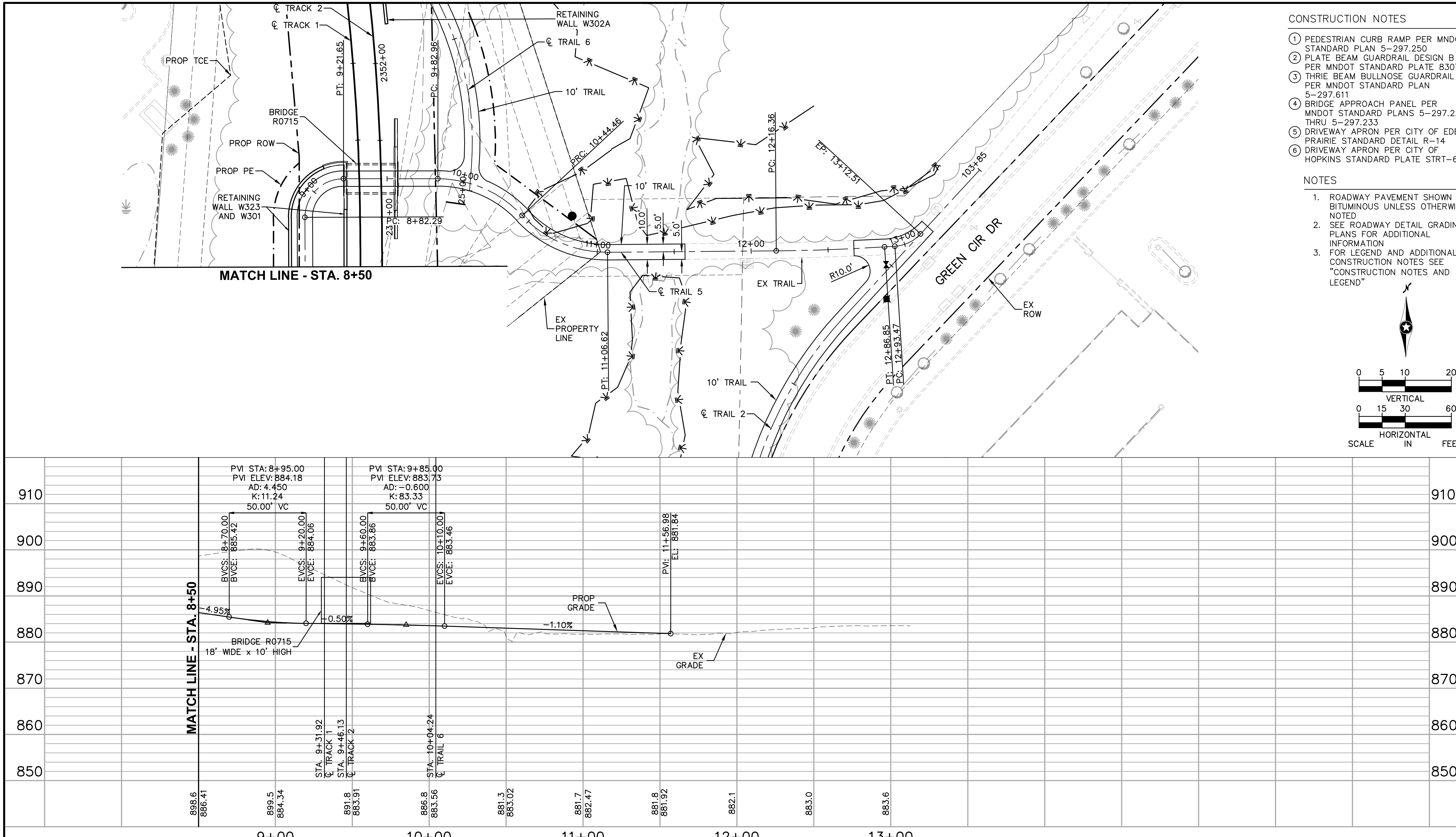
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL 5
PLAN AND PROFILE
STA. 4+50 TO STA. 8+50

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TRL-006



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

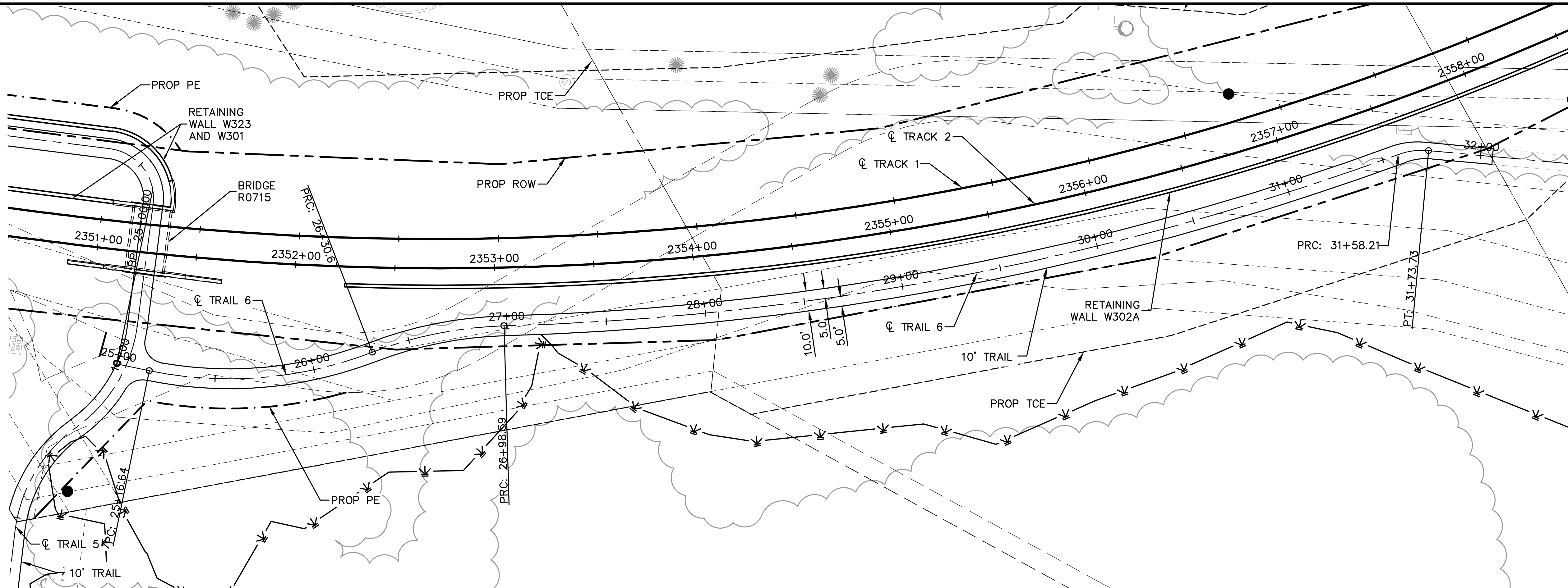
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL 5
PLAN AND PROFILE
STA. 8+50 TO STA. 13+13

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TRL-007



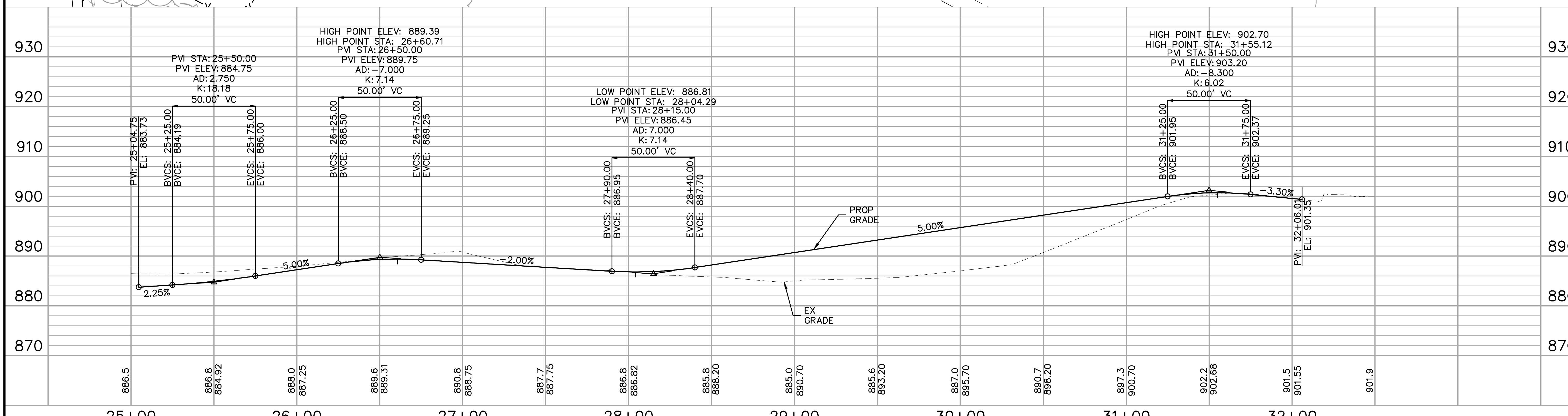
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

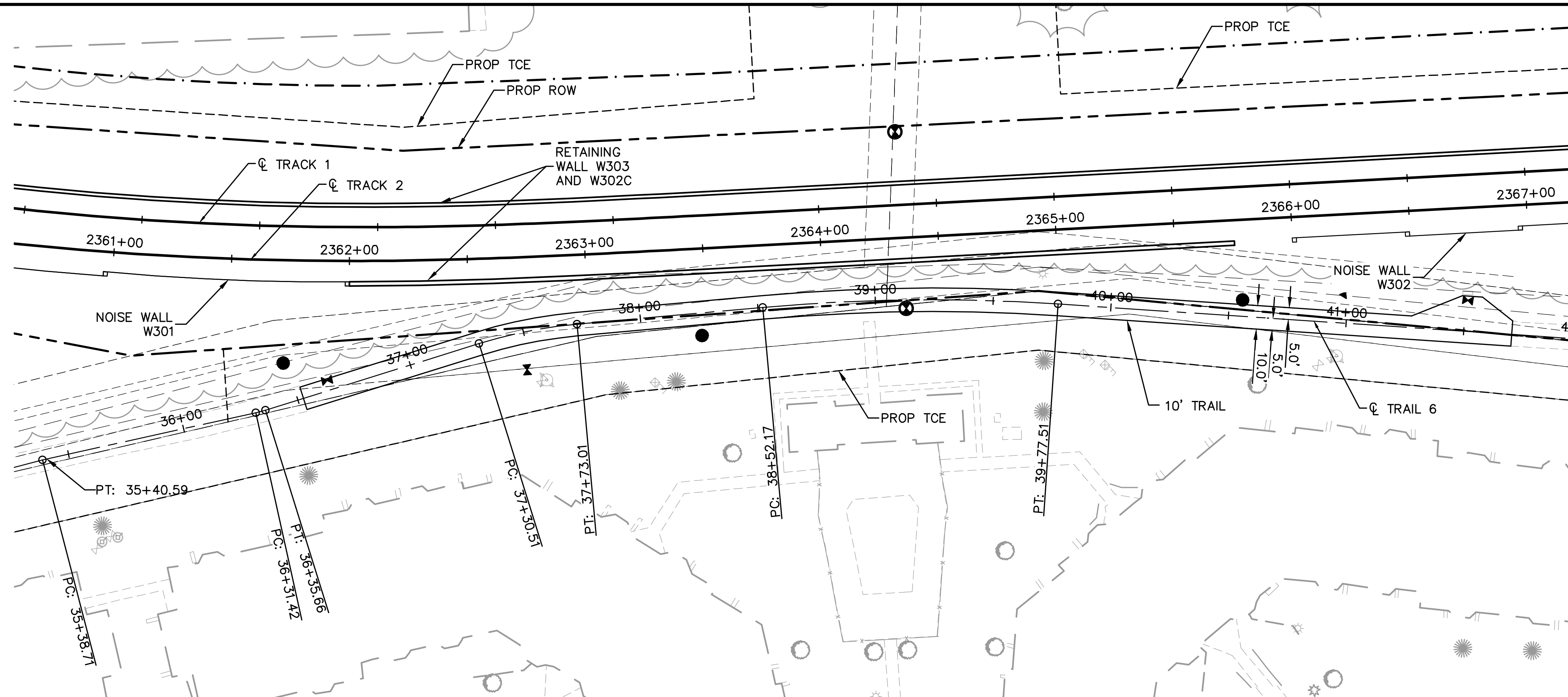
AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
TRAIL 6
PLAN AND PROFILE
STA. 25+00 TO STA. 32+50

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-TRL-008

SHEET 182 OF 302



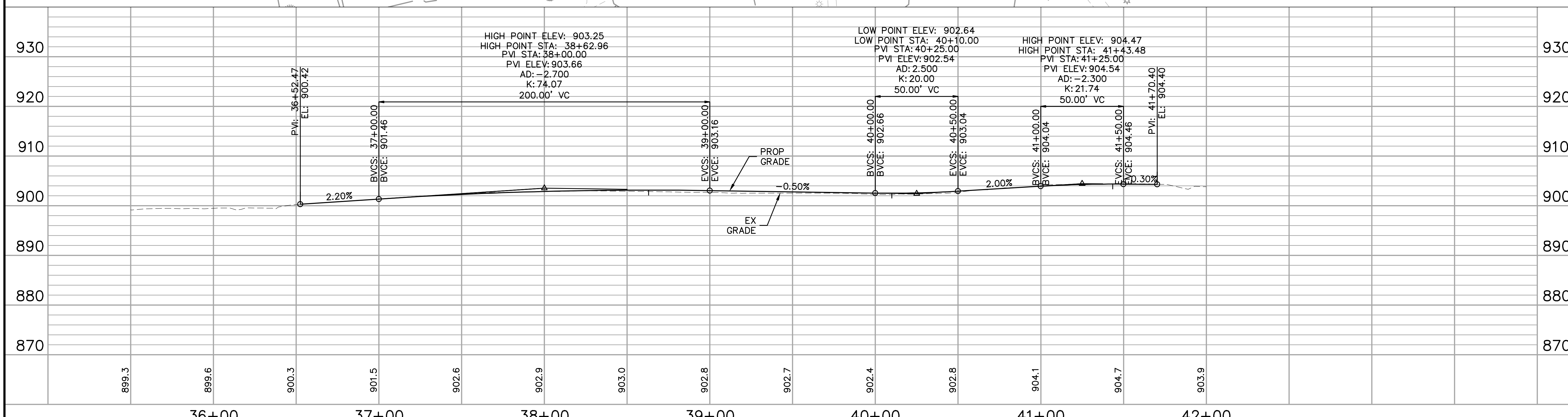
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

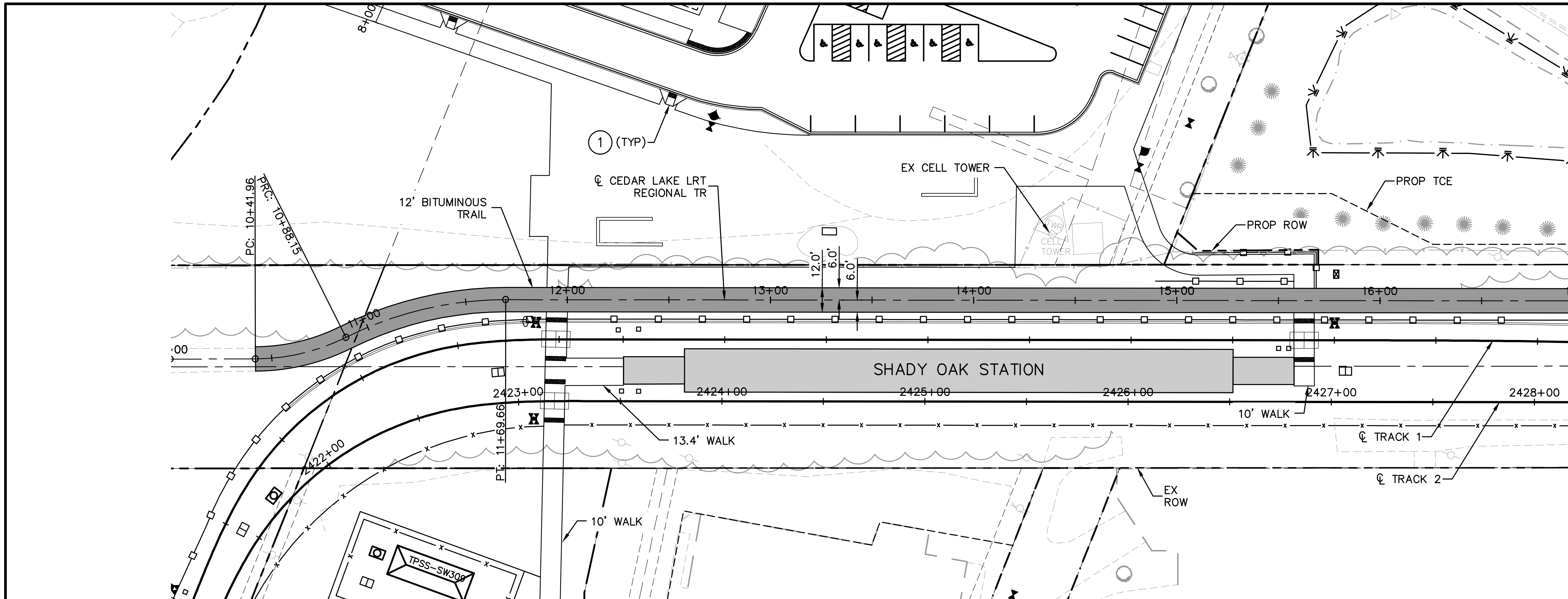
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL 6
PLAN AND PROFILE
STA. 35+50 TO STA. 42+00

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TRL-009



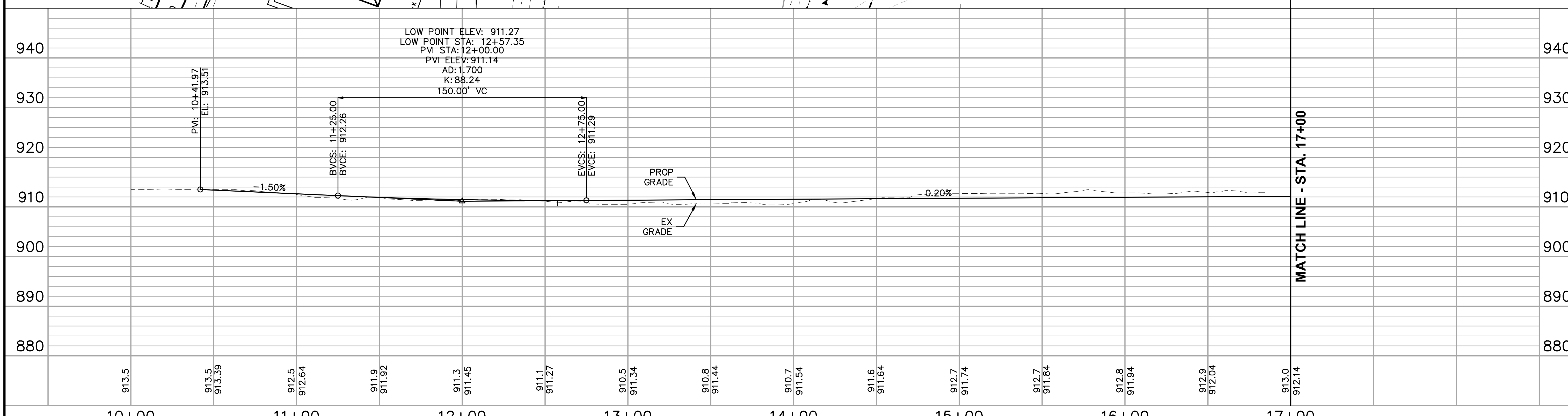
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

SCALE IN FEET: VERTICAL 0 5 10 20; HORIZONTAL 0 15 30 60



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

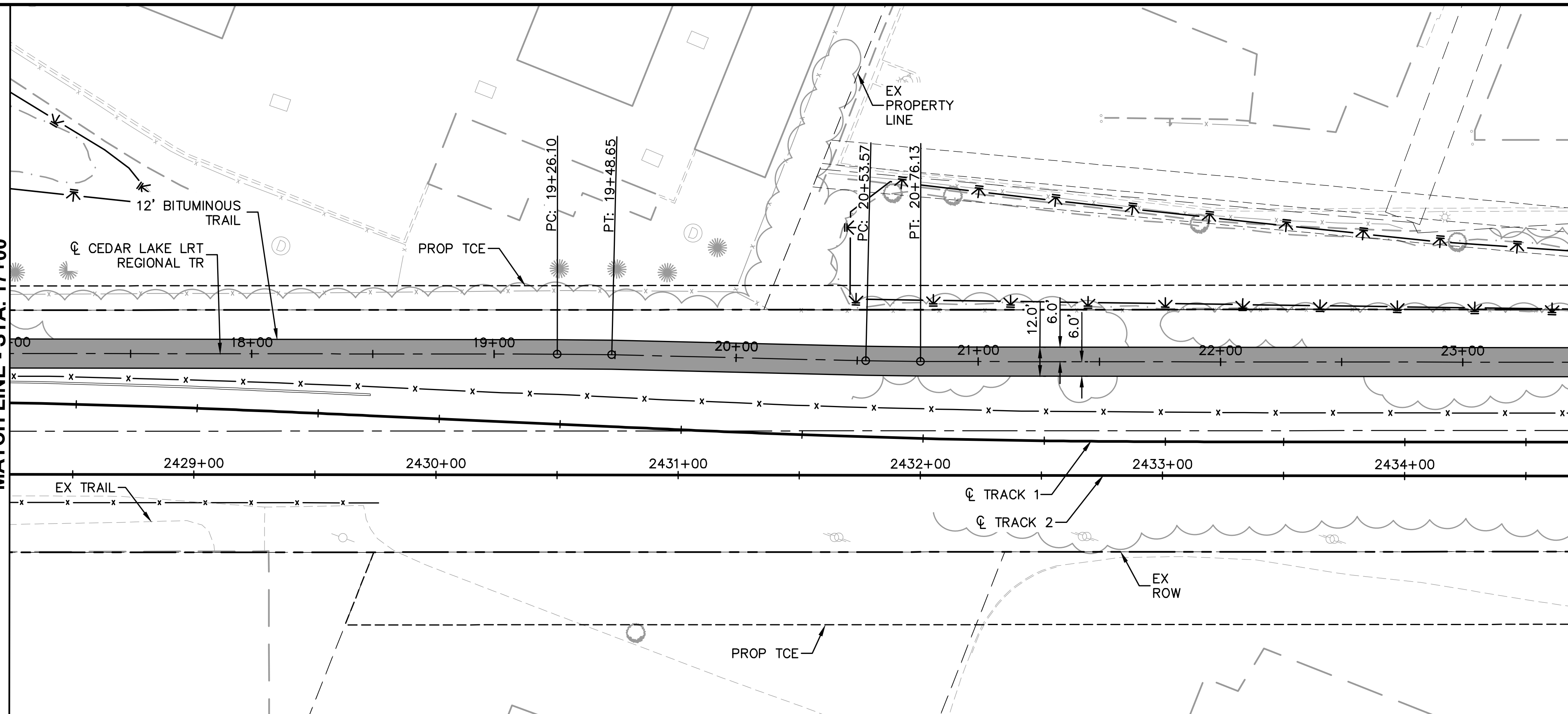
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA. 10+00 TO STA. 17+00

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TRL-010



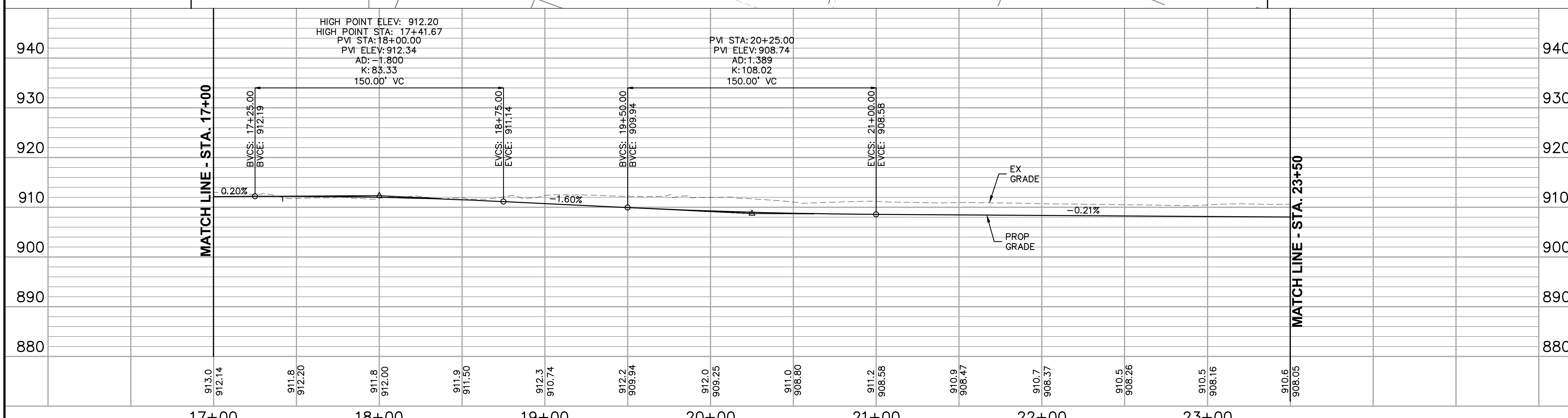
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



Jan. 18 2016 12:02 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-TRL.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

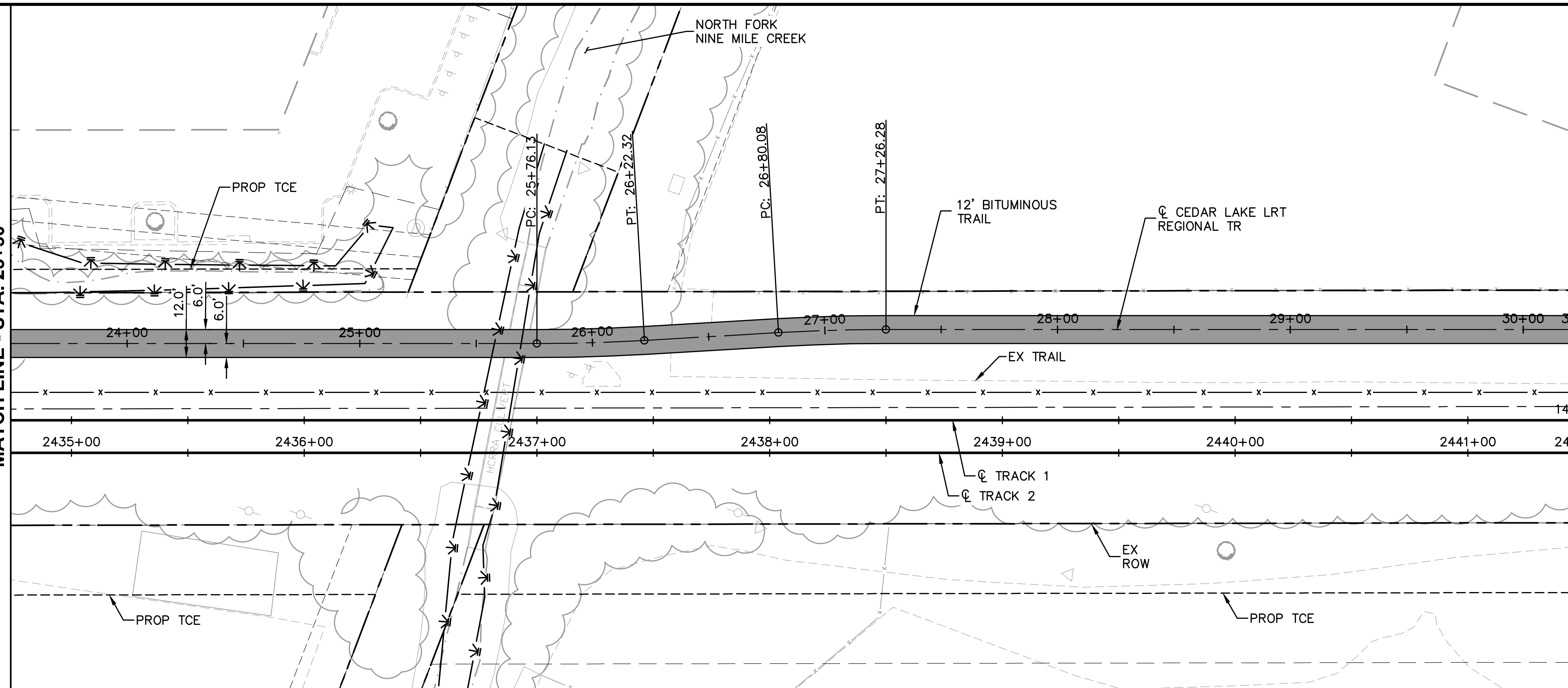
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE STA. 17+00 TO STA. 23+50

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-TRL-011

SHEET 185 OF 302



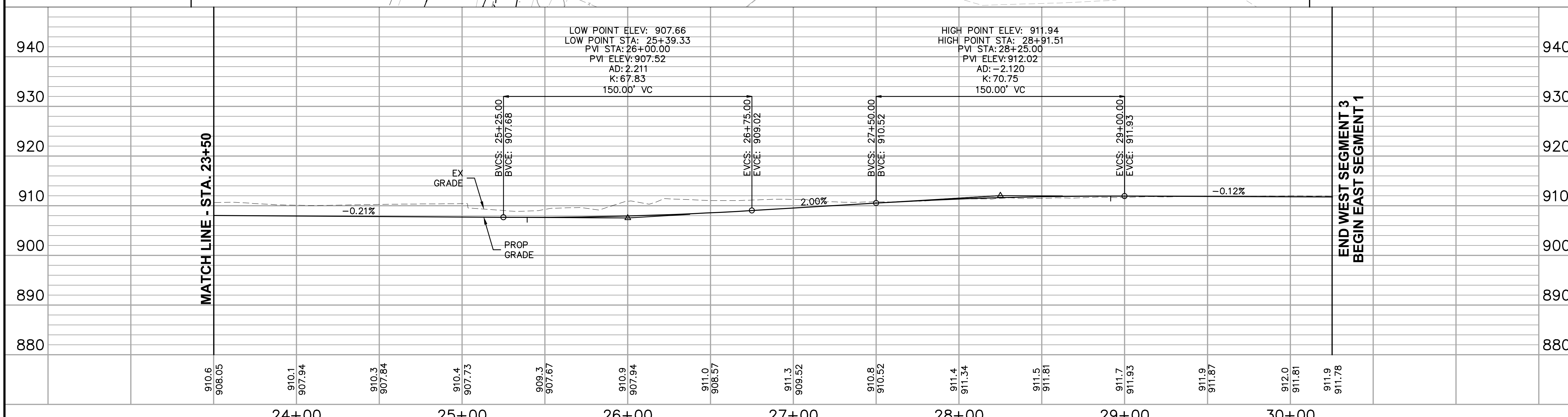
CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

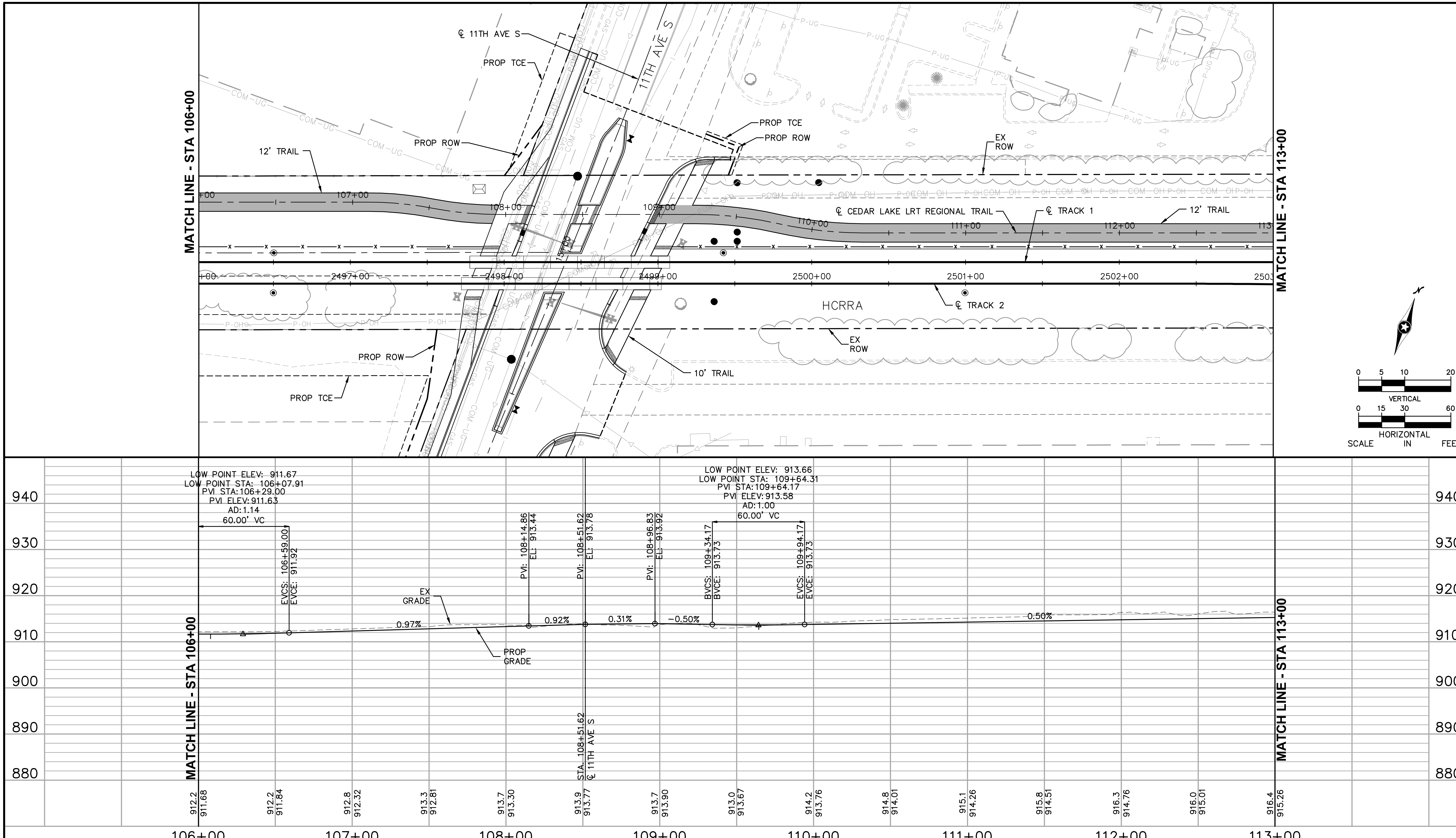
AECOM
SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA. 23+50 TO STA. 30+25

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-TRL-012



Jan. 18 2016 02:38 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

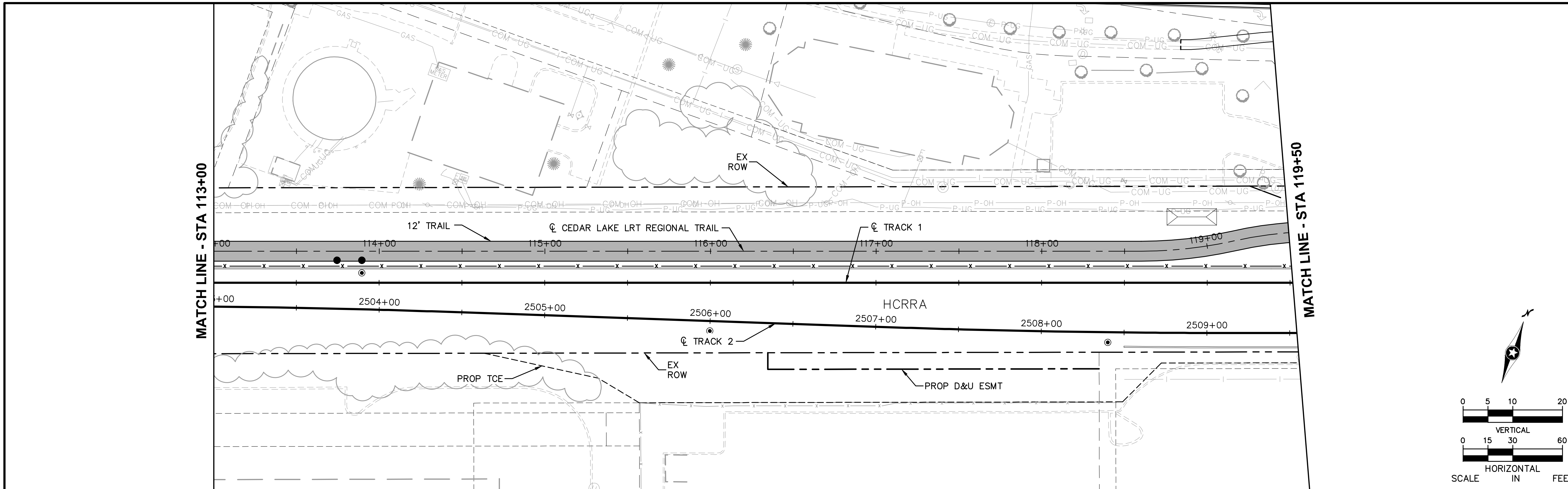
SOUTHWEST Green Line LRT Extension

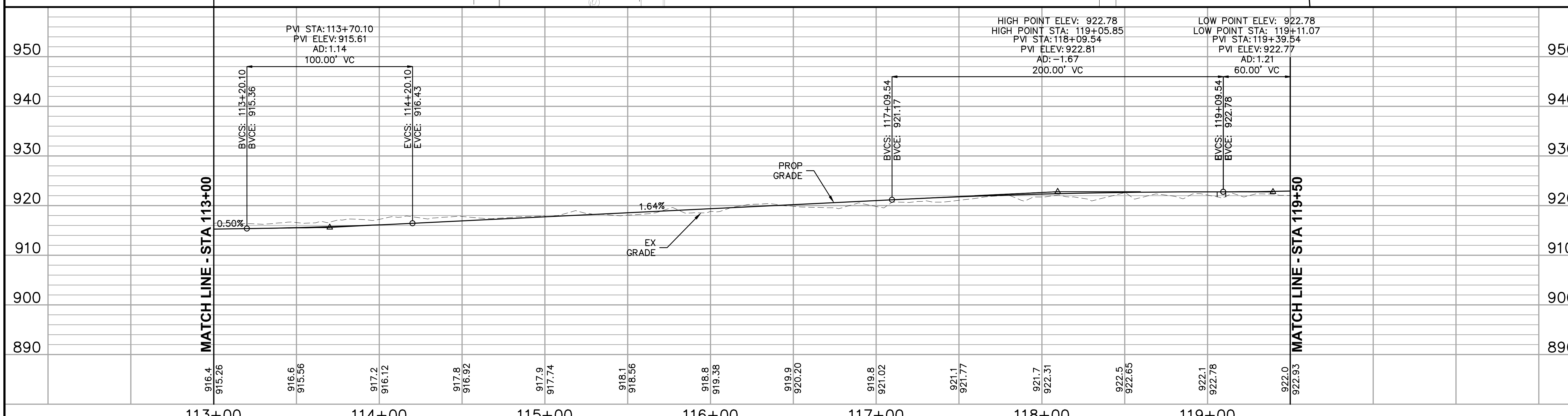
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 106+00 TO STA 113+00

DISCIPLINE: TRAIL

SHEET NAME: E1-TRL-PRF - 001

SHEET 187 OF 302





Jan, 18 2016 05:52 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-JohnsoWD

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

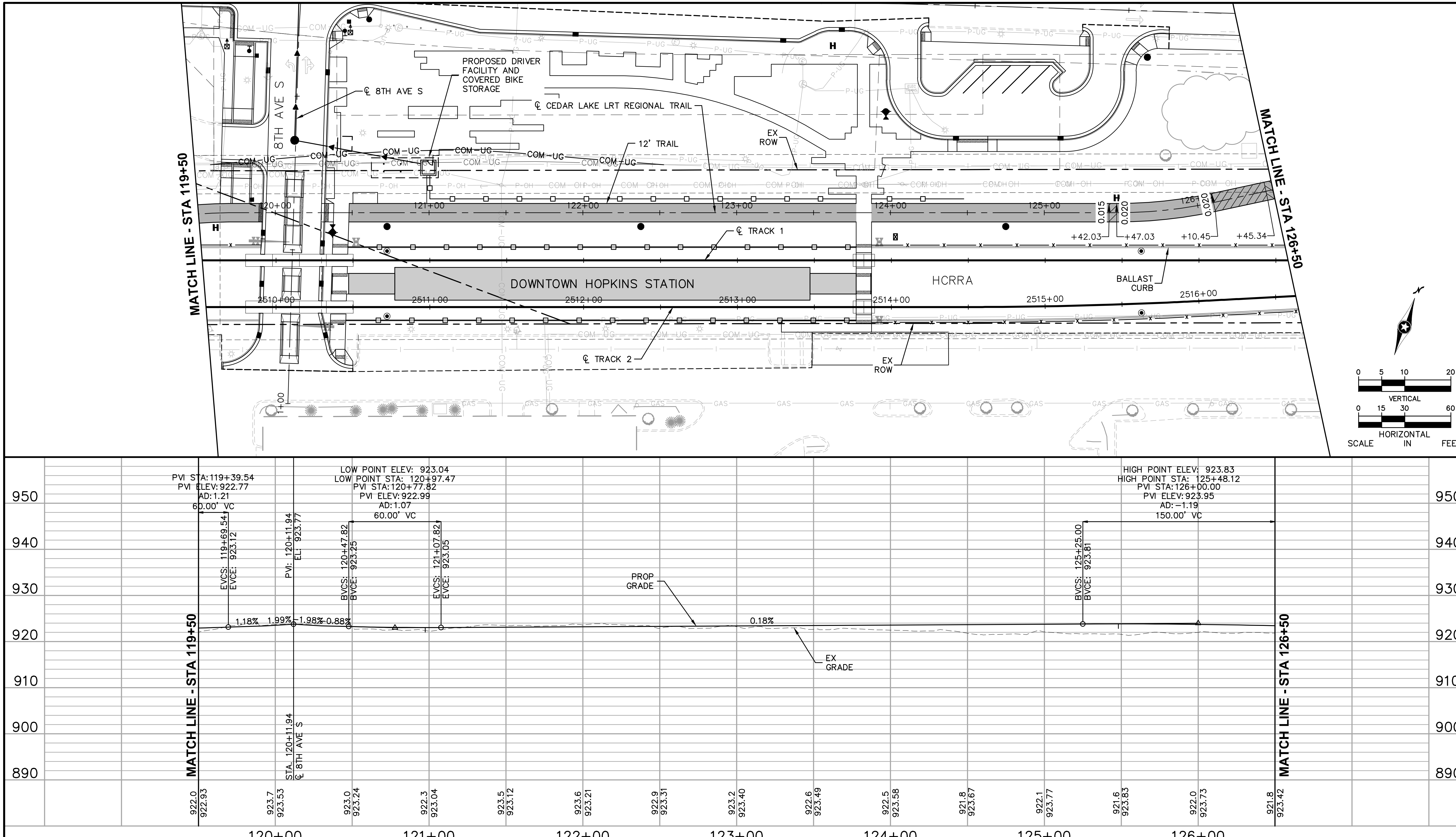
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 113+00 TO STA 119+50

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 002



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

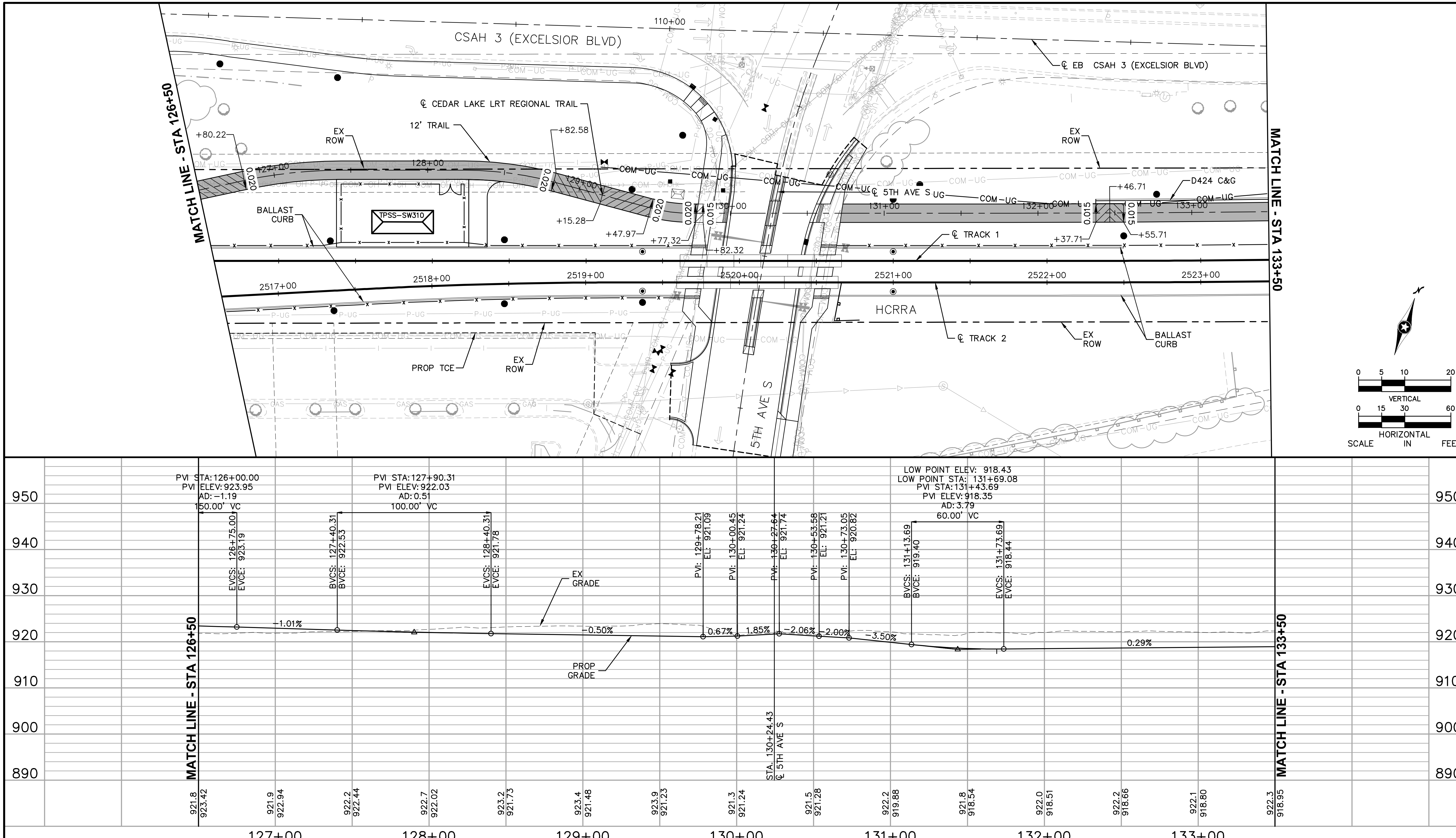
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 119+50 TO STA 126+50

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 003



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

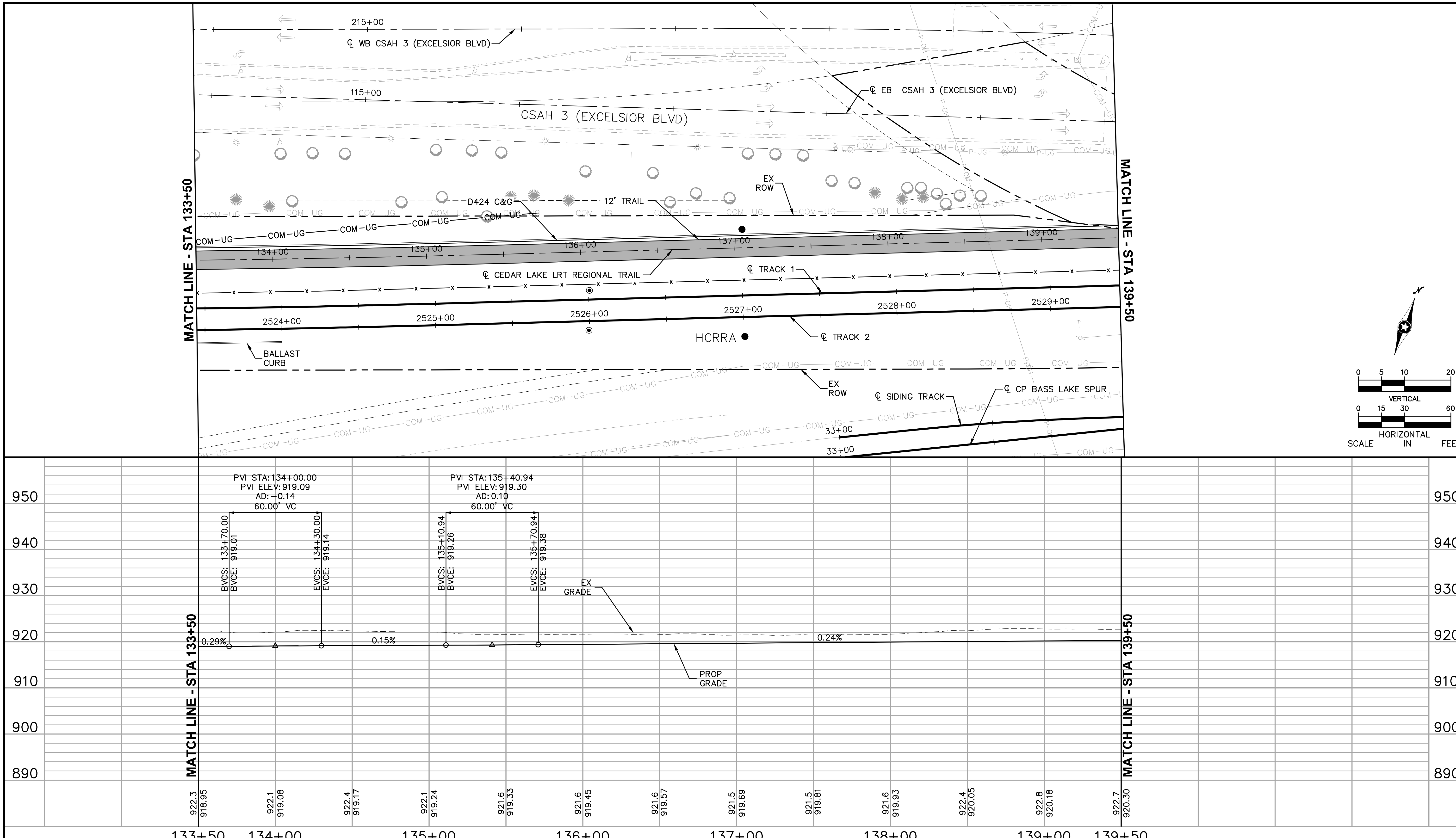
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 126+50 TO STA 133+50

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 004



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

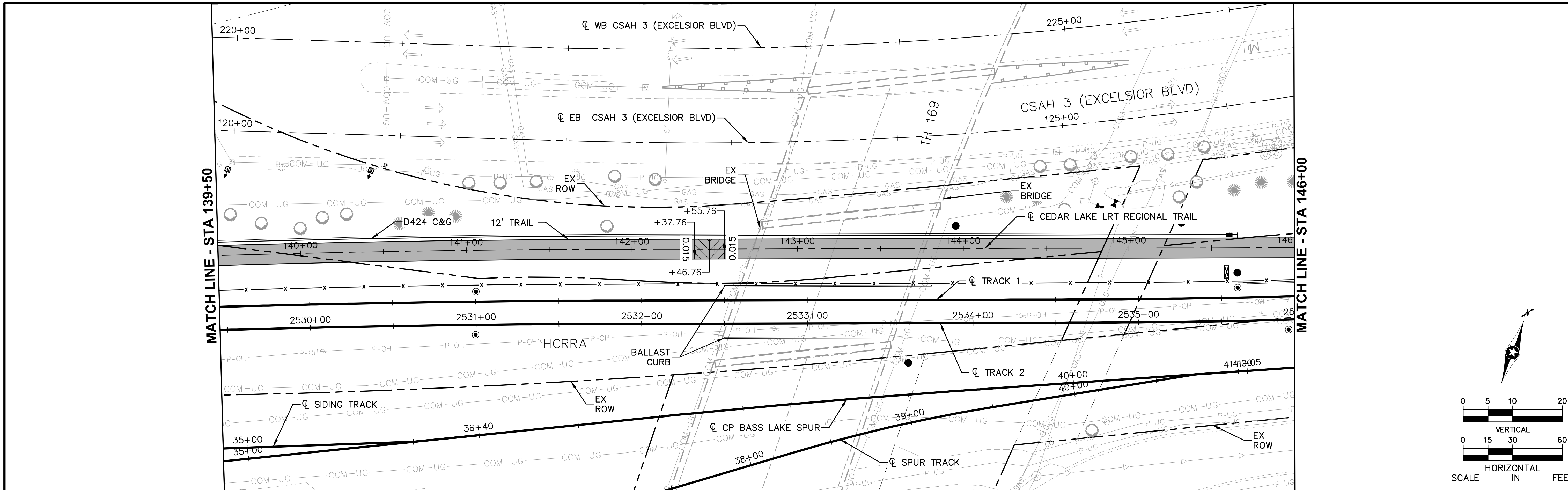
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 133+50 TO STA 139+50

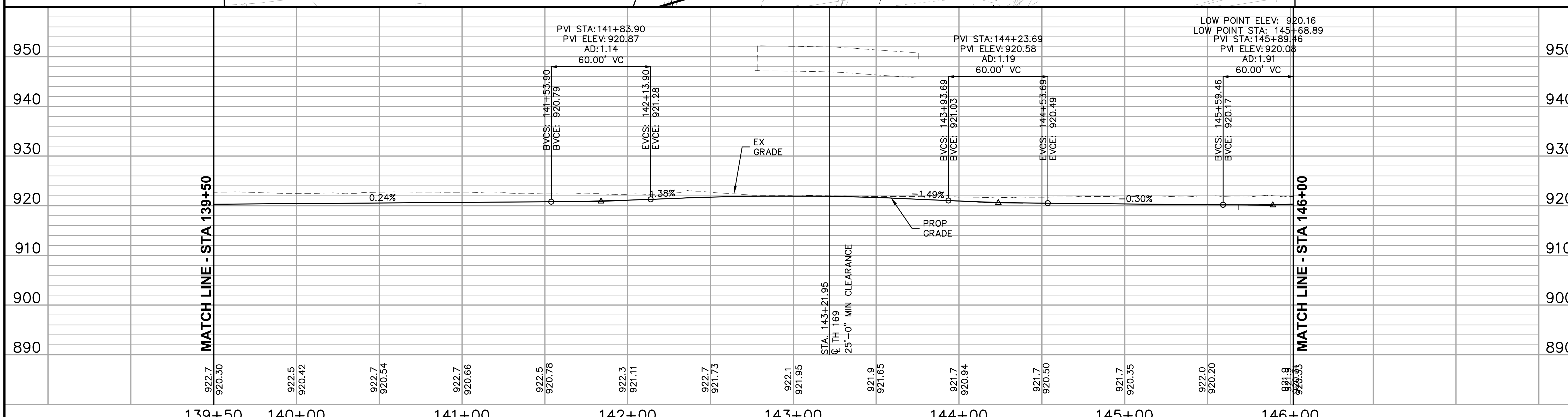
DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 005

SHEET 191 OF 302

Jan, 18 2016 02:16 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

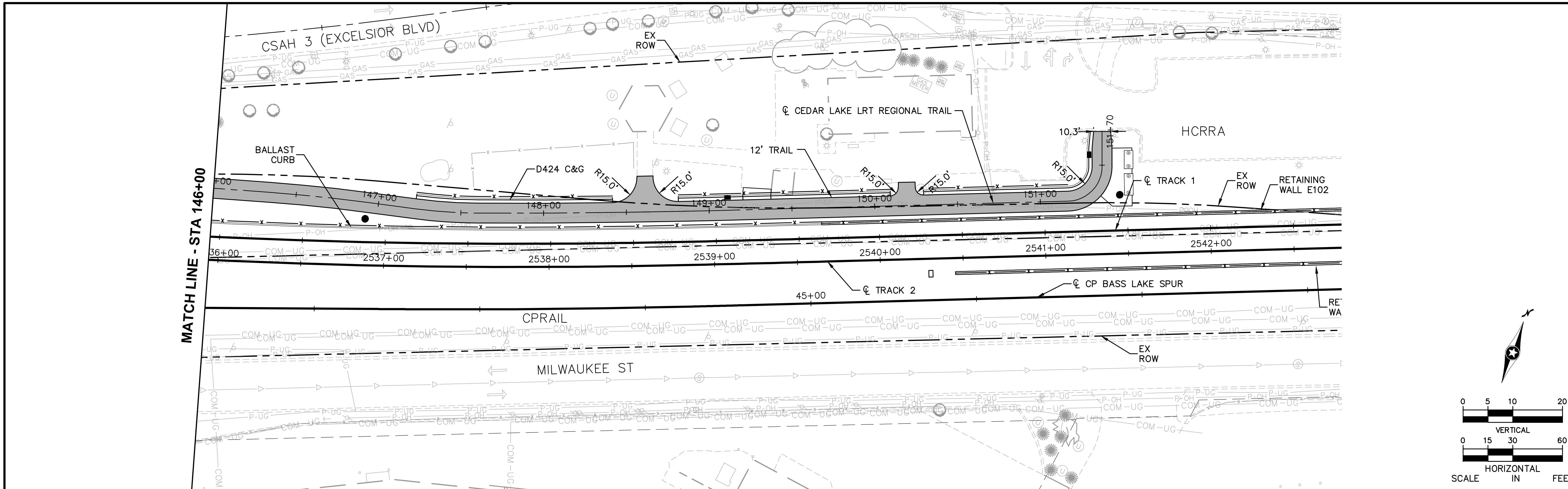
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 139+50 TO STA 146+00

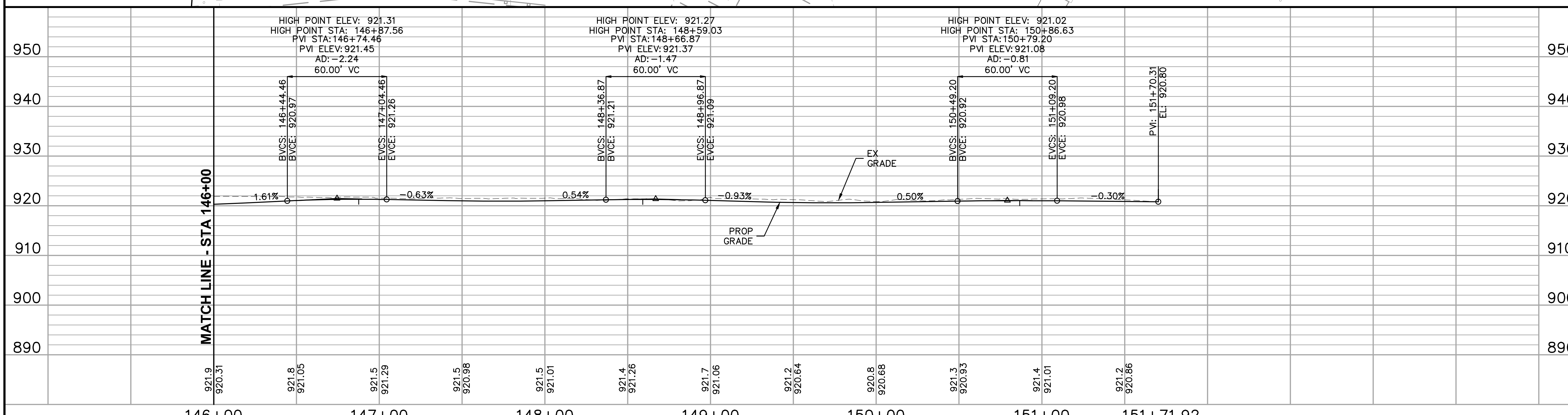
DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 006

SHEET 192 OF 302

Jan, 18 2016 02:18 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

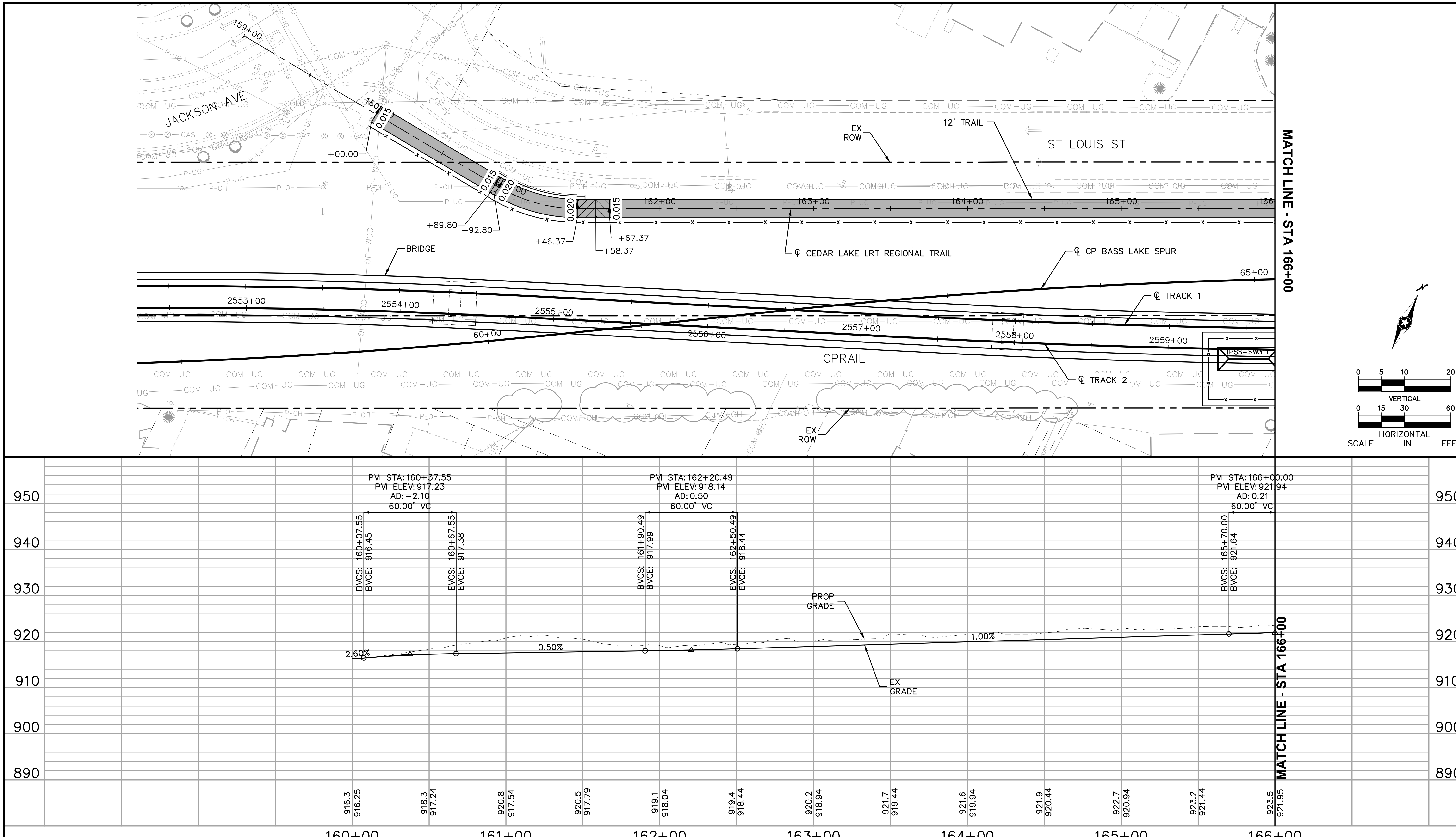
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 146+00 TO STA 151+72

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 007



Jan, 18 2016 02:21 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

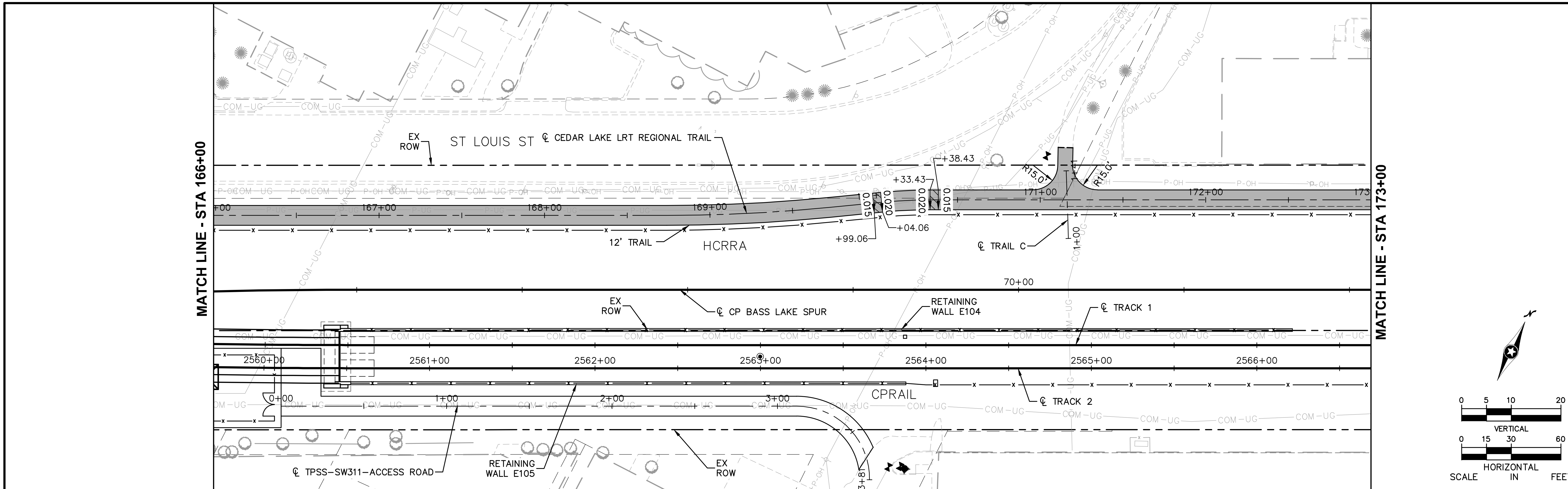
METROPOLITAN COUNCIL

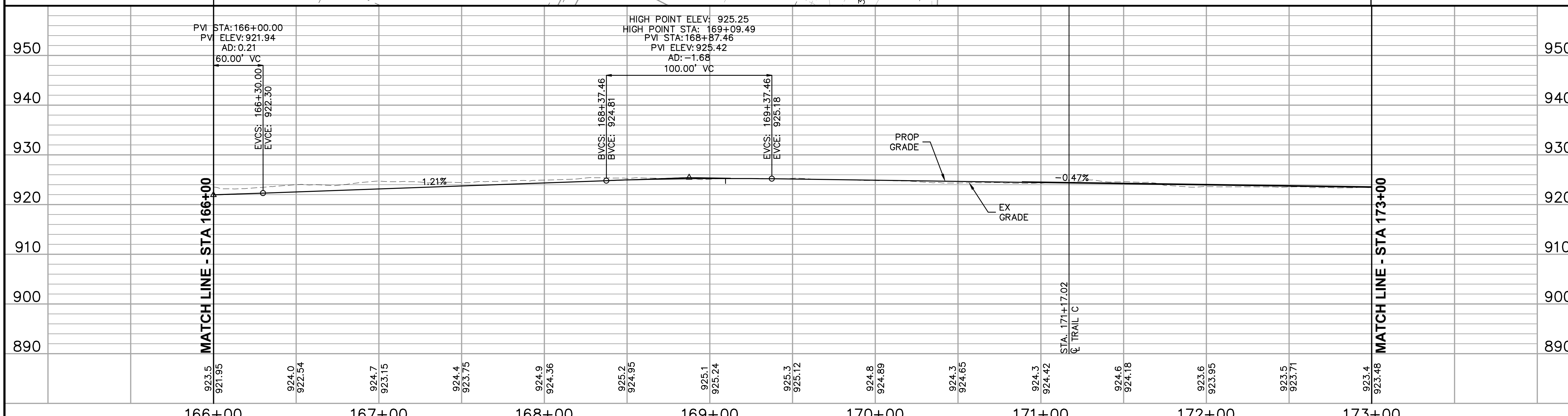
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 160+00 TO STA 166+00

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 008





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

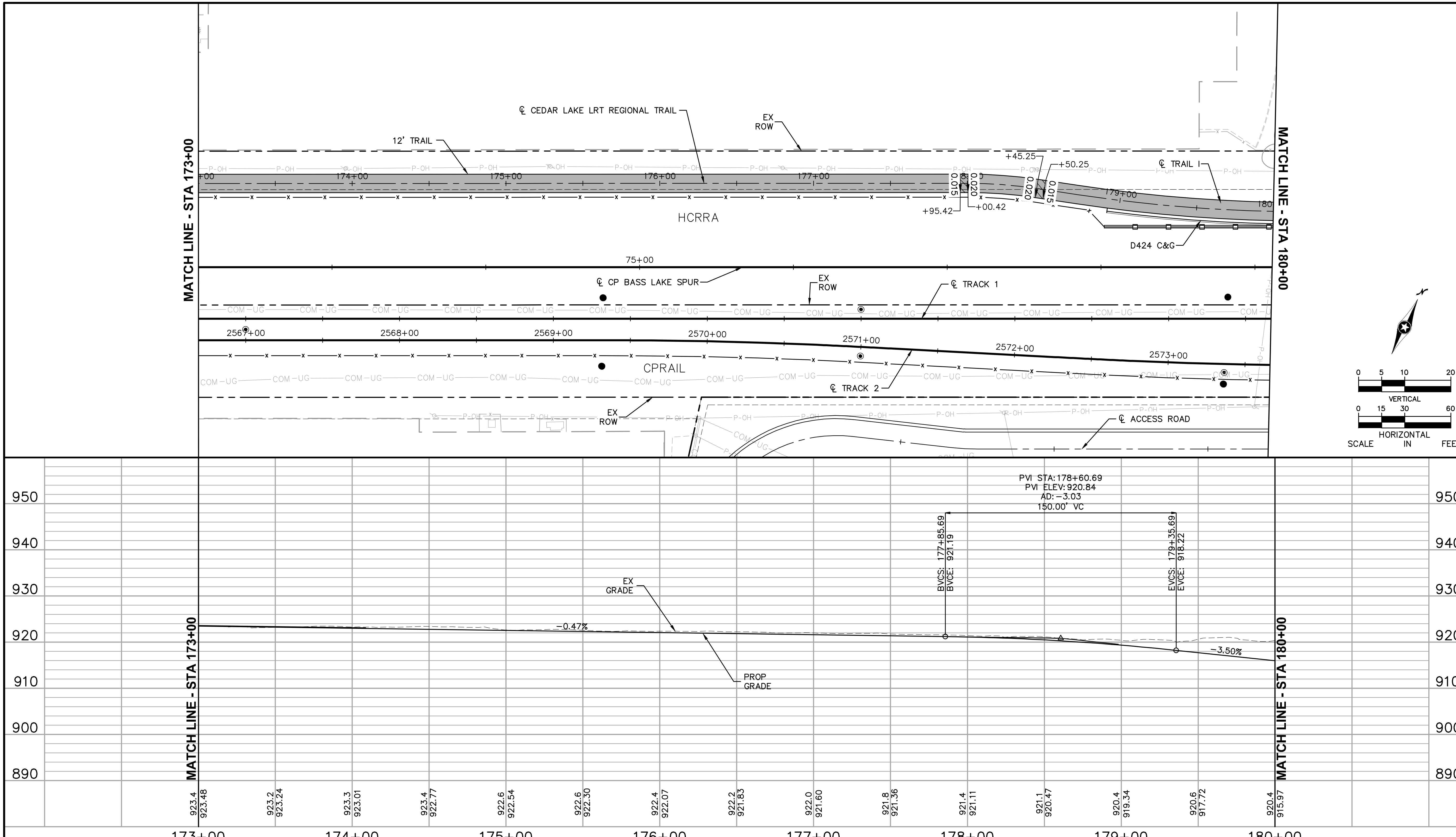
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 166+00 TO STA 173+00

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 009



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

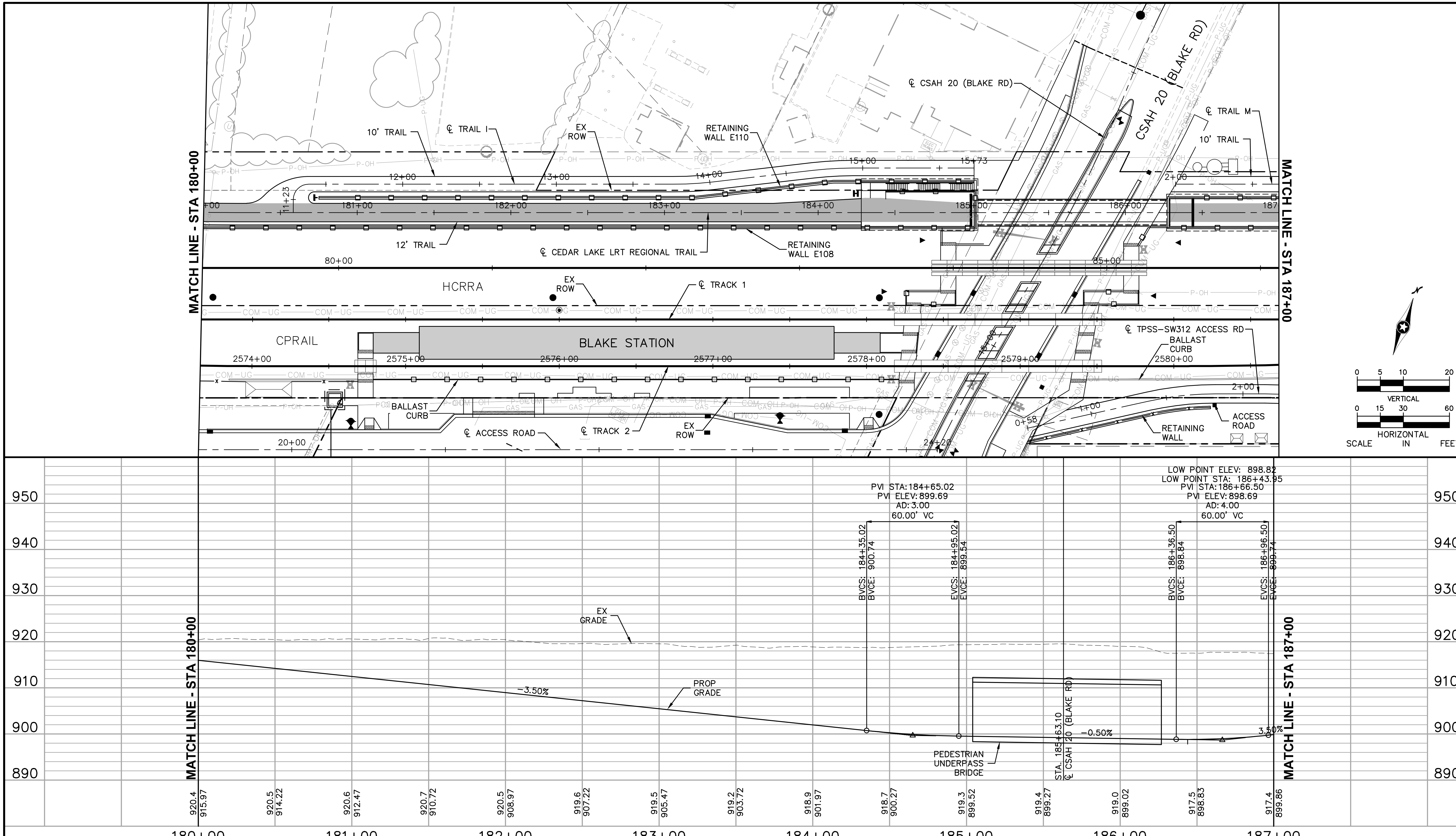
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 173+00 TO STA 180+00

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 010

Jan, 18 2016 02:22 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG



Jan. 18 2016 02:23 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

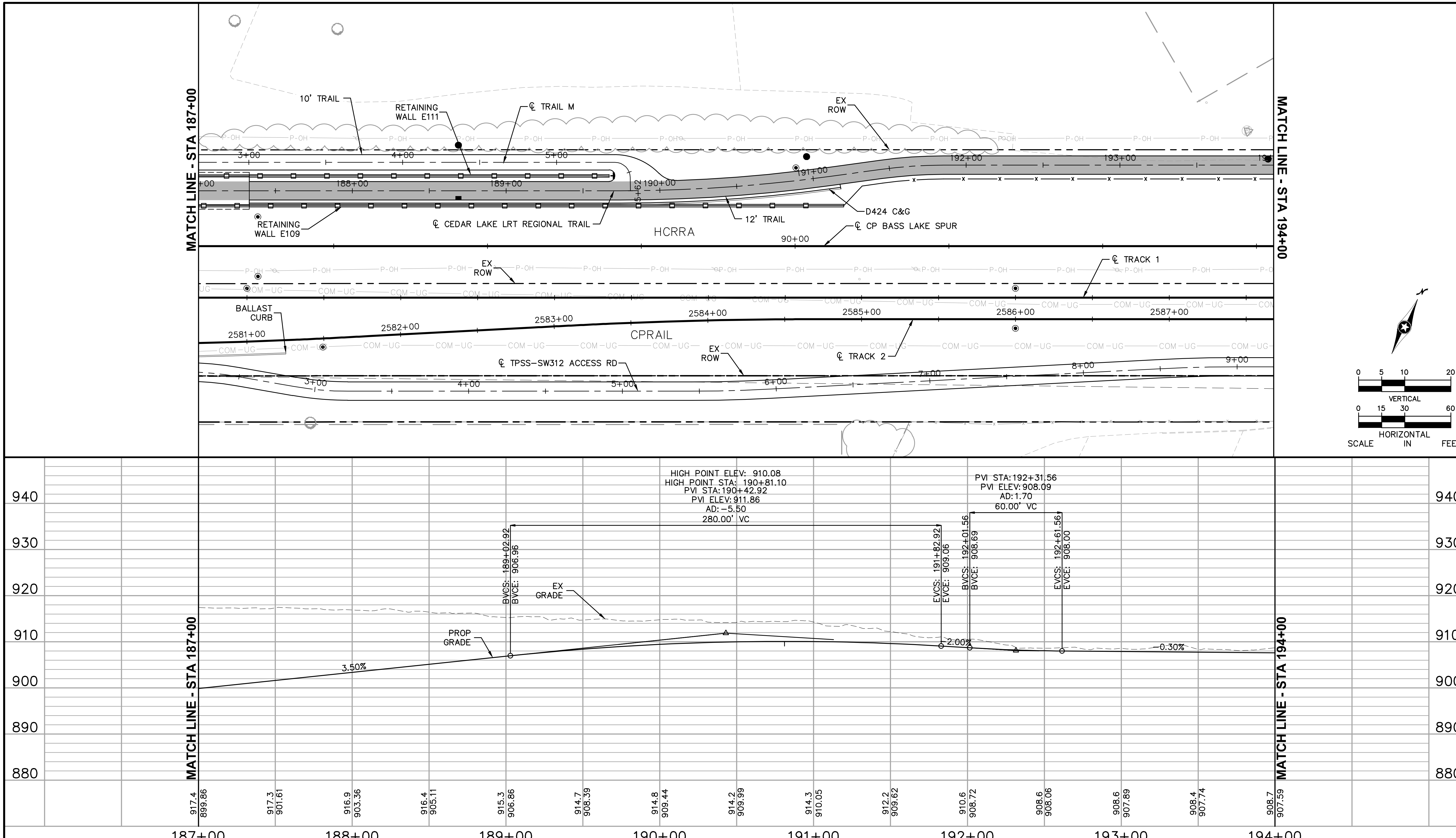
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 180+00 TO STA 187+00

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 011

SHEET 197 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

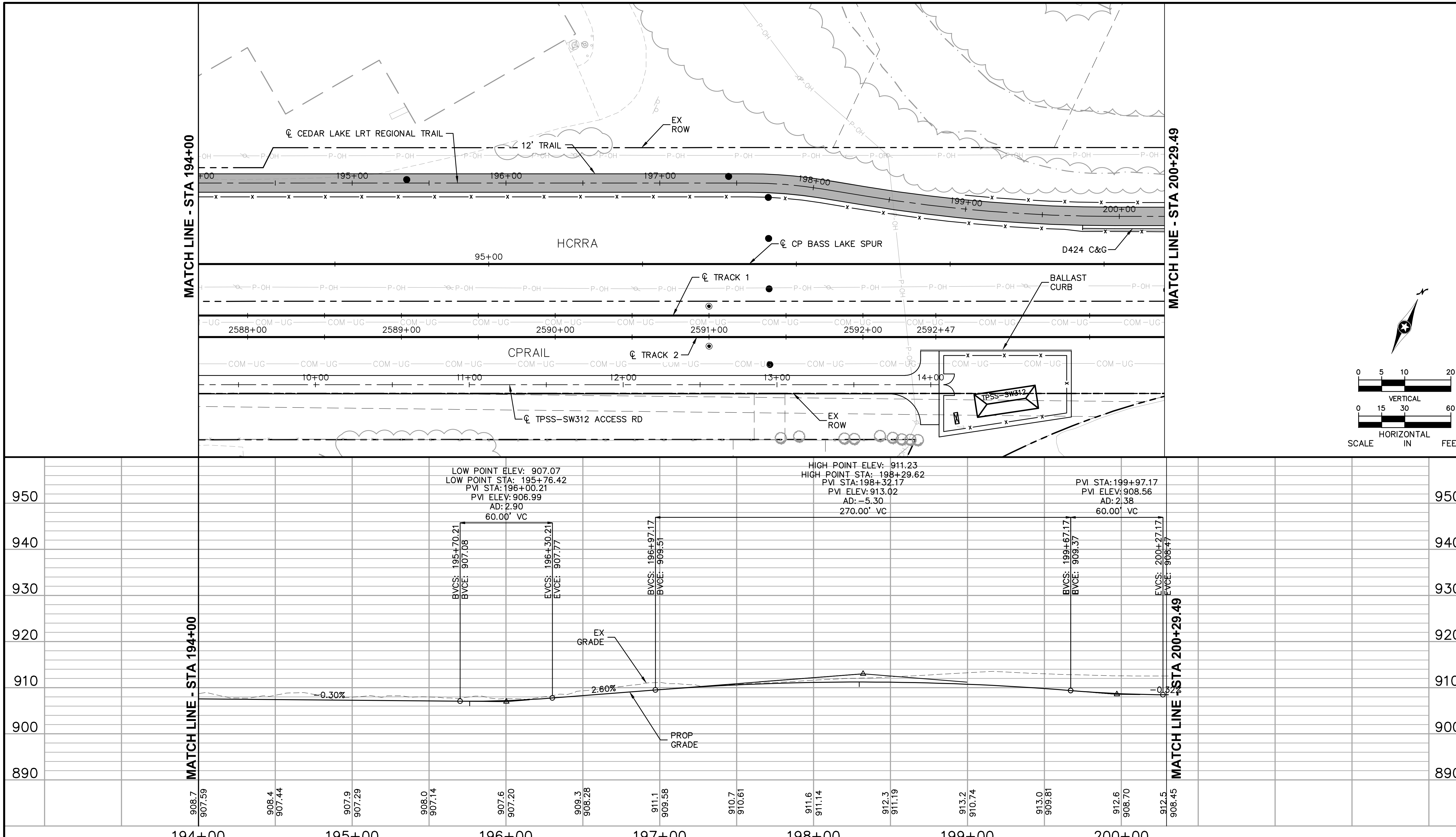
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 187+00 TO STA 194+00

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 012

SHEET 198 OF 302

Jan. 18 2016 02:25 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG



Jan. 18 2016 02:26 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

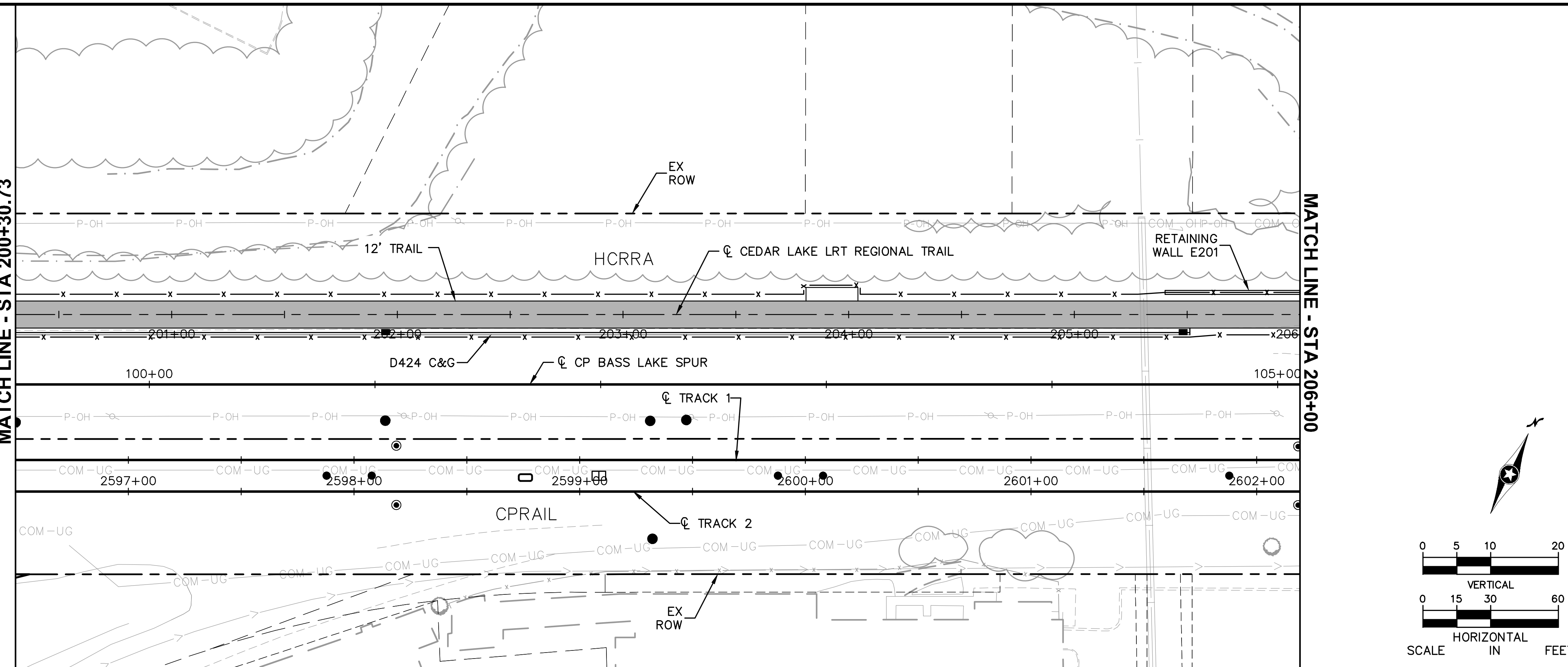
METROPOLITAN COUNCIL

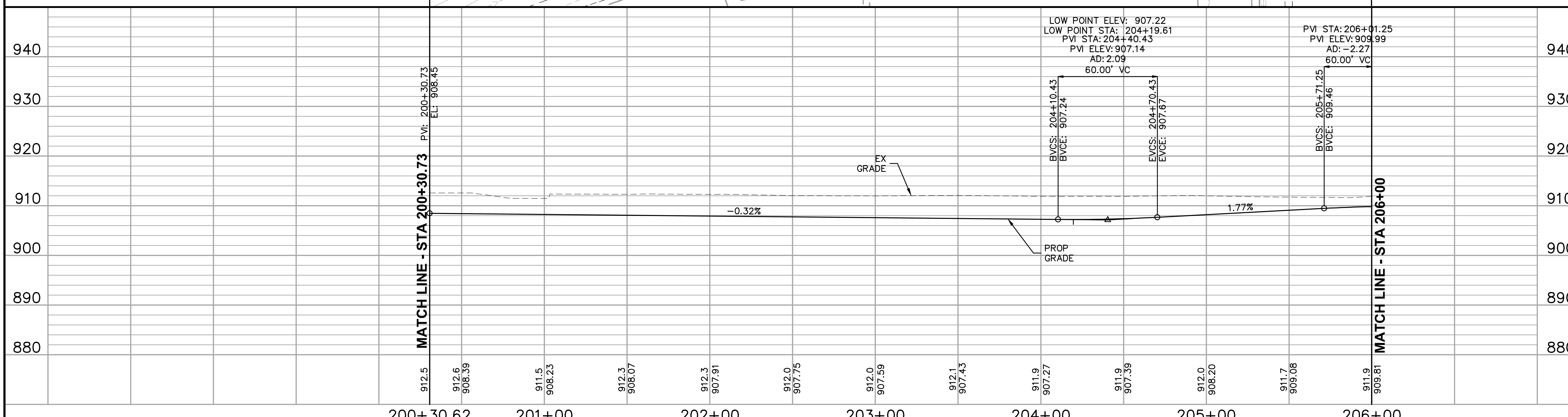
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 194+00 TO STA 200+29.49

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 013





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

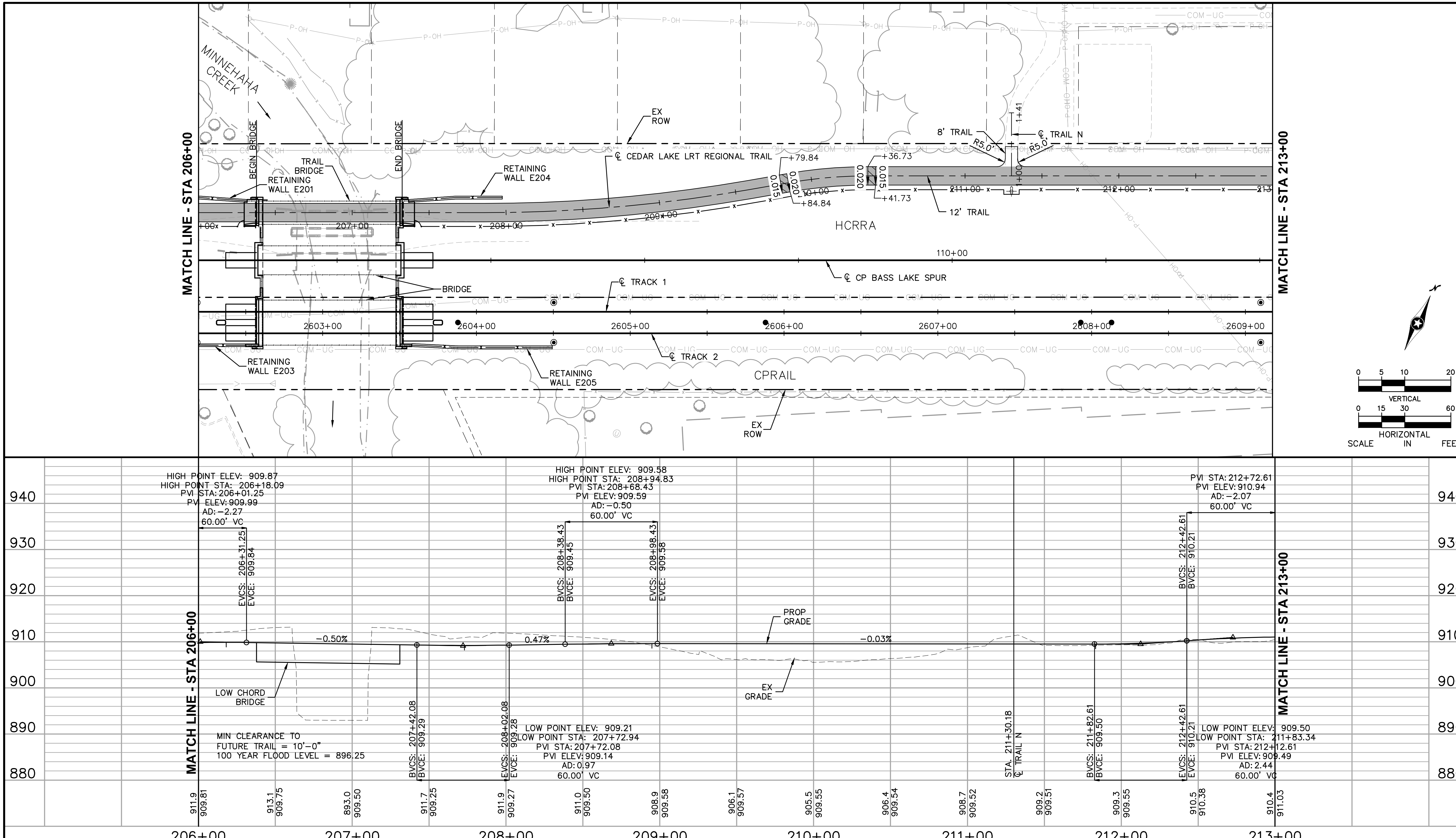
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 200+30.73 TO STA 206+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 001



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

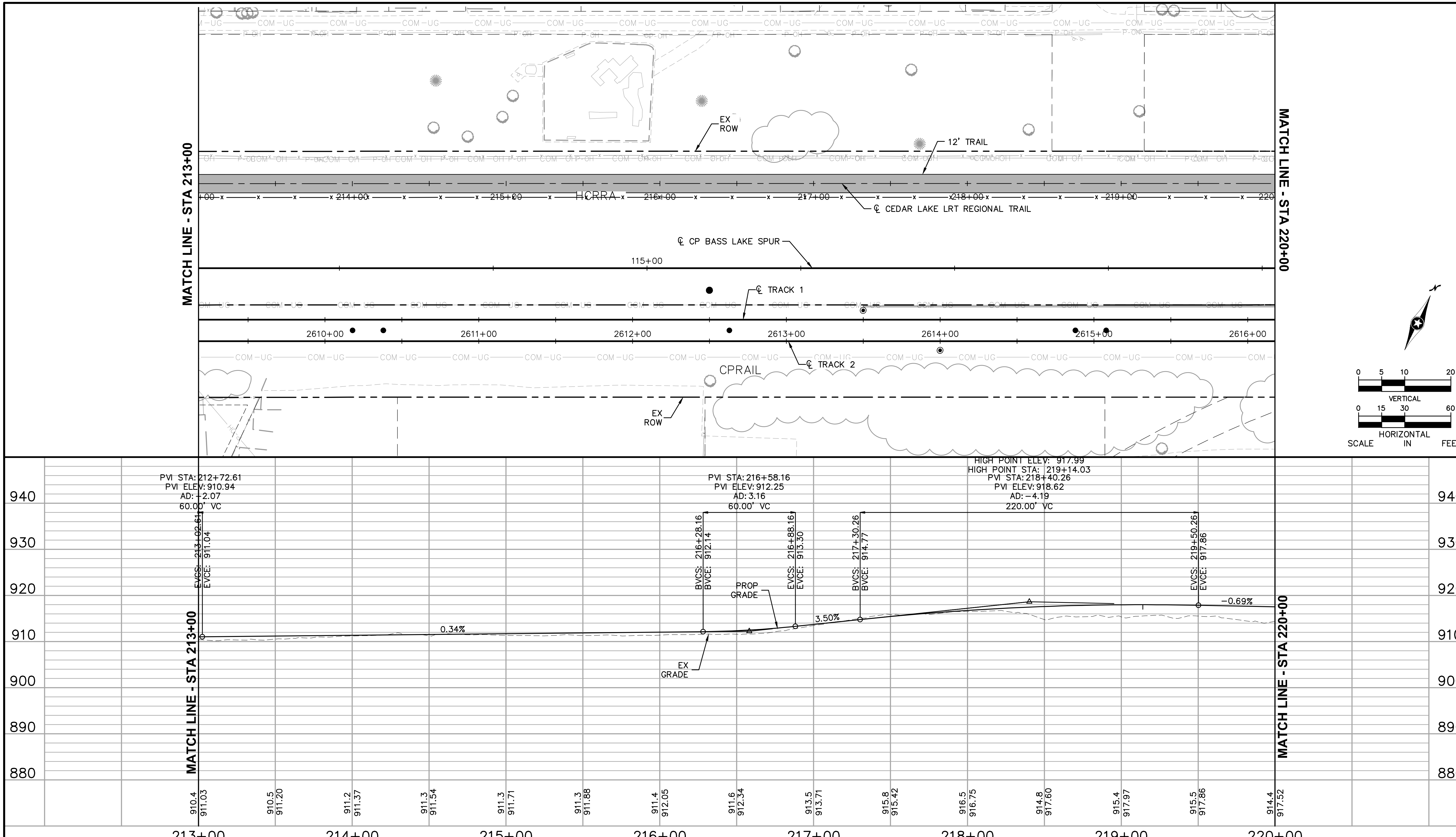
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 206+00 TO STA 213+00

SHEET 201 OF 302

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 002

Jan. 18 2016 05:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

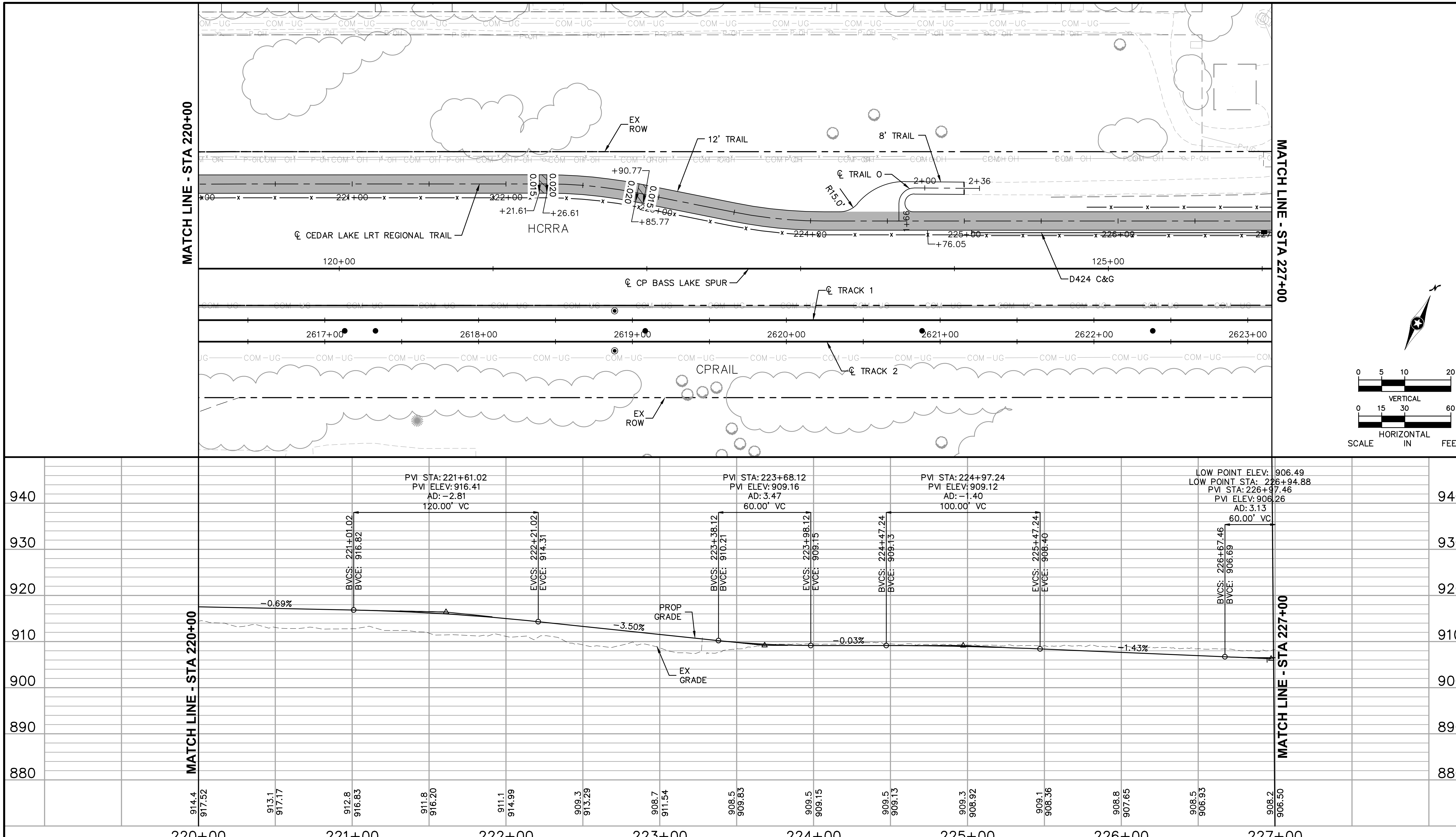
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 213+00 TO STA 220+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 003

SHEET 202 OF 302

Jan, 18 2016 05:08 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd



Jan, 18 2016 05:09 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

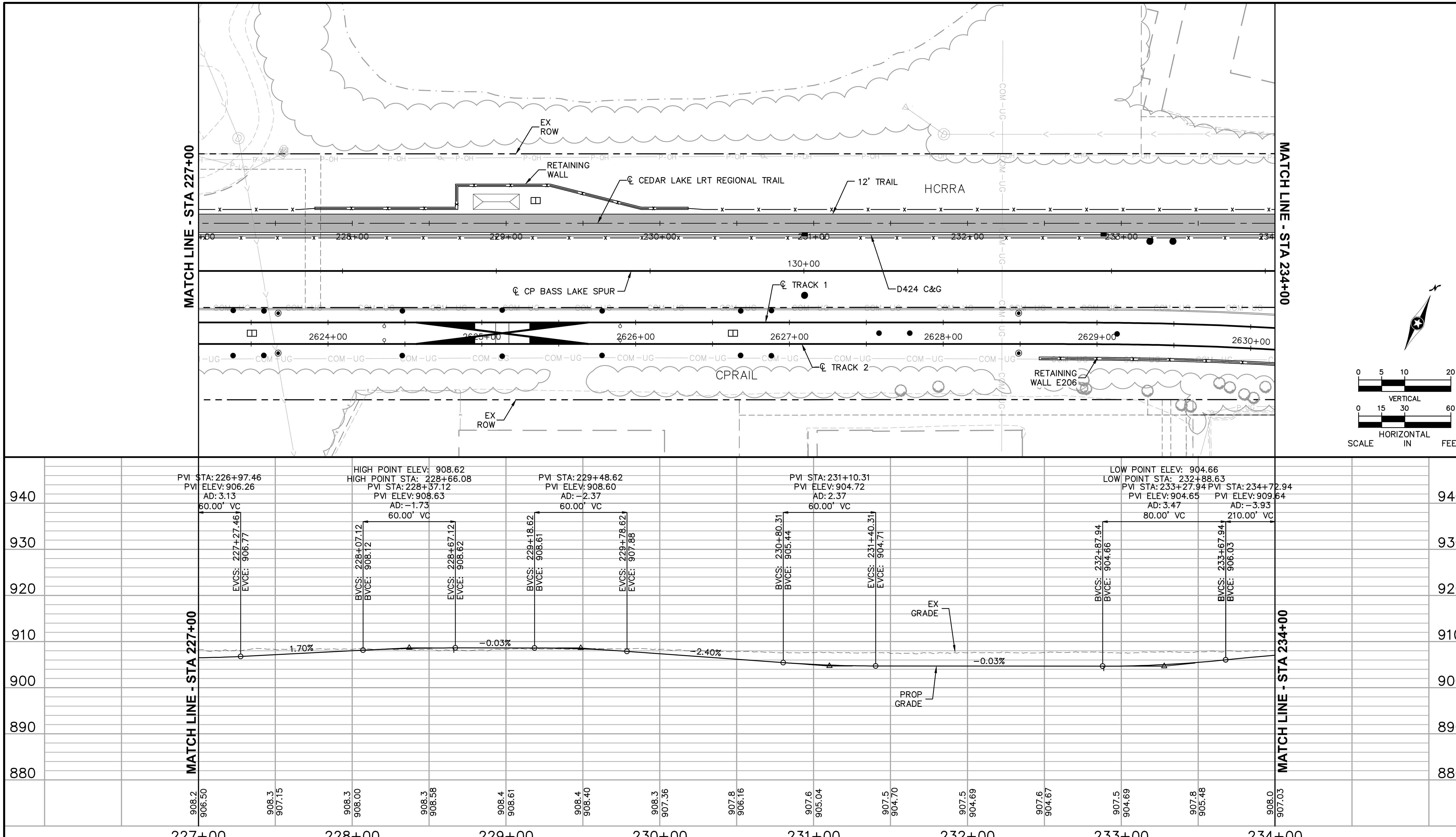
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 220+00 TO STA 227+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 004



Jan, 18 2016 05:11 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

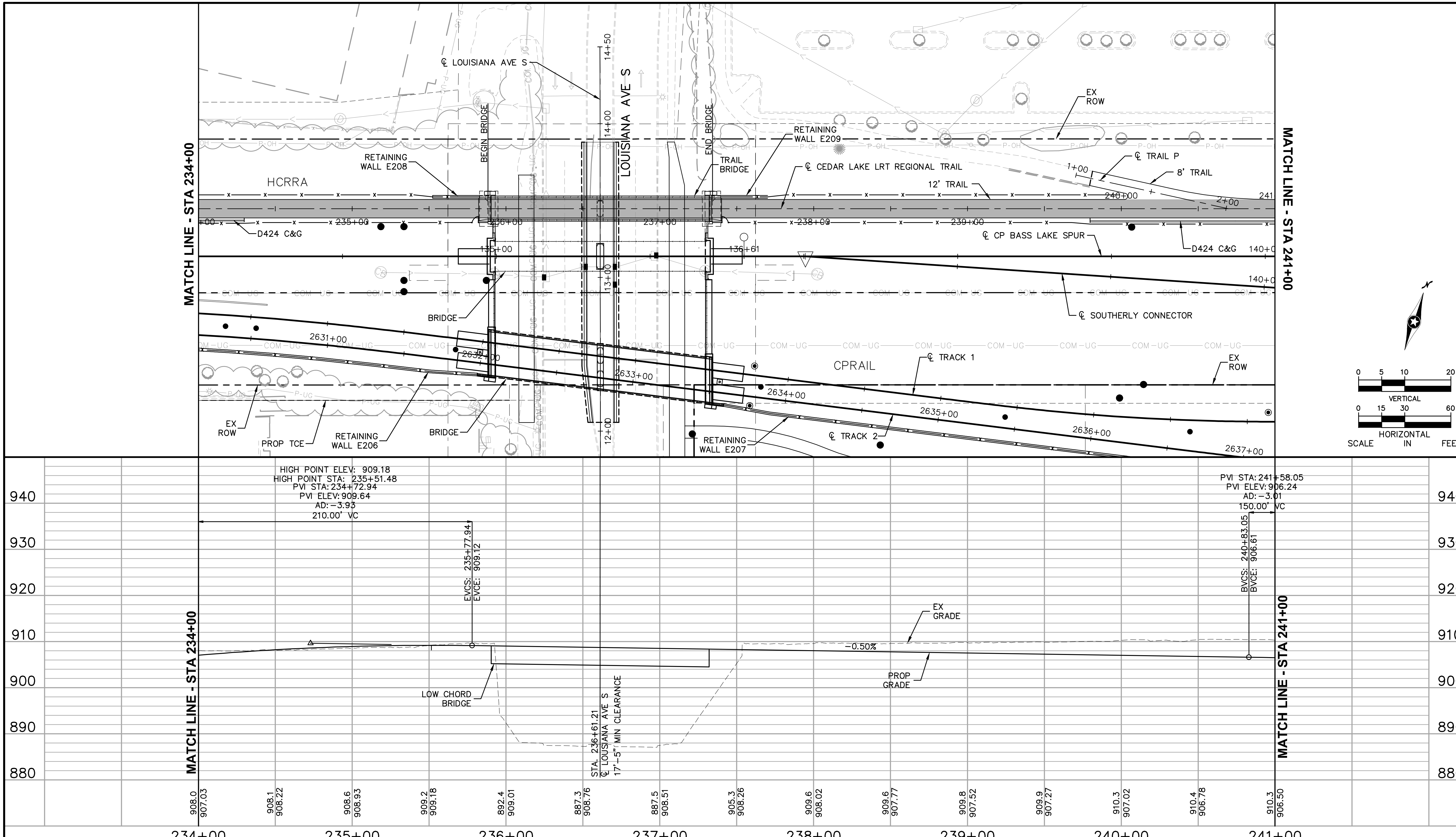
90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 227+00 TO STA 234+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 005

SHEET 204 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

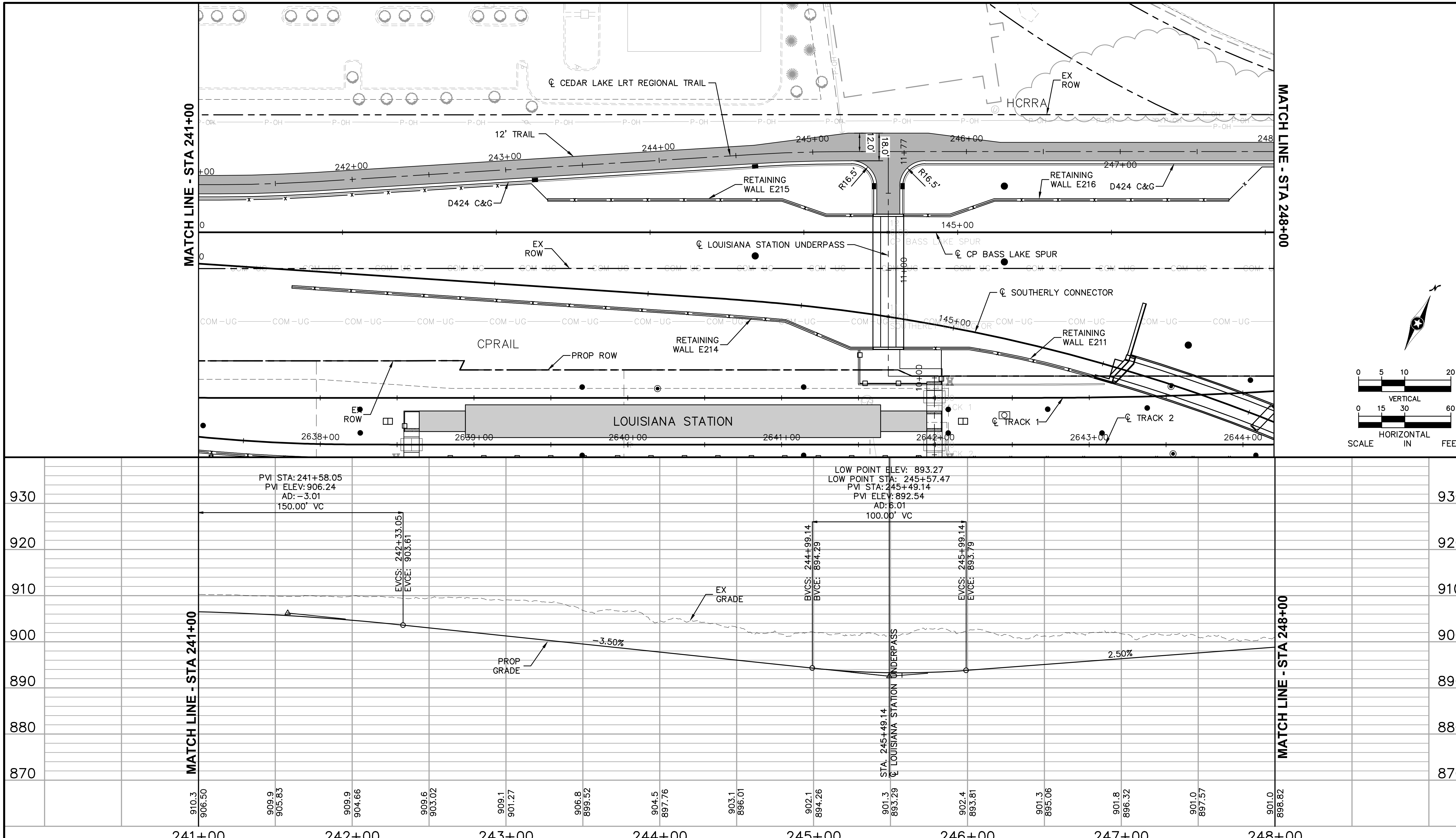
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 234+00 TO STA 241+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 006

SHEET 205 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

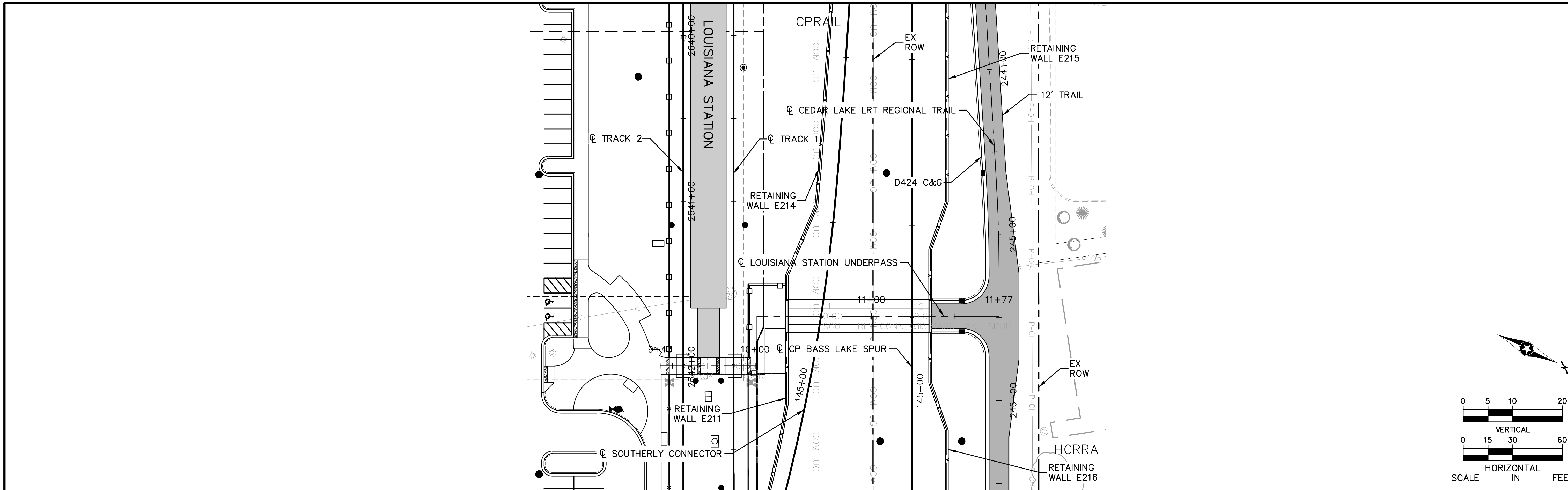
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE
STA 241+00 TO STA 248+00

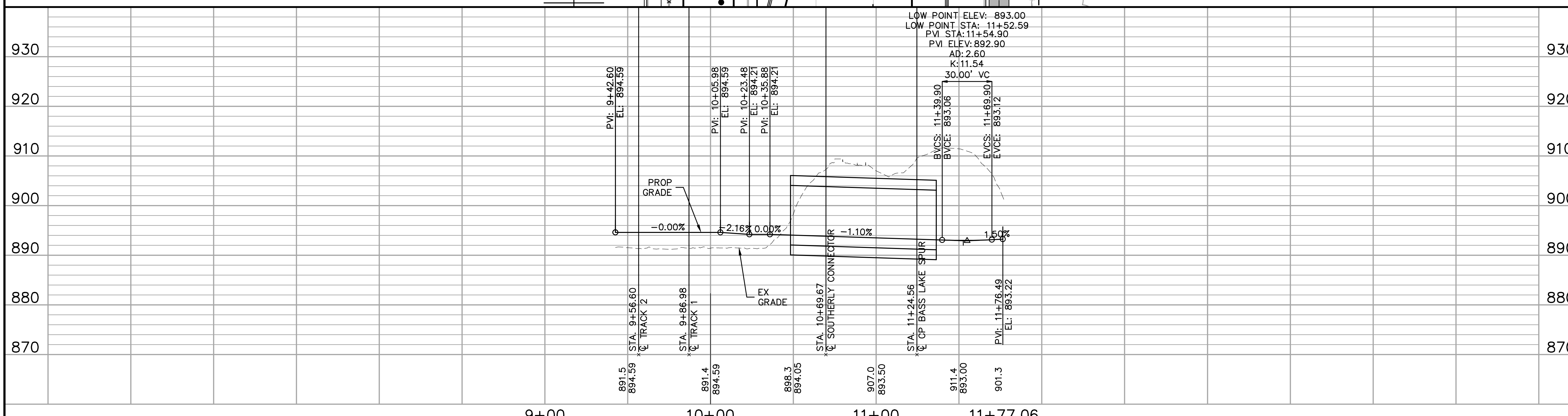
DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 007

SHEET 206 OF 302

Jan, 18 2016 05:14 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

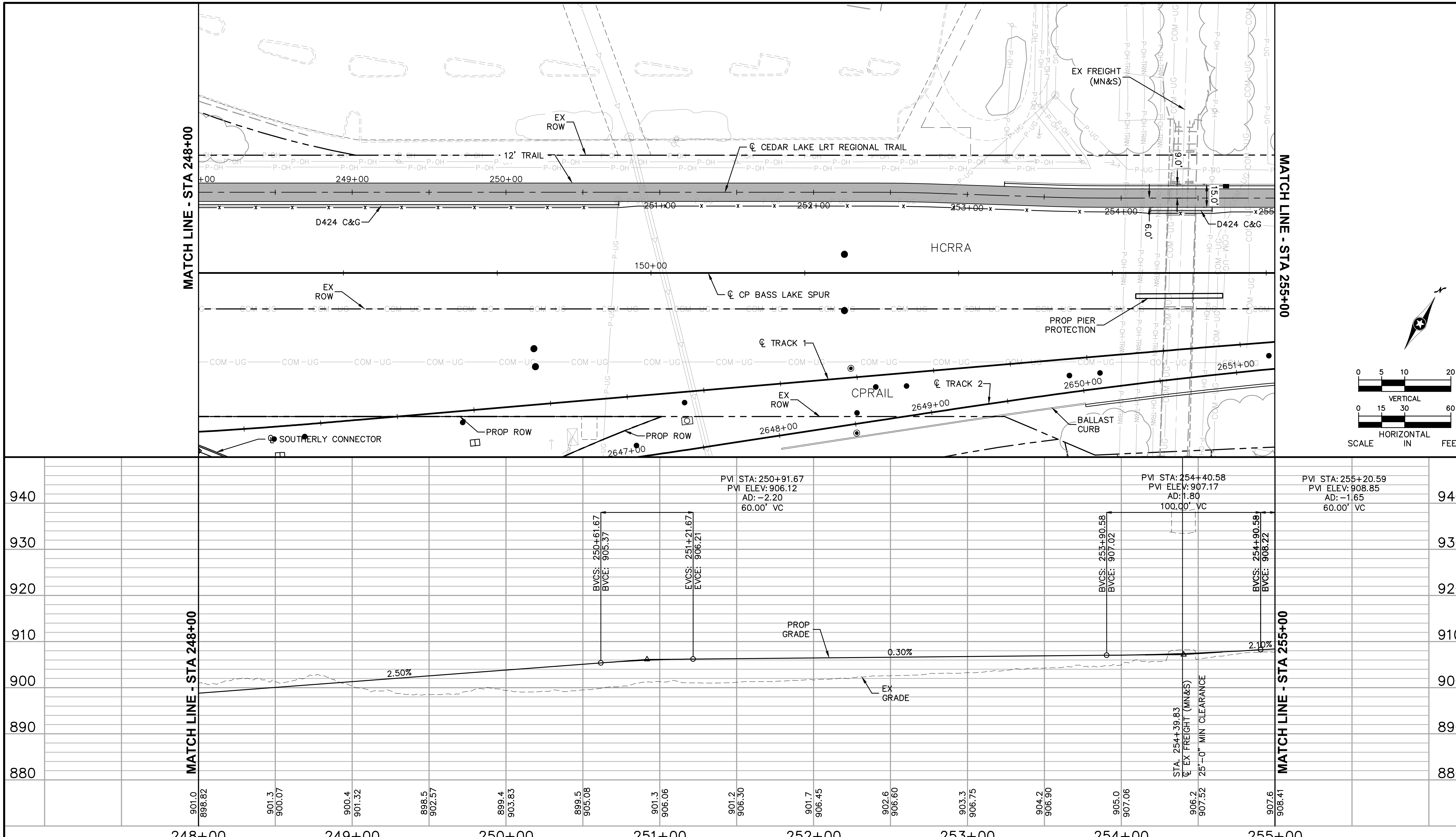
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
LOUISIANA STATION UNDERPASS
PLAN AND PROFILE
STA 9+00 TO STA 11+77.06

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 008



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

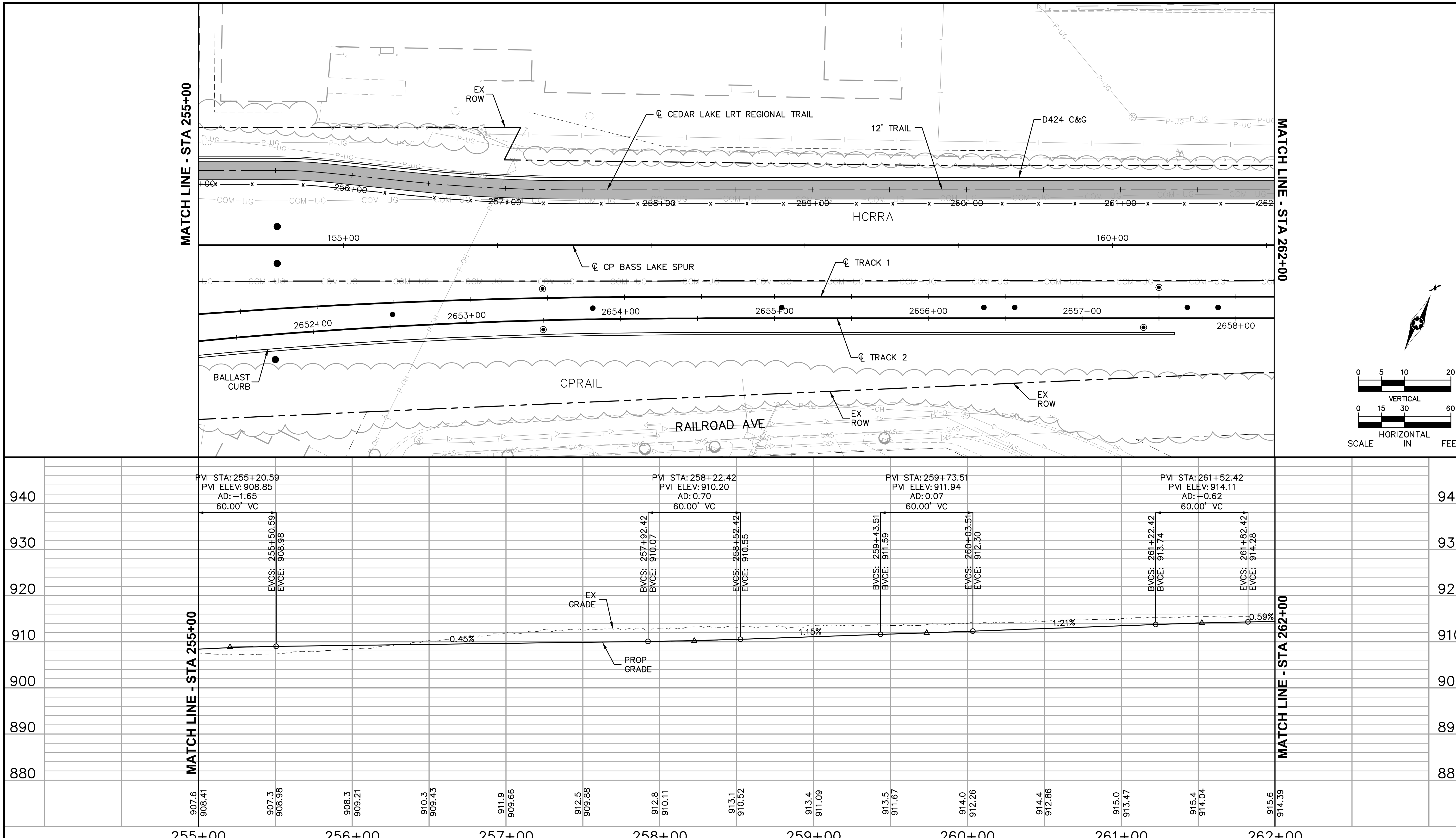
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE
STA 248+00 TO STA 255+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 009

SHEET 208 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

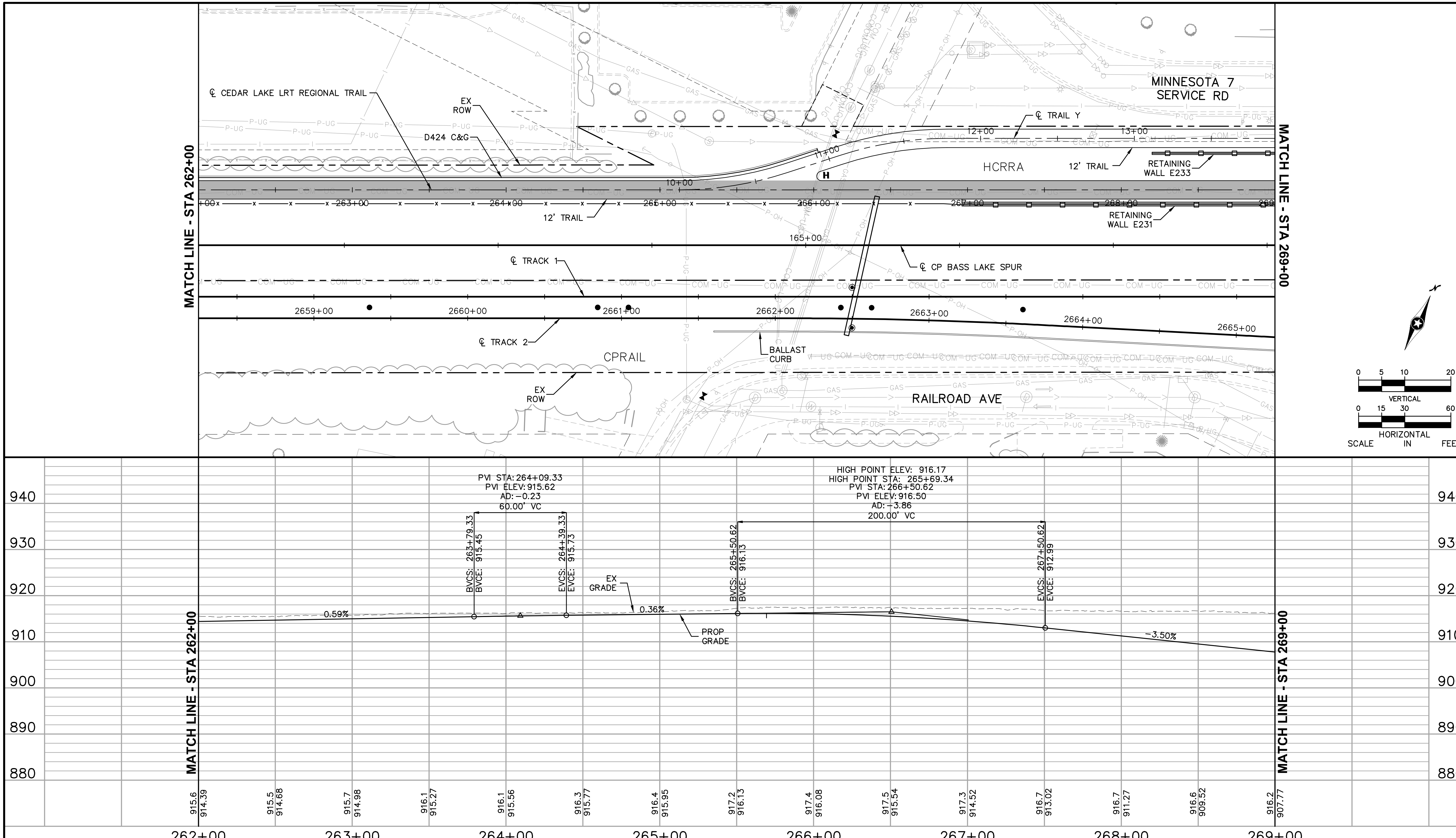
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 255+00 TO STA 262+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 010

SHEET 209 OF 302

Jan. 18 2016 05:18 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

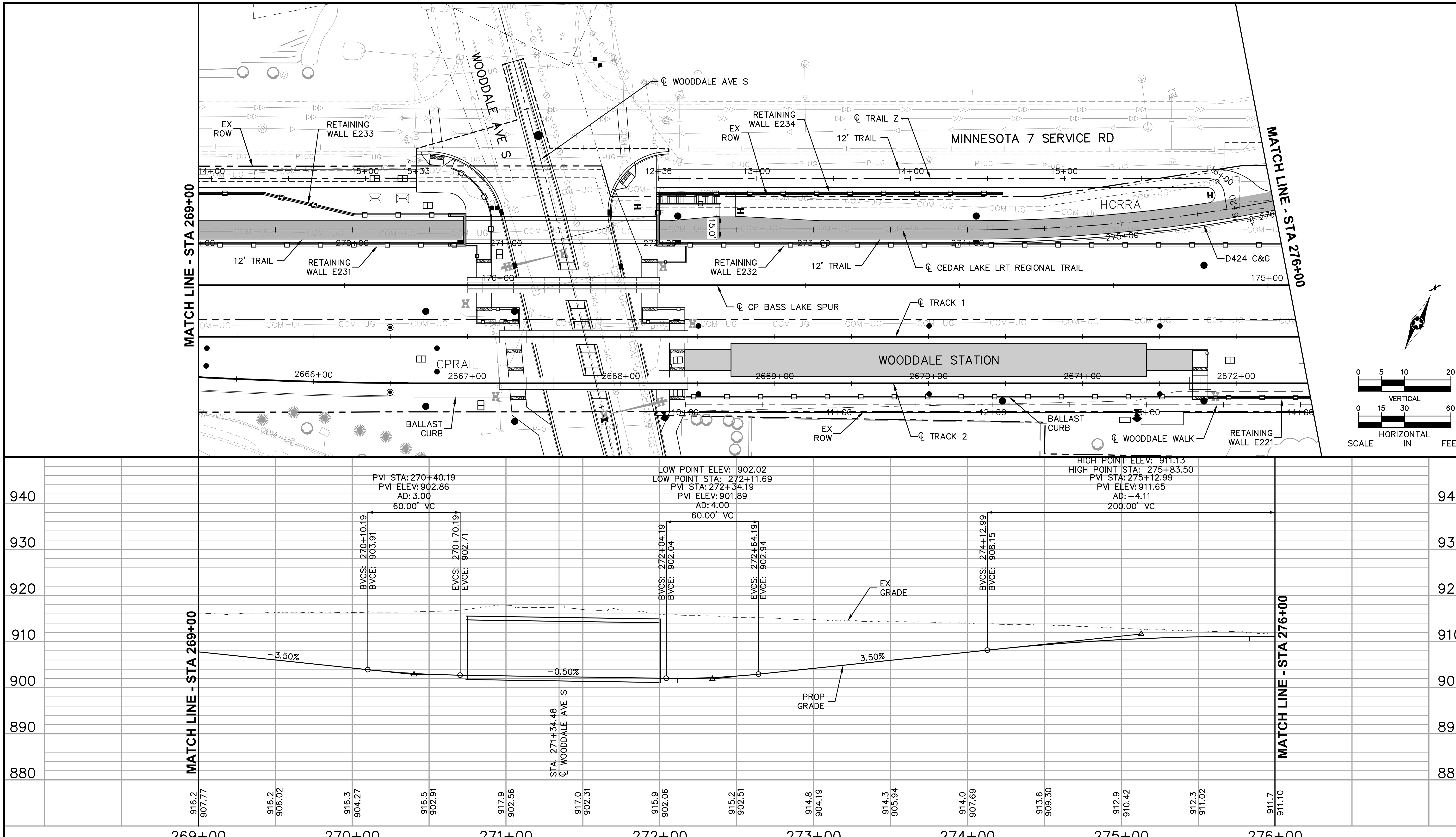
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 262+00 TO STA 269+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 011

SHEET 210 OF 302

Jan. 18 2016 05:20 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd



Jan, 18 2016 05:21 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

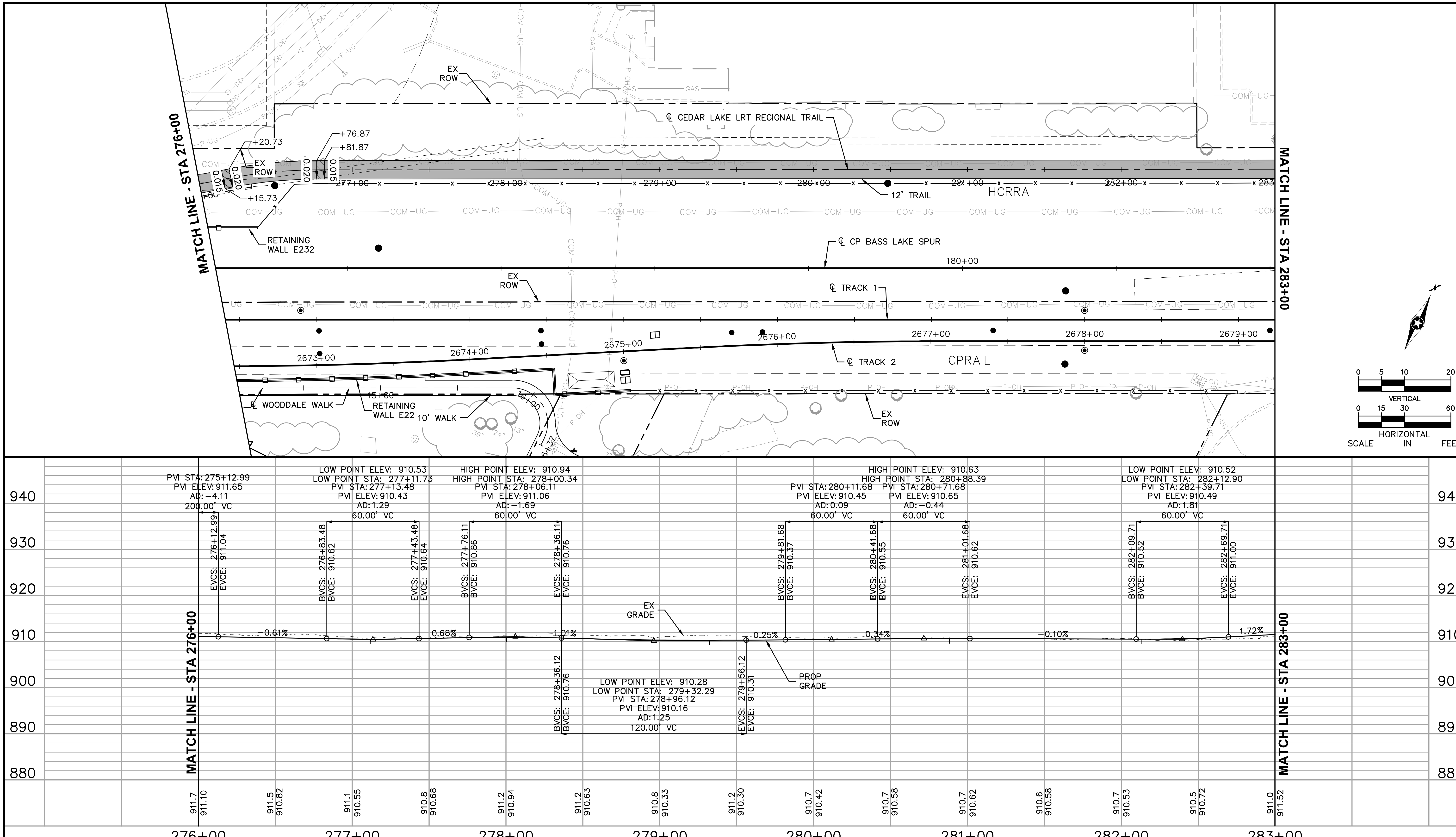
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 269+00 TO STA 276+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 012

SHEET 211 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

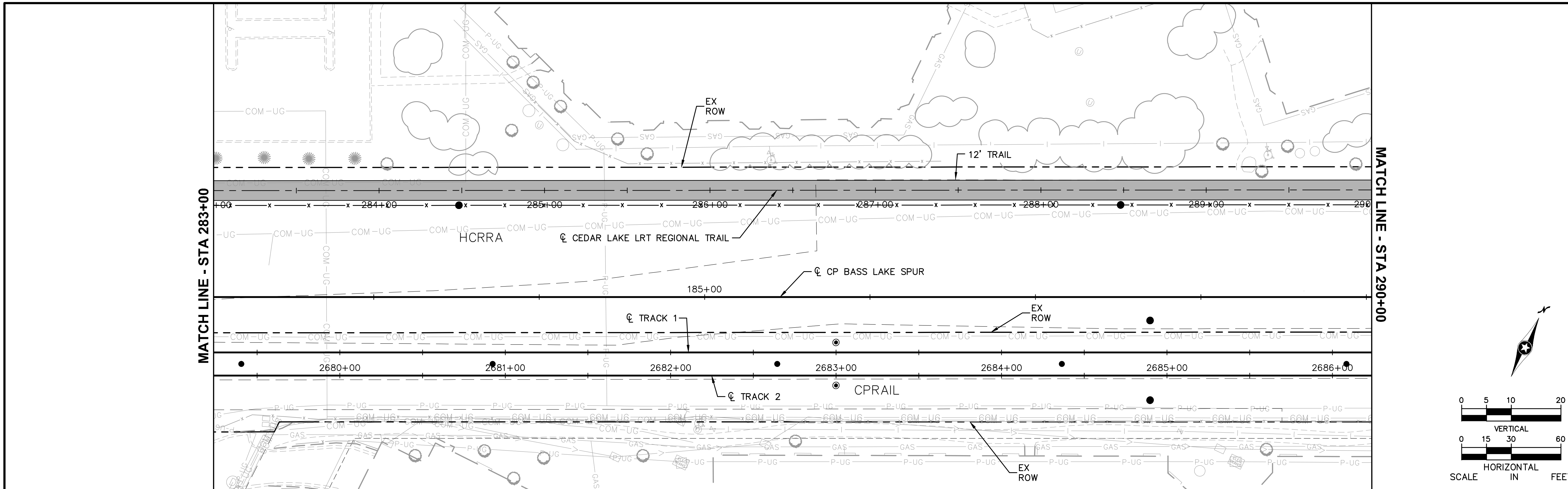
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 276+00 TO STA 283+00

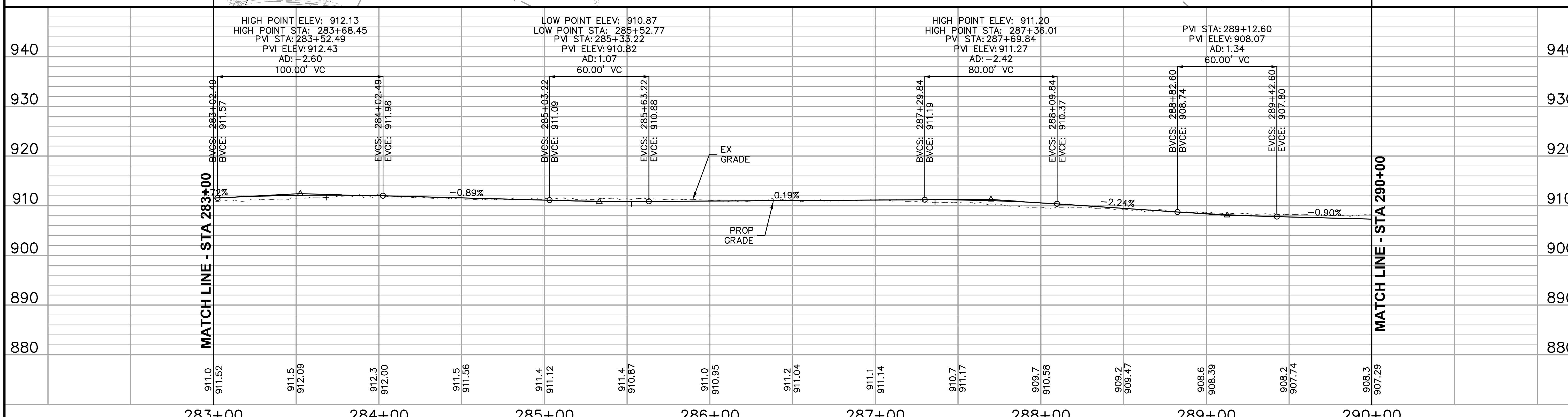
DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 013

SHEET 212 OF 302

Jan, 18 2016 05:23 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

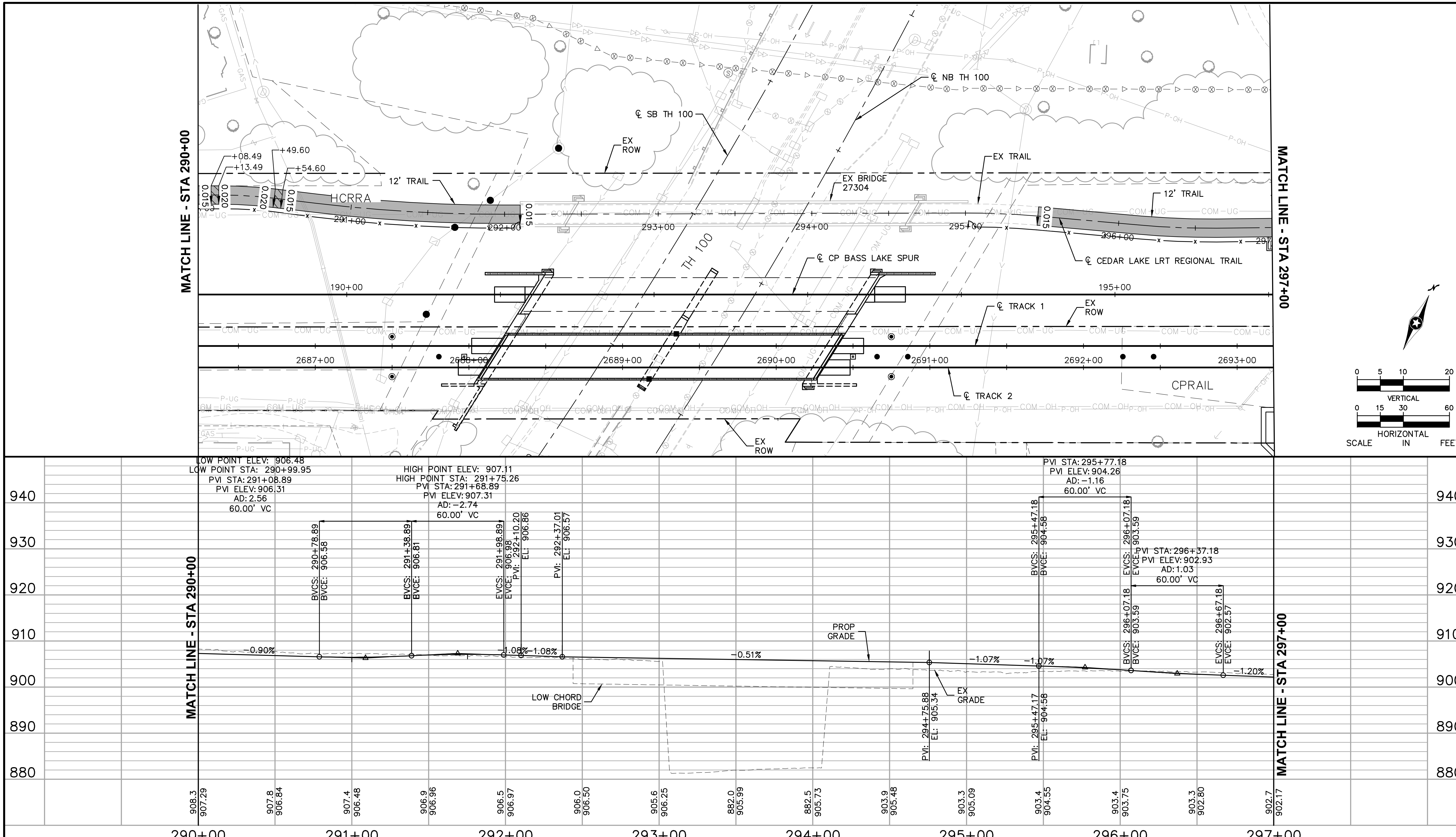
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 283+00 TO STA 290+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 014

SHEET 213 OF 302

Jan, 18 2016 05:24 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd



Jan. 18 2016 05:26 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

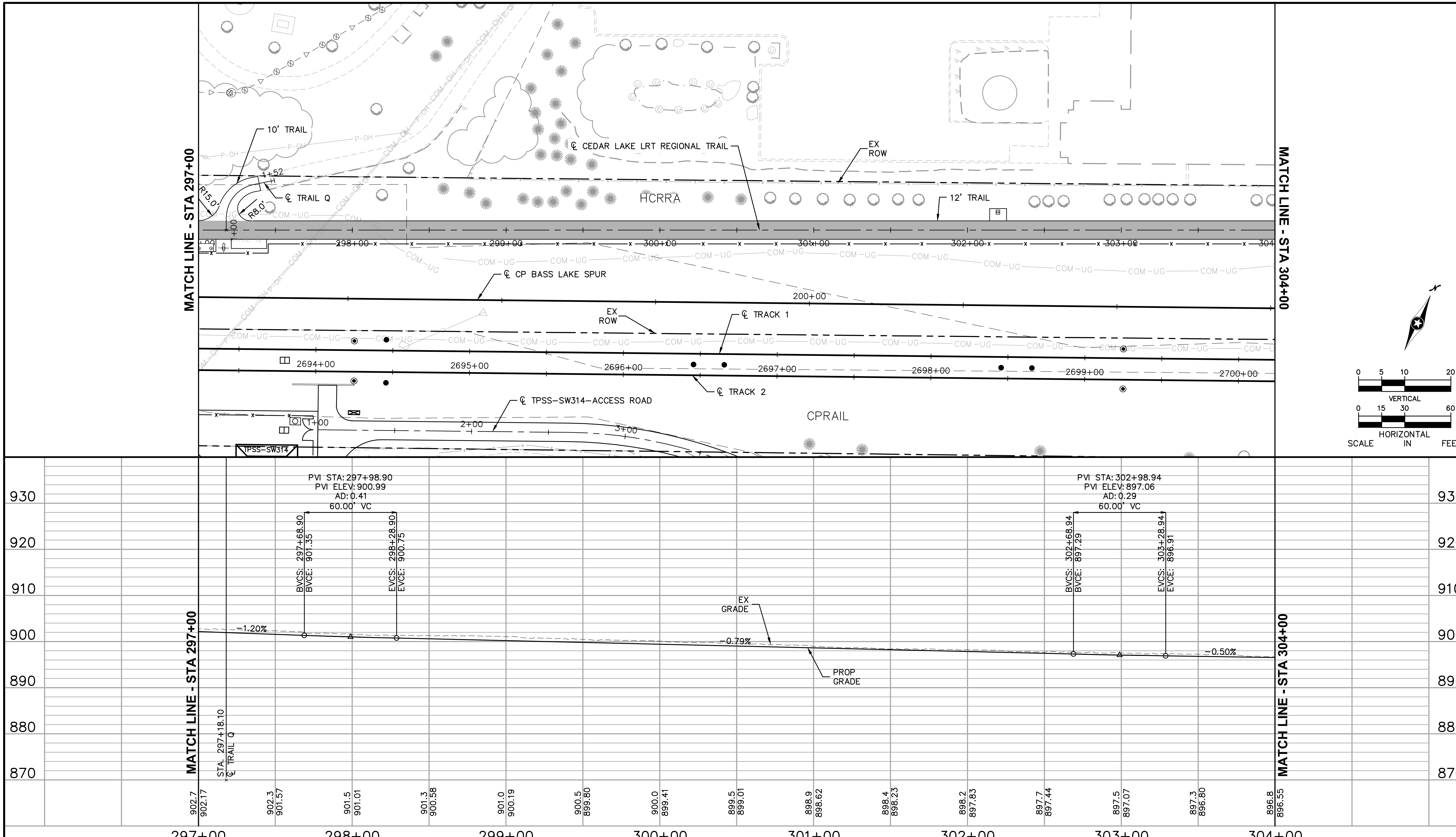
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 290+00 TO STA 297+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 015



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

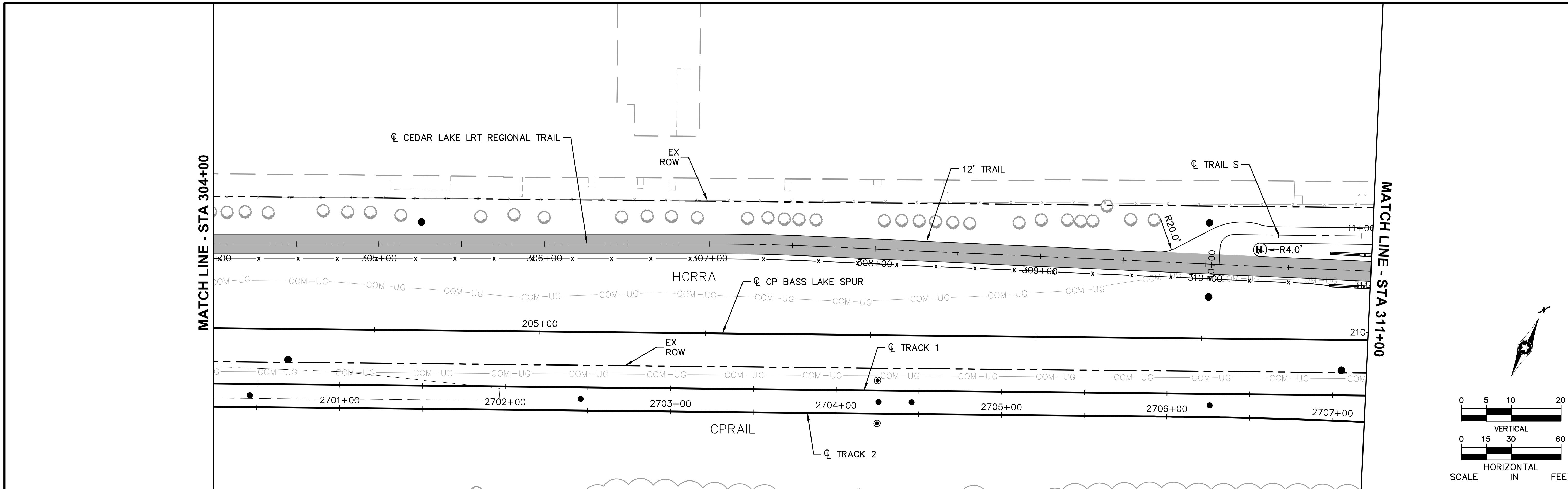
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 297+00 TO STA 304+00

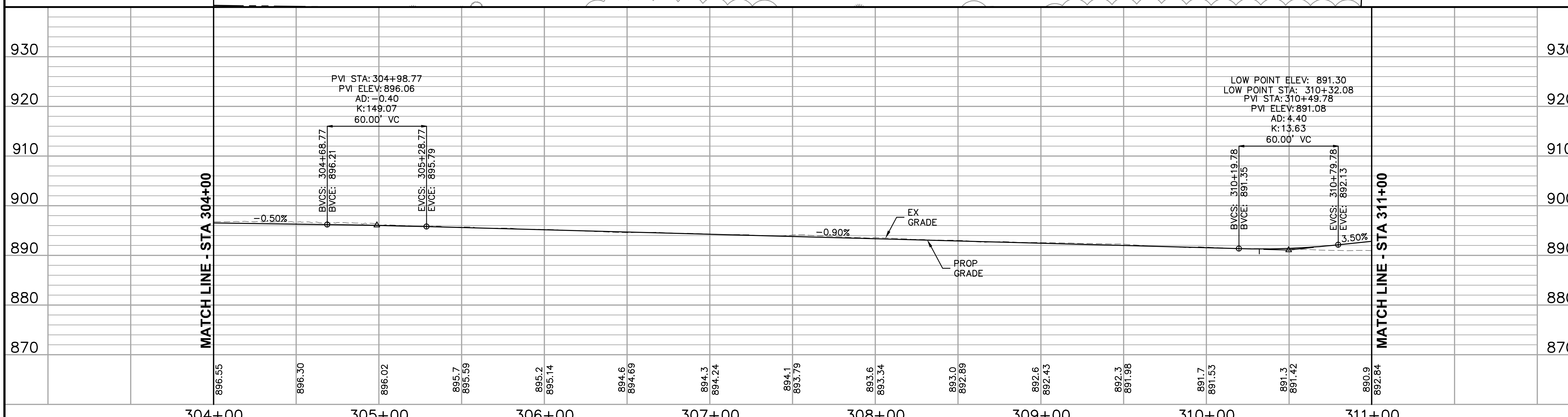
DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 016

SHEET 215 OF 302

Jan, 18 2016 05:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd





Jan, 18 2016 05:28 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

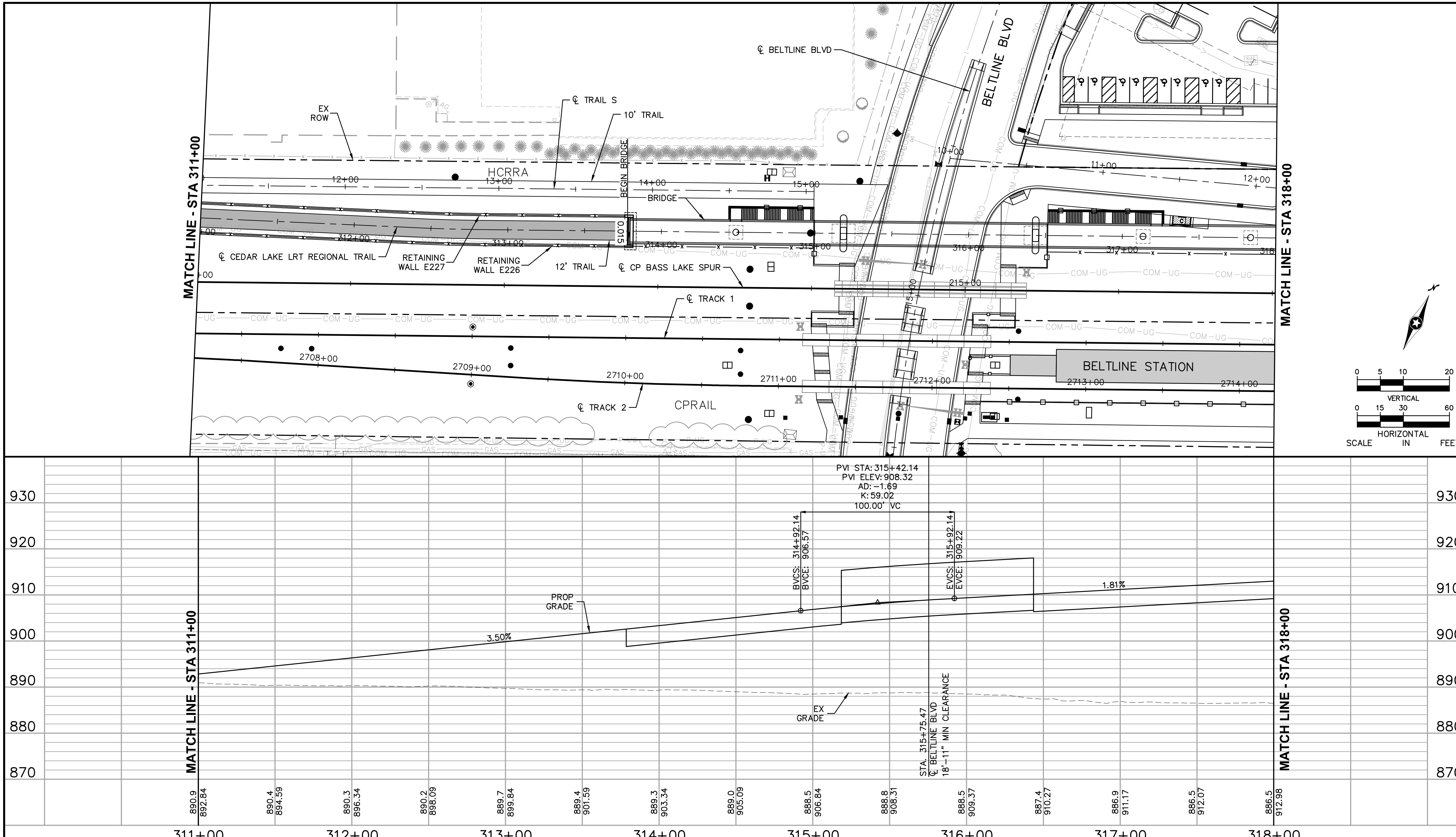
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 304+00 TO STA 311+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 017



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

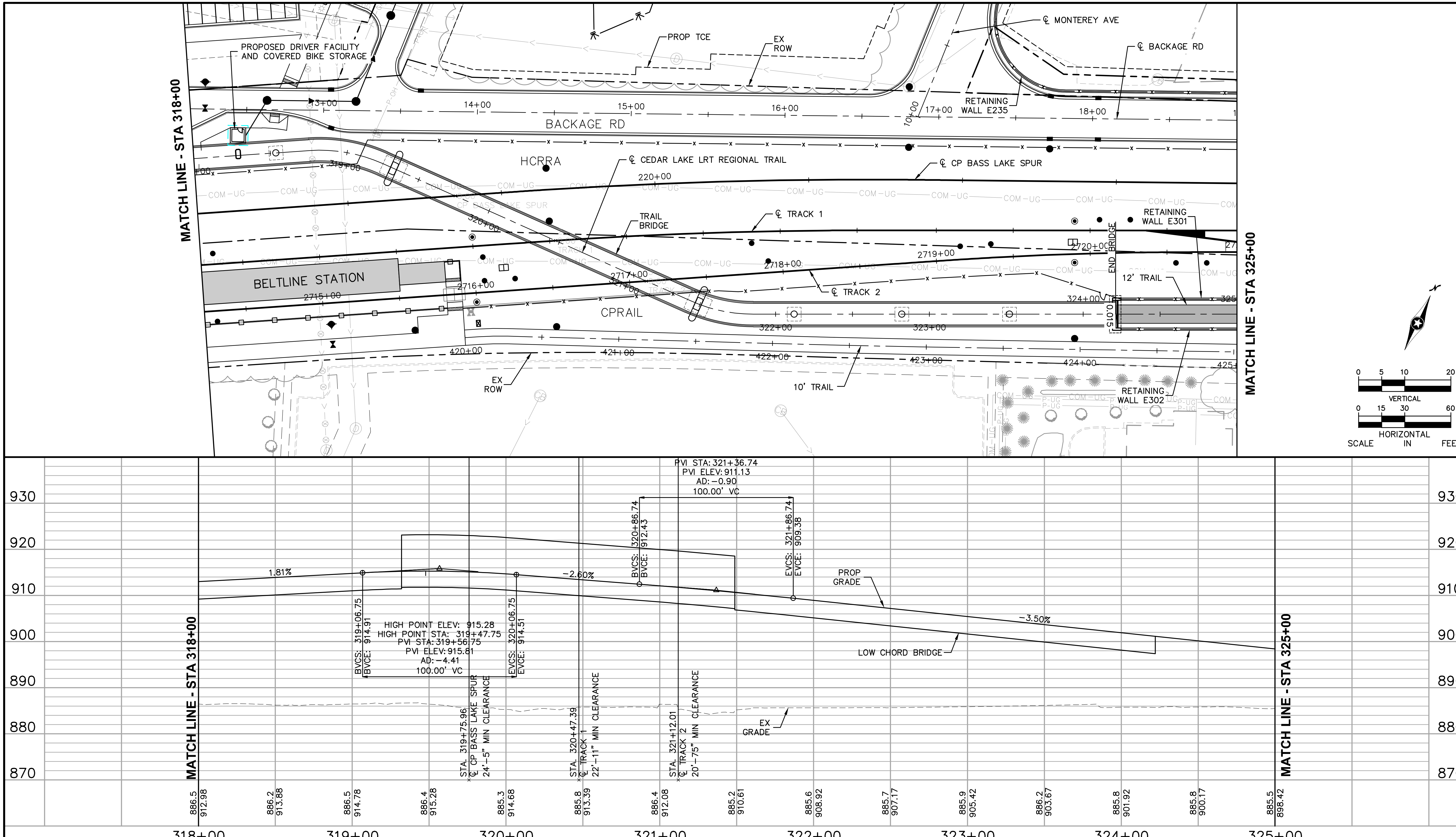
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 311+00 TO STA 318+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 018

SHEET 217 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

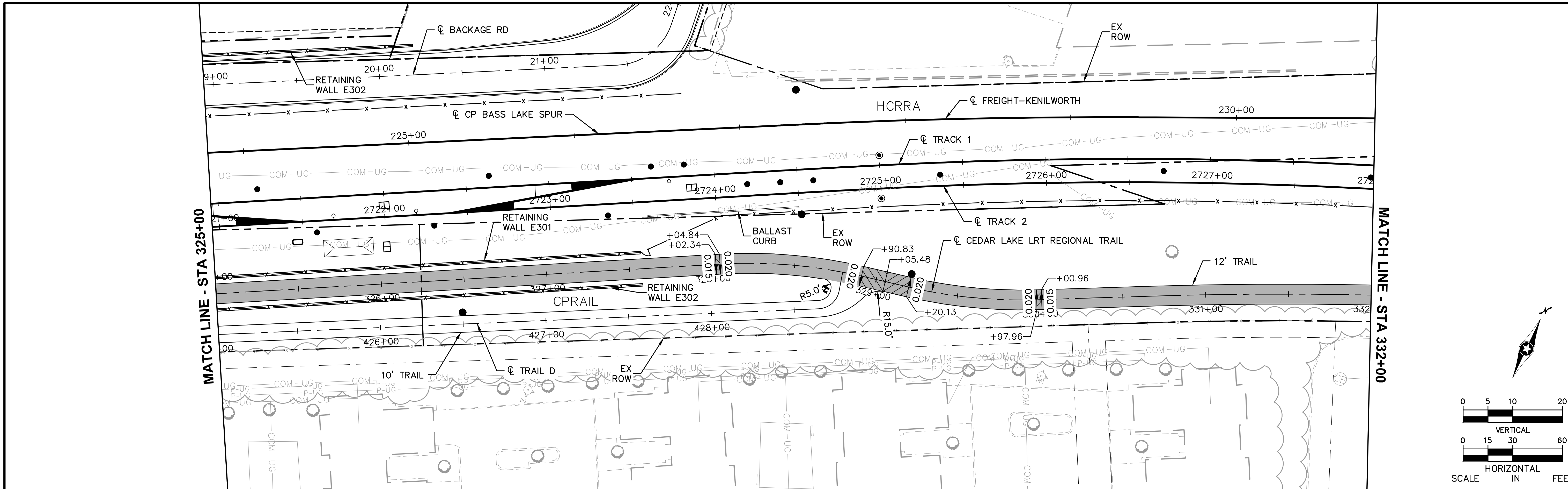
SOUTHWEST Green Line LRT Extension

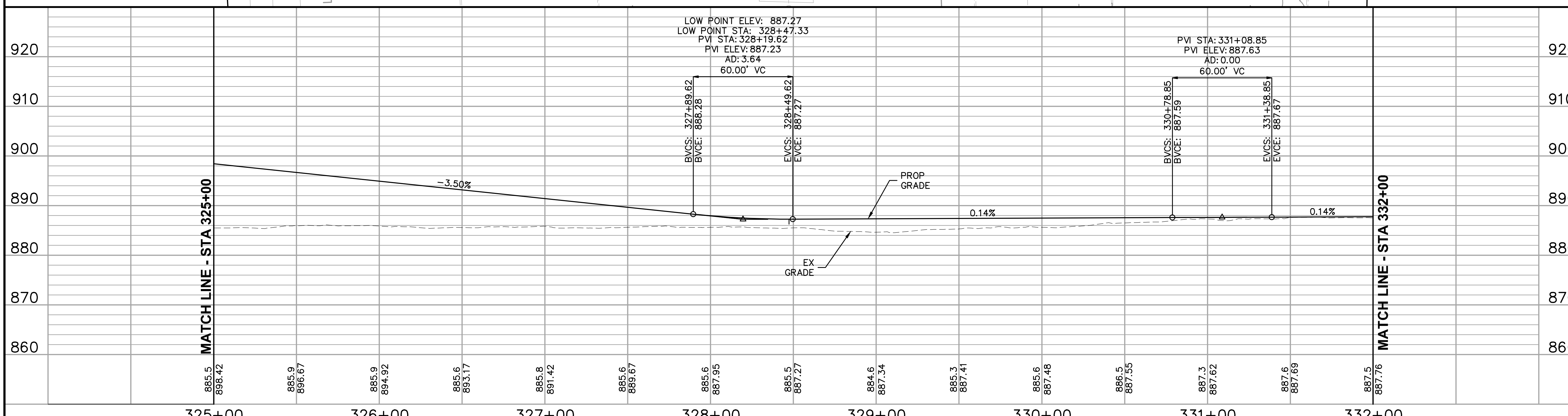
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 318+00 TO STA 325+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 019

SHEET 218 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

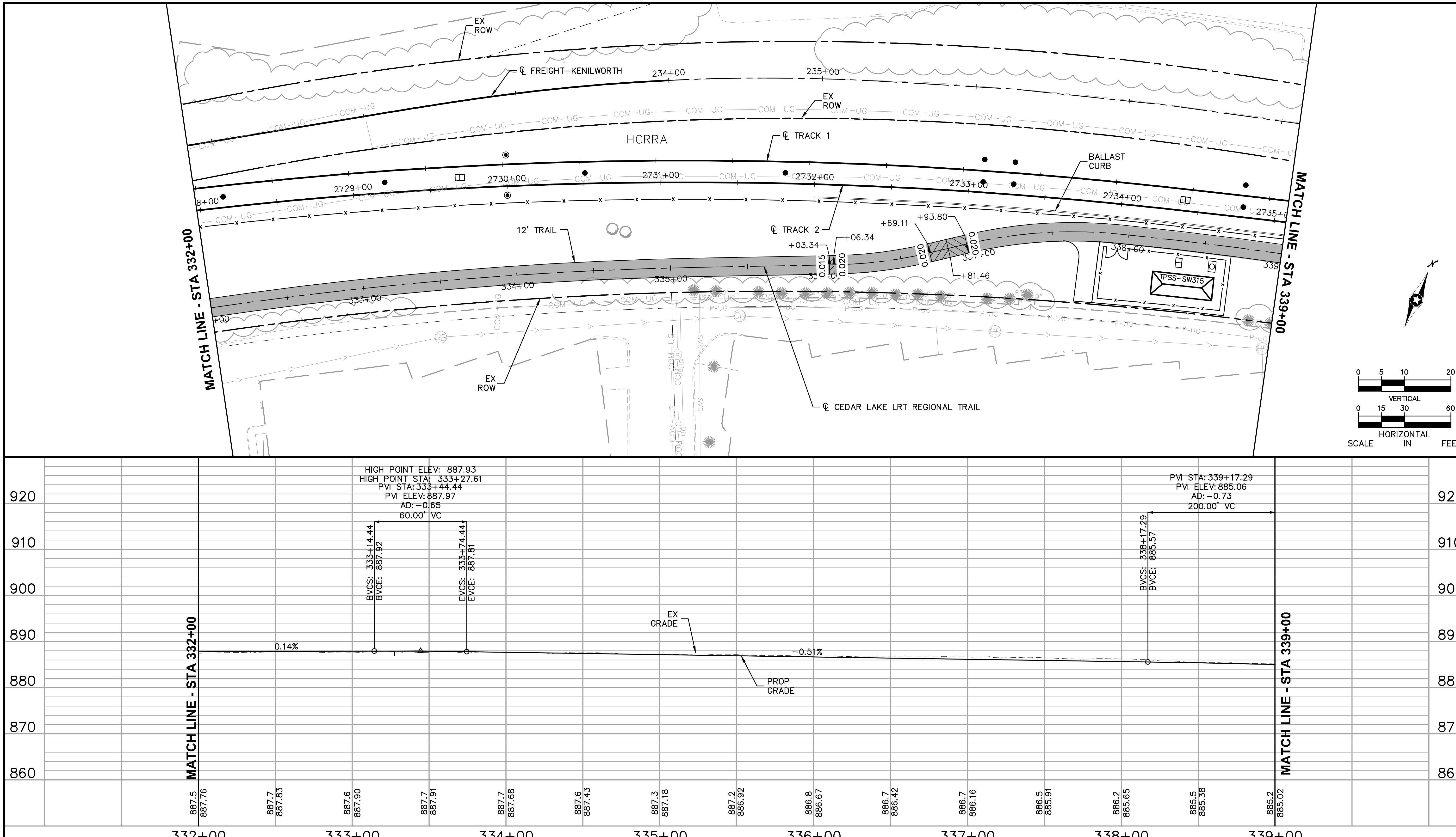
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 325+00 TO STA 332+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 020



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

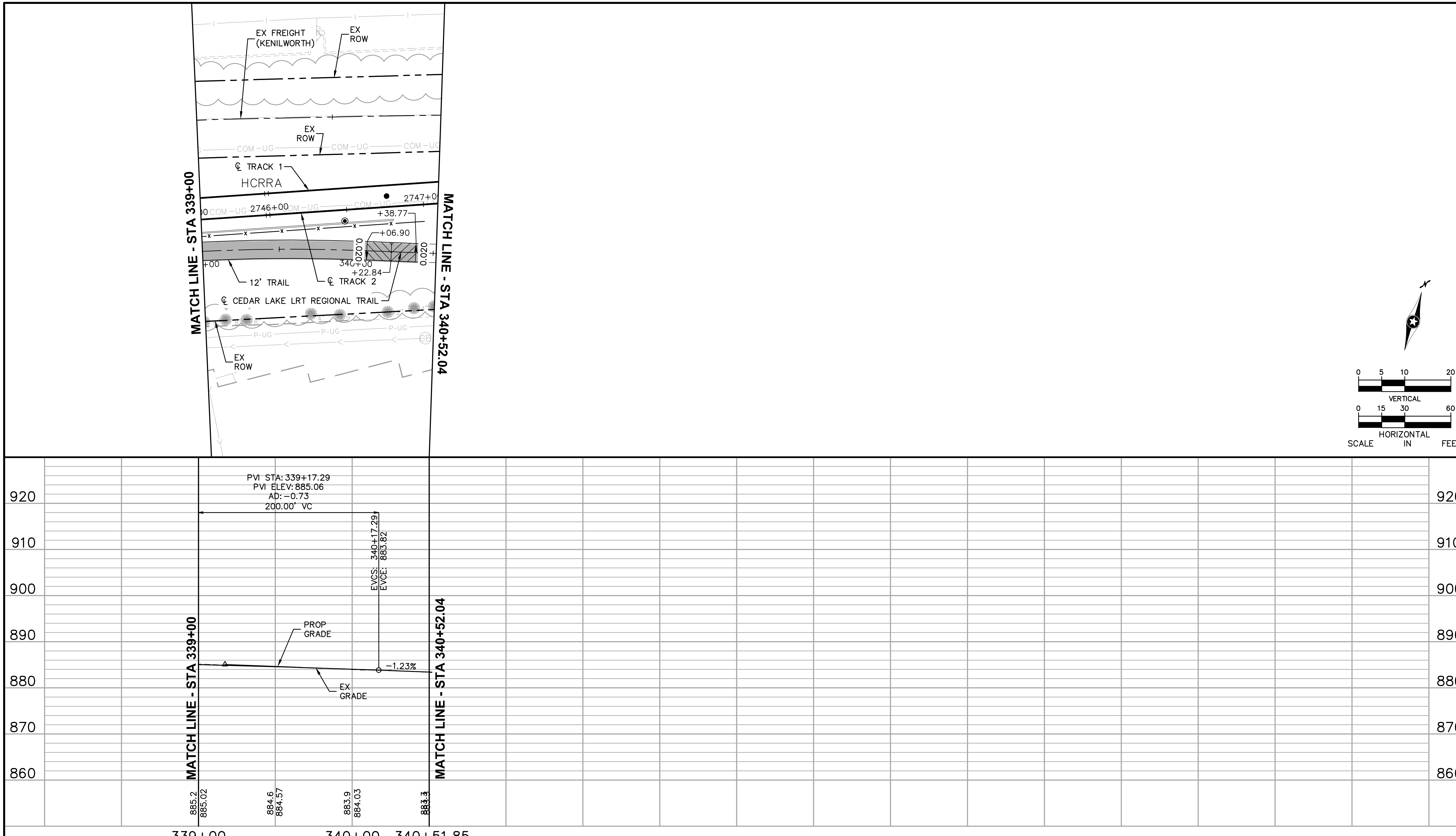
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 332+00 TO STA 339+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 021



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

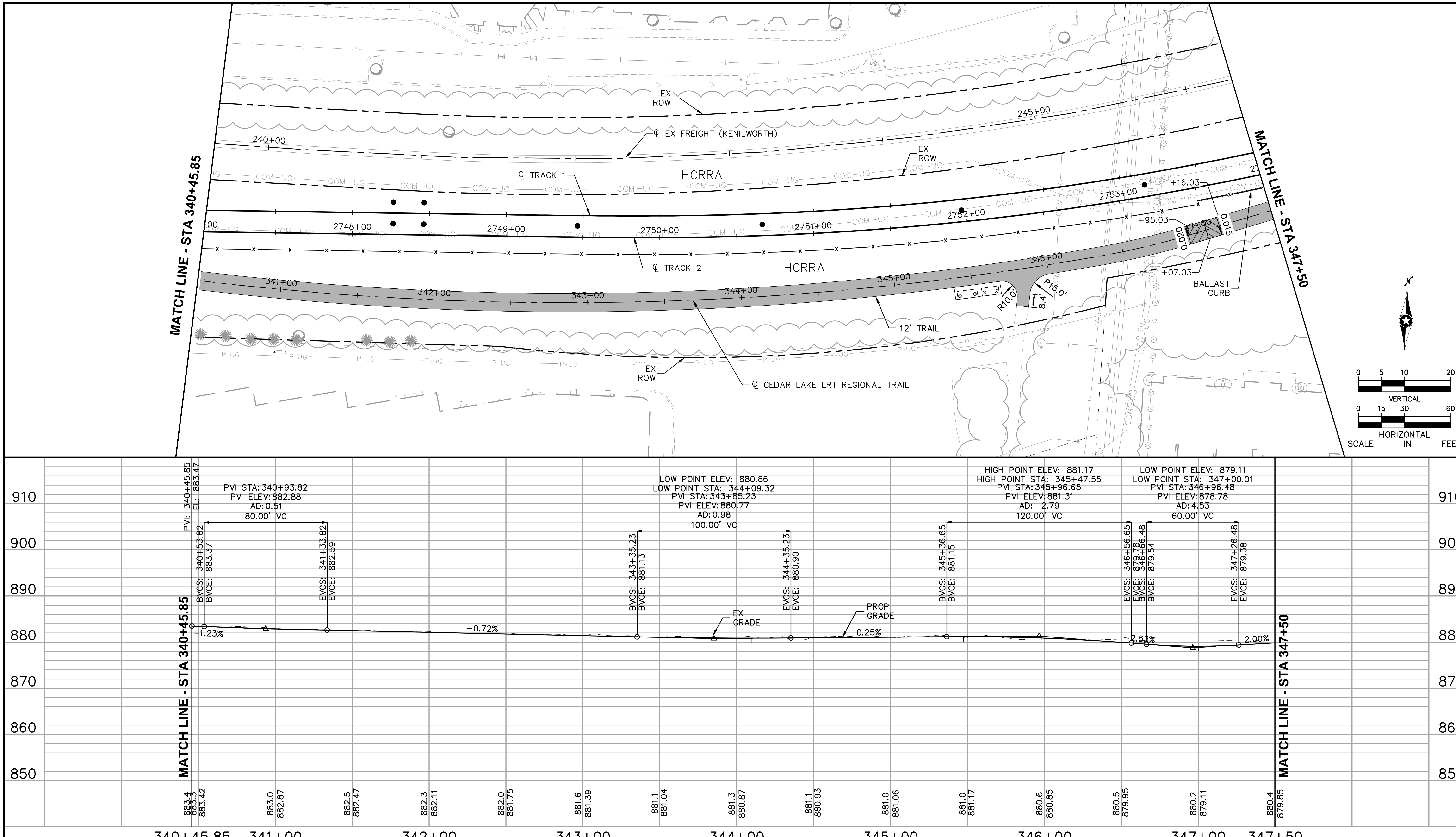
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 339+00 TO STA 340+52.04

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 022

SHEET 221 OF 302

Jan. 18 2016 05:36 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

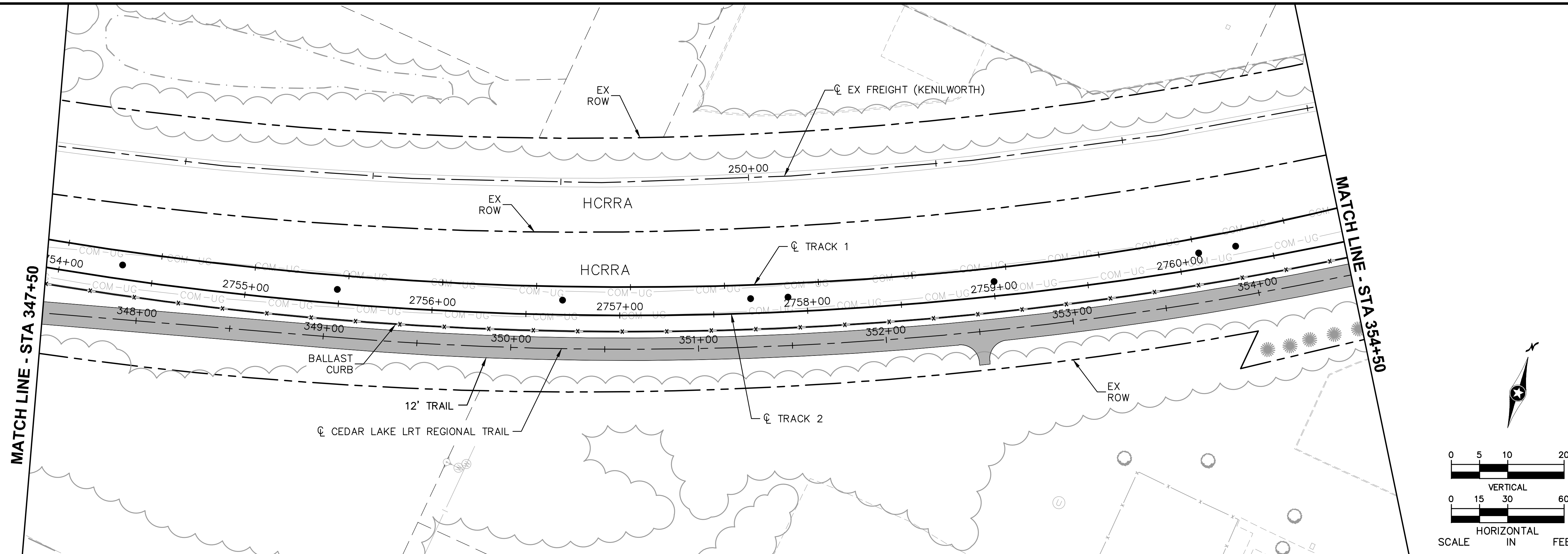
SOUTHWEST Green Line LRT Extension

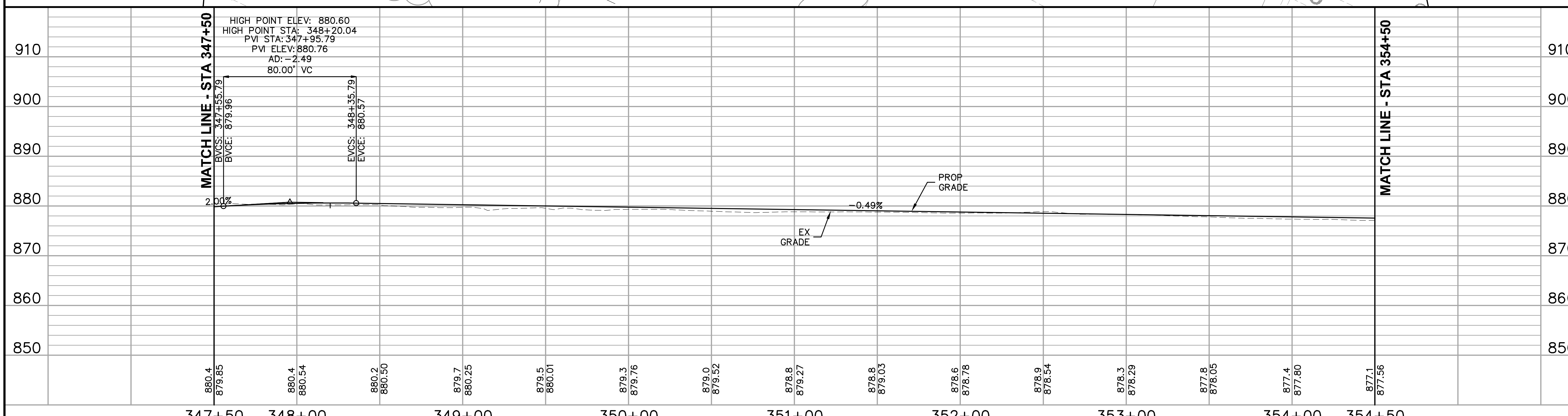
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 340+45.85 TO STA 347+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 001

SHEET 222 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

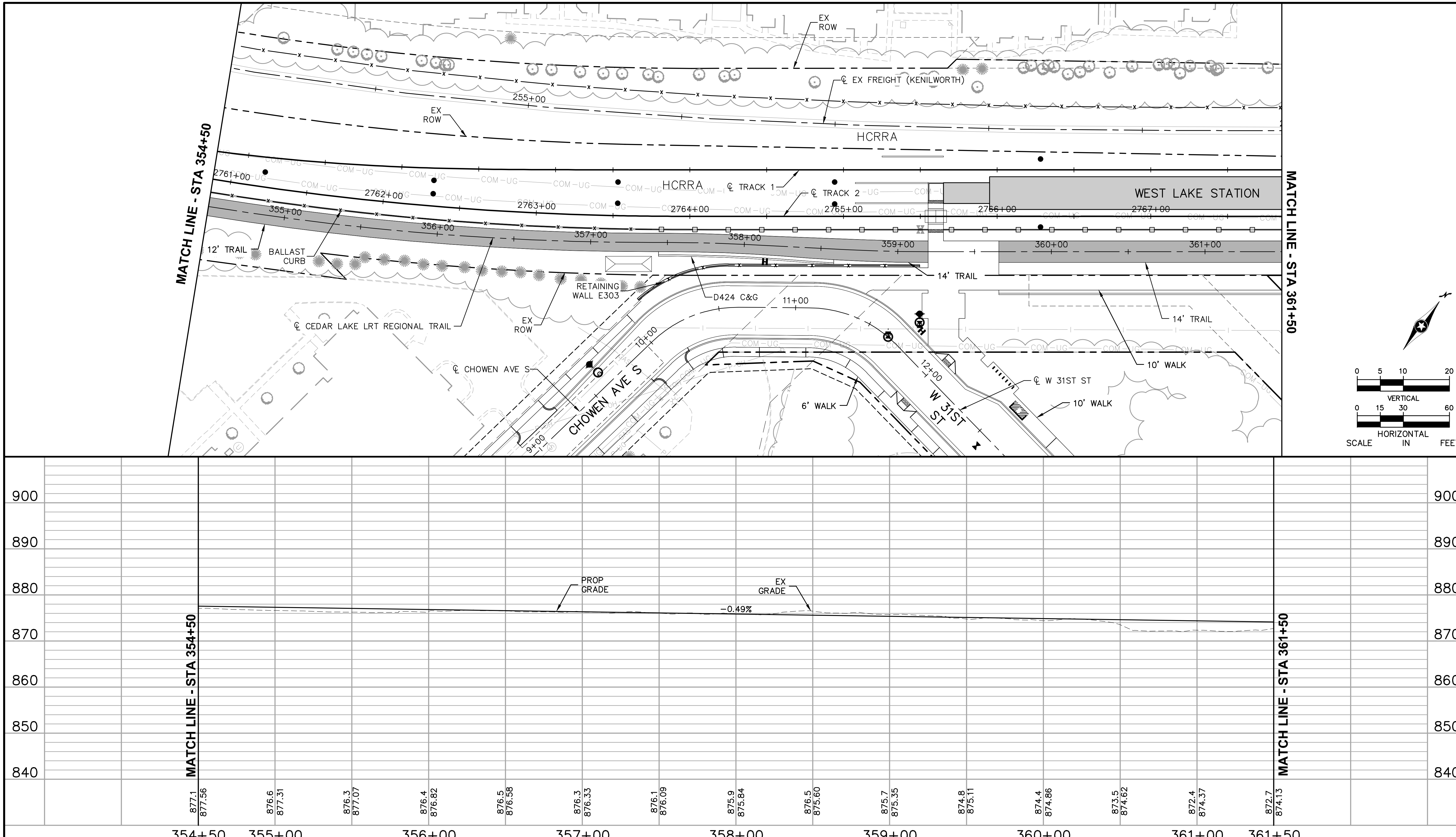
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 347+50 TO STA 354+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 002



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

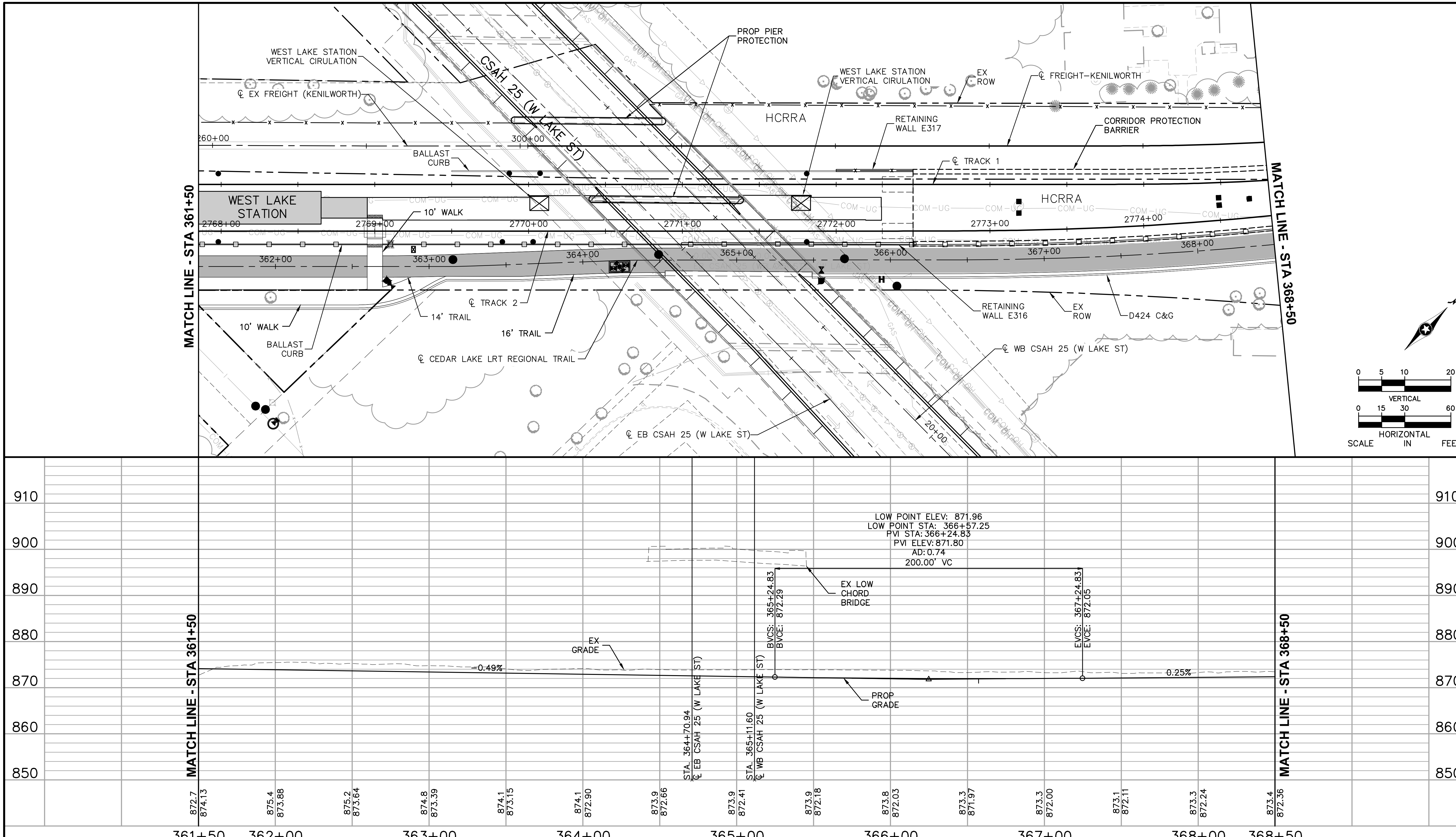
CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL PLAN AND PROFILE STA 354+50 TO STA 361+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 003

SHEET 224 OF 302

Jan, 18 2016 03:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK



Jan, 18 2016 03:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

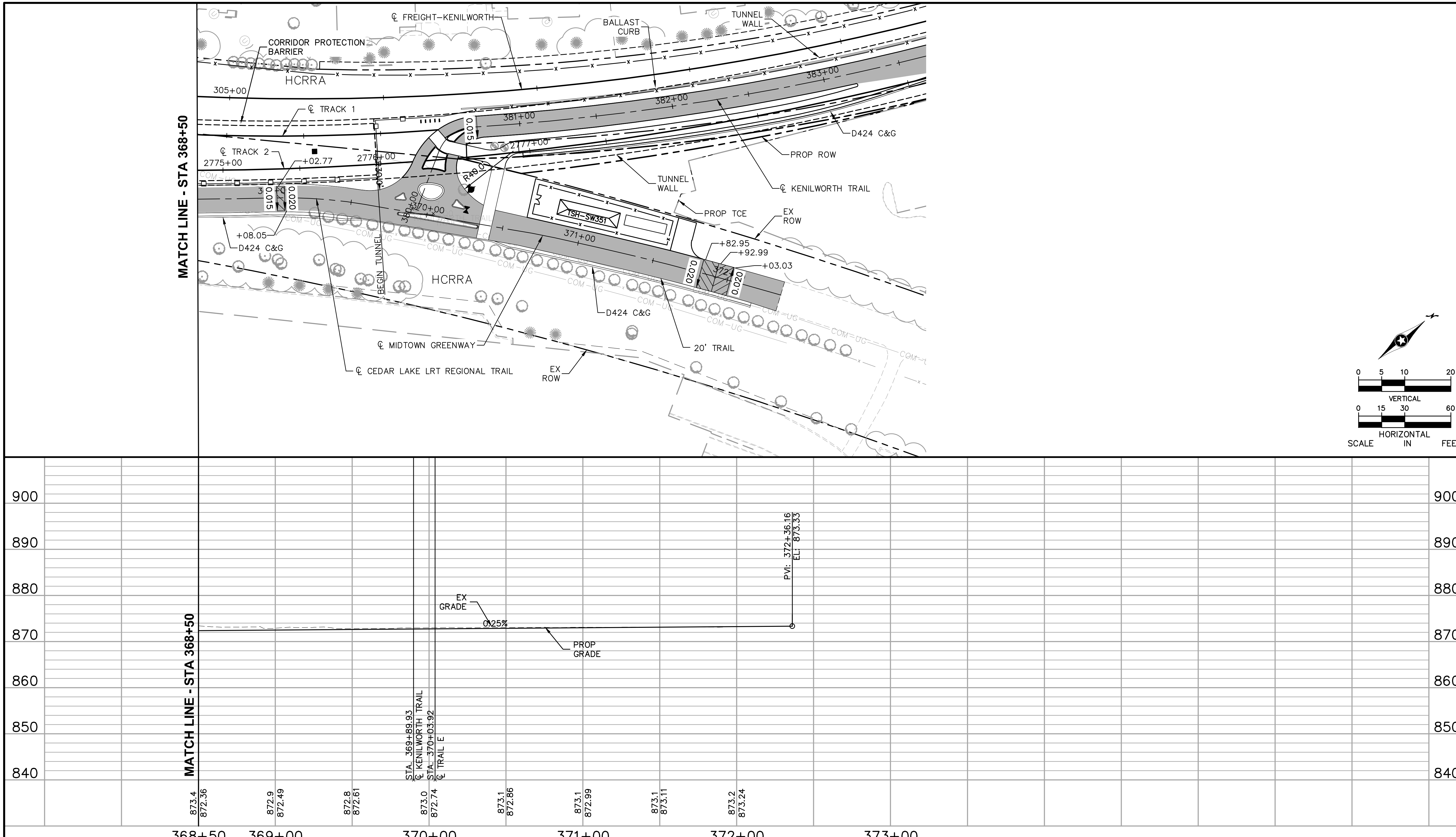
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL
PLAN AND PROFILE
STA 361+50 TO STA 368+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 004

SHEET 225 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

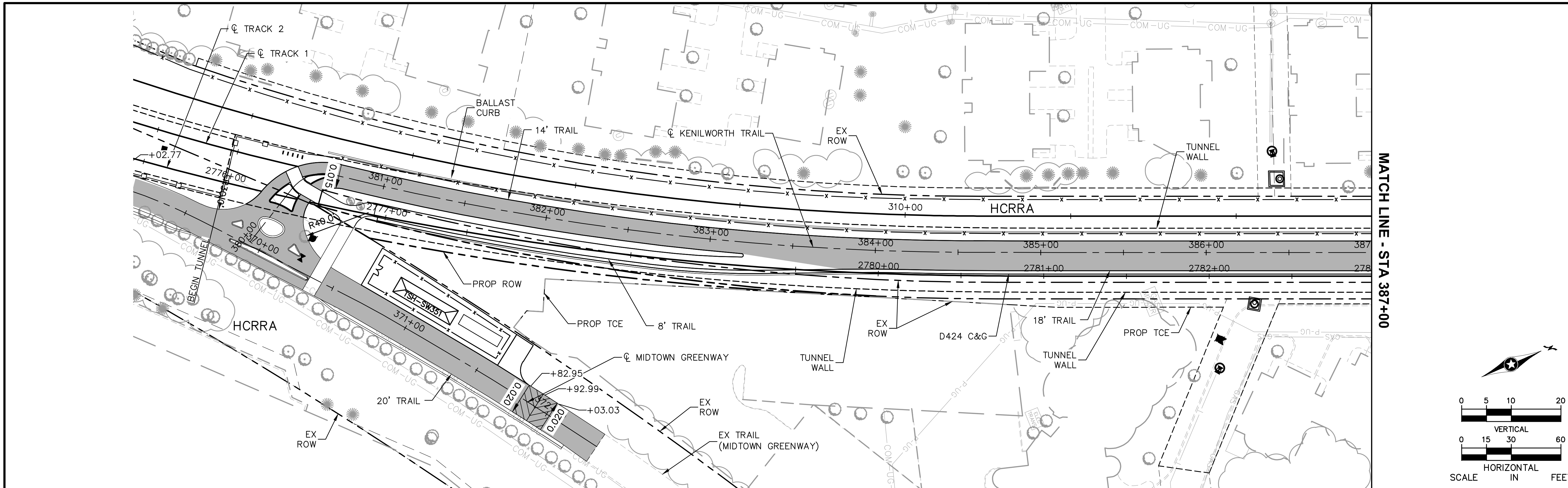
METROPOLITAN COUNCIL

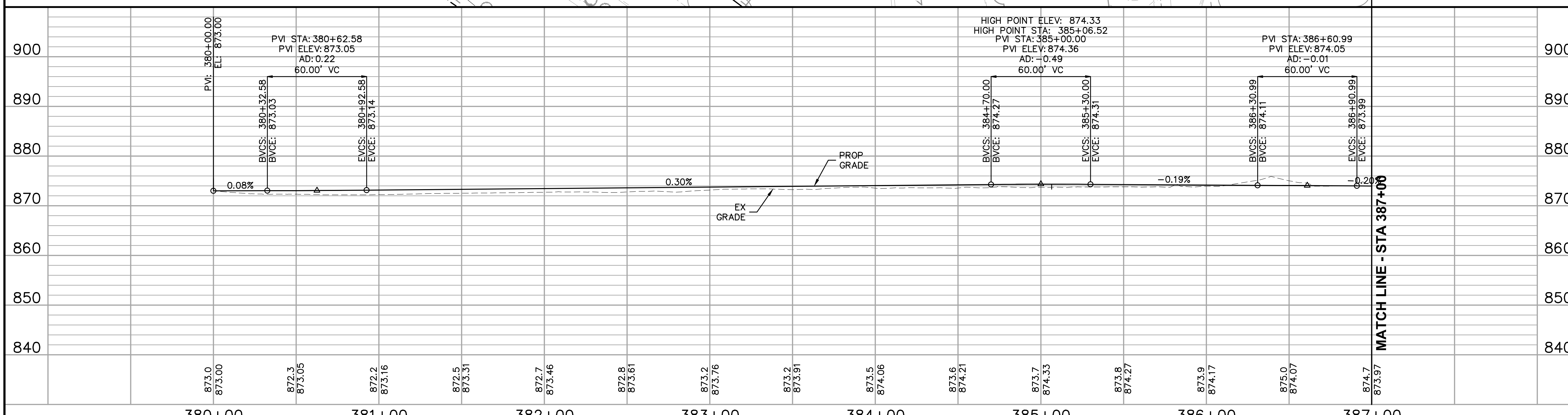
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE LRT REGIONAL TRAIL/ MIDTOWN GREENWAY PLAN AND PROFILE
STA 368+50 TO STA 11+77.06

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 005





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

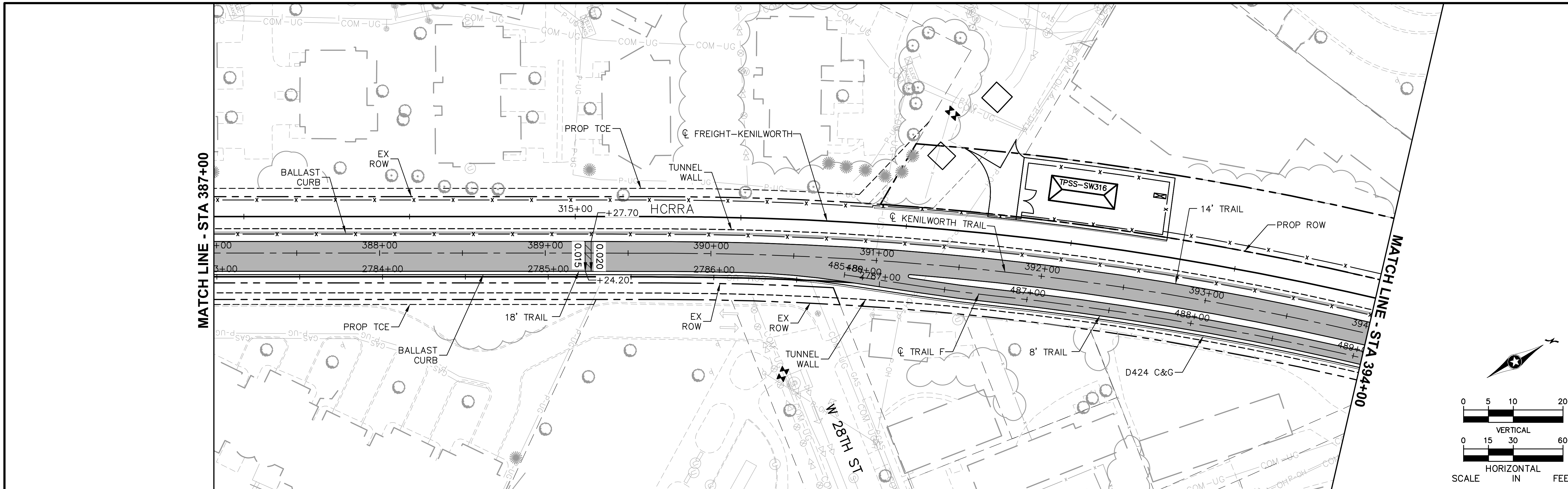
90% SUBMISSION - 01/22/16

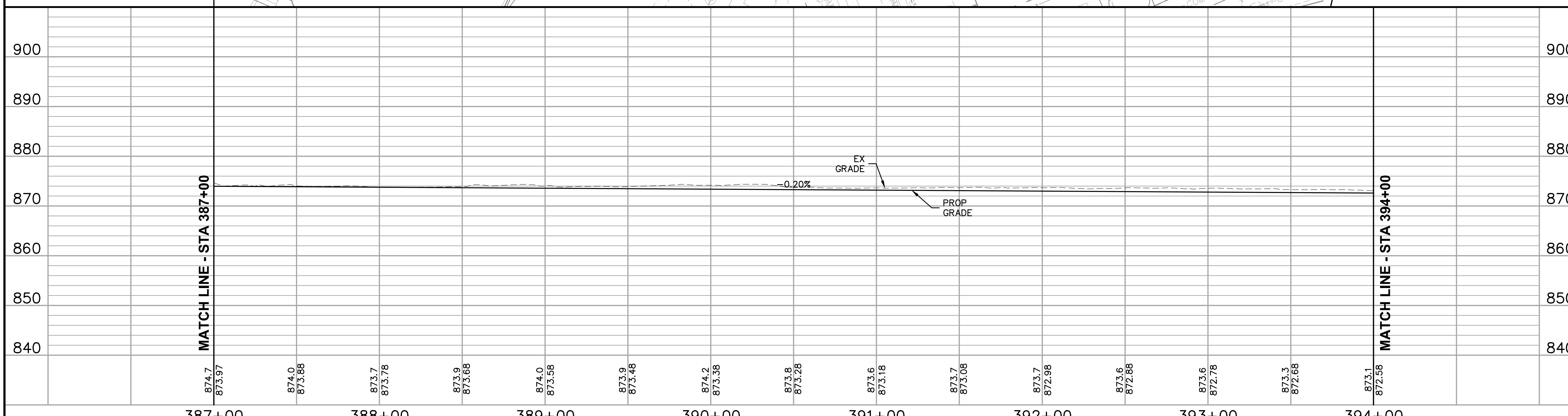
CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 380+00 TO STA 387+00

SHEET 227 OF 302

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 006





Jan. 18 2016 03:09 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

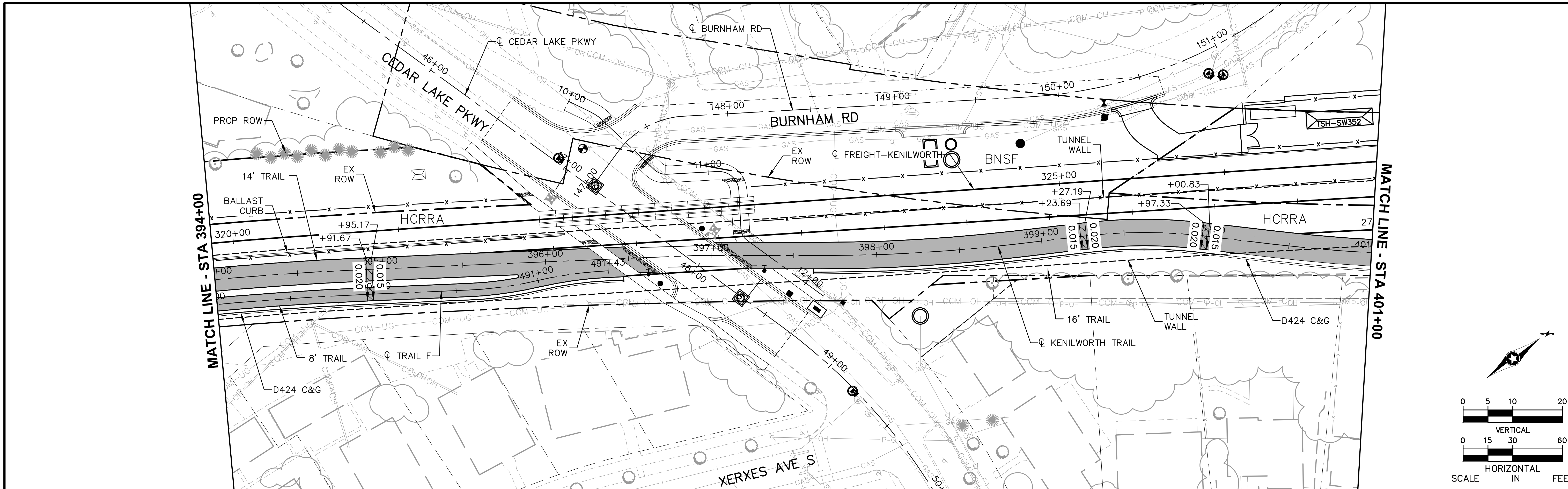
SOUTHWEST Green Line LRT Extension

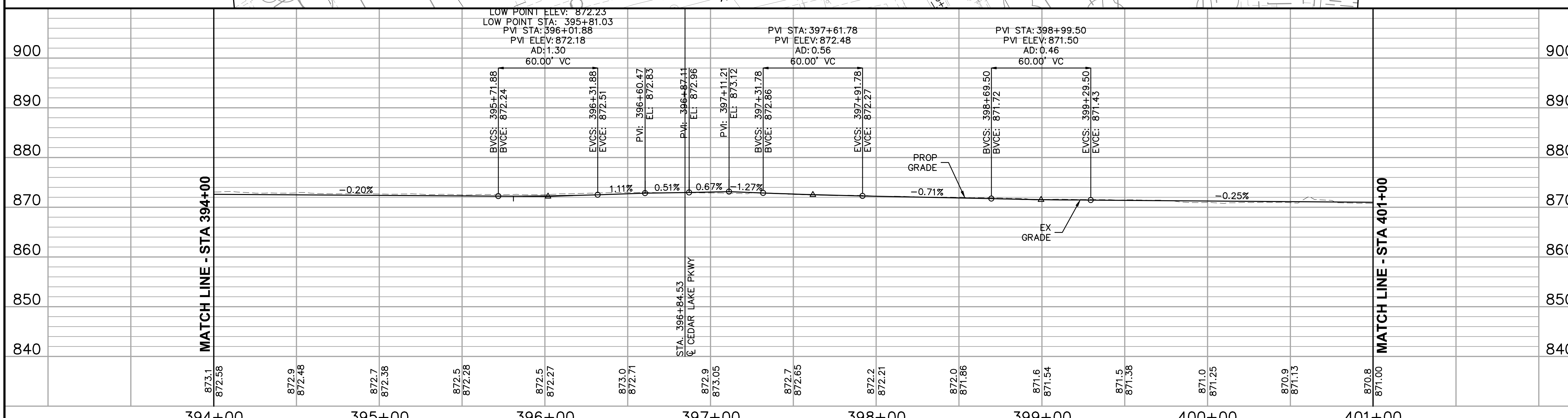
CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 387+00 TO STA 394+00

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 007

SHEET 228 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

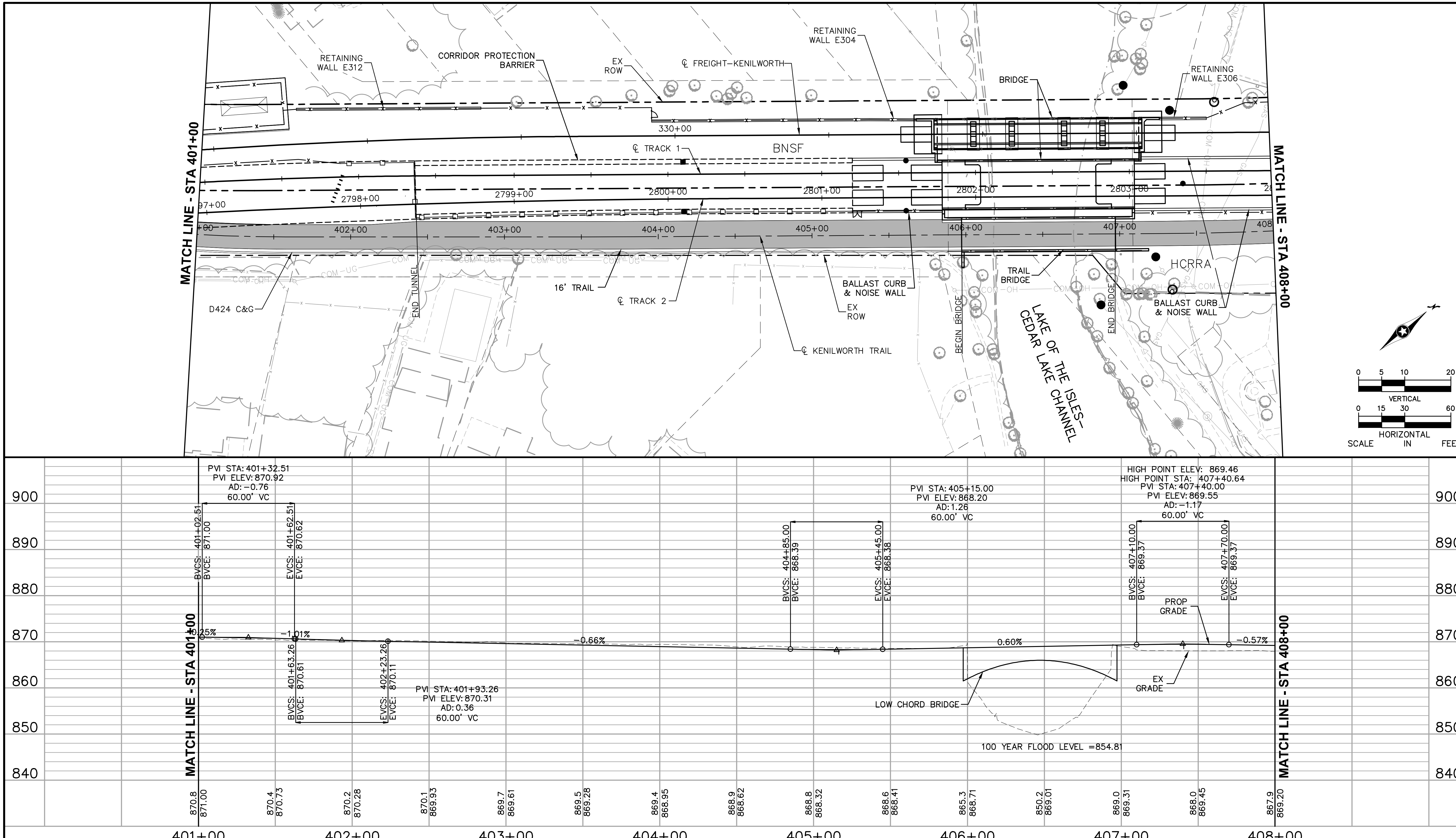
CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 394+00 TO STA 401+00

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 008

SHEET 229 OF 302

Jan. 18 2016 03:10 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK



Jan. 18 2016 03:11 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

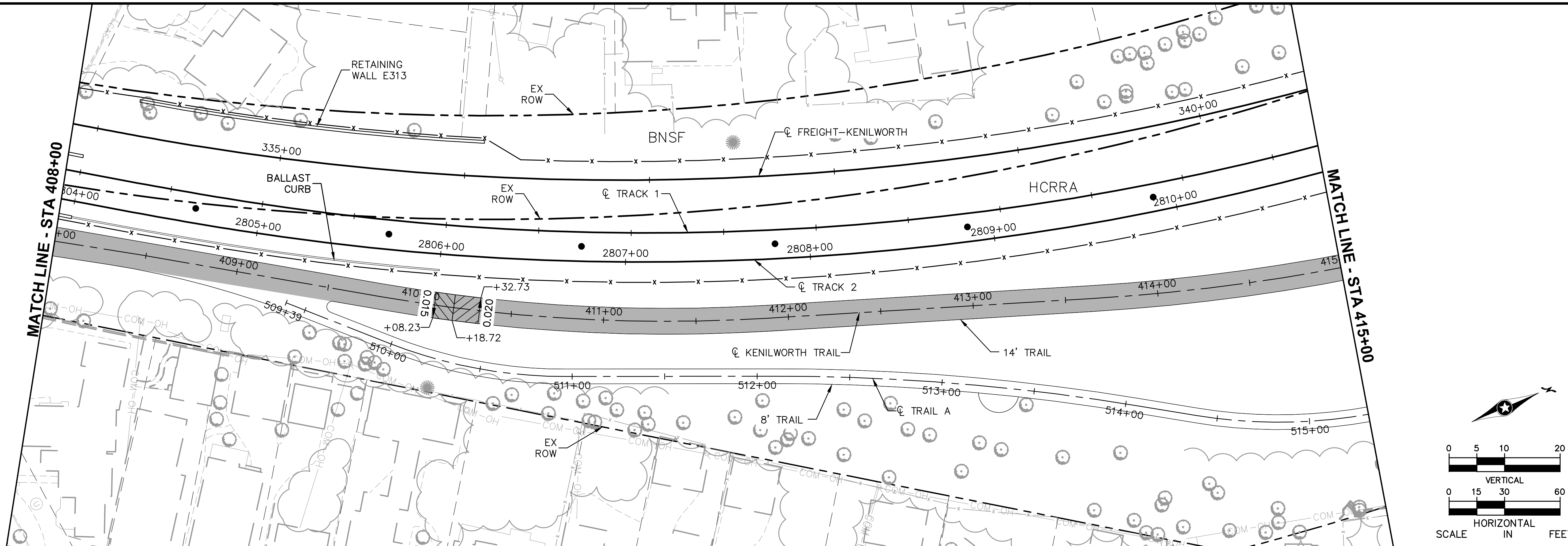
METROPOLITAN COUNCIL

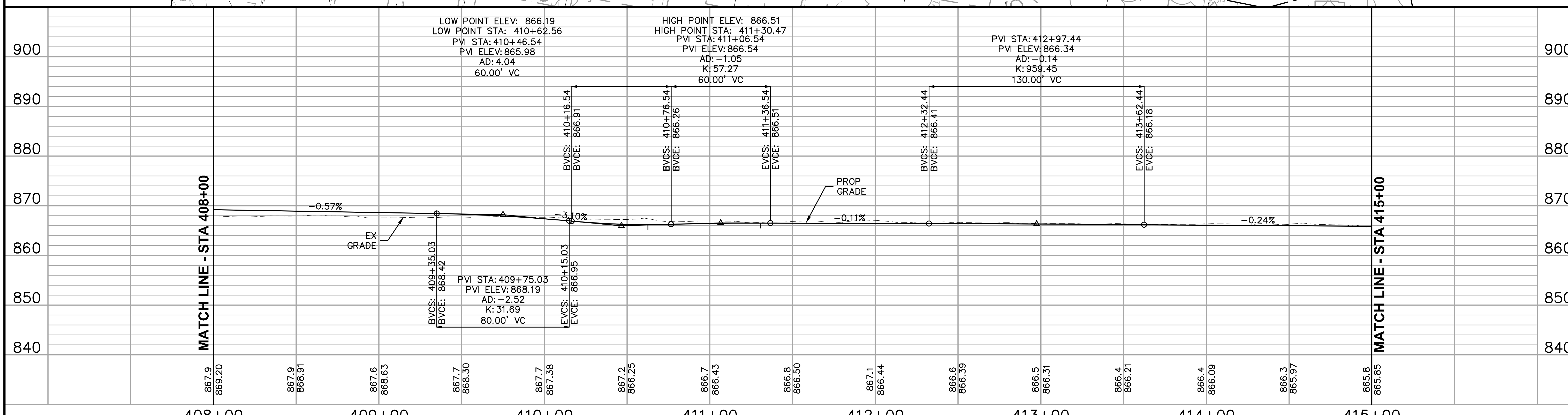
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 401+00 TO STA 408+00

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 009





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

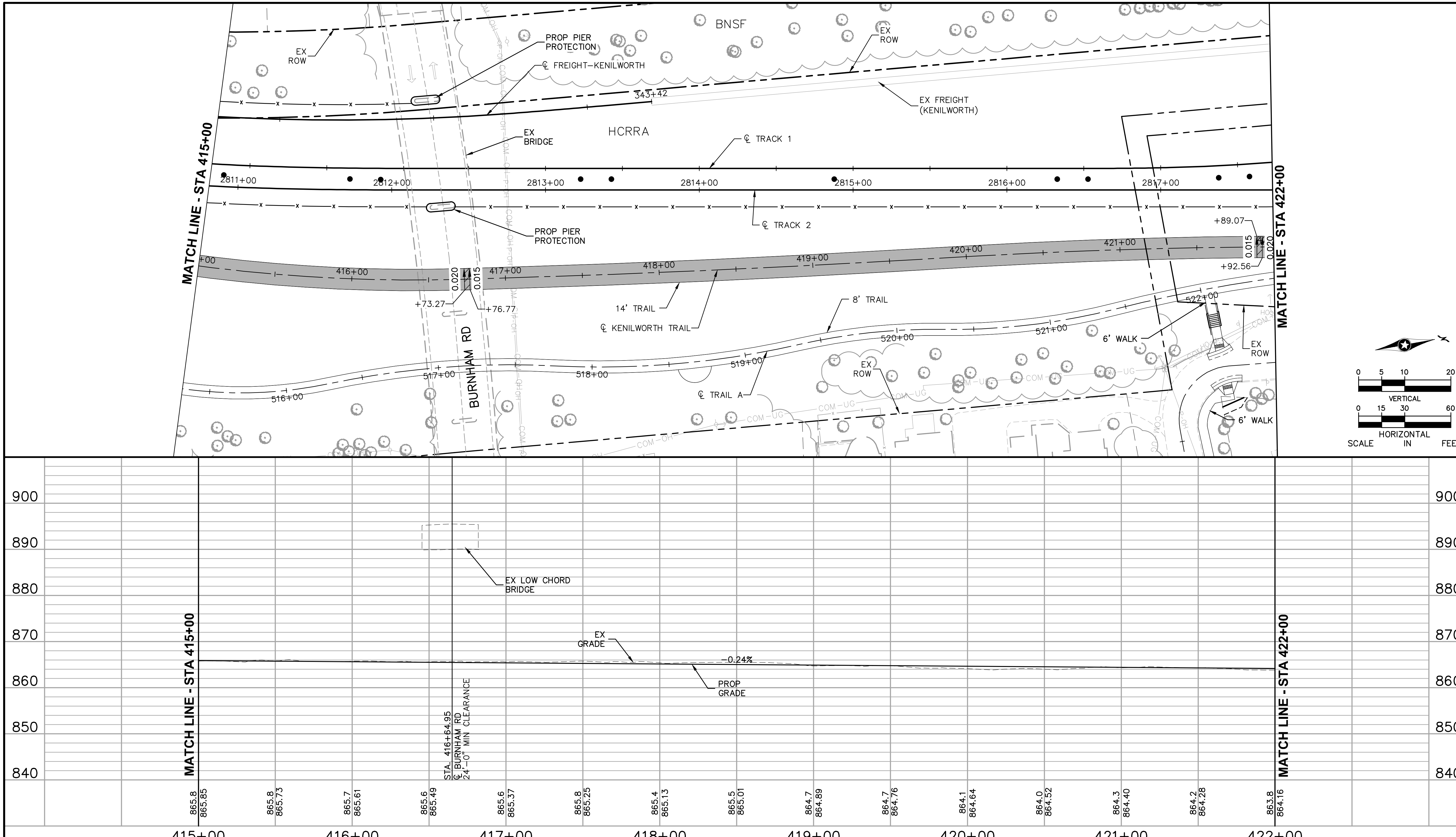
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 408+00 TO STA 415+00

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 010



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

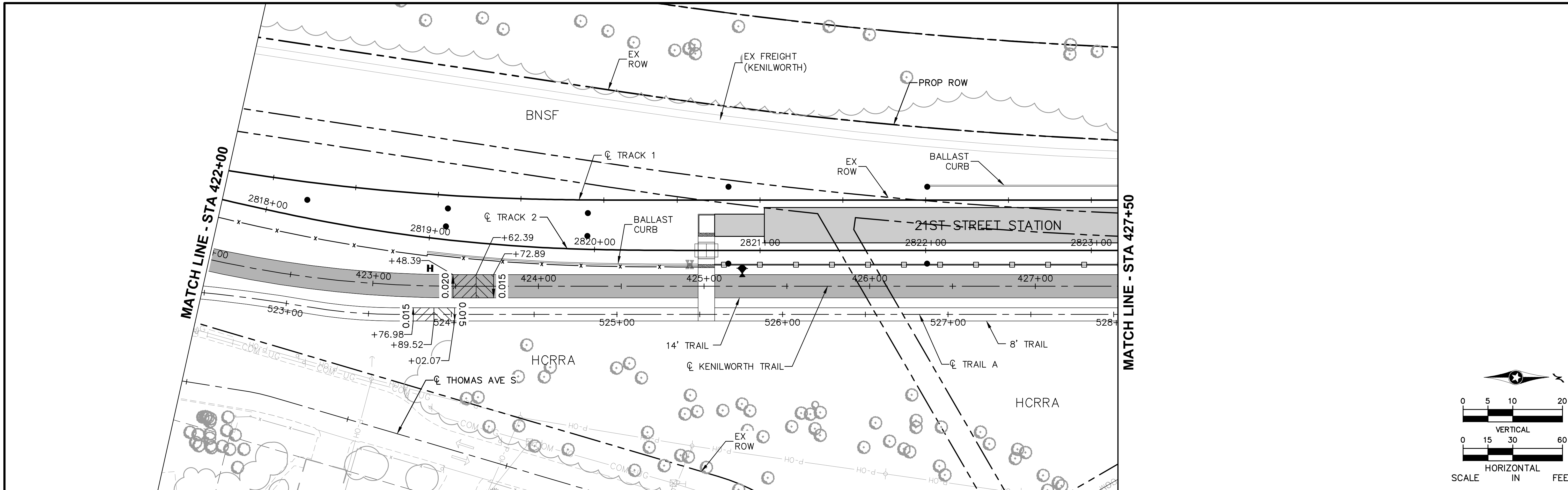
SOUTHWEST Green Line LRT Extension

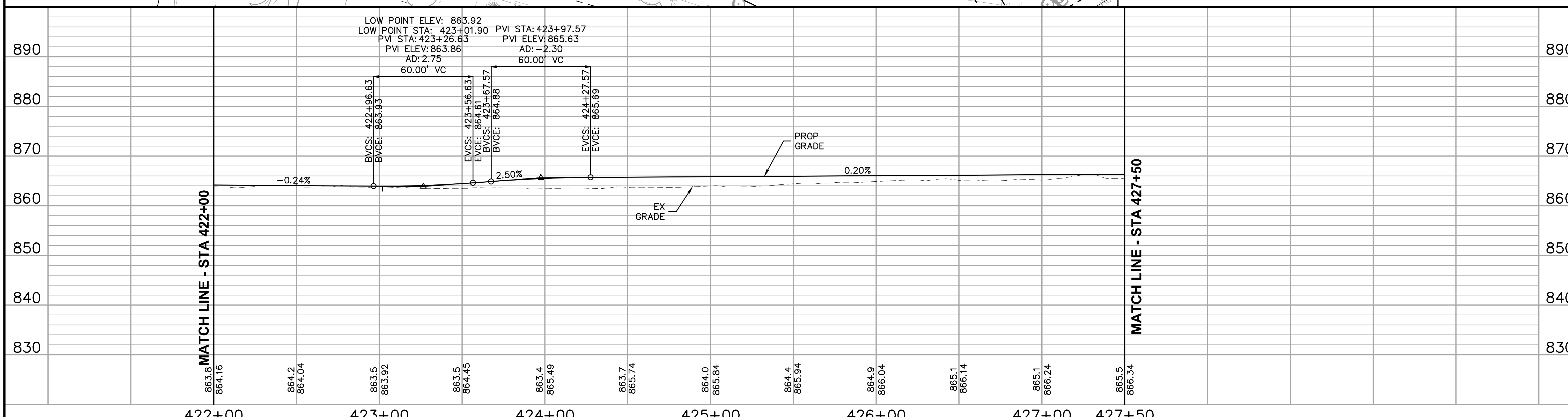
CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 415+00 TO STA 422+00

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 011

Jan. 18 2016 03:13 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

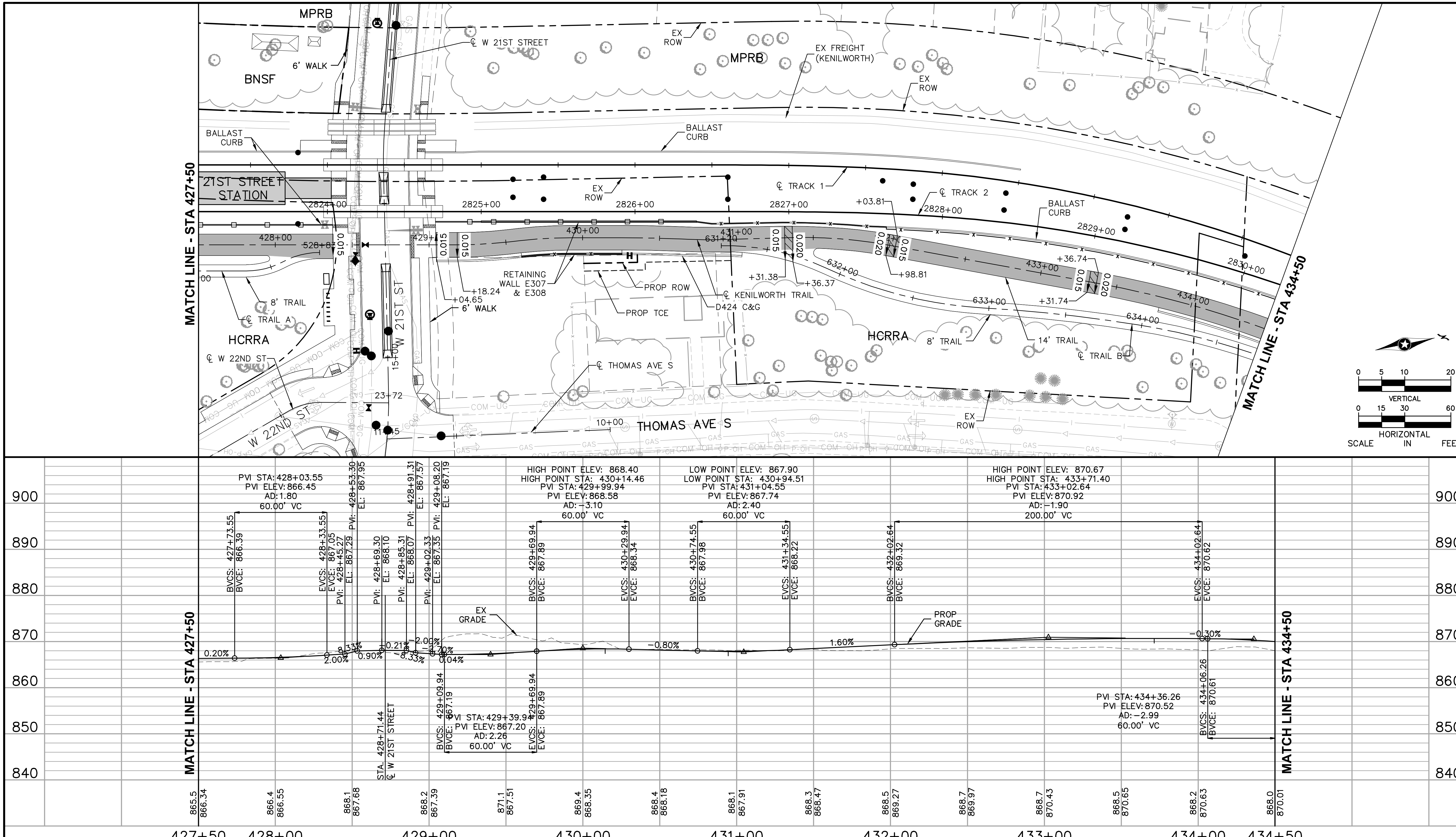
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 422+00 TO STA 427+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 012



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

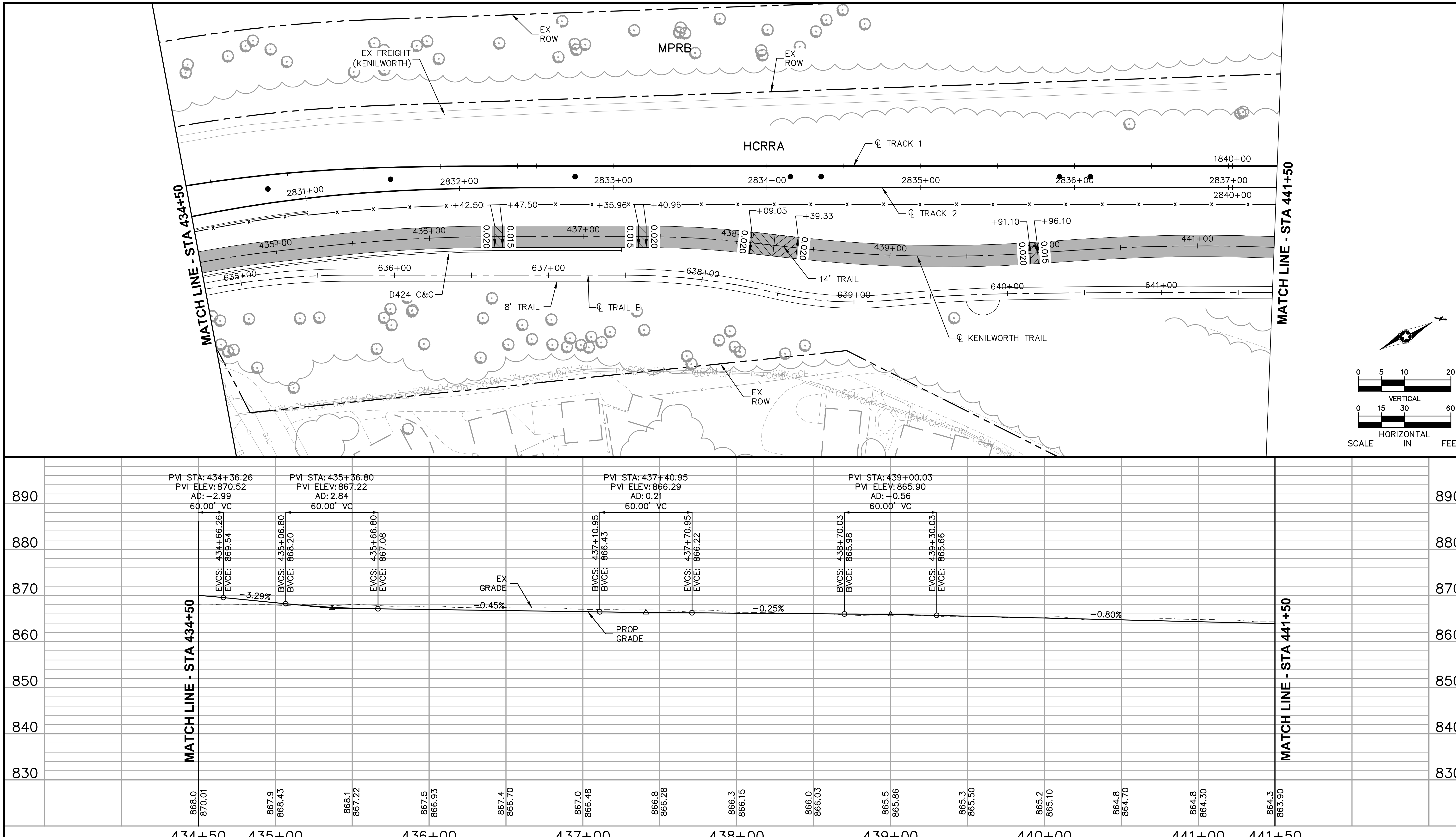
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 427+50 TO STA 434+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 013



Jan, 18 2016 03:15 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

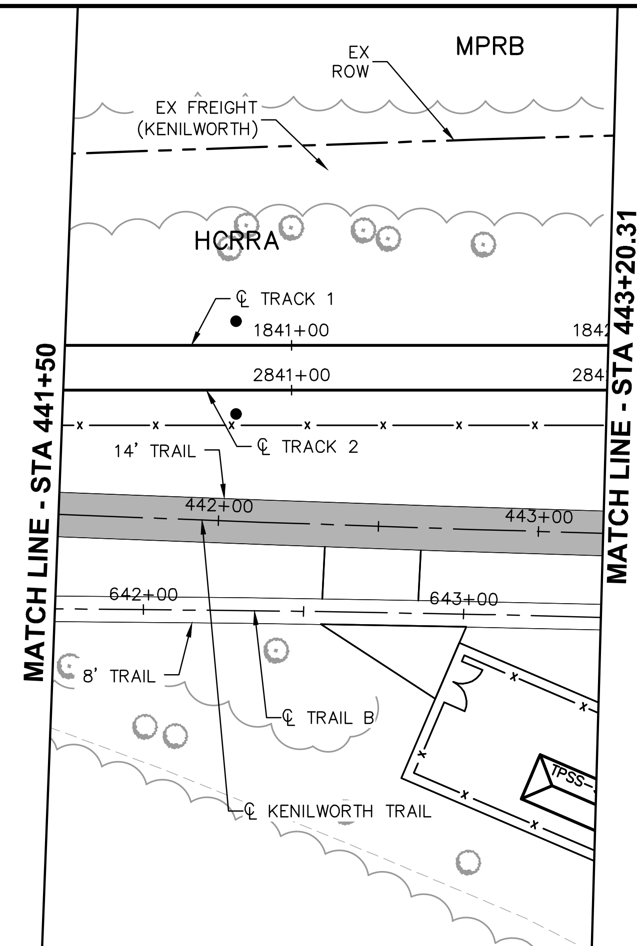
METROPOLITAN COUNCIL

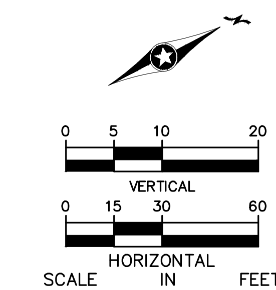
SOUTHWEST Green Line LRT Extension

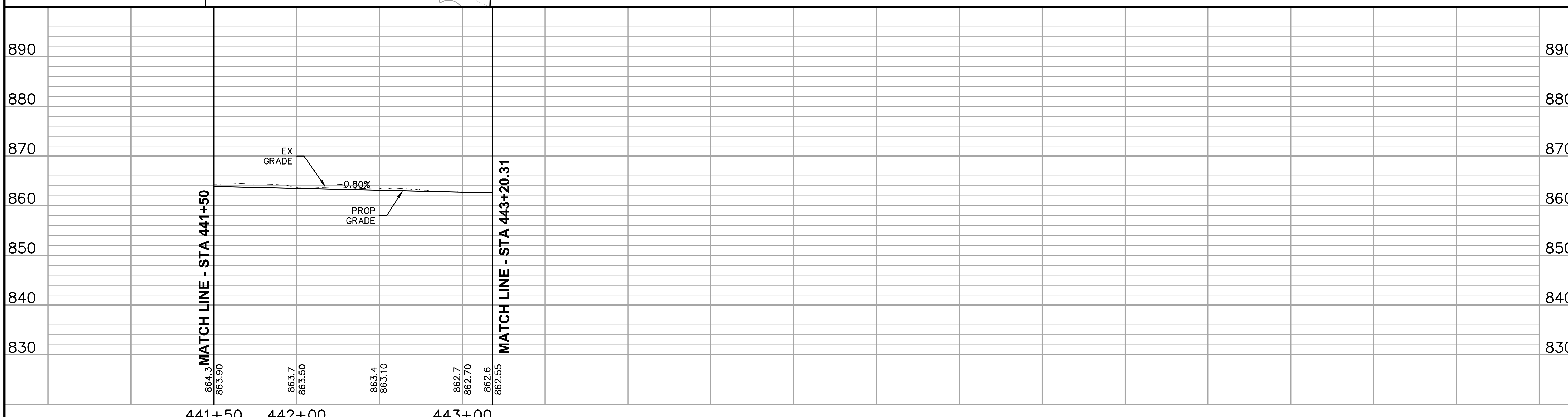
CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 434+50 TO STA 441+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 014







NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

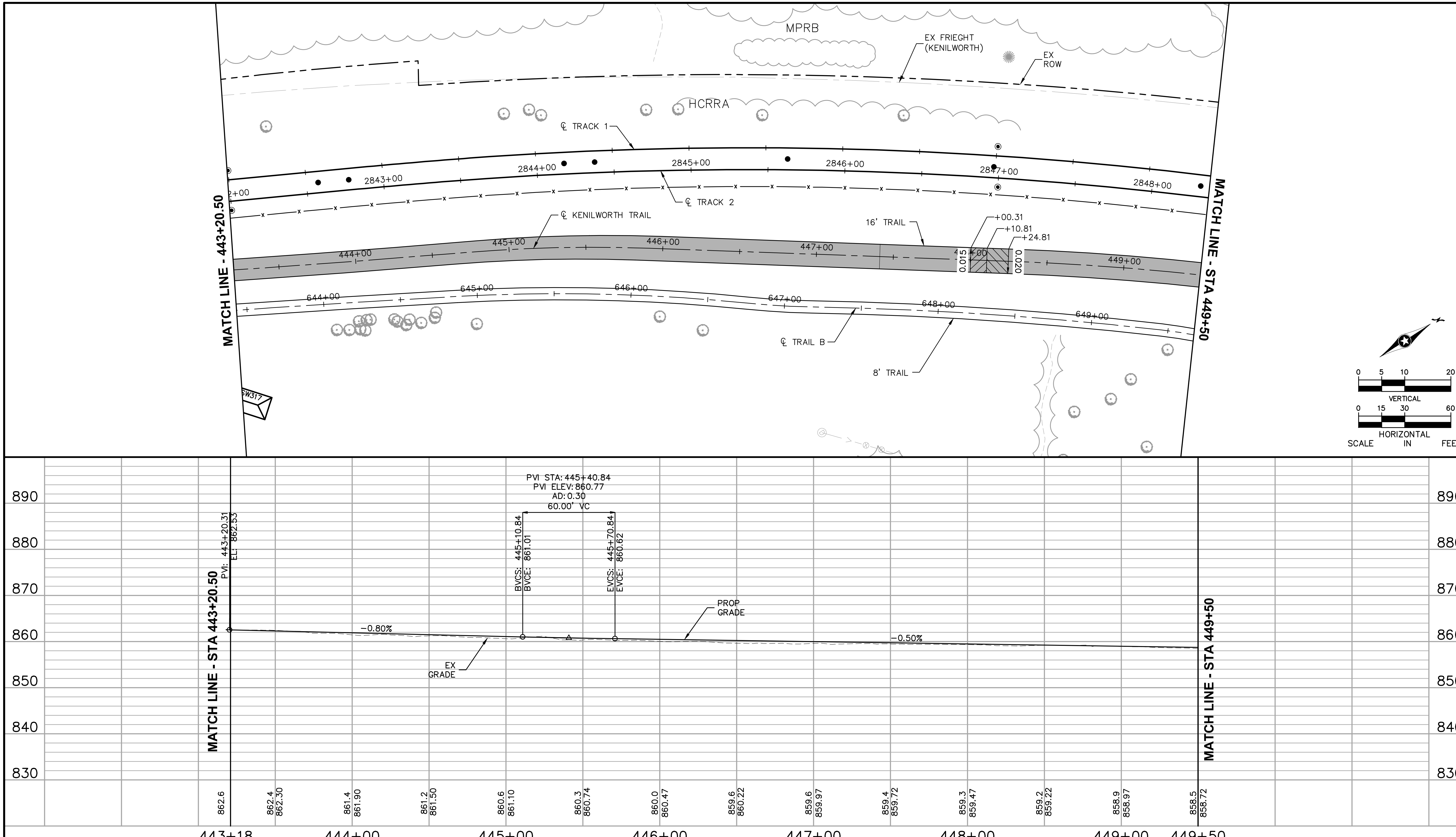
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 441+50 TO STA 443+20.31

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 015



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

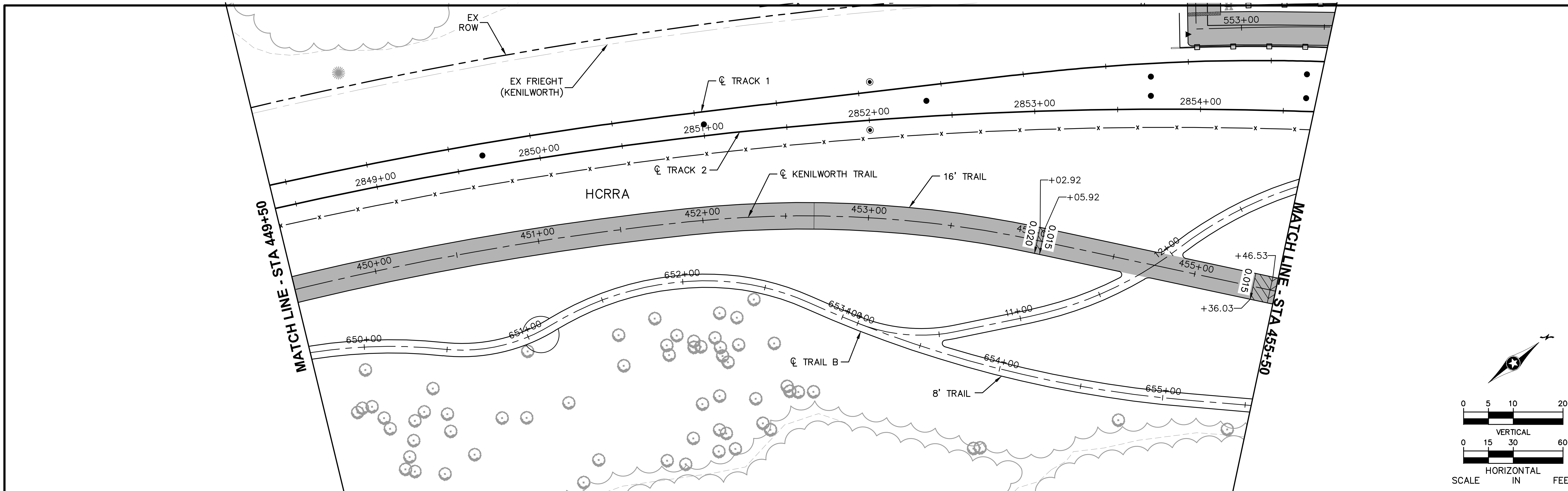
CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 443+20.50 TO STA 449+50

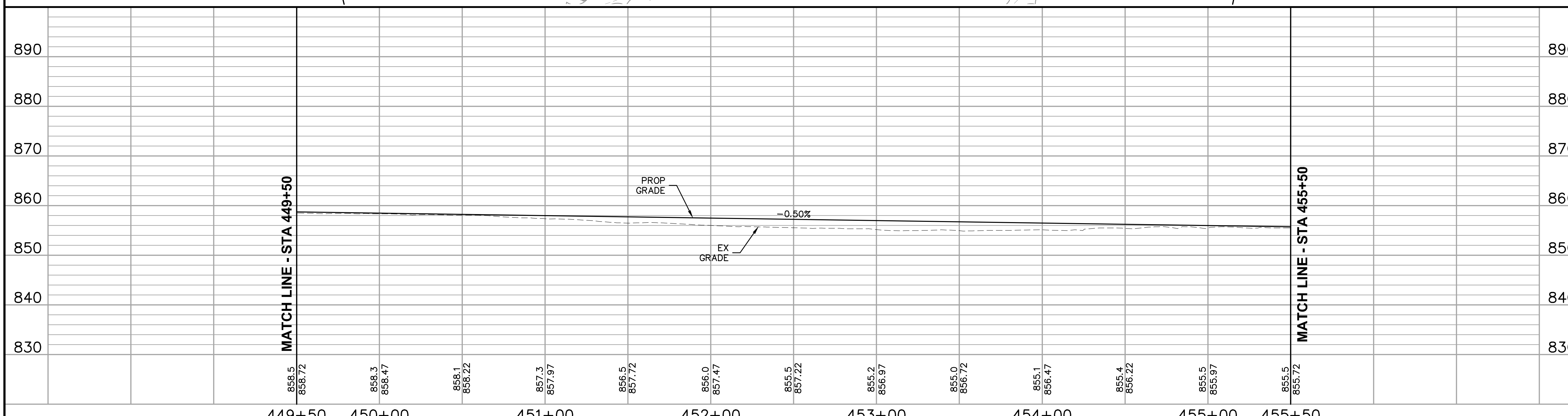
DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 001

SHEET 237 OF 302

Jan, 18 2016 09:10 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: V-TroudtES





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

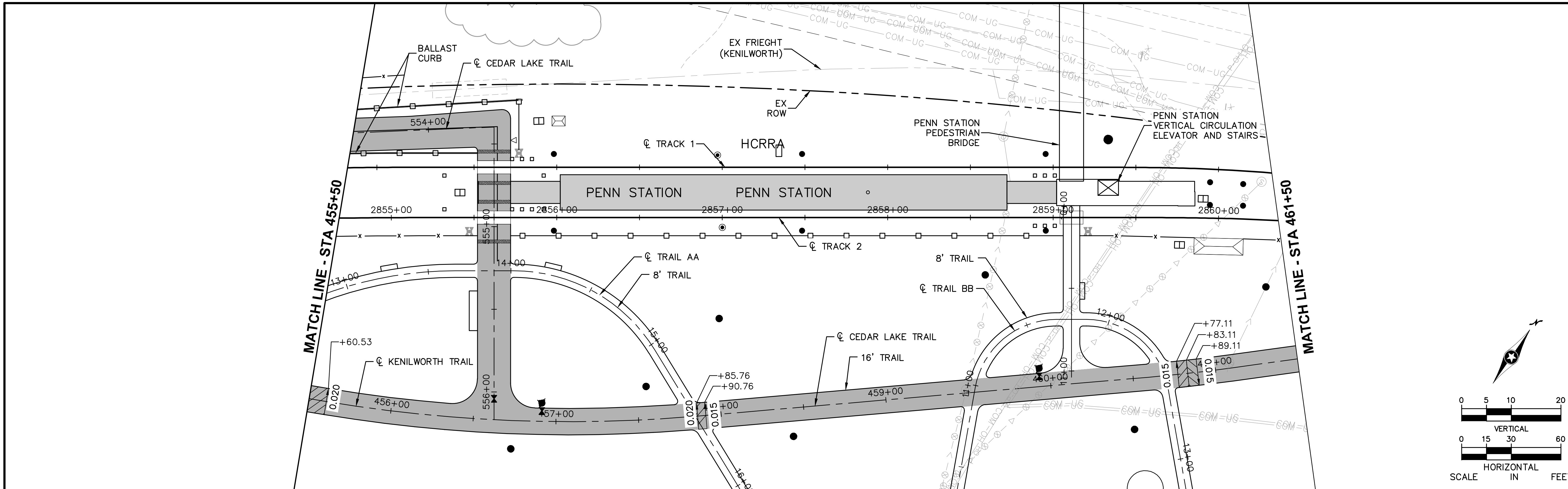
METROPOLITAN COUNCIL

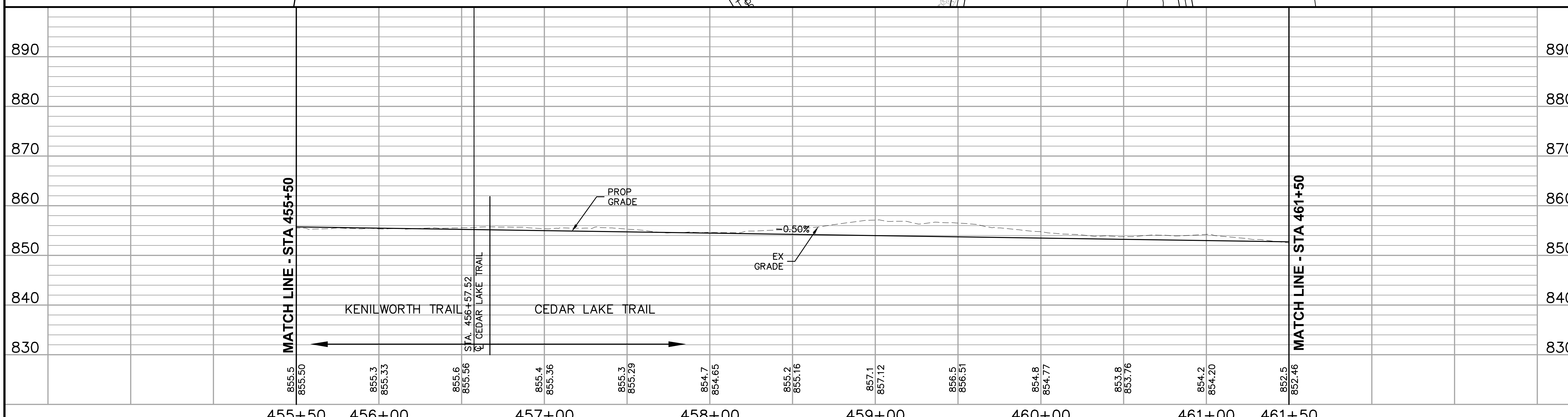
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
KENILWORTH TRAIL
PLAN AND PROFILE
STA 449+50 TO STA 455+50

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 002





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

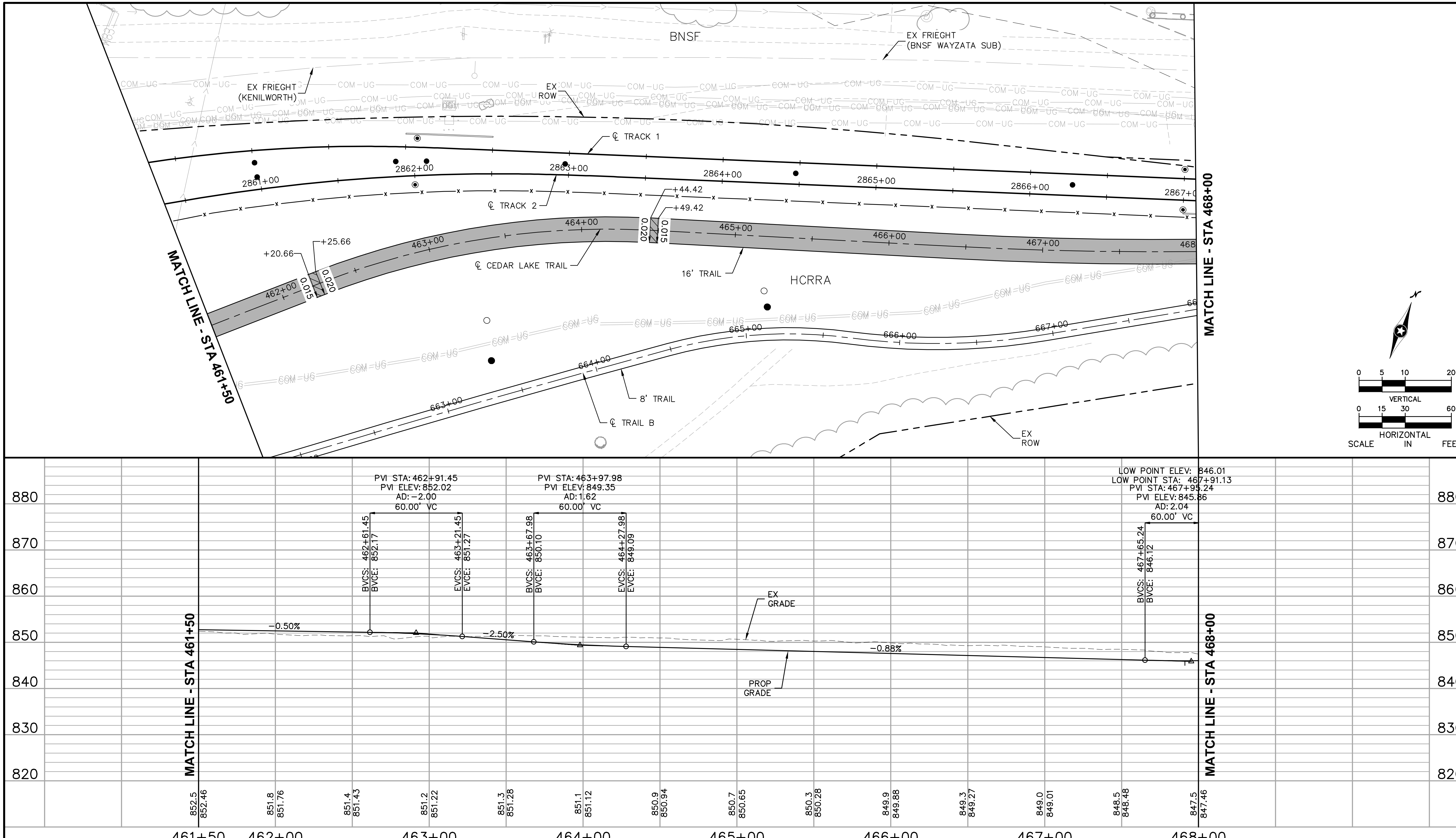
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
KENILWORTH TRAIL/CEDAR LAKE TRAIL PLAN AND PROFILE STA 455+50 TO STA 461+50

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 003

Jan. 18 2016 03:54 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

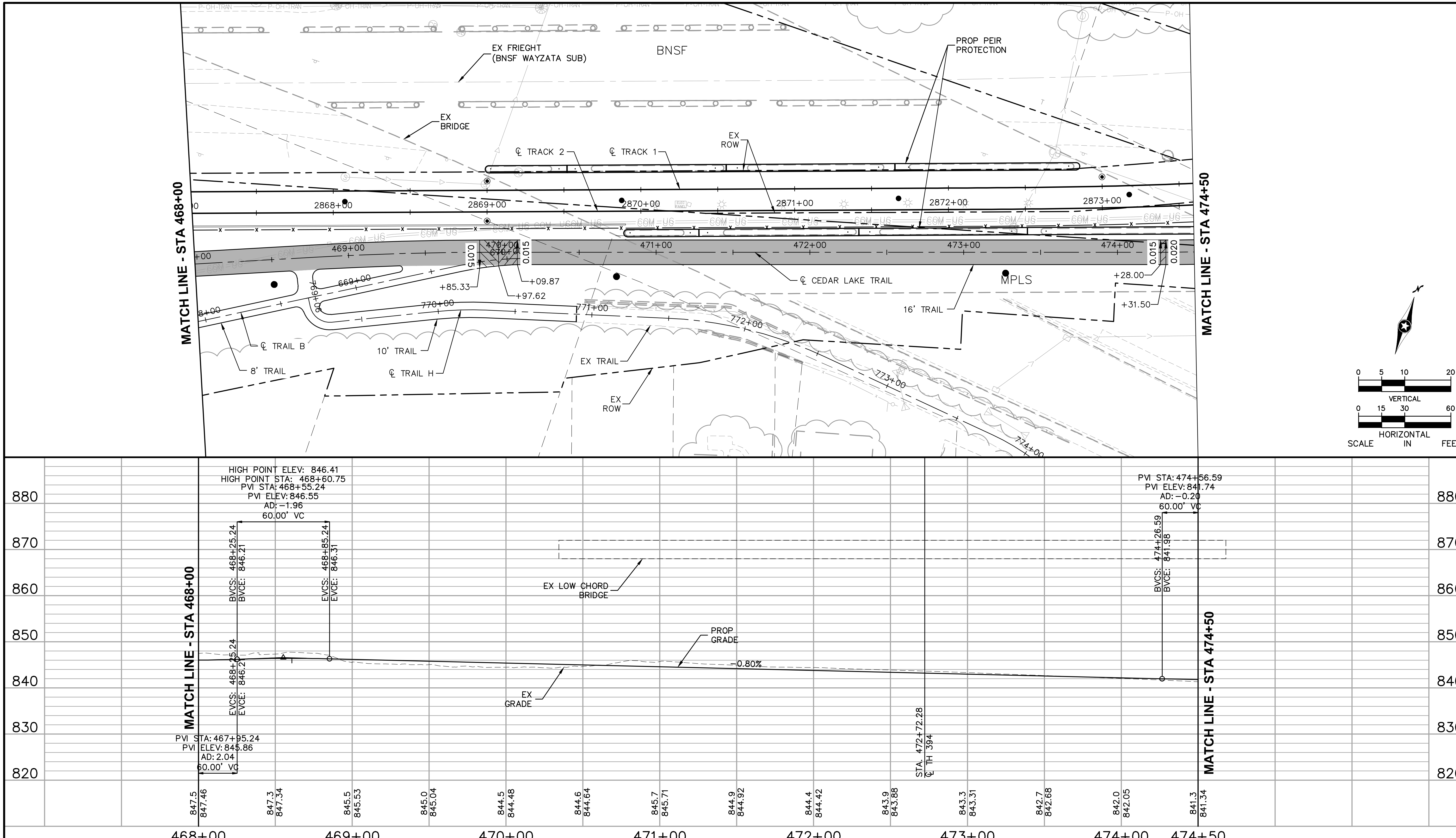
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE TRAIL
PLAN AND PROFILE
STA 461+50 TO STA 468+00

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 004

SHEET 240 OF 302



Jan. 18 2016 09:12 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: V-TroudtES

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

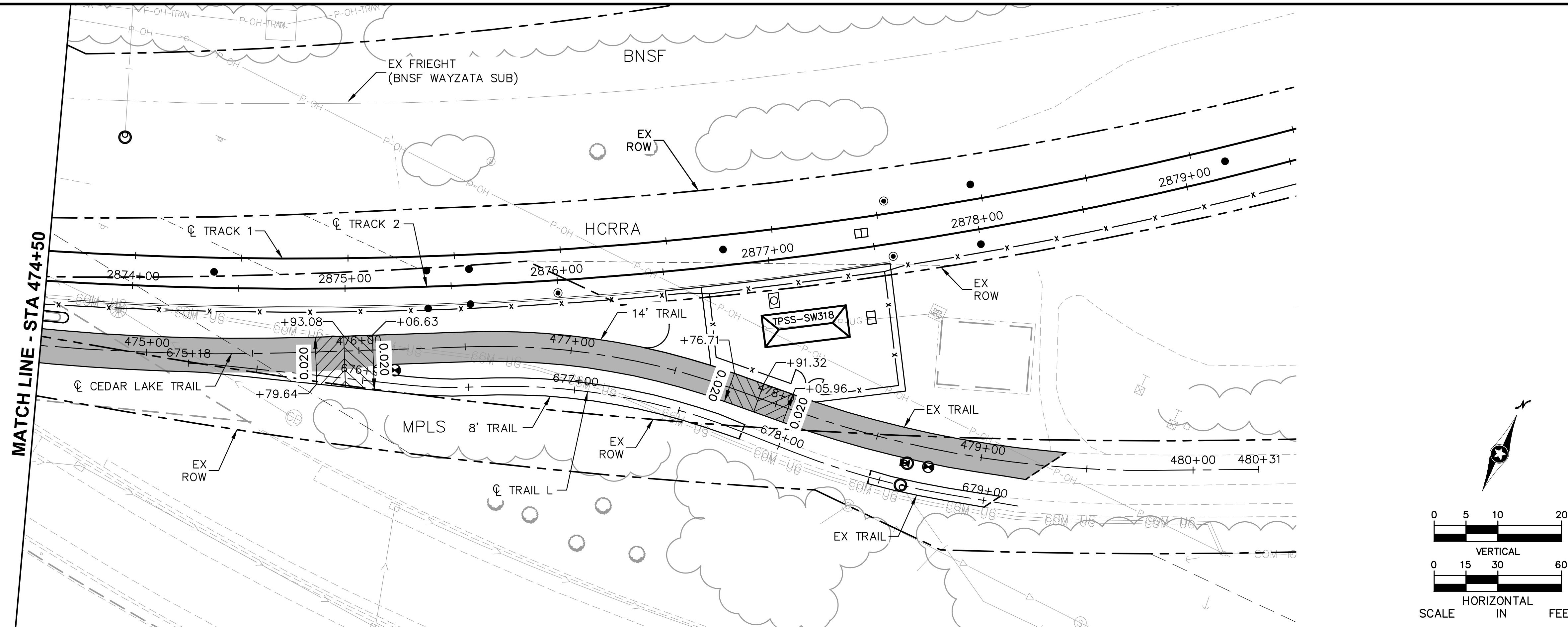
METROPOLITAN COUNCIL

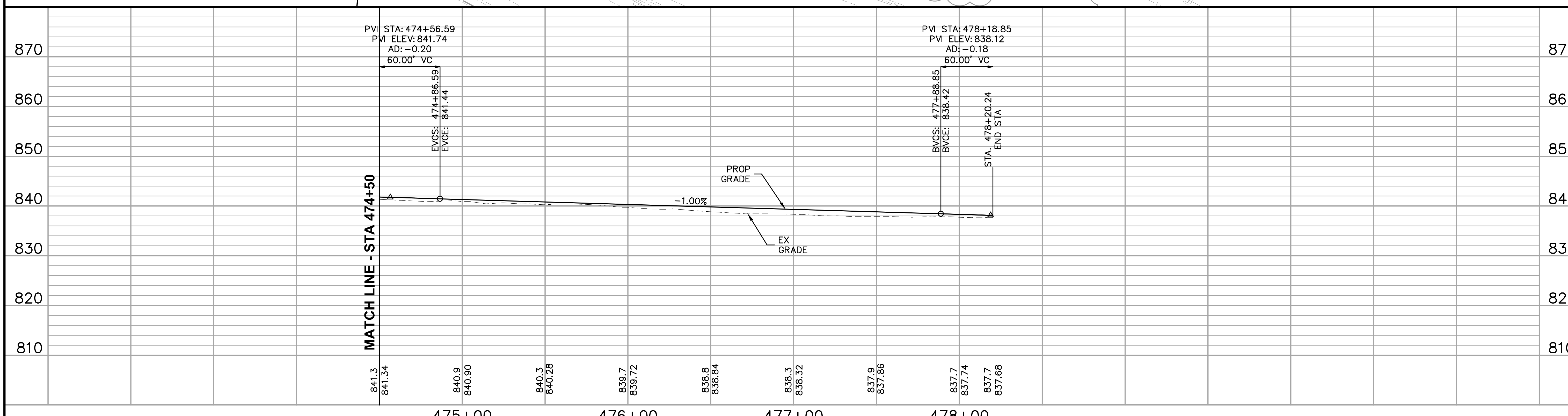
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE TRAIL
PLAN AND PROFILE
STA 468+00 TO STA 474+50

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 005





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

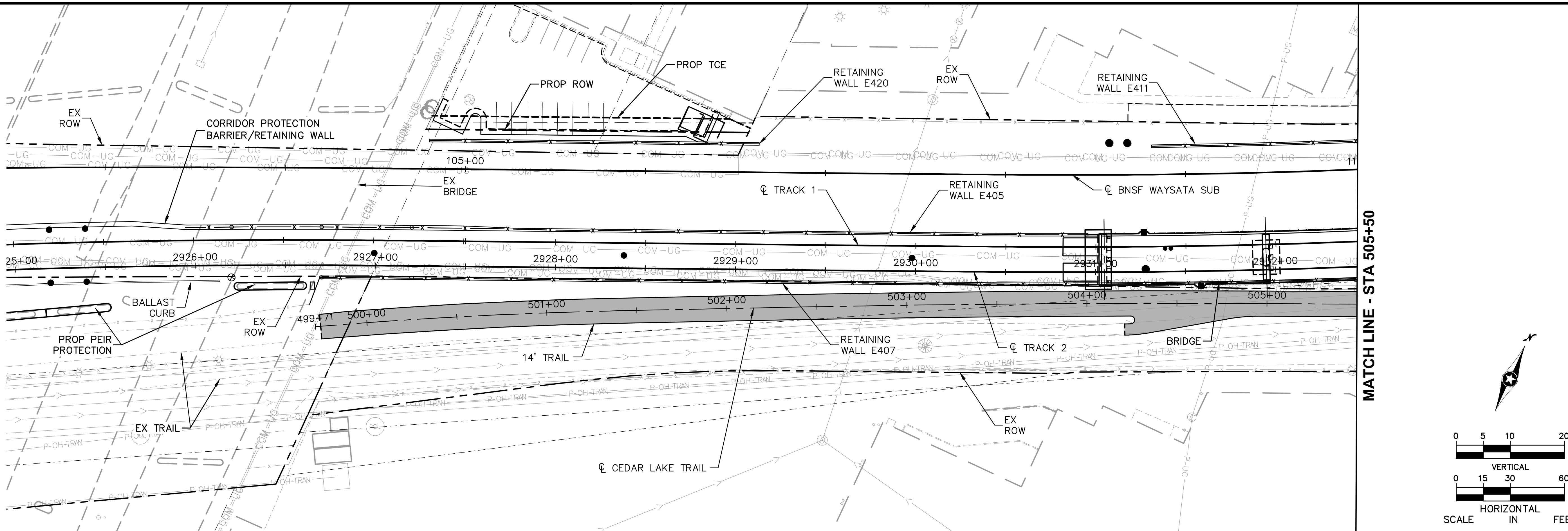
CIVIL - VOLUME 2B
CEDAR LAKE TRAIL PLAN AND PROFILE
STA 474+50 TO STA 480+31

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 006

SHEET 242 OF 302

Jan, 18 2016 03:57 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

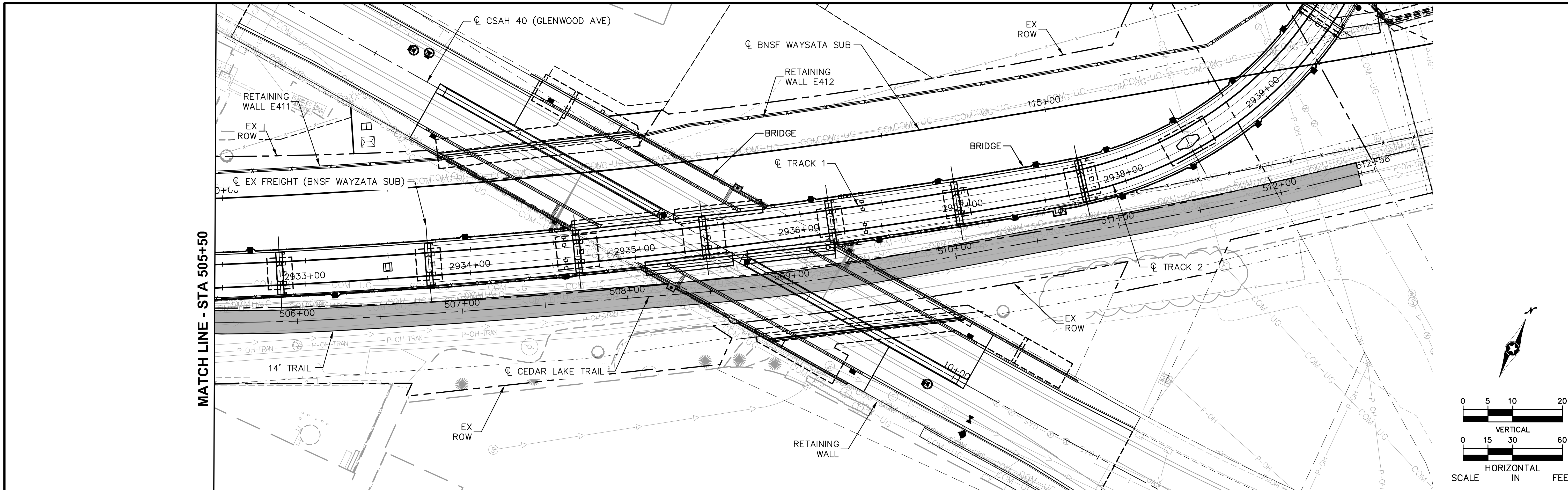
CIVIL - VOLUME 2B
CEDAR LAKE TRAIL
PLAN AND PROFILE
STA 449+71 TO STA 505+50

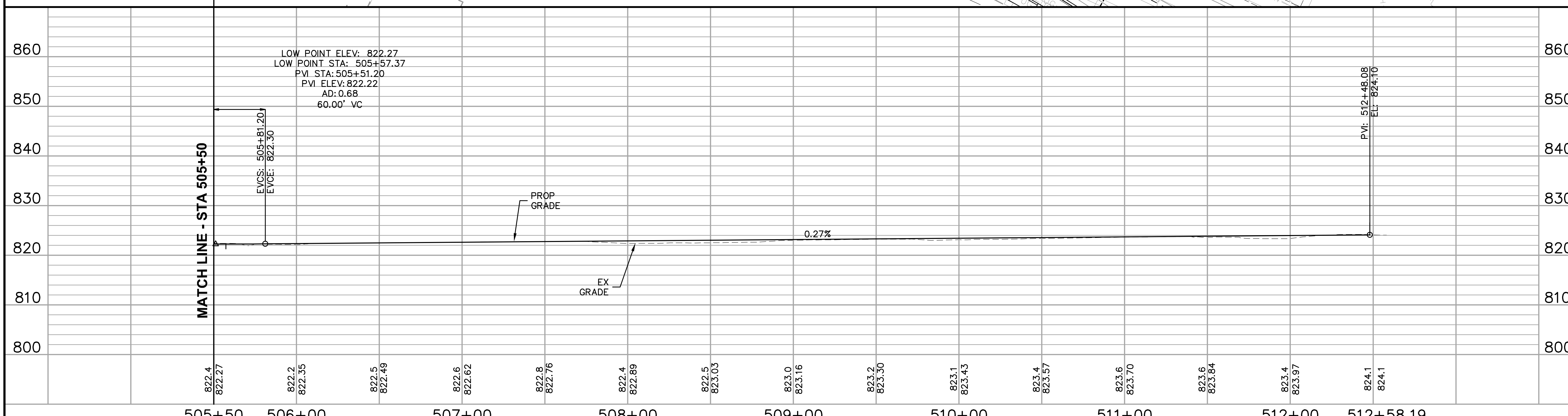
DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 007

SHEET 243 OF 302

Jan, 18 2016 09:13 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: V-TroudtES





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

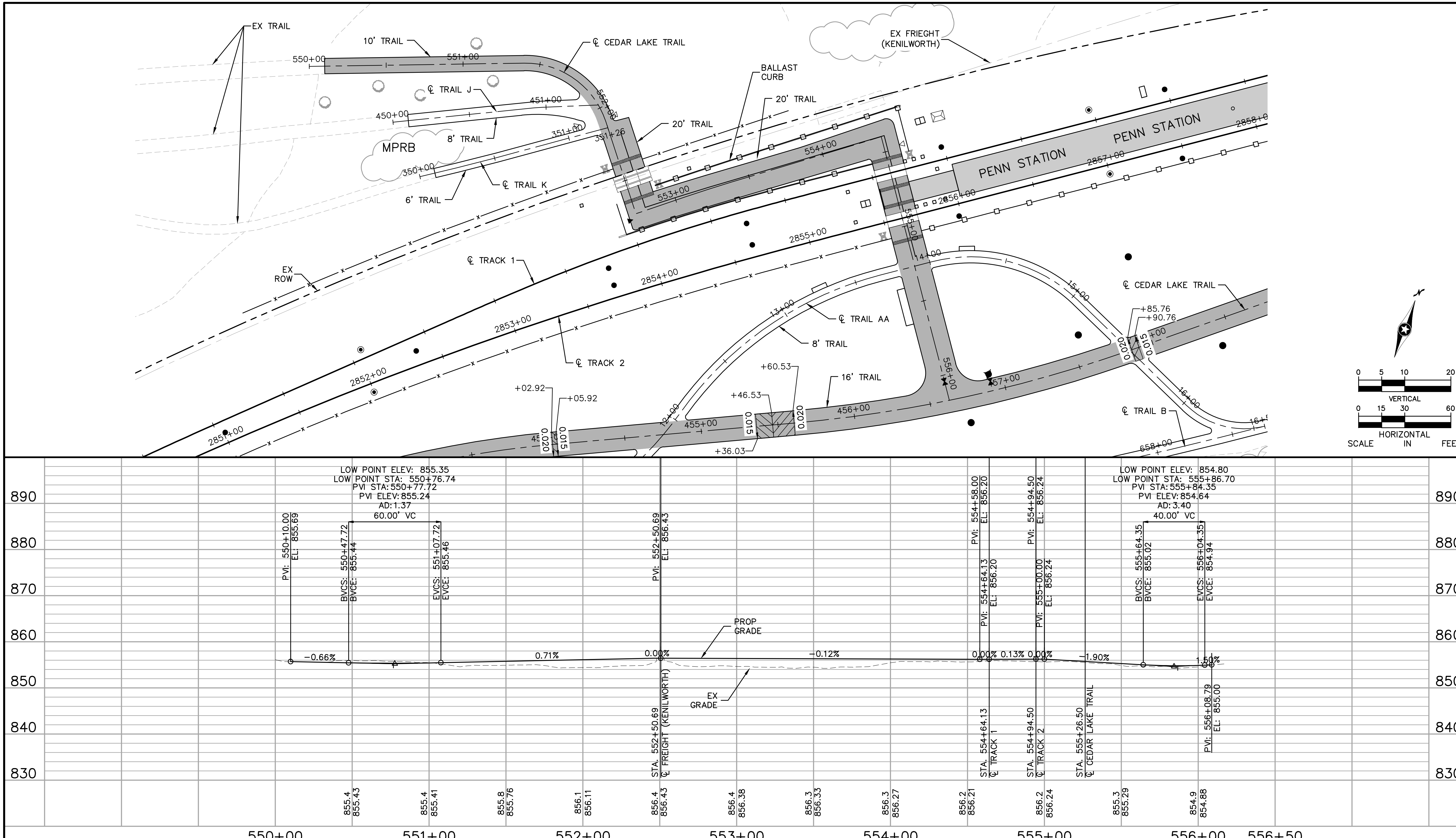
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE TRAIL
PLAN AND PROFILE
STA 505+50 TO STA 512+58.19

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 008



Jan. 18 2016 09:15 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: V-TroudtES

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

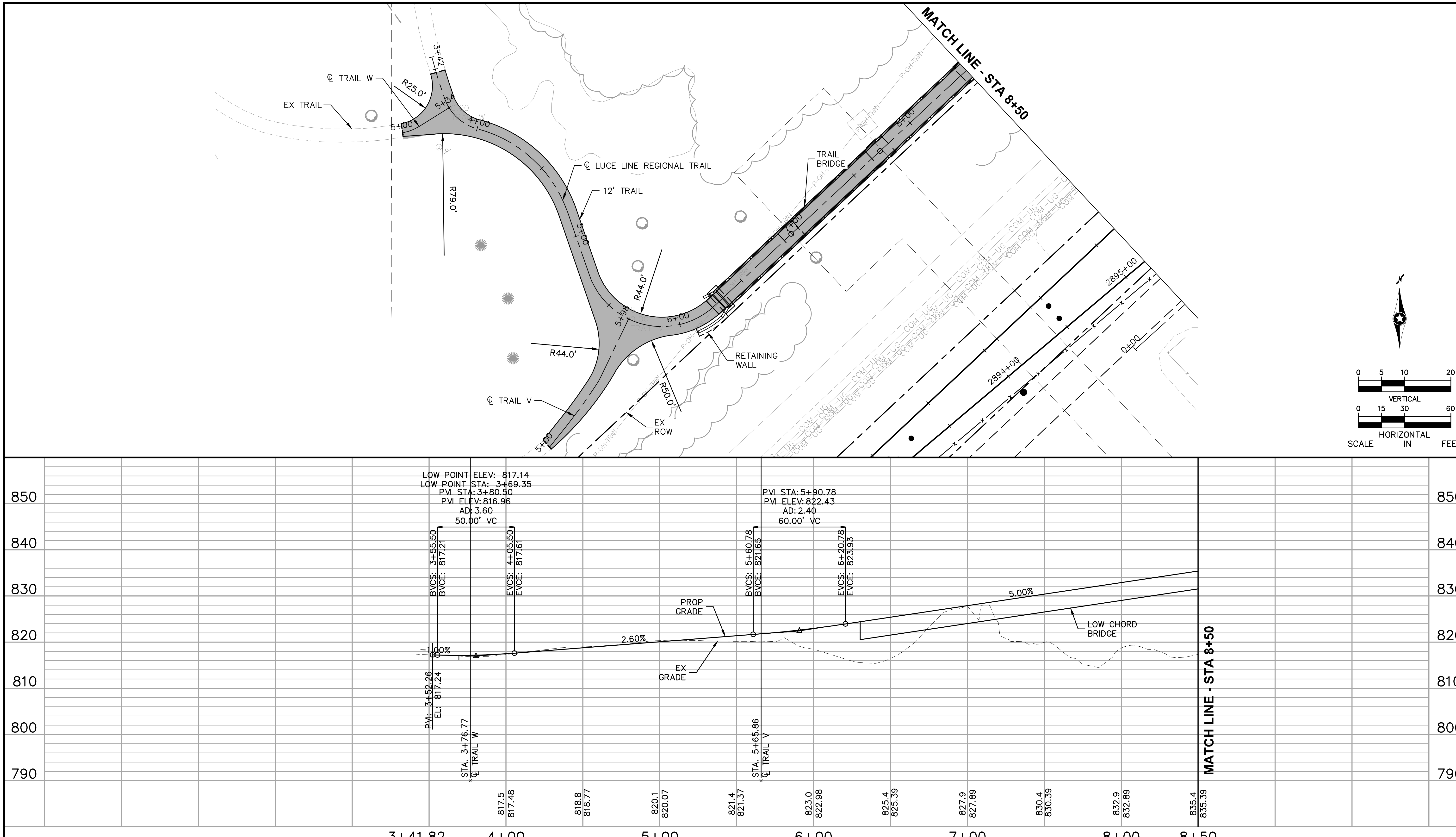
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
CEDAR LAKE TRAIL
PLAN AND PROFILE
STA 550+10 TO STA 556+12.80

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 009



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

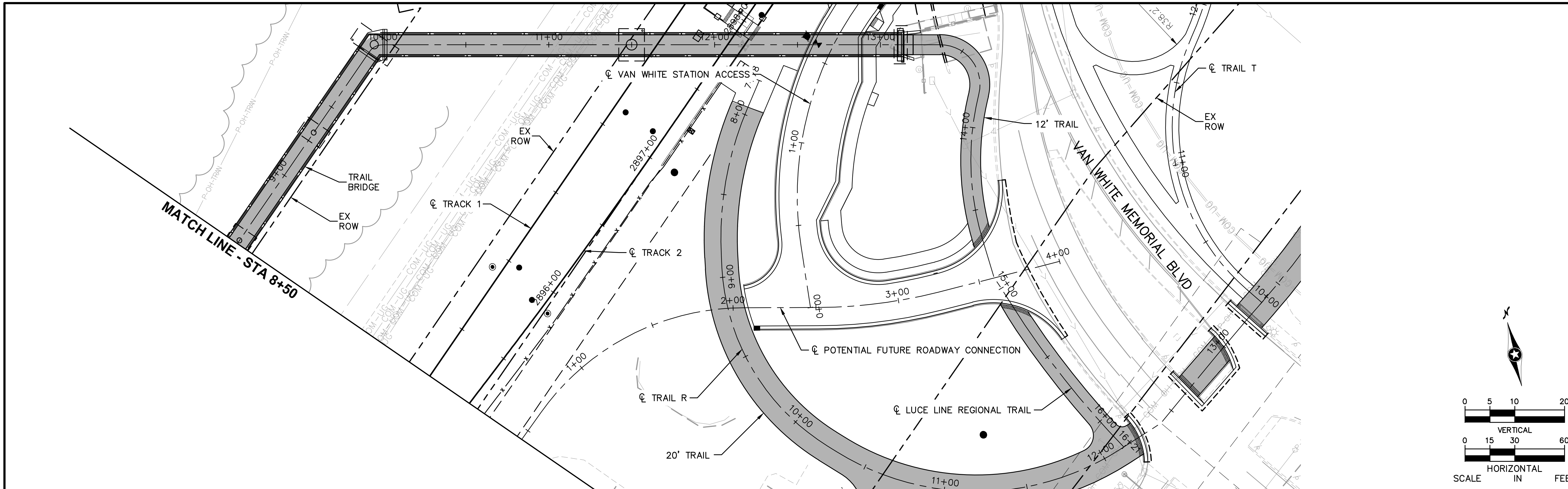
CIVIL - VOLUME 2B
LUCE LINE REGIONAL TRAIL
PLAN AND PROFILE
STA 3+52.26 TO STA 8+50

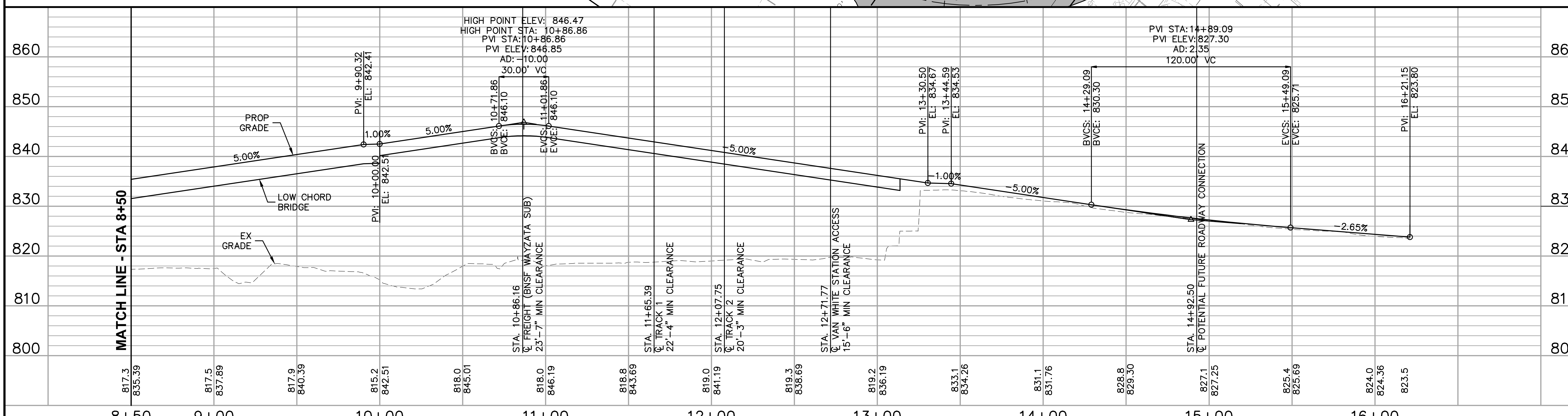
DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 010

SHEET 246 OF 302

Jan, 18 2016 09:15 am V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: V-TroudtES





NO. | DATE | BY | CHECK | DESIGN | REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

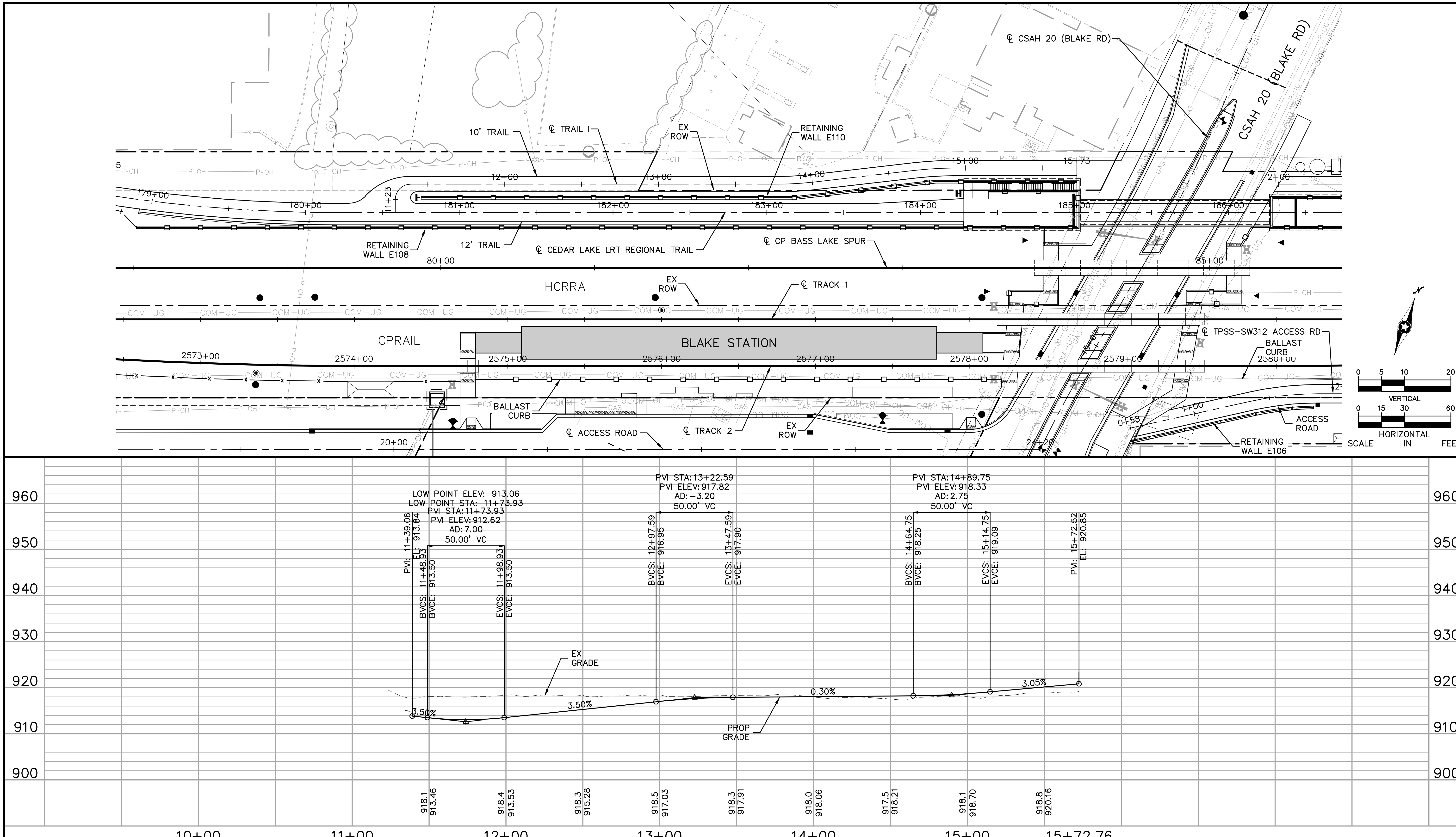
CIVIL - VOLUME 2B
LUCE LINE REGIONAL TRAIL PLAN AND PROFILE
STA 8+50 TO STA 16+21.15

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 011

SHEET 247 OF 302

Jan. 18 2016 03:58 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

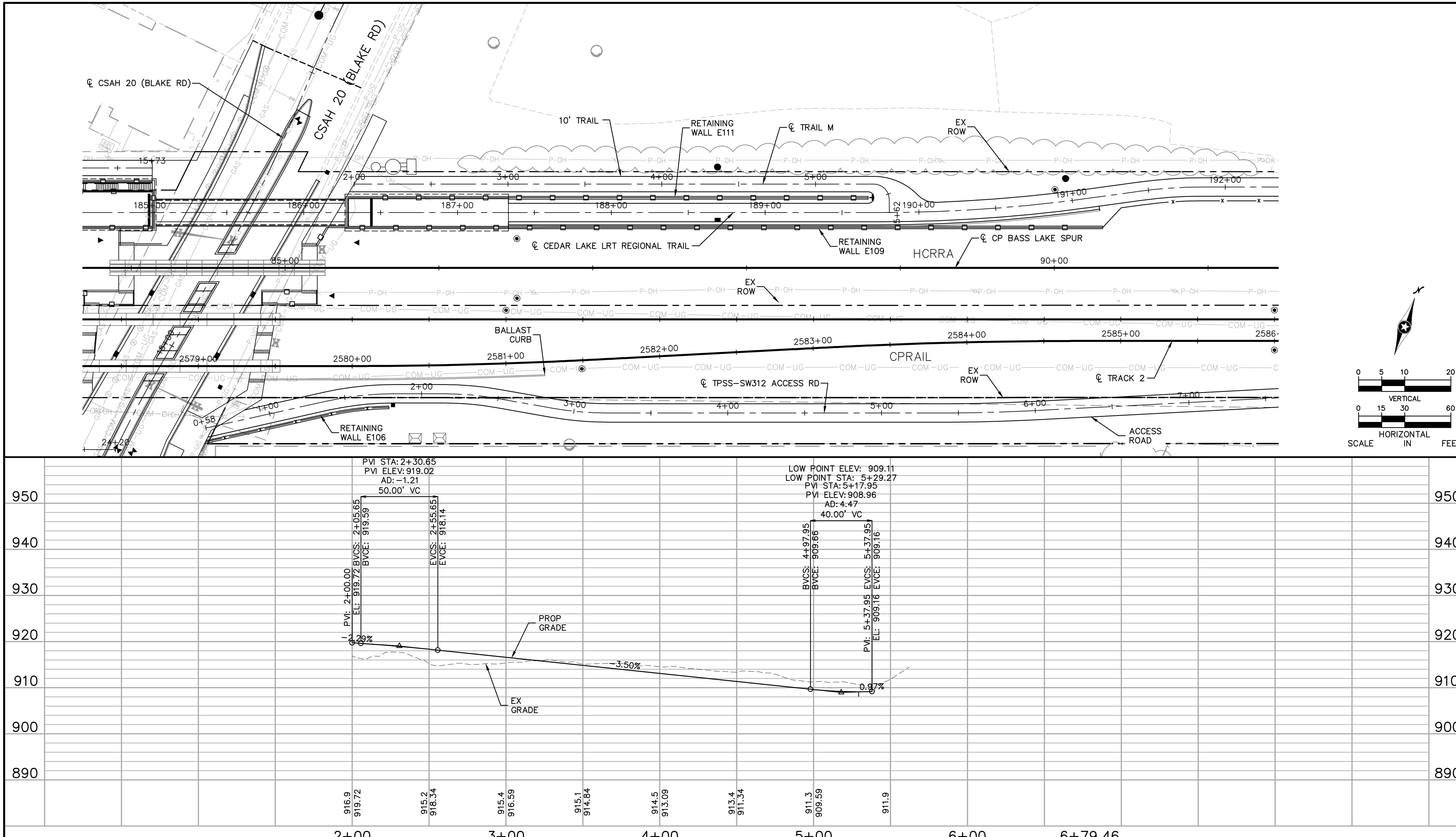
CIVIL - VOLUME 2B
TRAIL I
PLAN AND PROFILE
STA 11+23 TO STA 15+73

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 014

SHEET 248 OF 302

Jan, 18 2016 03:06 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG



Jan. 18 2016 03:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GoloszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

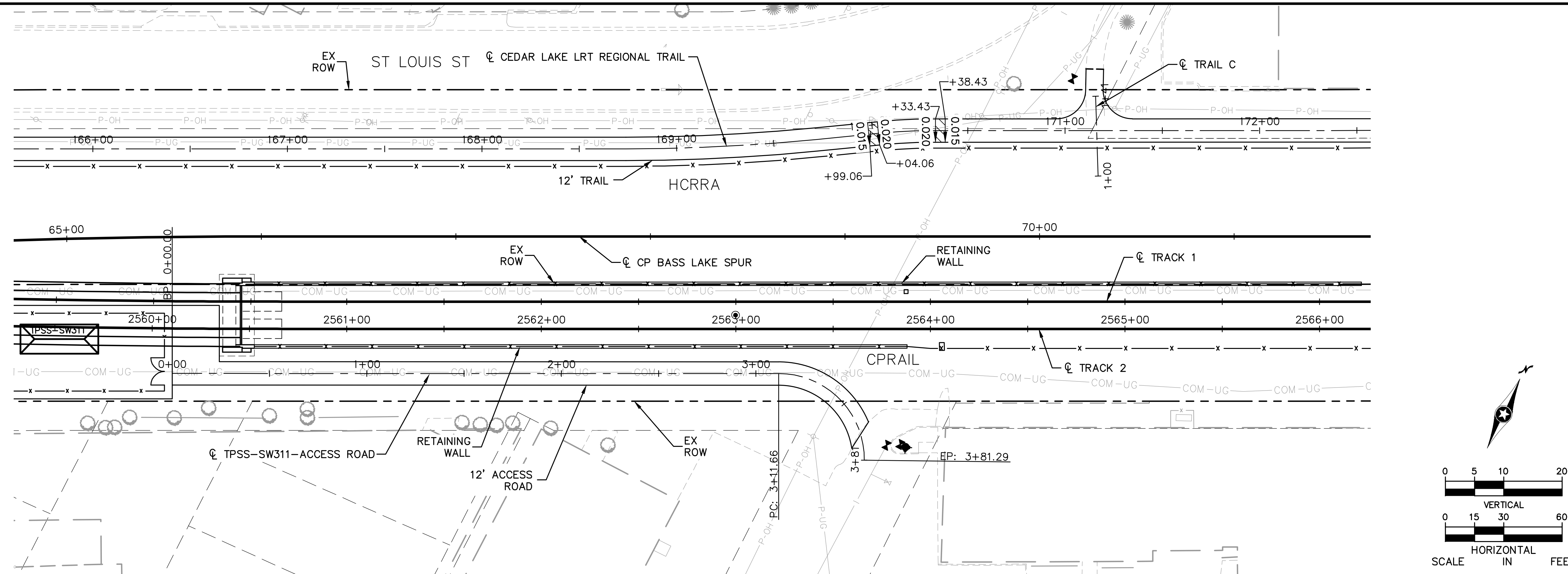
METROPOLITAN COUNCIL

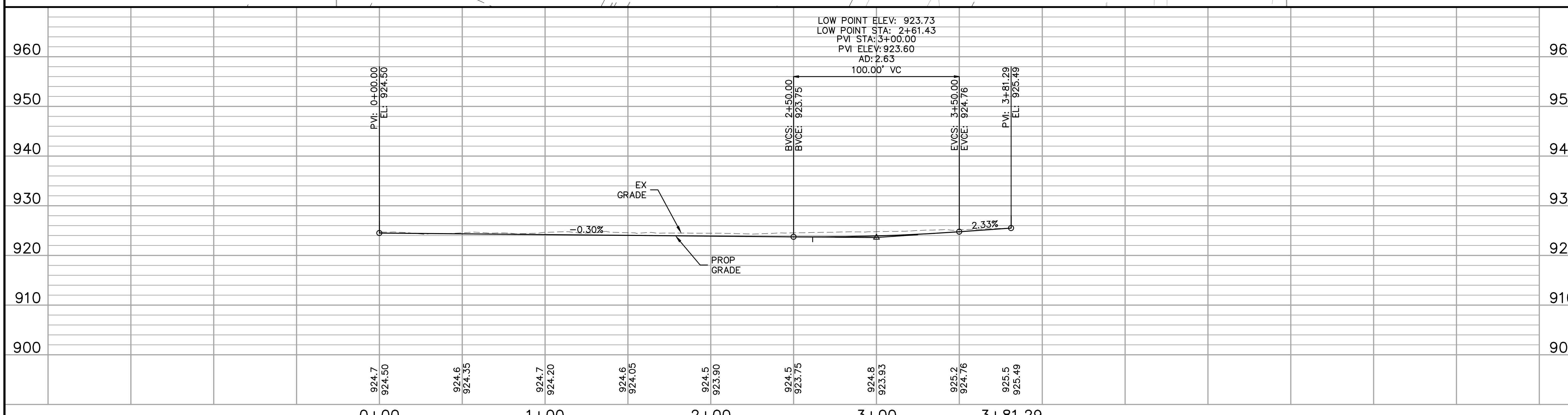
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL M
PLAN AND PROFILE
STA 2+00 TO STA 5+62

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 015





Jan, 18 2016 02:53 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

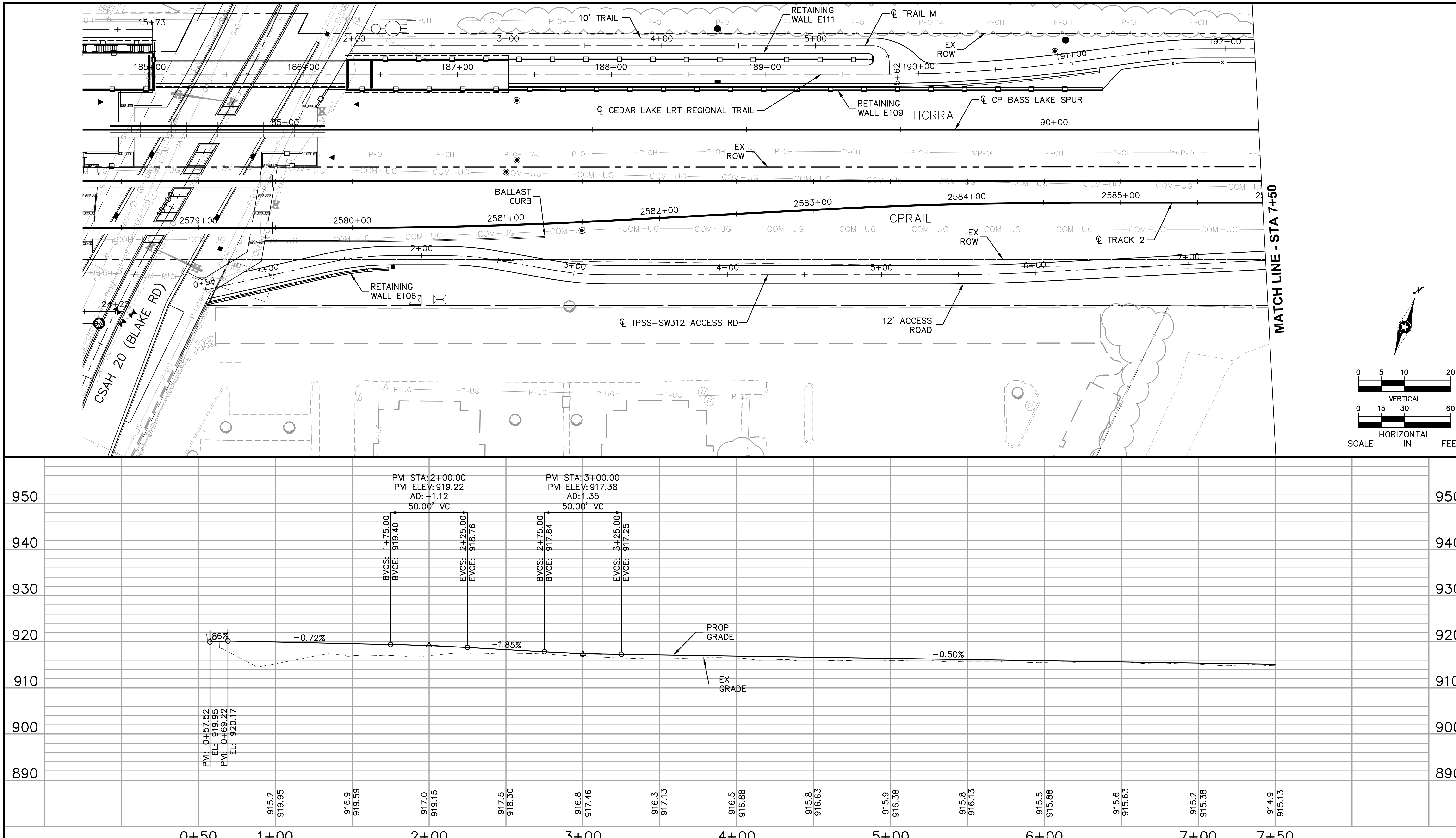
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TPSS-SW311 ACCESS ROAD PLAN AND PROFILE STA 0+00 TO STA 3+81.29

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 016

SHEET 250 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

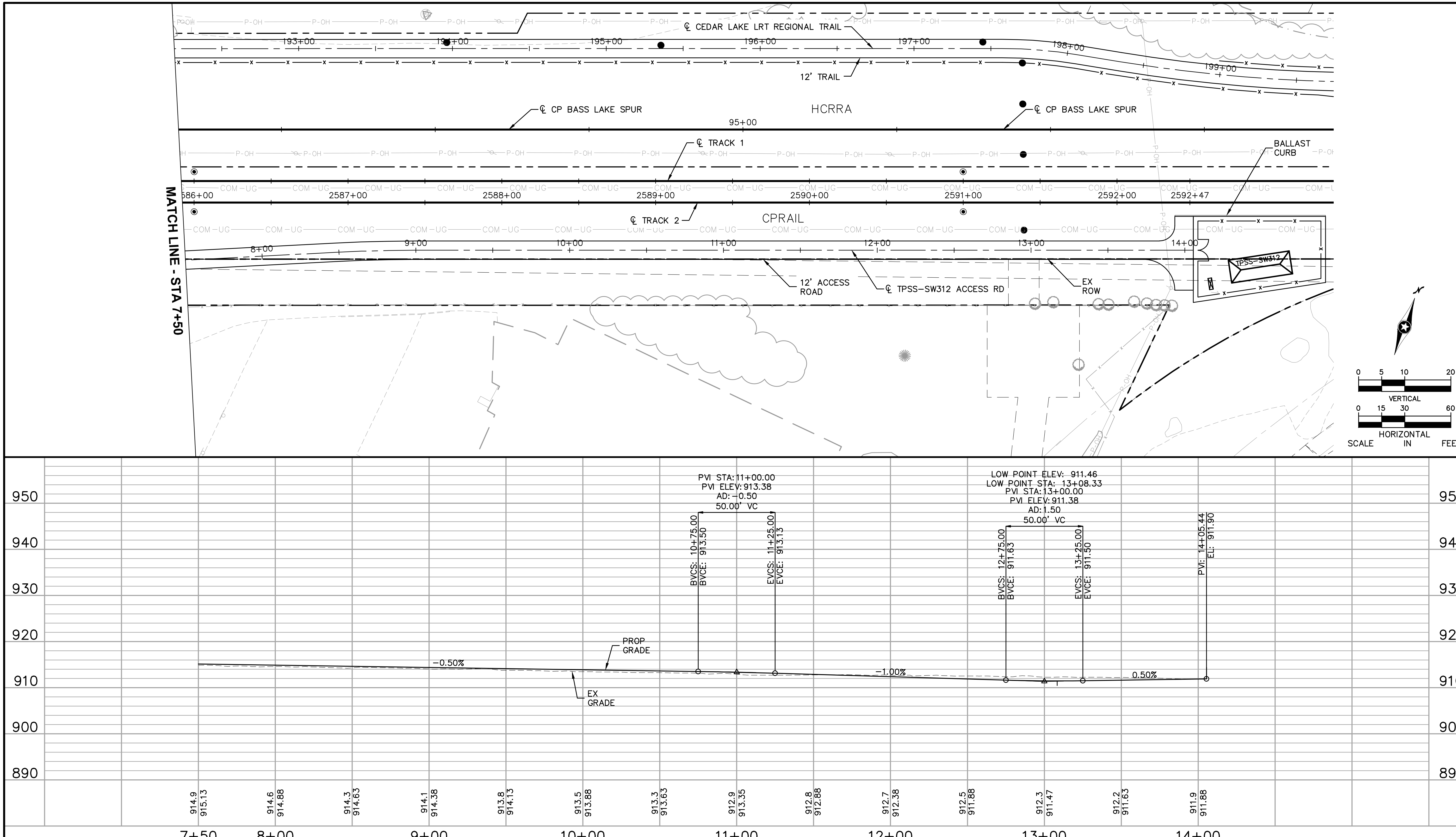
CIVIL - VOLUME 2B
TPSS-SW312 ACCESS ROAD
PLAN AND PROFILE
STA 0+50 TO STA 7+50

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 017

SHEET 251 OF 302

Jan, 18 2016 02:54 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

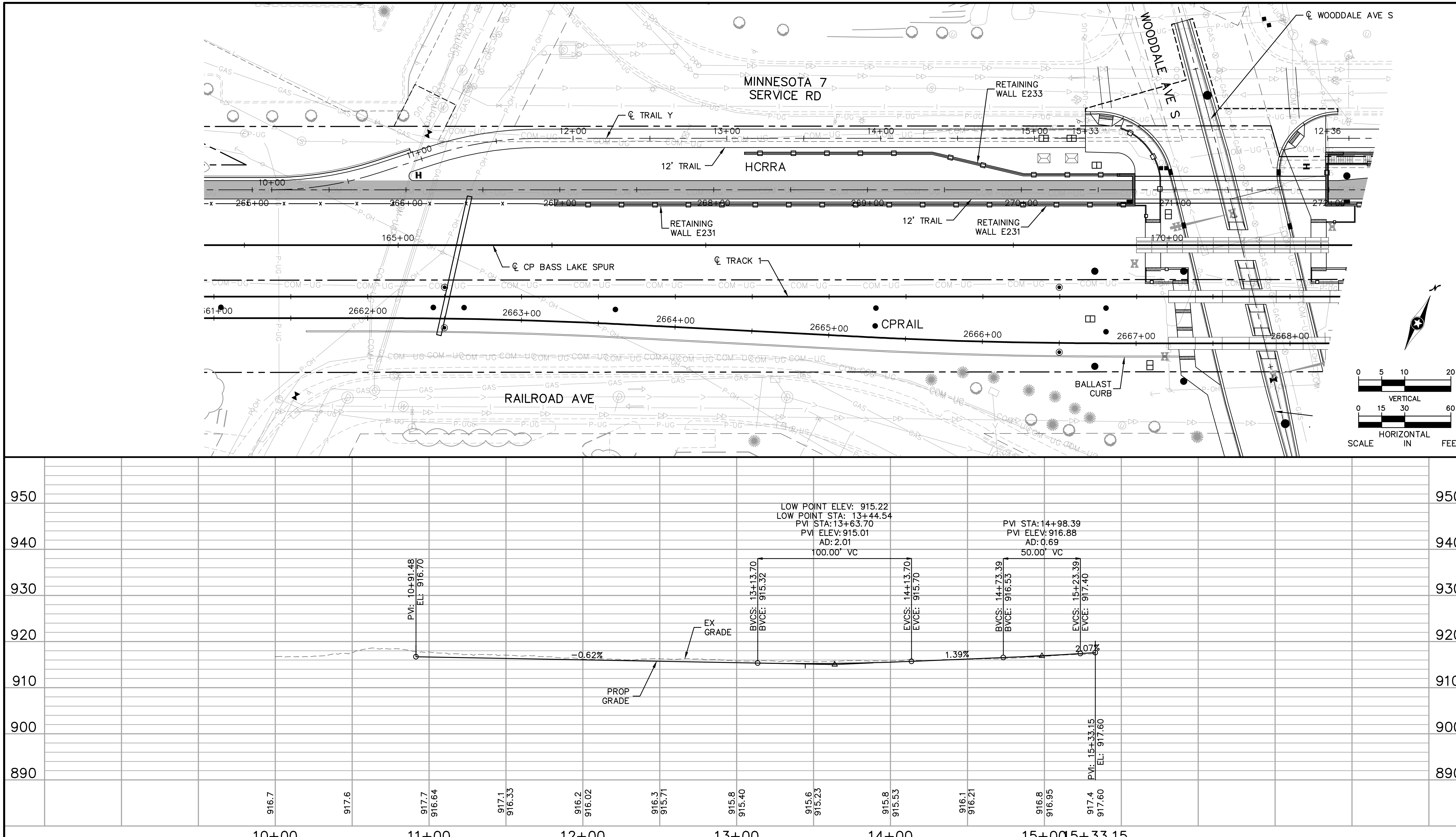
CIVIL - VOLUME 2B
TPSS-SW312 ACCESS ROAD
PLAN AND PROFILE
STA 7+50 TO STA 14+05.44

DISCIPLINE: CIVIL

SHEET NAME: E1-TRL-PRF - 018

SHEET 252 OF 302

Jan. 18 2016 02:56 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-TRL-PRF.dwg By: V-GolaszTG



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

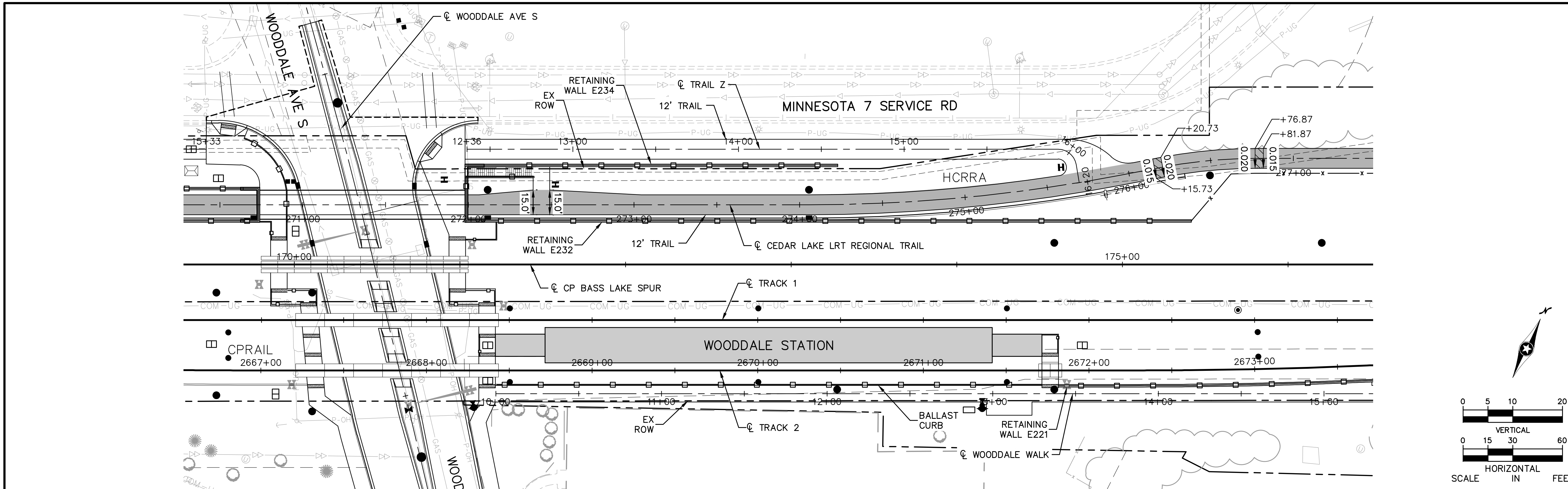
CIVIL - VOLUME 2B
TRAIL Y
PLAN AND PROFILE
STA 10+00 TO STA 15+33.15

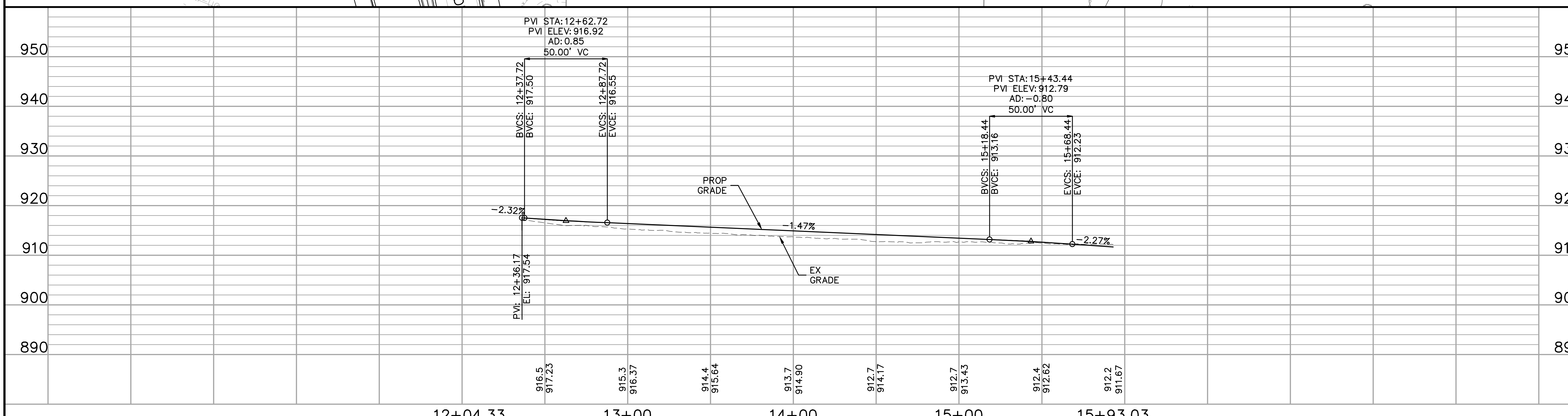
DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 023

SHEET 253 OF 302

Jan. 18 2016 07:23 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd





Jan. 18 2016 07:25 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

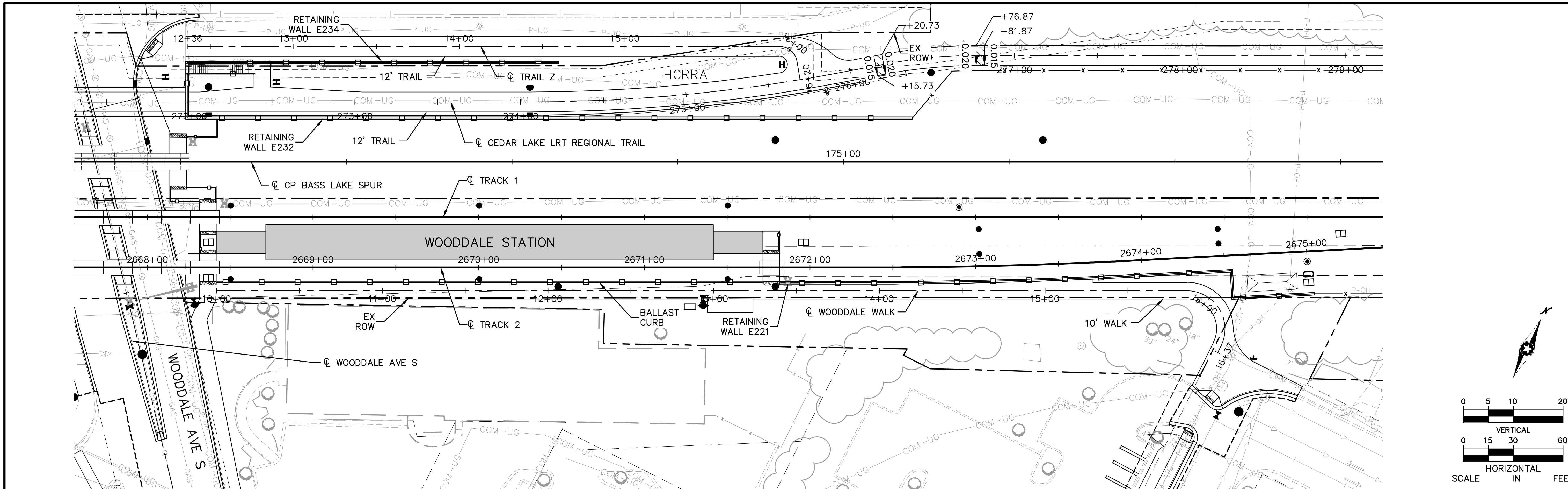
METROPOLITAN COUNCIL

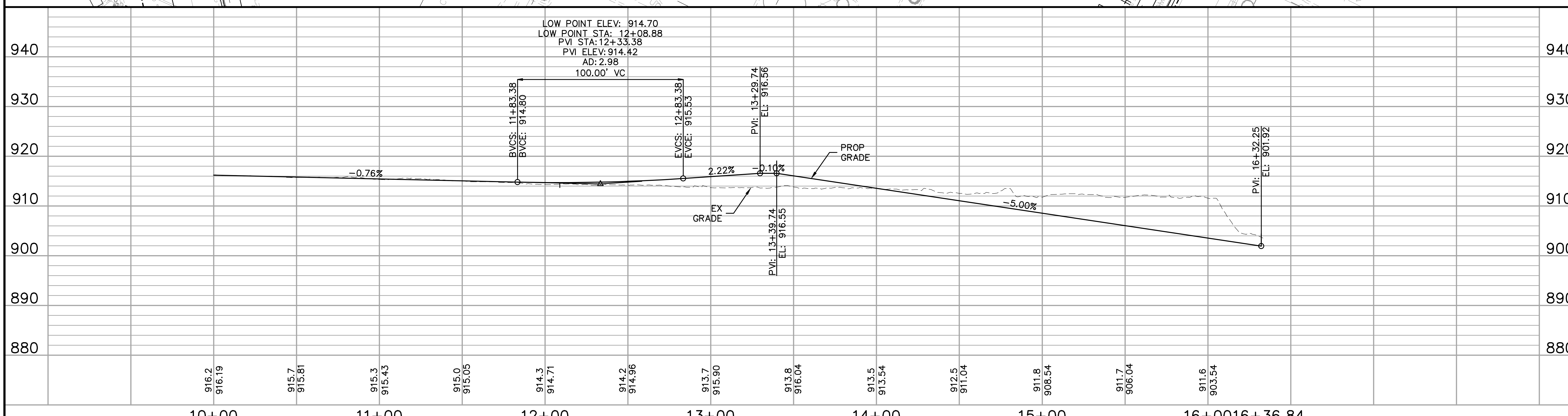
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL Z
PLAN AND PROFILE
STA 12+04.33 TO STA 15+93.03

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 024





Jan, 18 2016 07:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

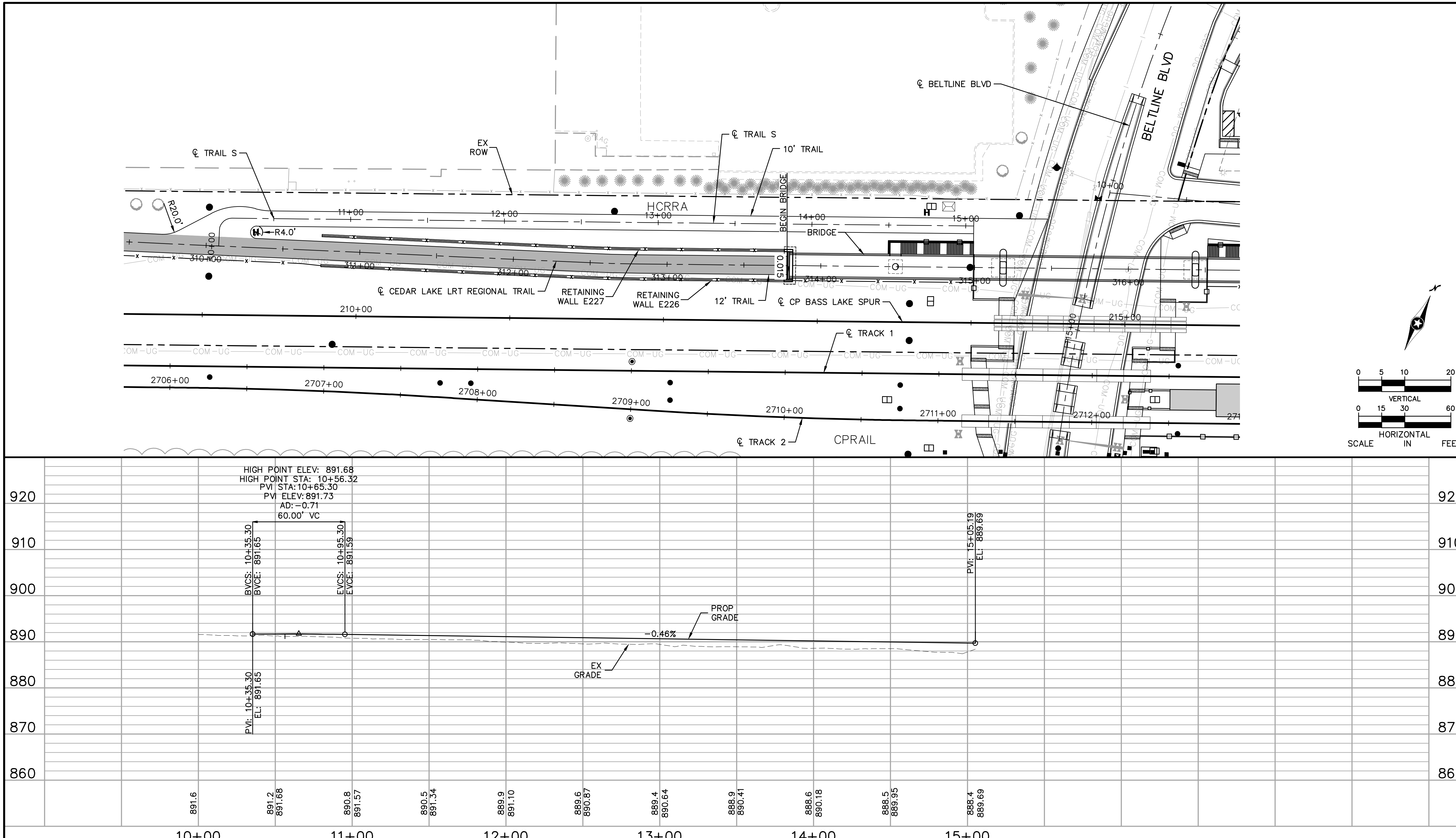
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
WOODDALE WALK
PLAN AND PROFILE
STA 10+00 TO STA 16+36.84

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 025



Jan, 18 2016 07:29 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

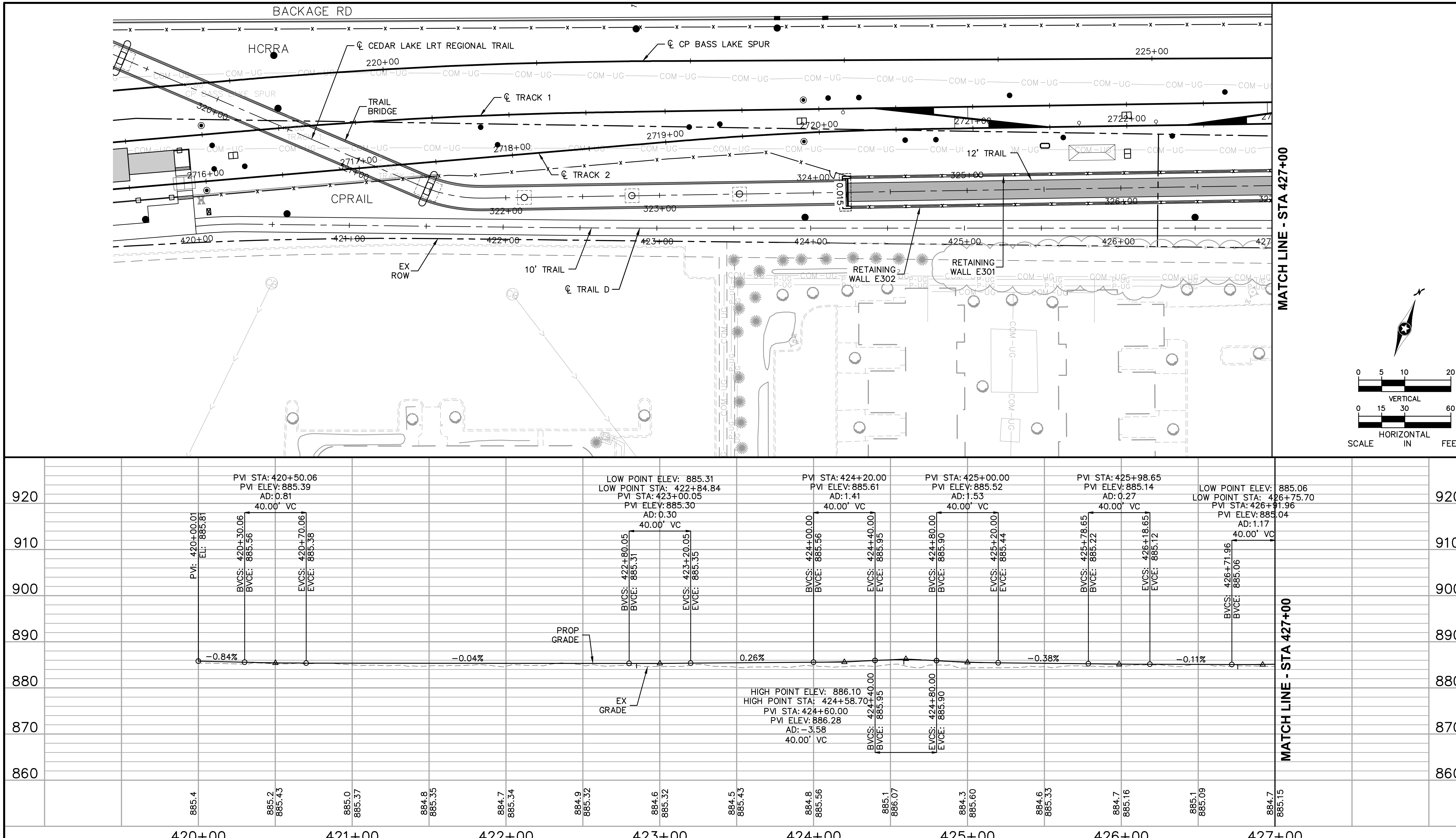
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL S
PLAN AND PROFILE
STA 10+00 TO STA 15+05.19

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 026

SHEET 256 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

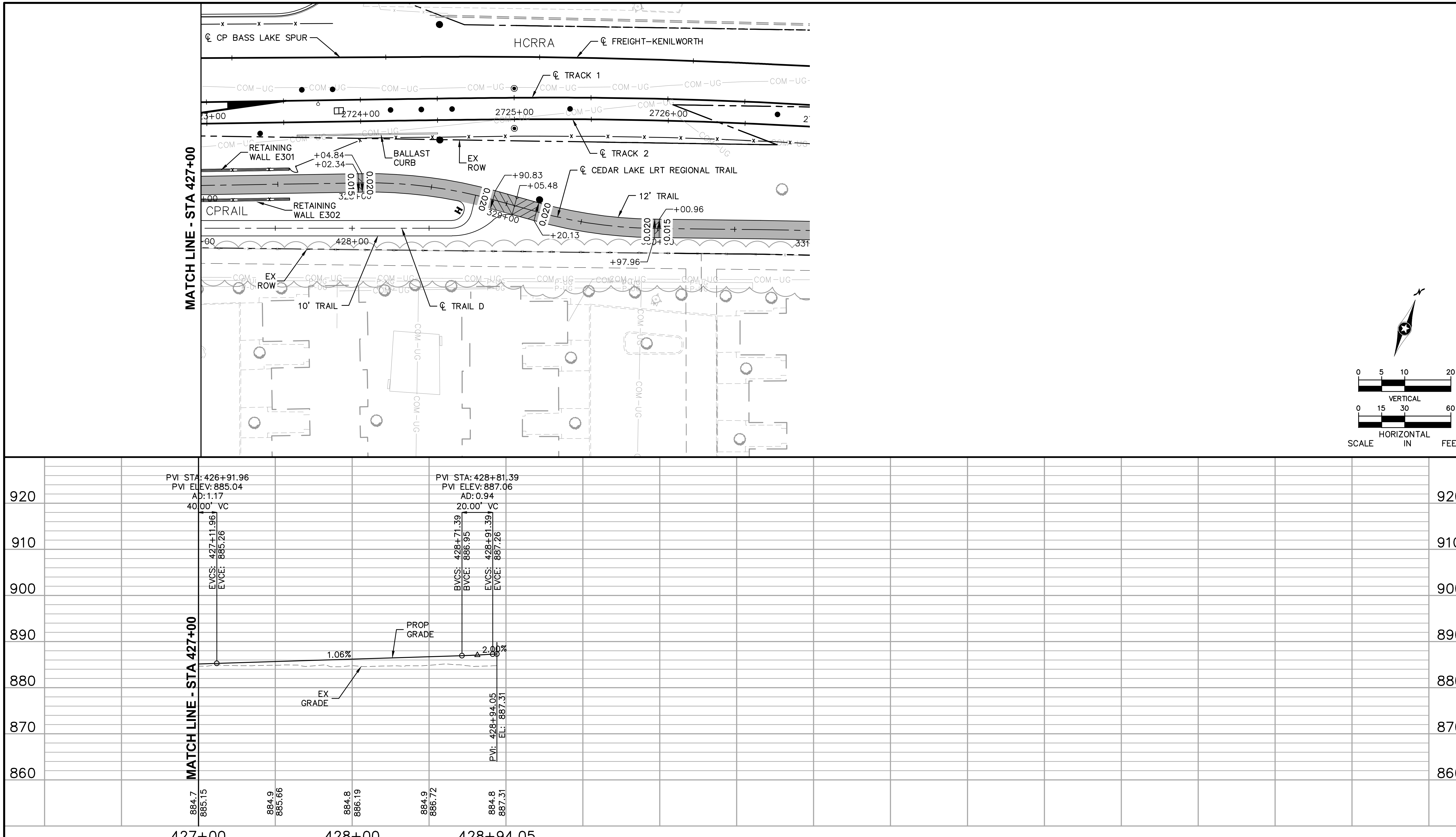
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL D
PLAN AND PROFILE
STA 420+00 TO STA 427+00

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 027



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

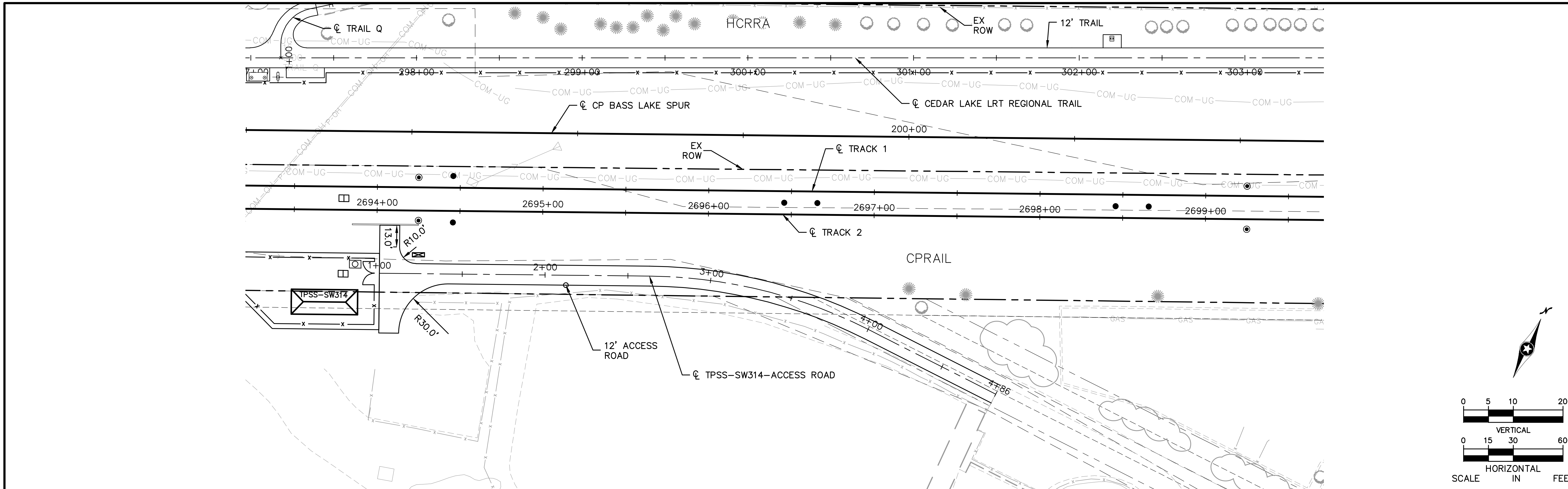
CIVIL - VOLUME 2B
TRAIL D
PLAN AND PROFILE
STA 427+00 TO STA 428+94.05

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 028

SHEET 258 OF 302

Jan. 18 2016 07:34 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd



Jan. 18 2016 07:35 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-TRL-PRF.dwg By: v-johnsowd

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

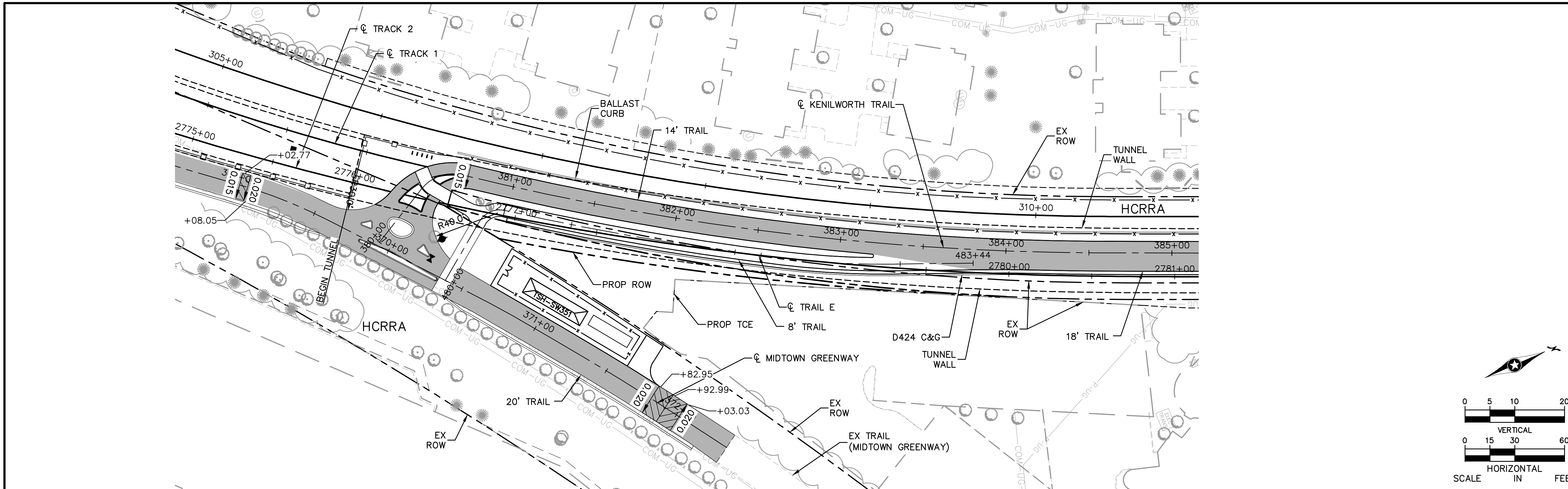
SOUTHWEST Green Line LRT Extension

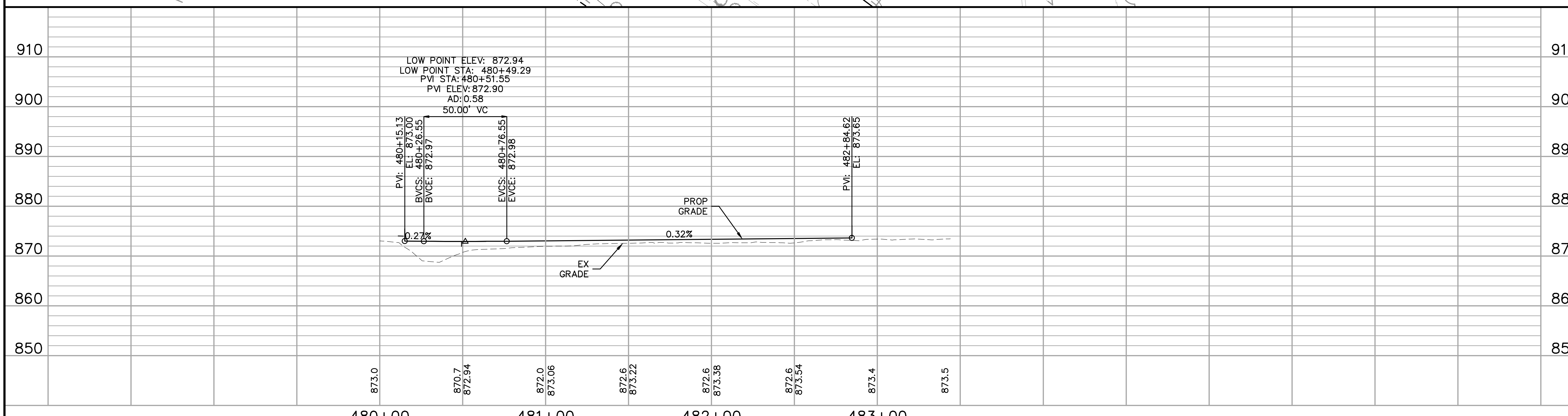
CIVIL - VOLUME 2B
TPSS-SW114 ACCESS RD
PLAN AND PROFILE
STA 1+00 TO STA 4+86.40

DISCIPLINE: CIVIL

SHEET NAME: E2-TRL-PRF - 029

SHEET 259 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

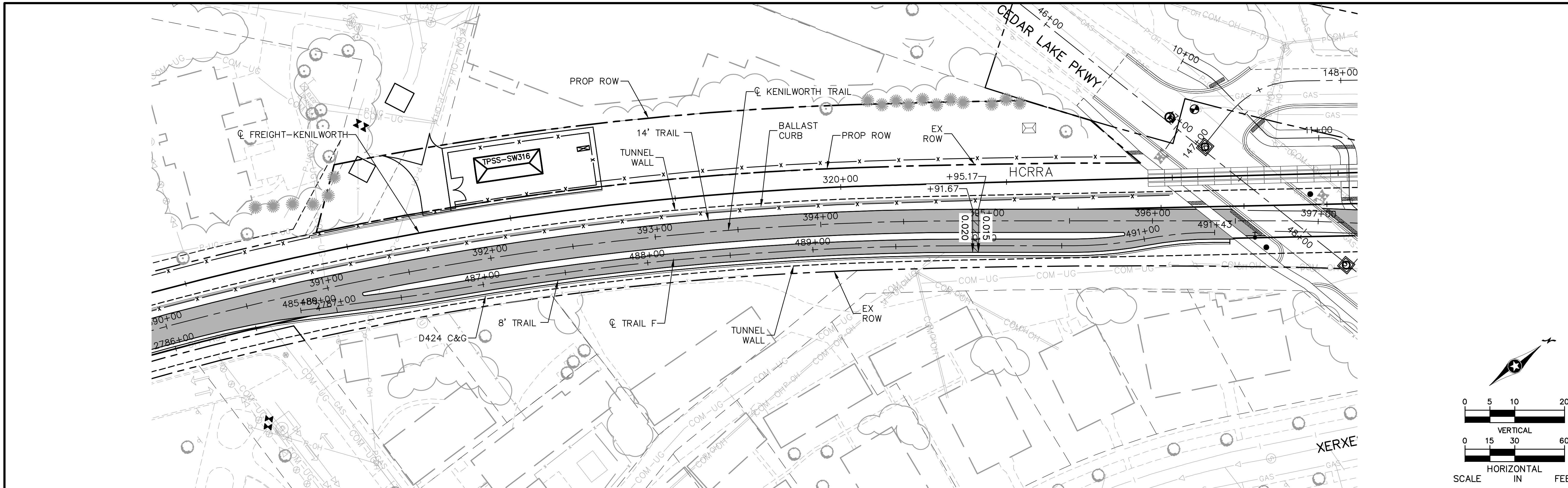
METROPOLITAN COUNCIL

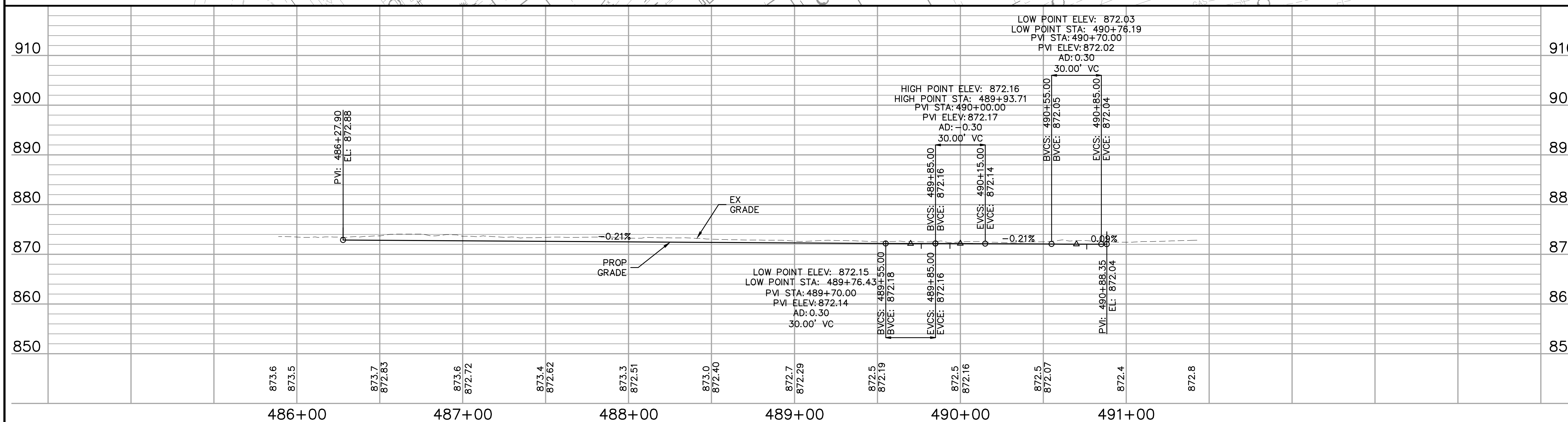
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL E
PLAN AND PROFILE
STA 480+00 TO STA 482+84.62

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 016





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

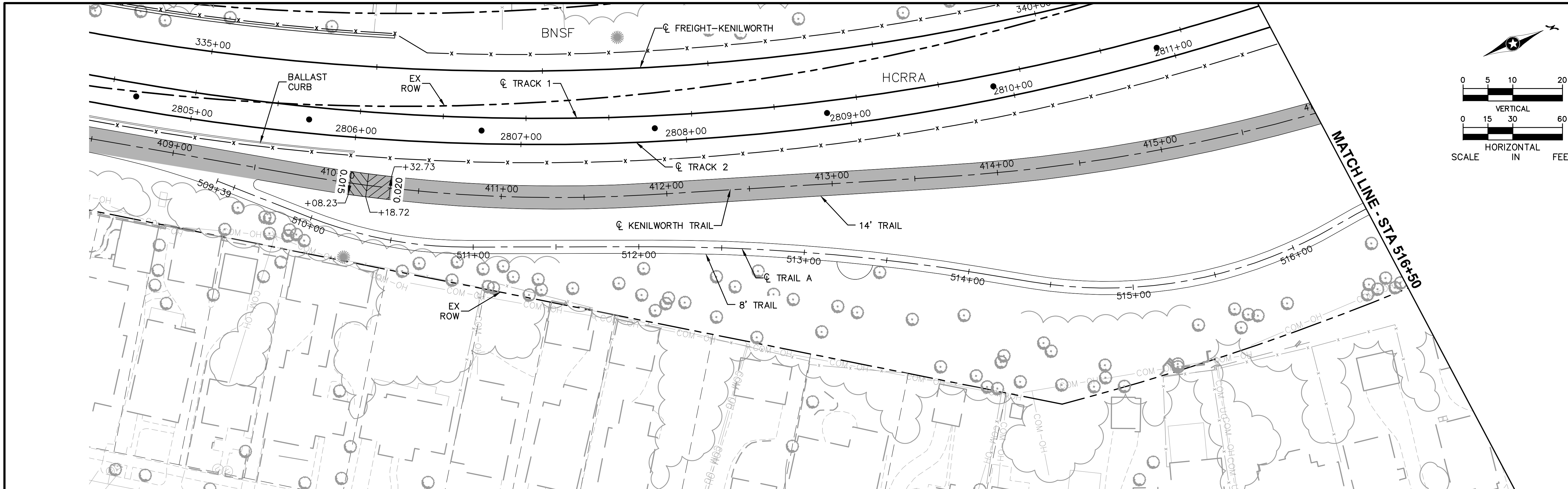
CIVIL - VOLUME 2B
TRAIL F
PLAN AND PROFILE
STA 485+88.87 TO STA 491+42.72

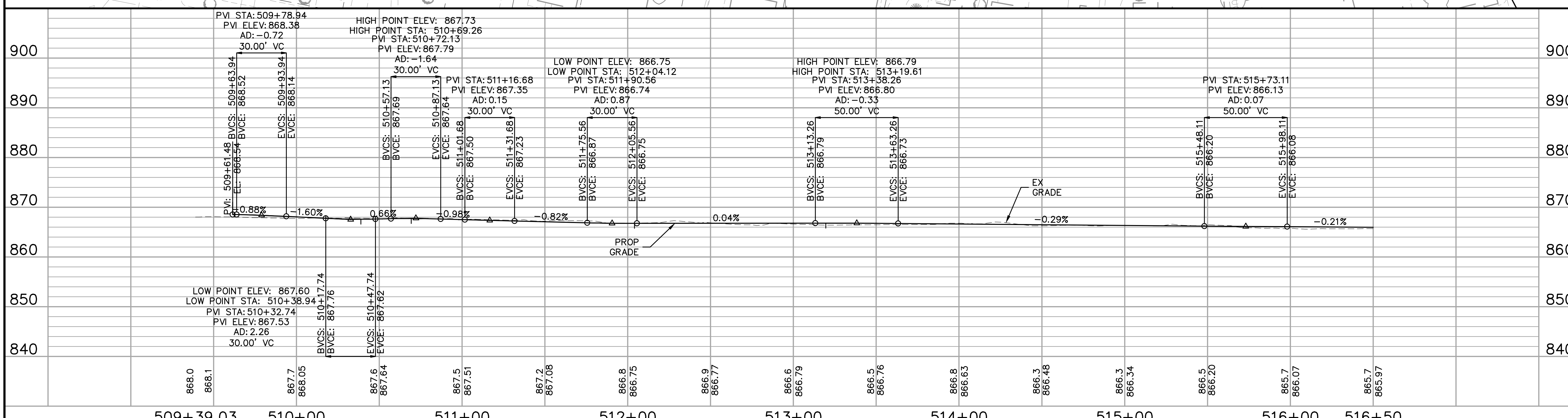
DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 017

SHEET 261 OF 302

Jan, 18 2016 03:24 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

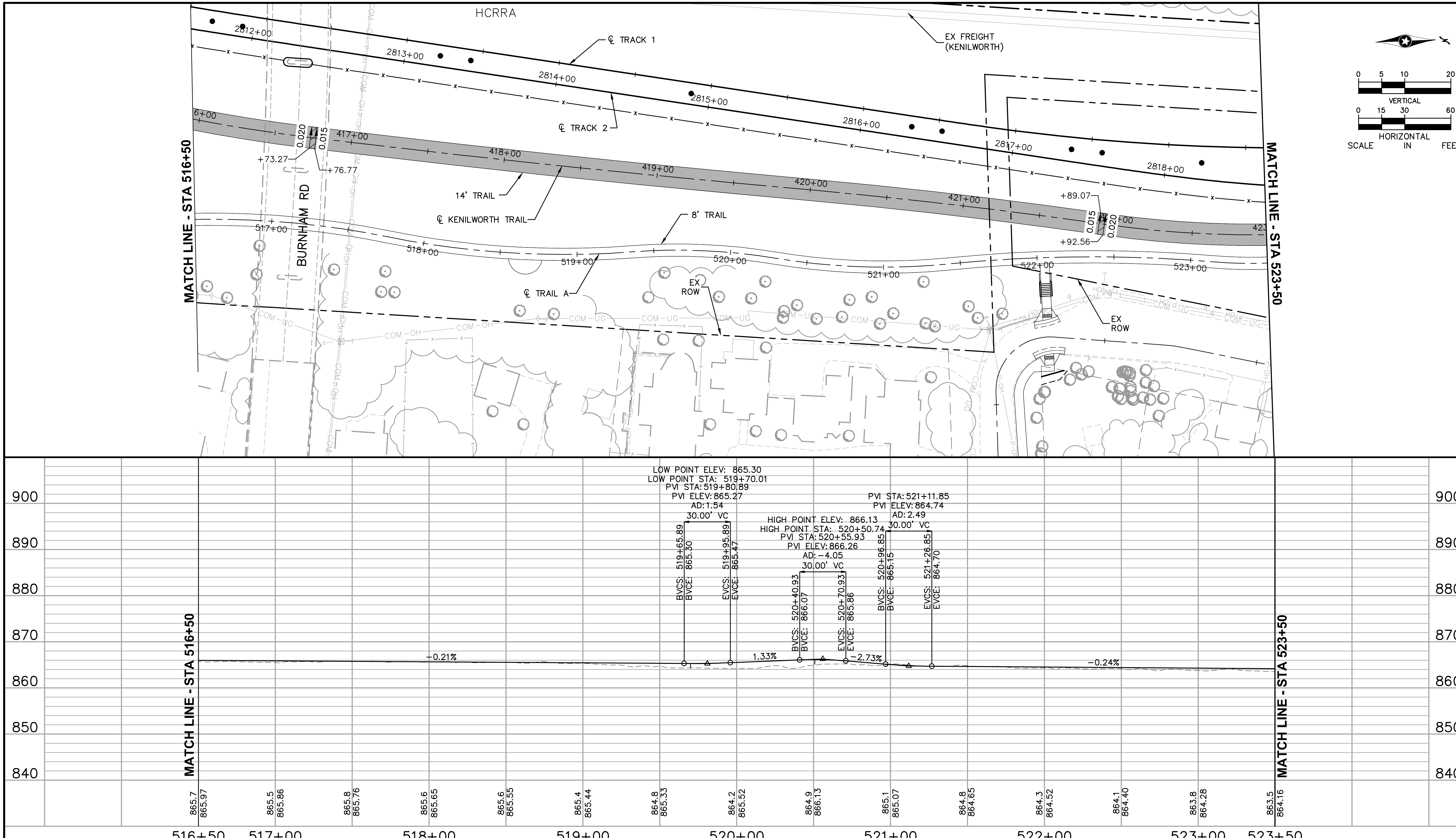
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL A
PLAN AND PROFILE
STA 509+39.03 TO STA 516+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 018



Jan, 18 2016 03:25 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

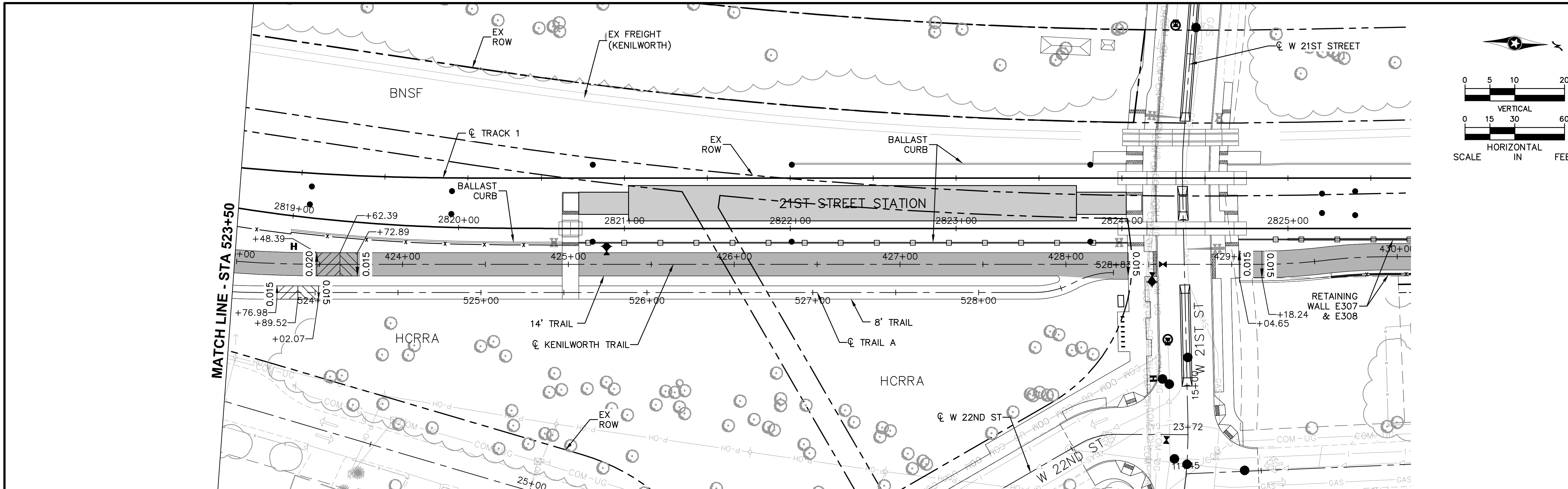
SOUTHWEST Green Line LRT Extension

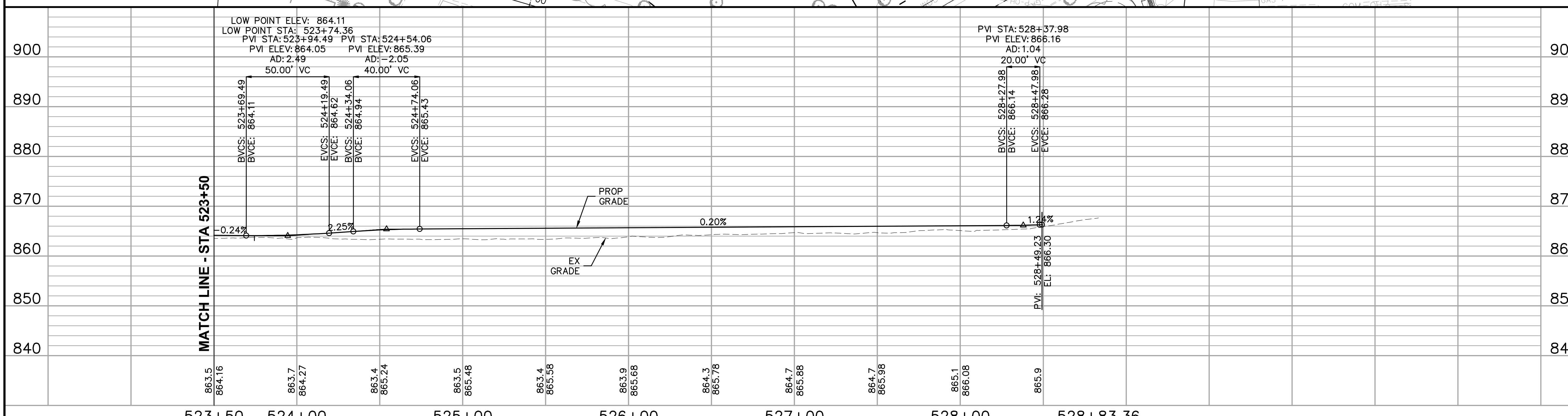
CIVIL - VOLUME 2B
TRAIL A
PLAN AND PROFILE
STA 516+50 TO STA 523+50

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 019

SHEET 263 OF 302





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

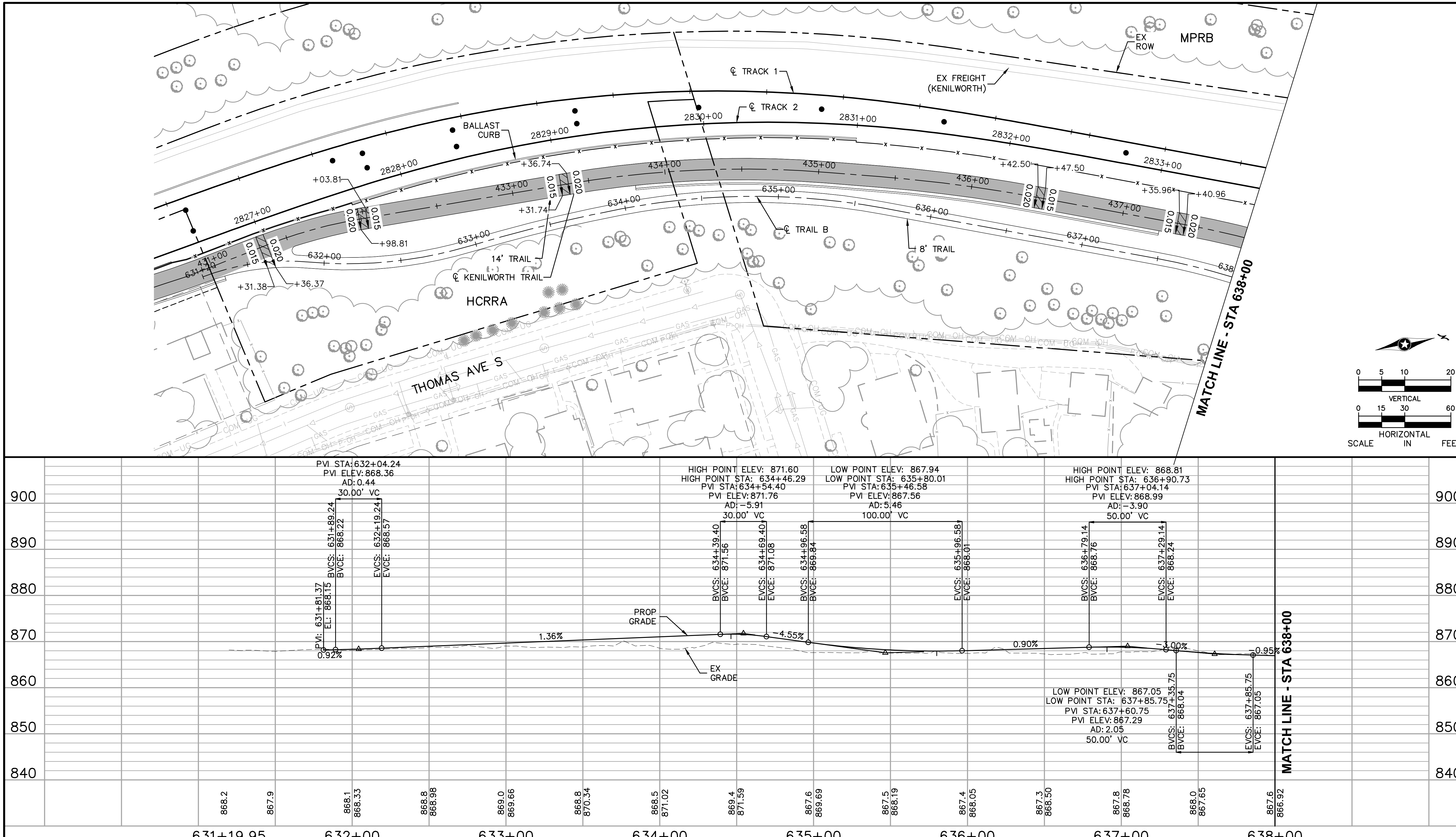
CIVIL - VOLUME 2B
TRAIL A
PLAN AND PROFILE
STA 523+50 TO STA 528+83.36

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 020

SHEET 264 OF 302

Jan. 18 2016 03:26 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

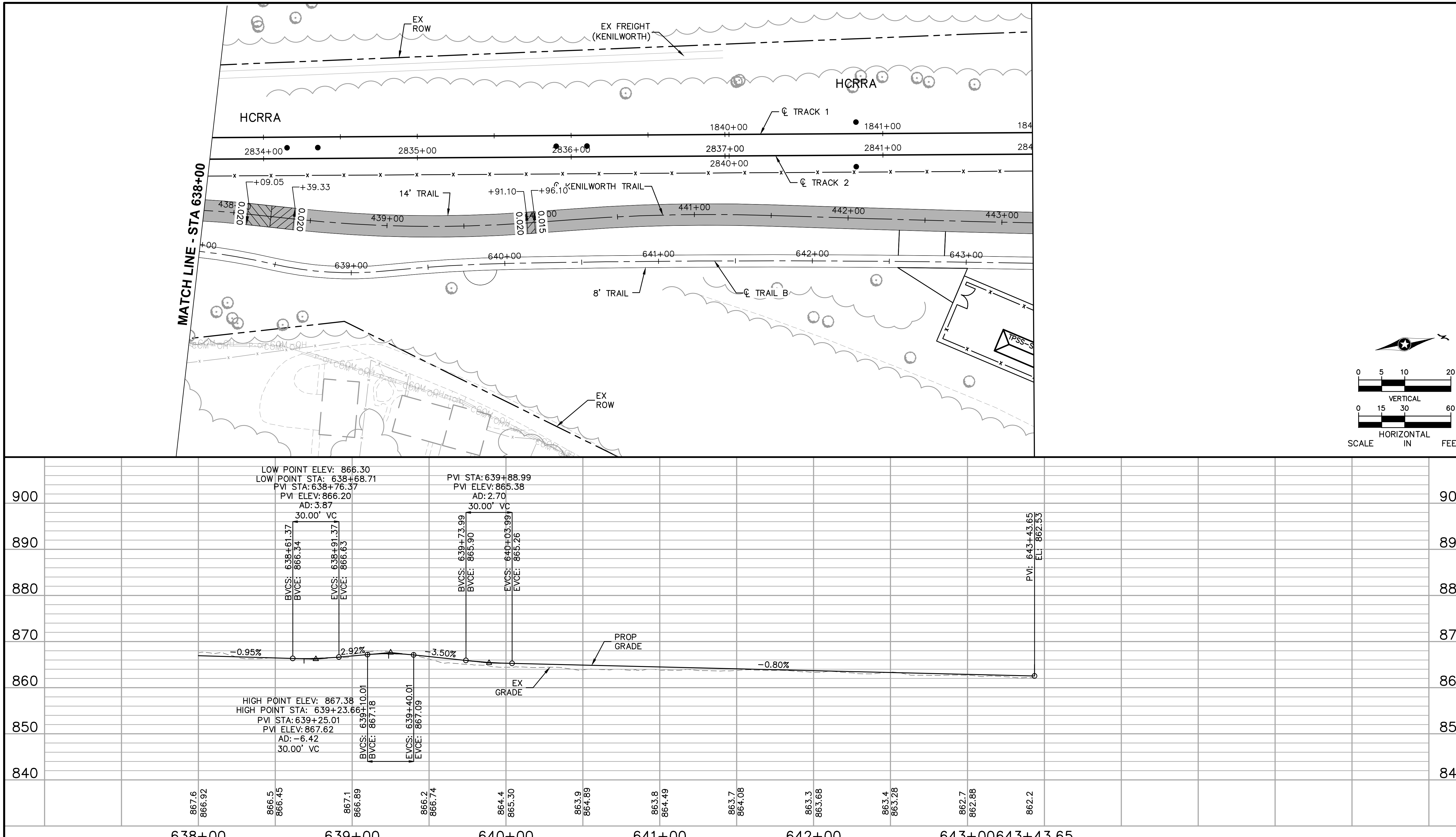
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL B
PLAN AND PROFILE
STA 631+19.95 TO STA 638+00

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 021

SHEET 265 OF 302



Jan, 18 2016 03:28 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-TRL-PRF.dwg By: V-MatterEK

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

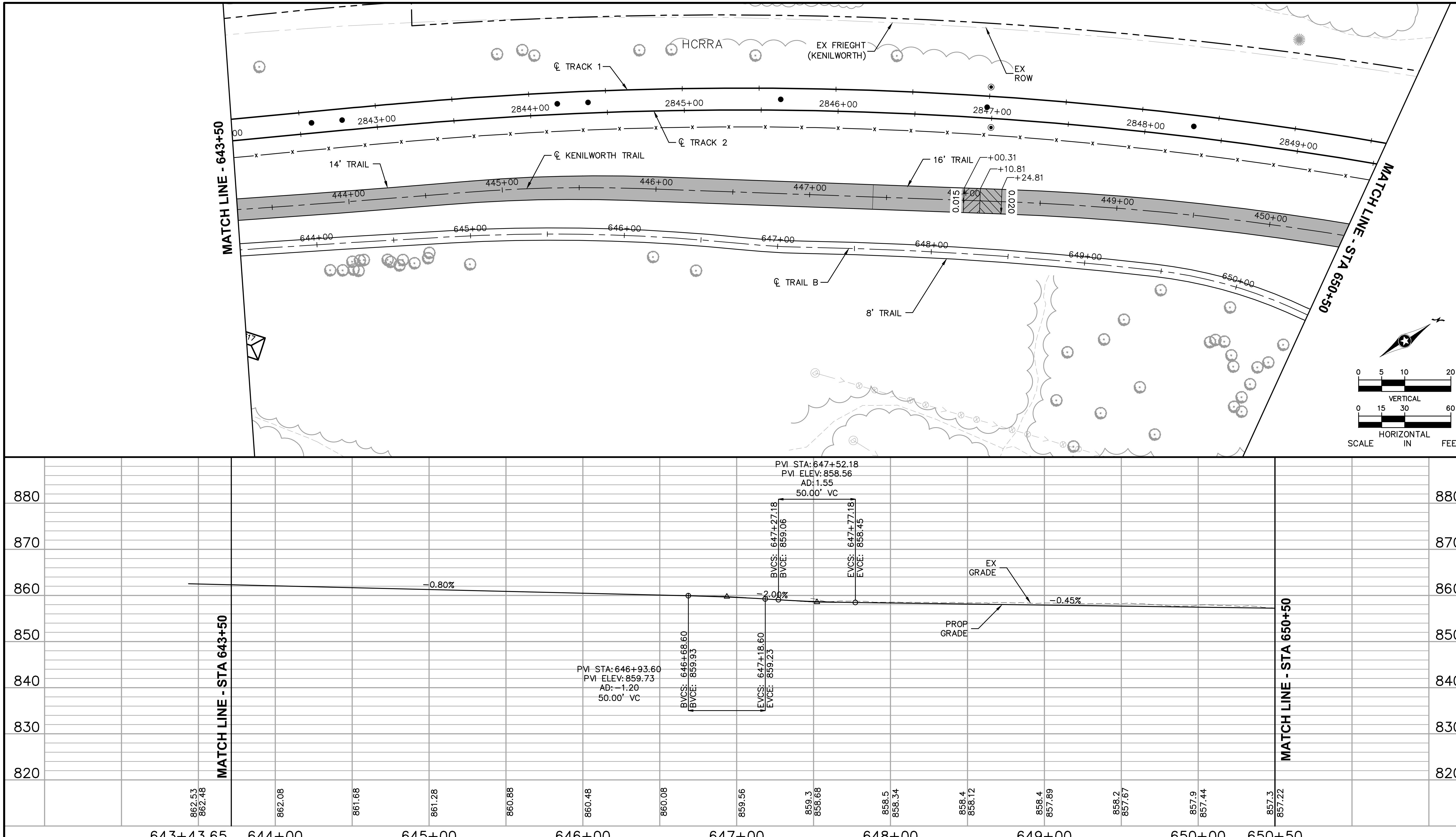
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL B
PLAN AND PROFILE
STA 638+00 TO STA 643+43.65

DISCIPLINE: CIVIL

SHEET NAME: E3-TRL-PRF - 022



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

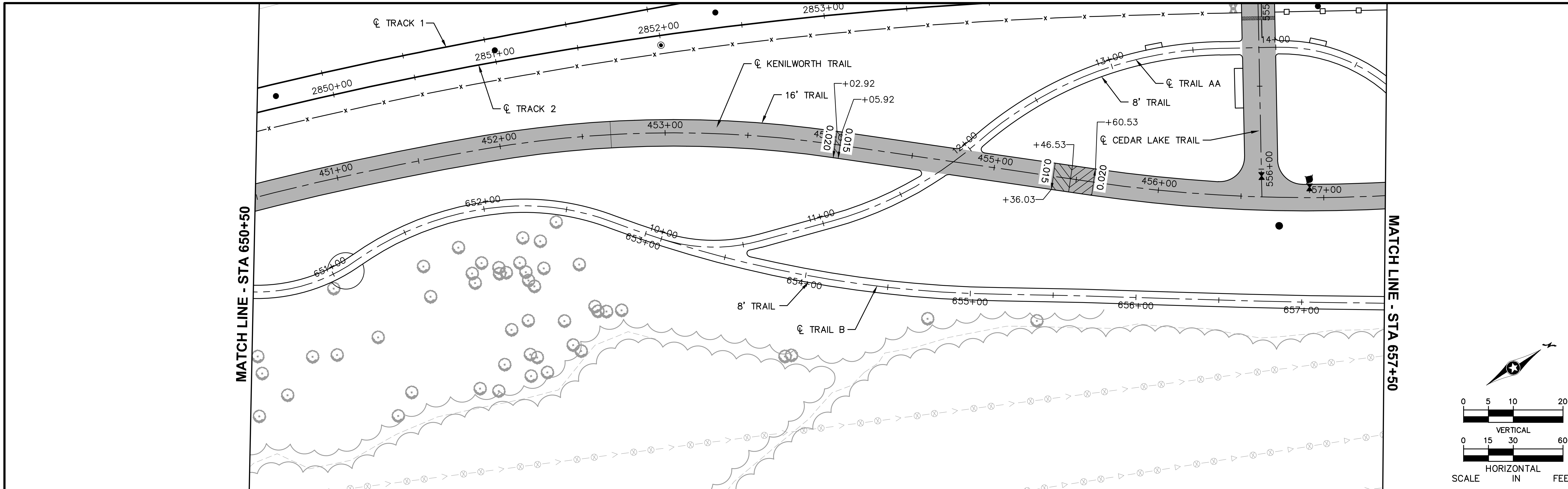
CIVIL - VOLUME 2B
TRAIL B
PLAN AND PROFILE
STA 643+50 TO STA 650+50

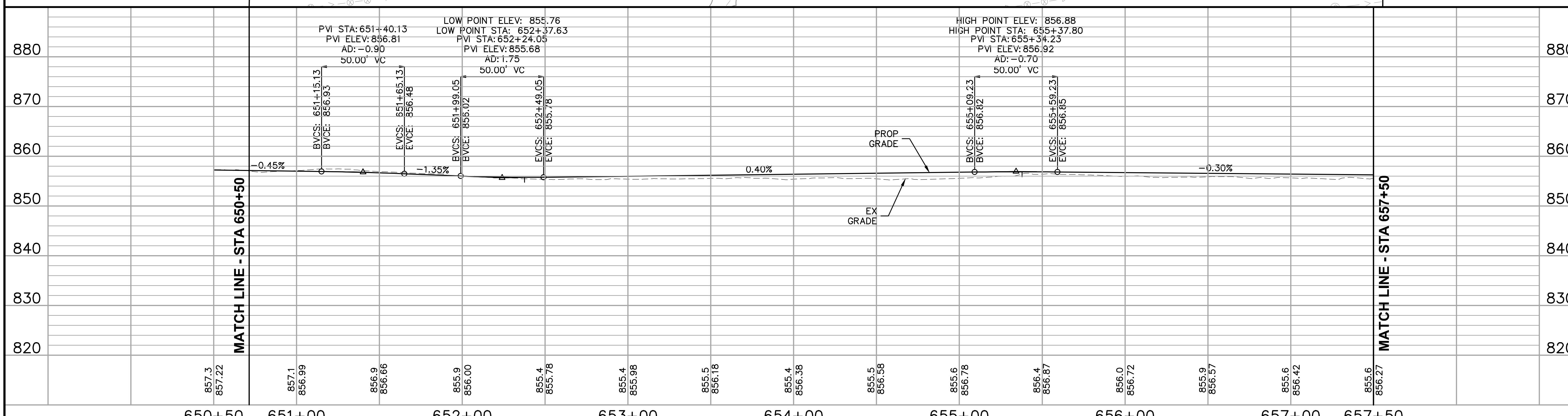
SHEET 267 OF 302

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 012

Jan, 18 2016 04:25 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

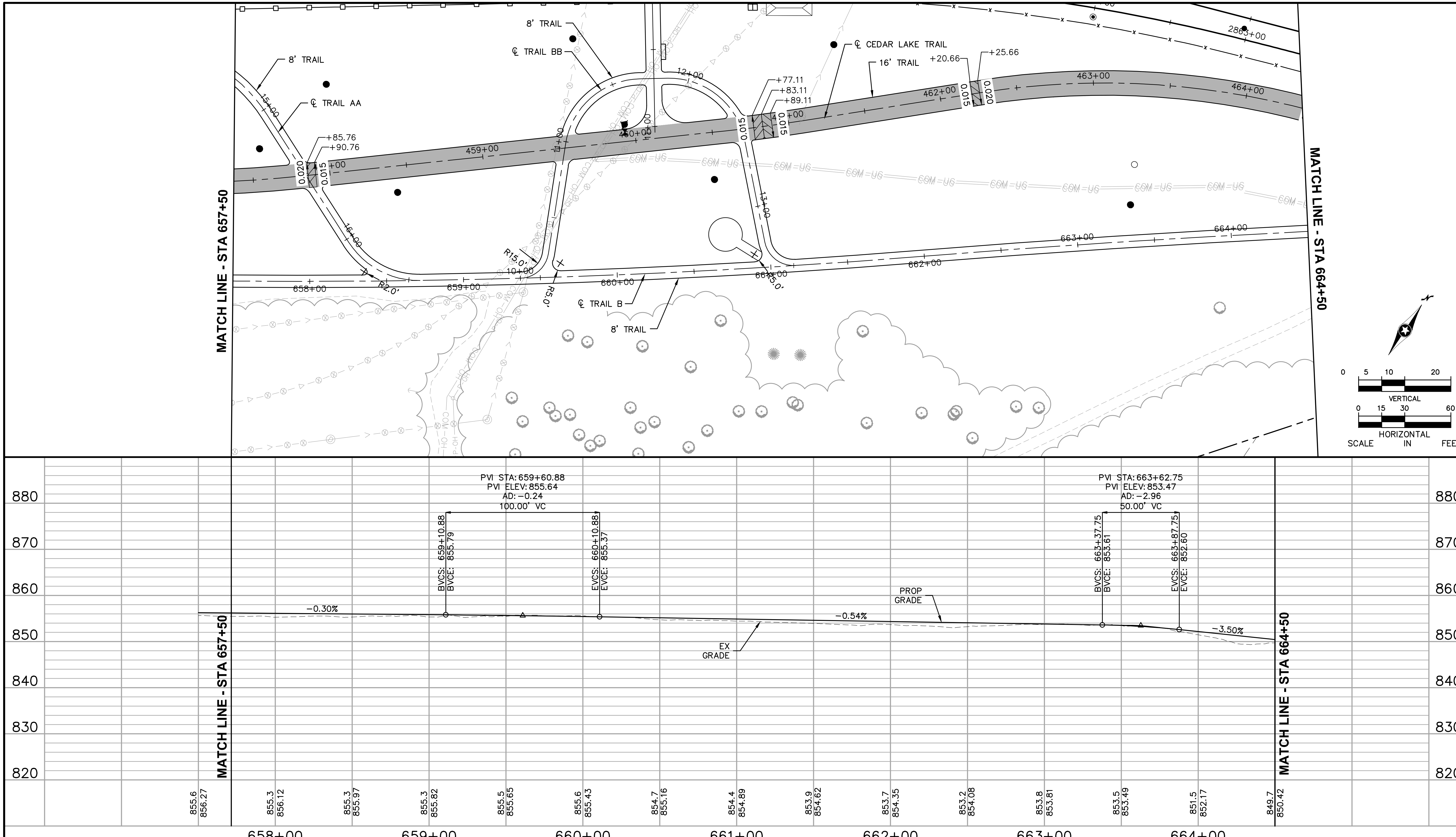
CIVIL - VOLUME 2B
TRAIL B
PLAN AND PROFILE
STA 650+50 TO STA 657+50

SHEET 268 OF 302

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 013

Jan, 18 2016 04:25 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

90% SUBMISSION - 01/22/16

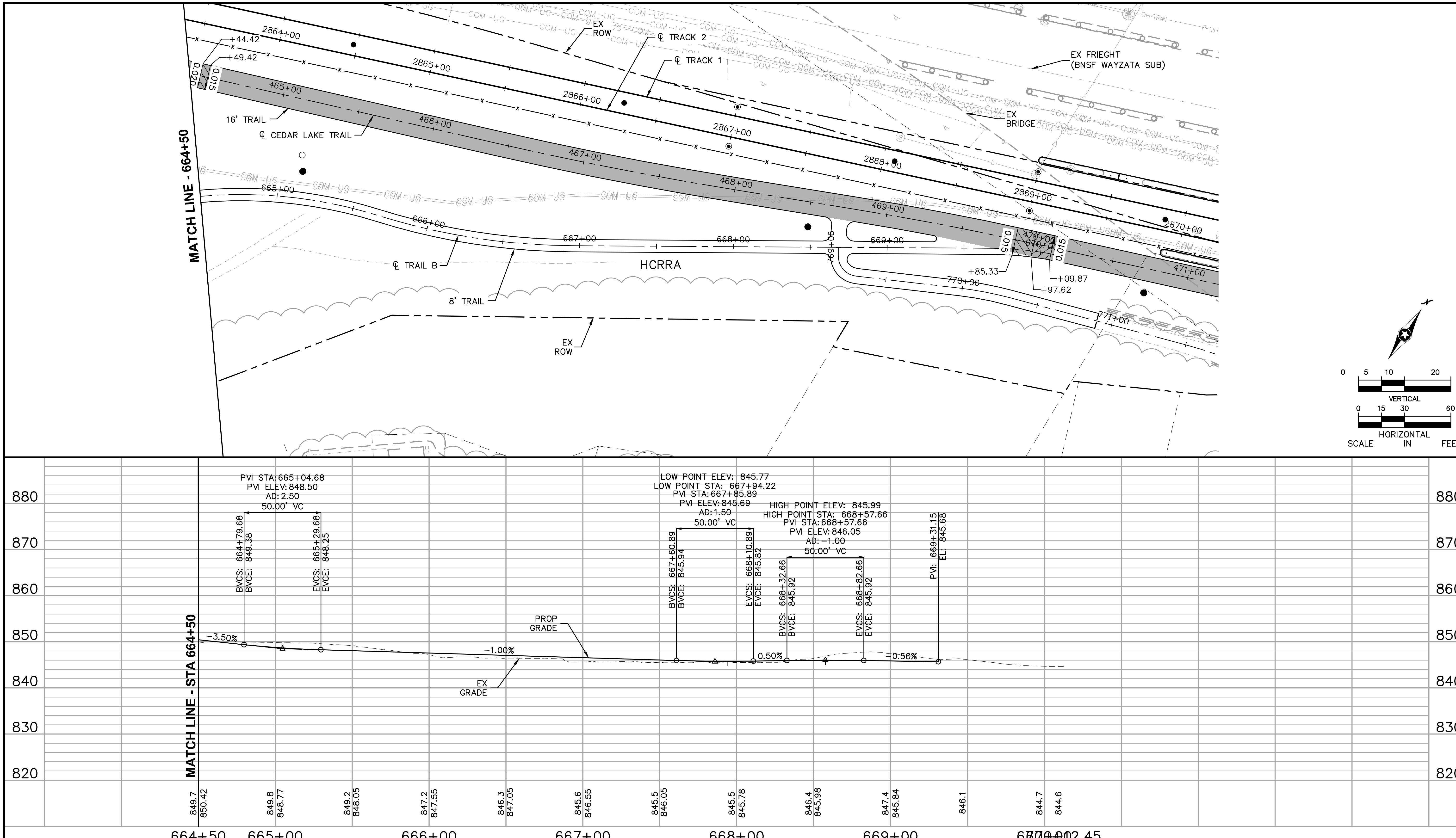
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL B
PLAN AND PROFILE
STA 657+50 TO STA 664+50

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 014



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

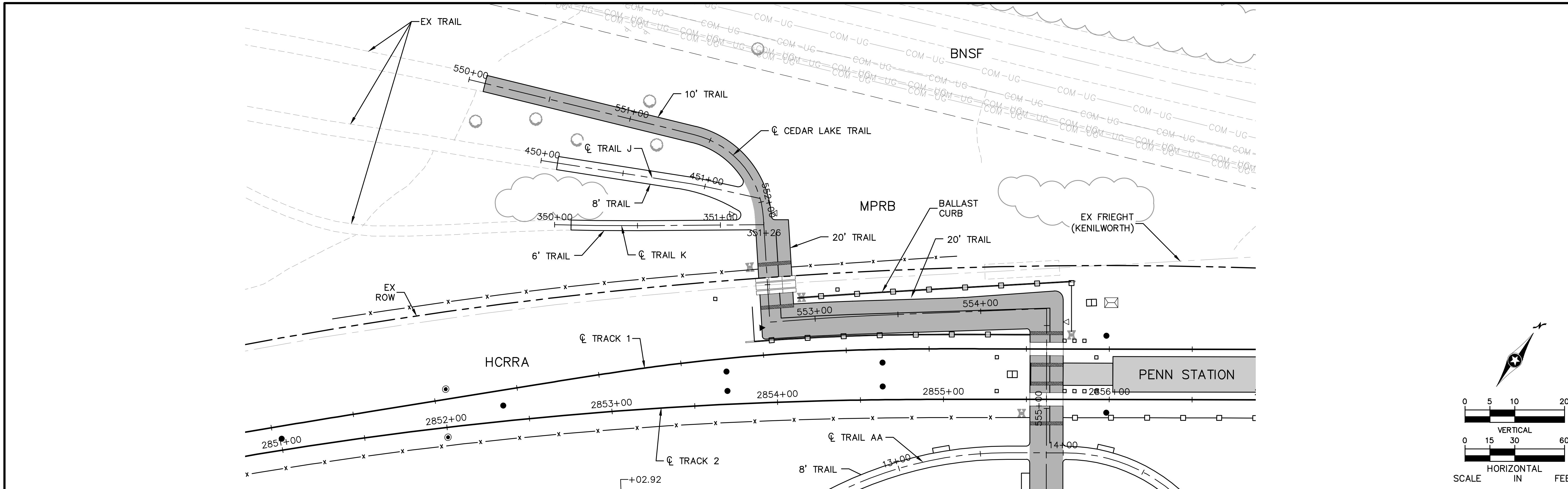
SOUTHWEST Green Line LRT Extension

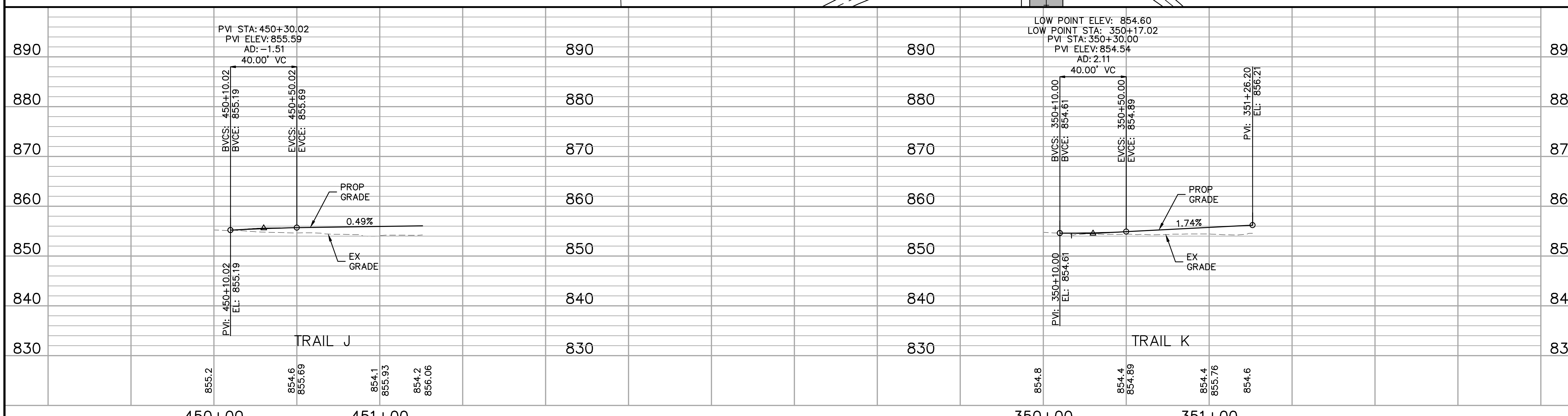
CIVIL - VOLUME 2A
TRAIL B
PLAN AND PROFILE
STA 664+50 TO STA 669+31.15

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 015

Jan, 18 2016 04:27 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr





Jan, 18 2016 04:28 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

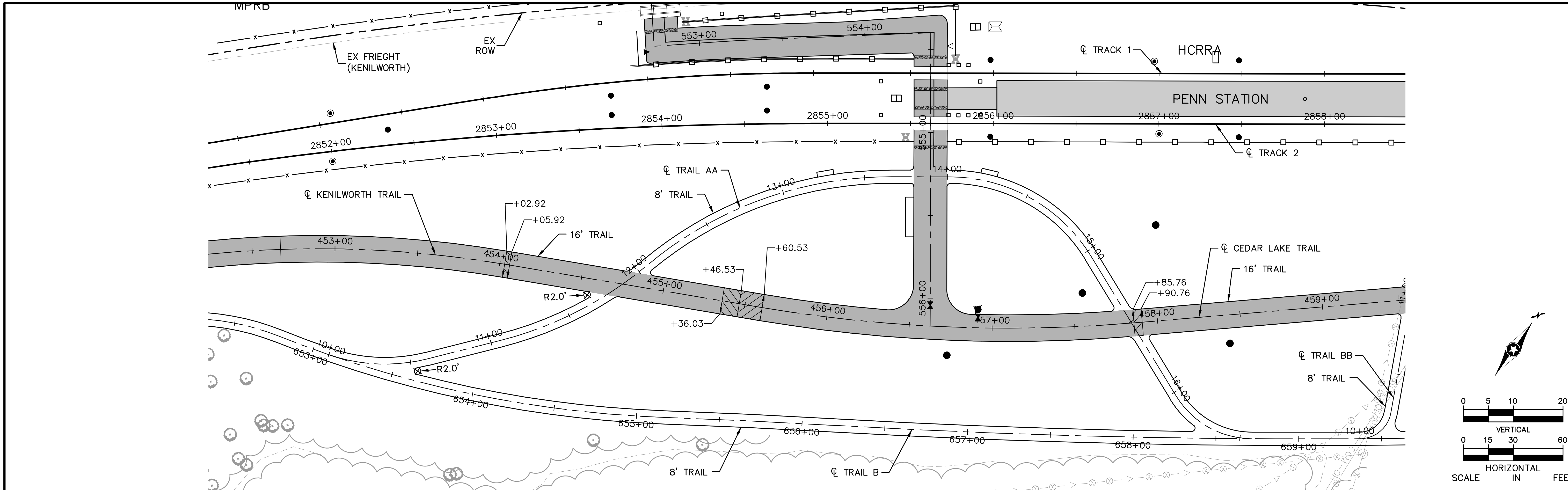
METROPOLITAN COUNCIL

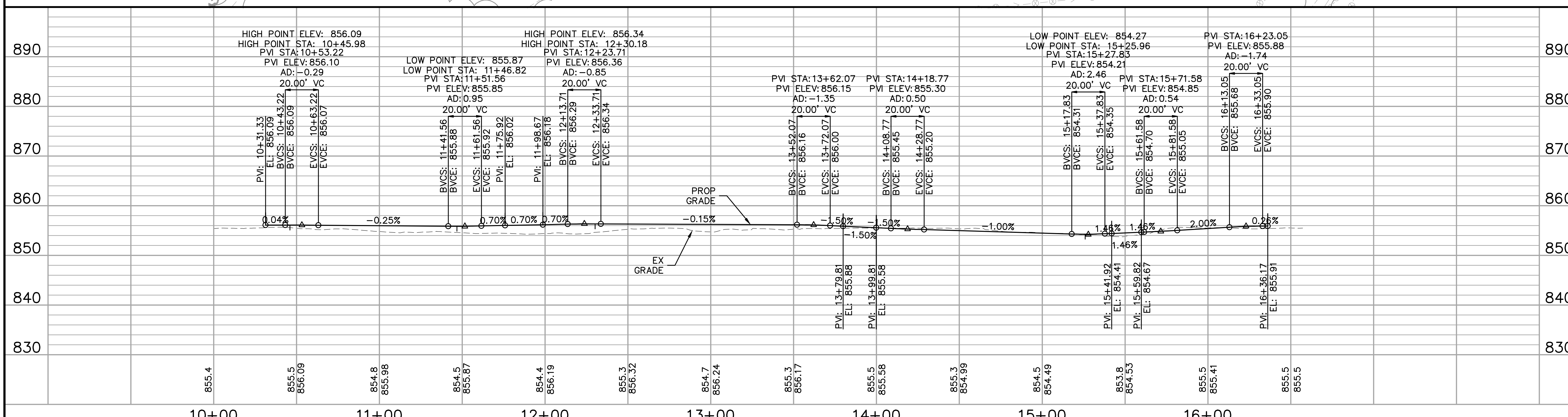
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL J AND TRAIL K PLAN AND PROFILE

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 016





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

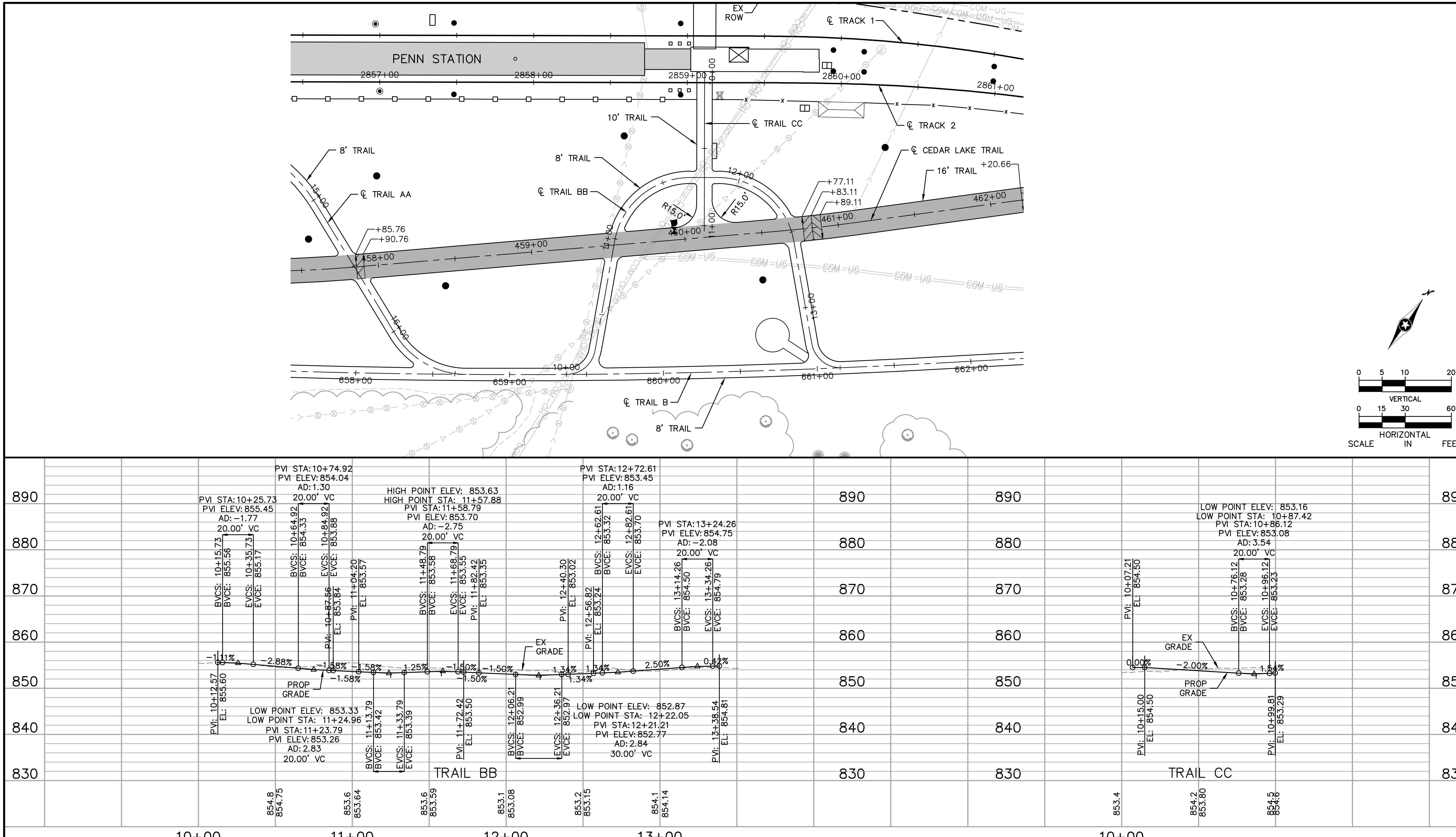
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL AA
PLAN AND PROFILE
STA 10+31.33 TO STA 16+57.20

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 017

SHEET 272 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

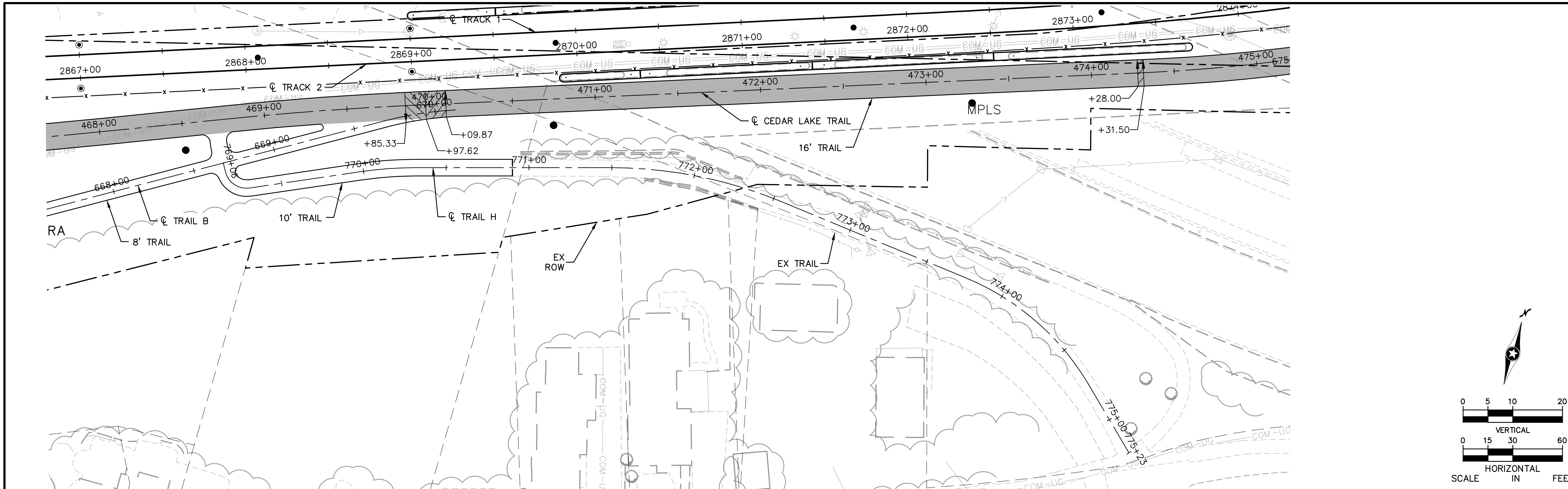
90% SUBMISSION - 01/22/16

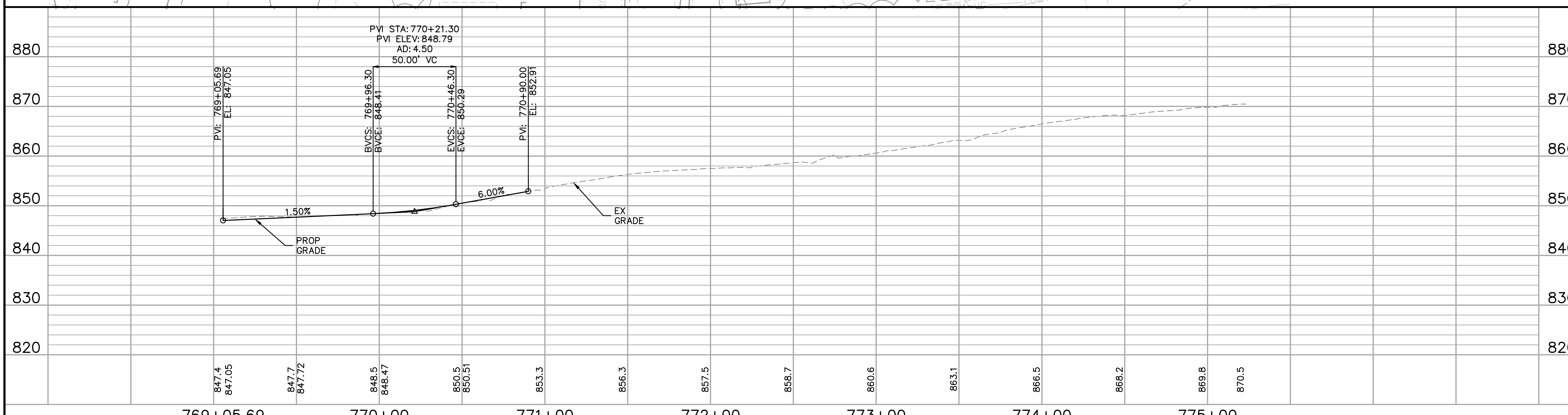
CIVIL - VOLUME 2B
TRAIL BB AND TRAIL CC PLAN AND PROFILE

SHEET 273 OF 302

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 018





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

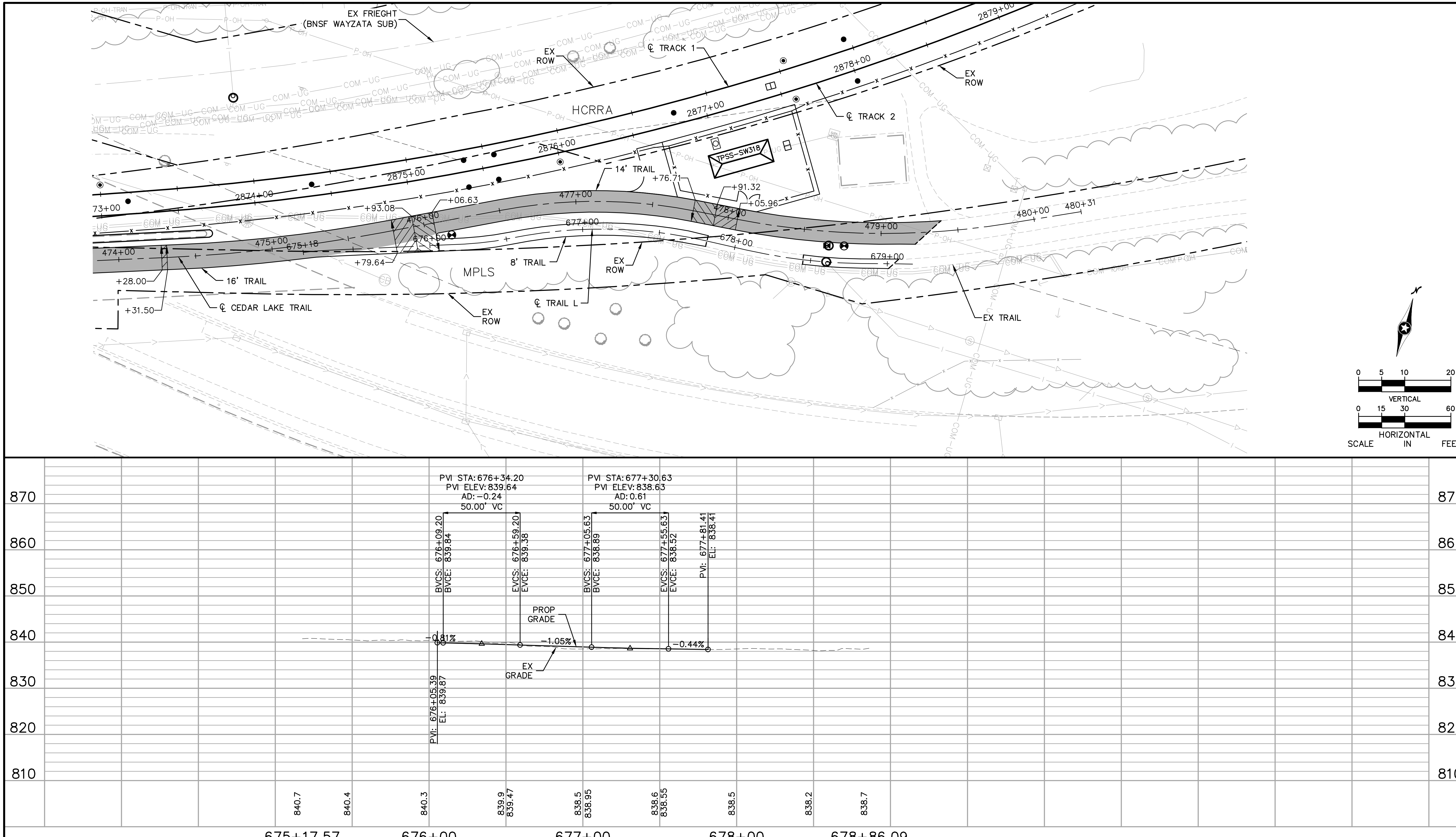
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL H
PLAN AND PROFILE
STA 769+05.69 TO STA 770+90

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 019



Jan, 18 2016 04:31 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

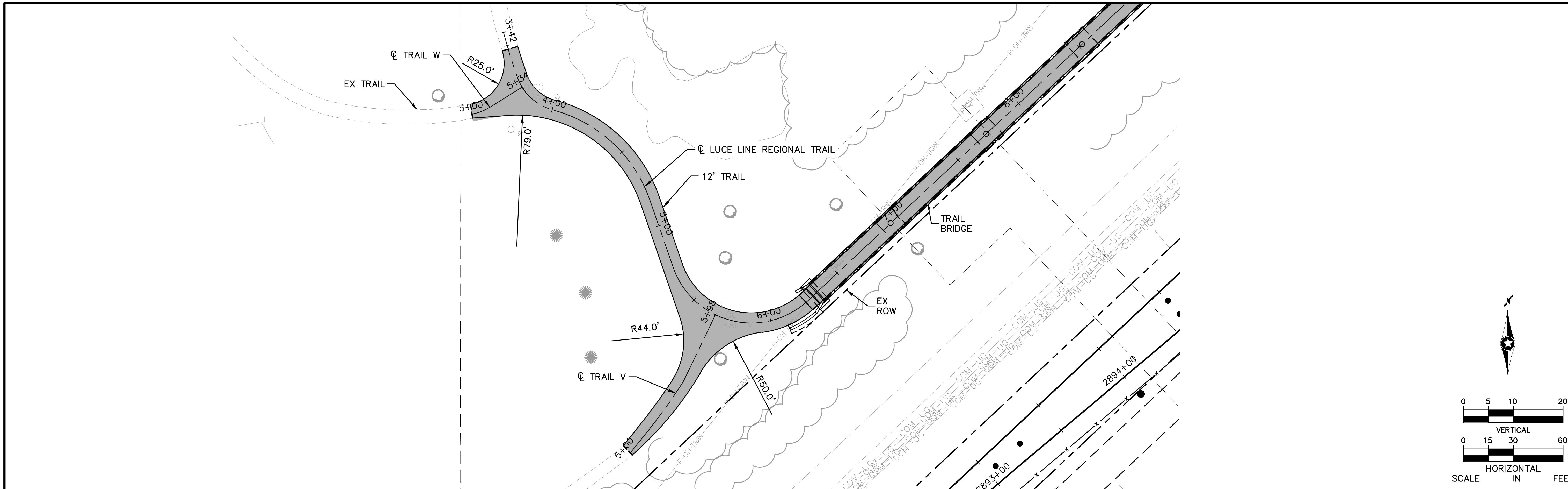
METROPOLITAN COUNCIL

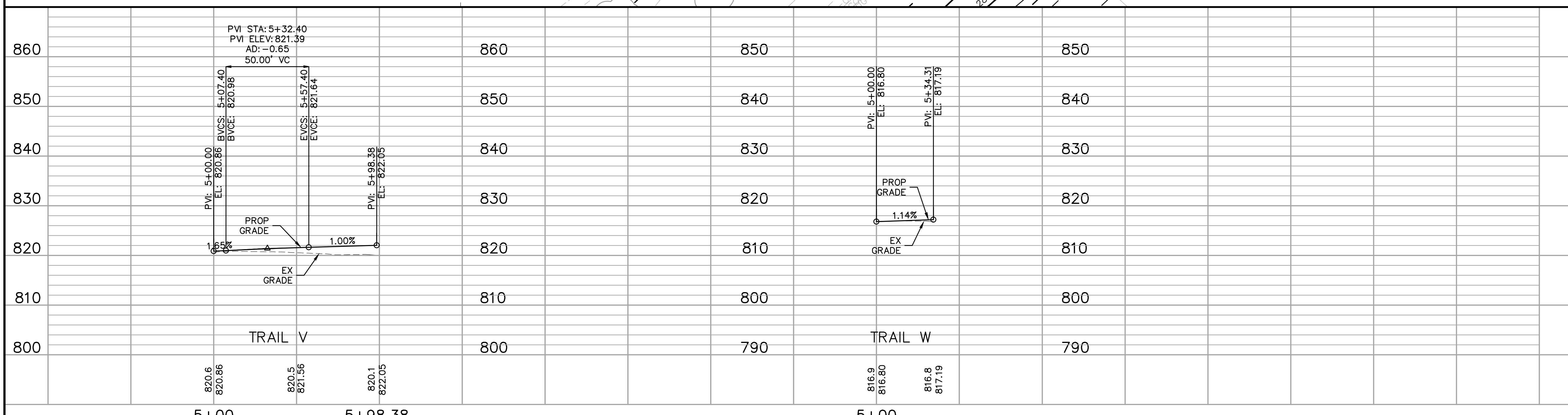
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL L
PLAN AND PROFILE
STA 676+05.39 TO STA 697+16.48

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 020





Jan, 18 2016 04:32 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

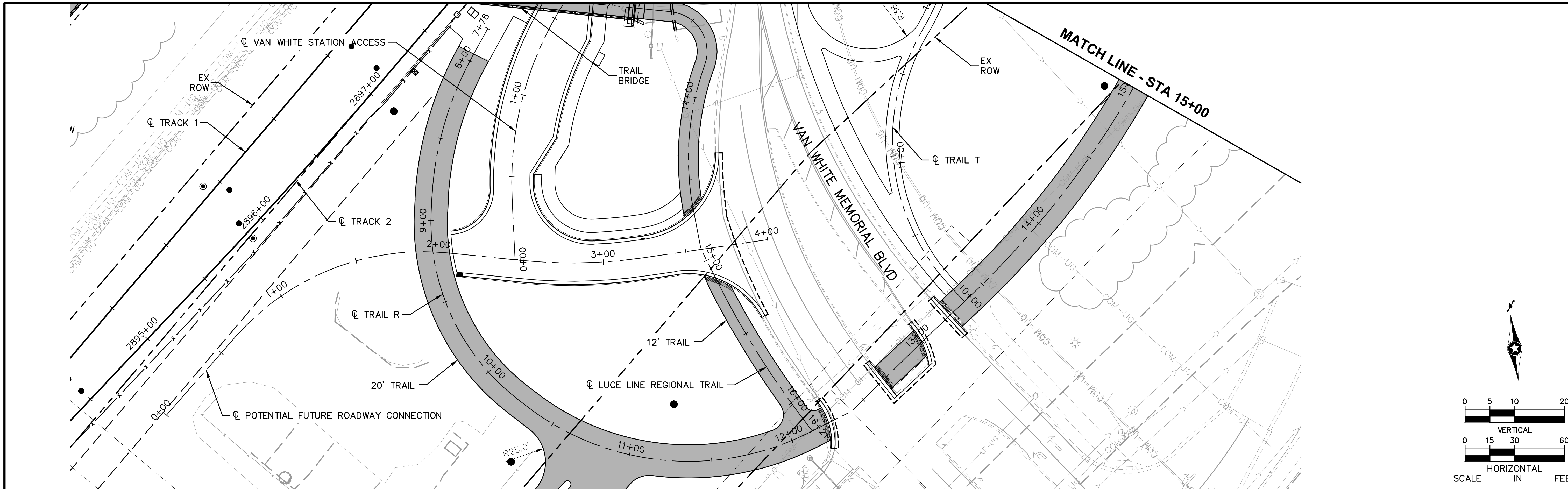
METROPOLITAN COUNCIL

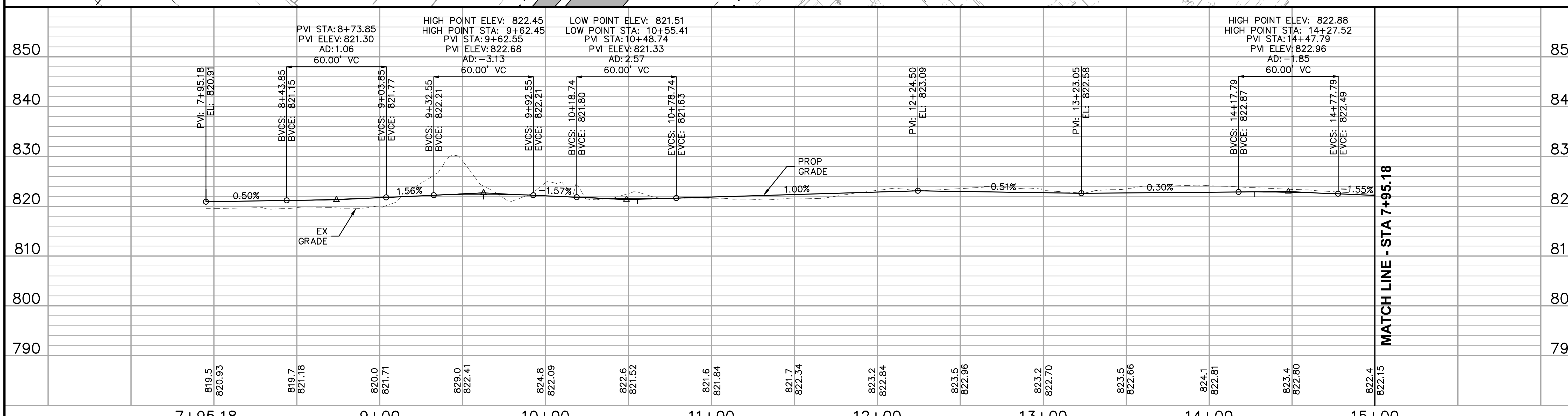
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL V AND TRAIL W
PLAN AND PROFILE

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 021





NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

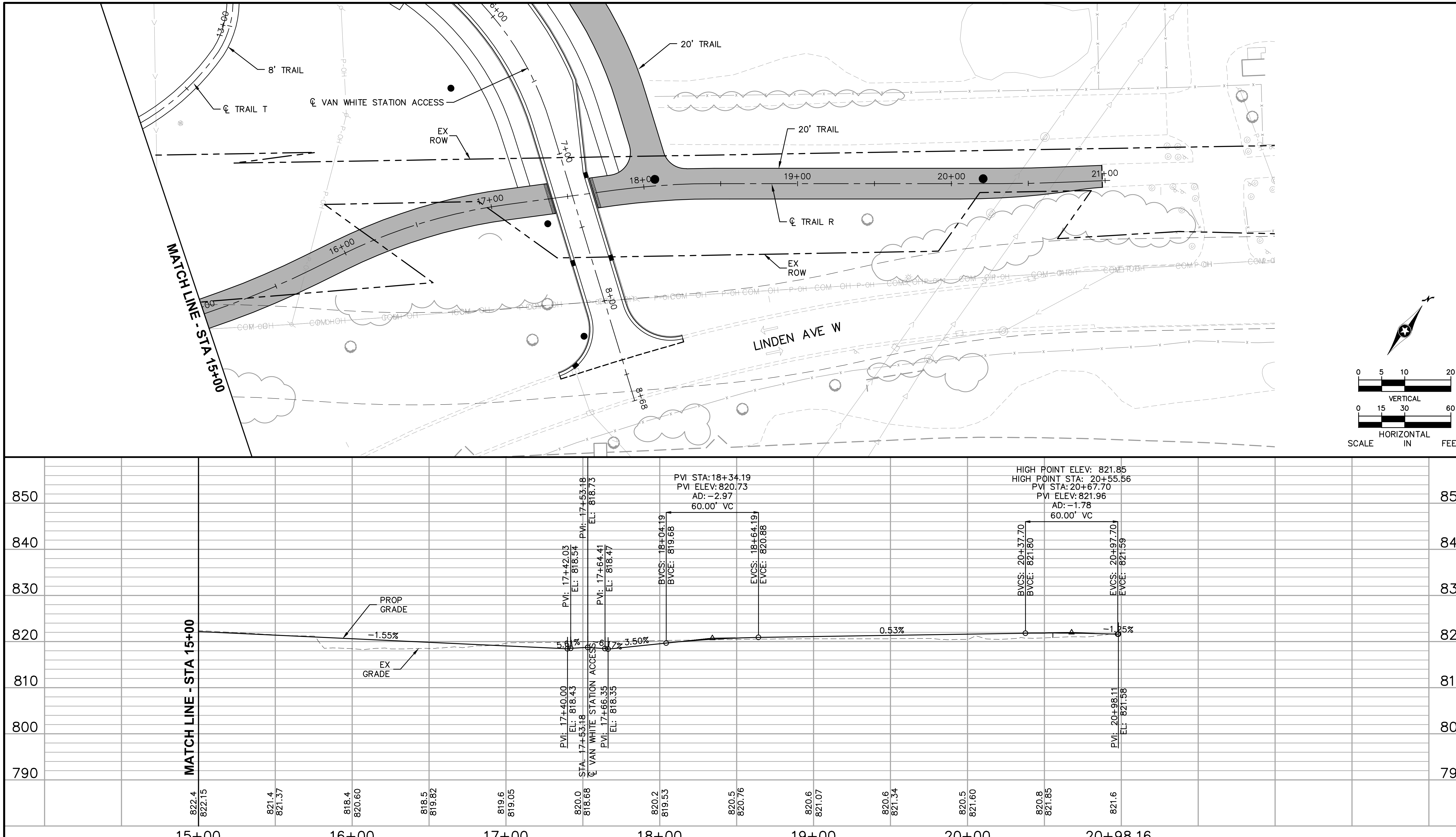
CIVIL - VOLUME 2B
TRAIL R
PLAN AND PROFILE
STA 7+95.18 TO STA 15+00

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 022

SHEET 277 OF 302

Jan. 18 2016 04:32 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

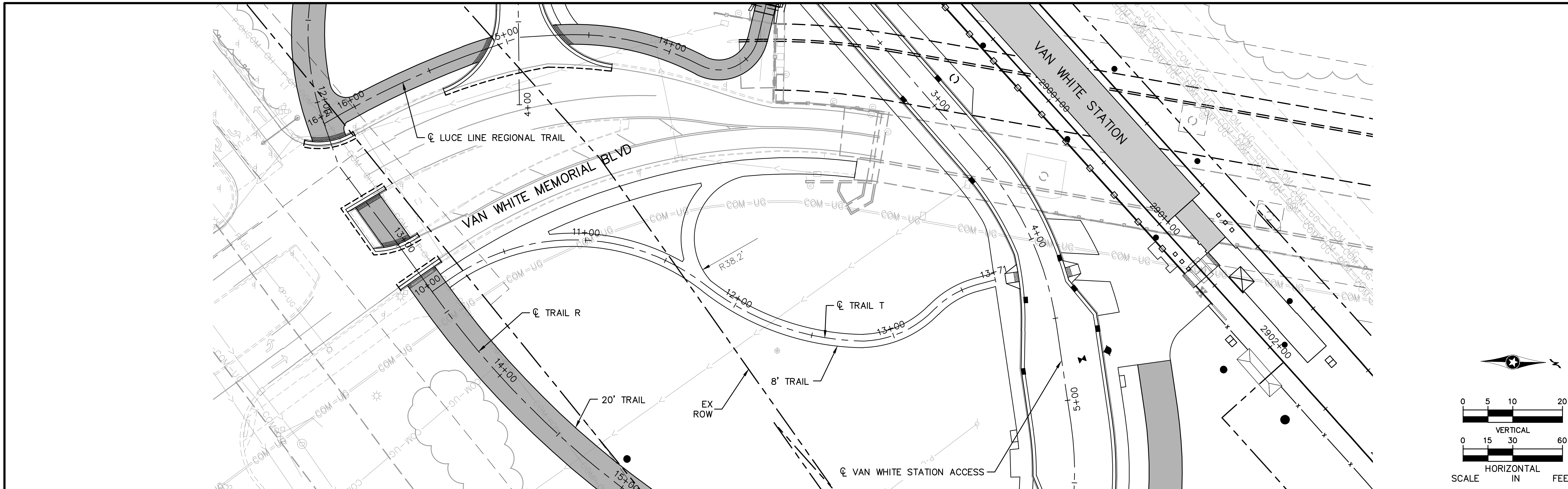
METROPOLITAN COUNCIL

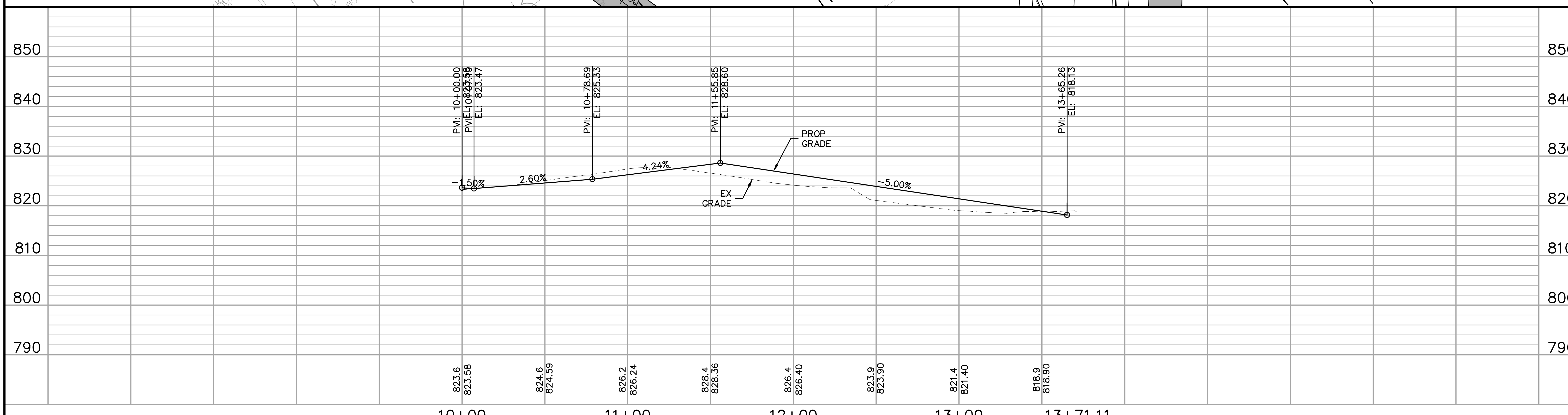
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL R
PLAN AND PROFILE
STA 15+00 TO STA 20+98.16

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 023





Jan, 18 2016 04:34 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-TRL-PRF.dwg By: Wedgehr

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

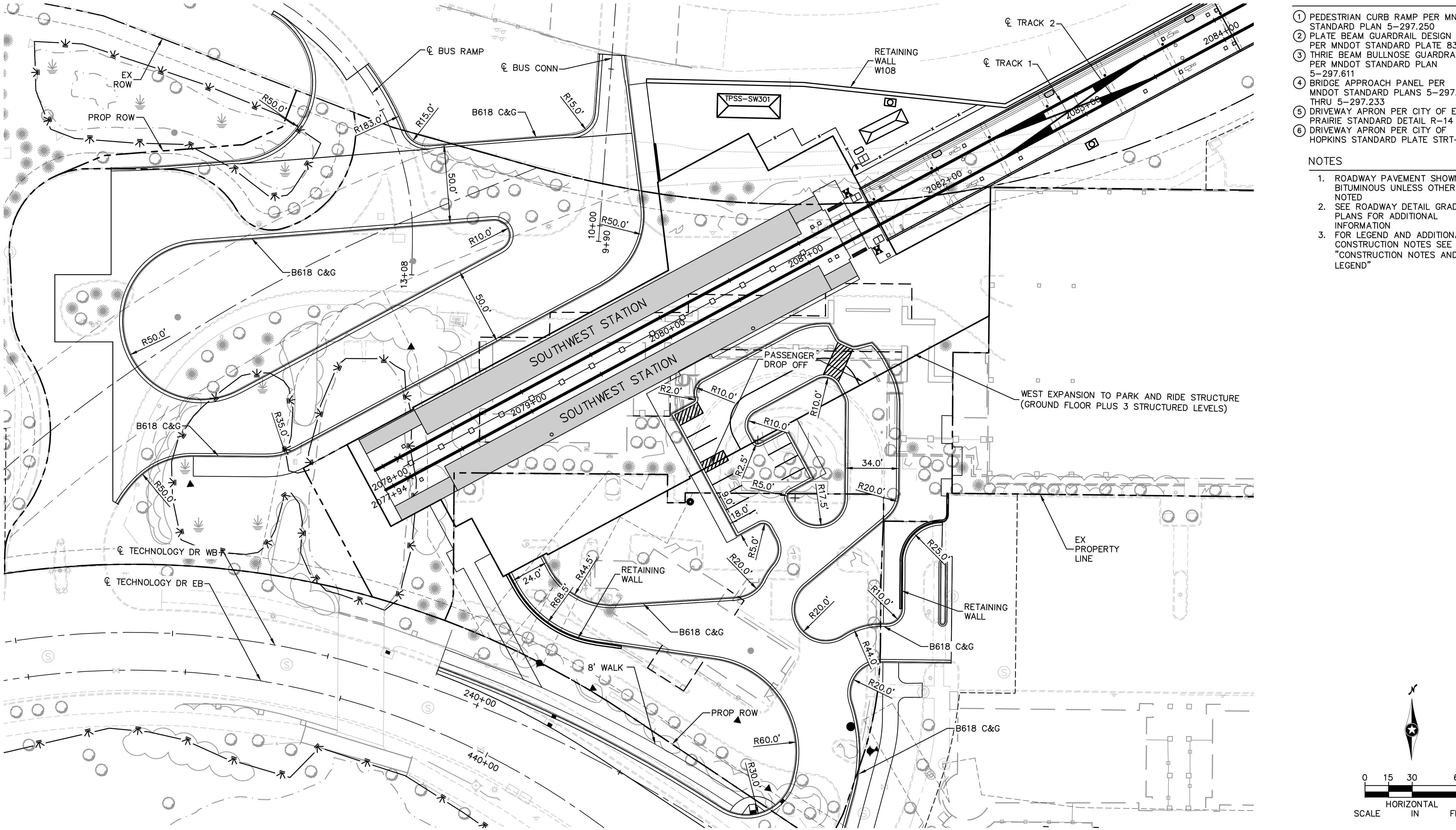
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
TRAIL T
PLAN AND PROFILE
STA 10+00 TO STA 13+71.11

DISCIPLINE: CIVIL

SHEET NAME: E4-TRL-PRF - 024



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

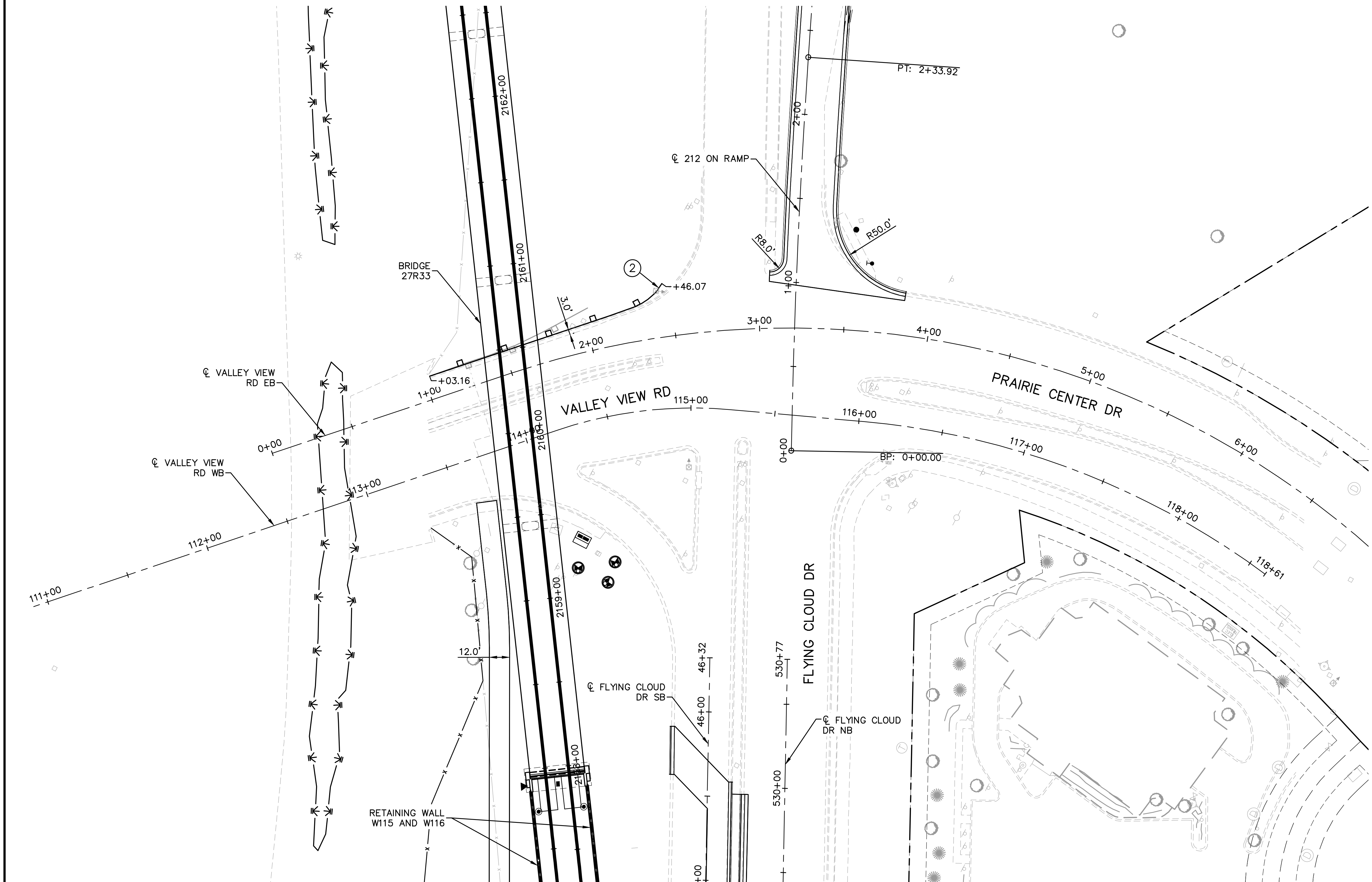
AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
SOUTHWEST STATION PARK AND RIDE SITE PLAN

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-PLN-001

SHEET 280 OF 302



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 15 30 60
HORIZONTAL SCALE IN FEET

Jan, 19 2016 12:12 pm V:\3400_ADC\CAD\SEGMENT W1\PLAN SHEETS\CIVIL\W1-CIV-PLN.dwg By: kmcclement

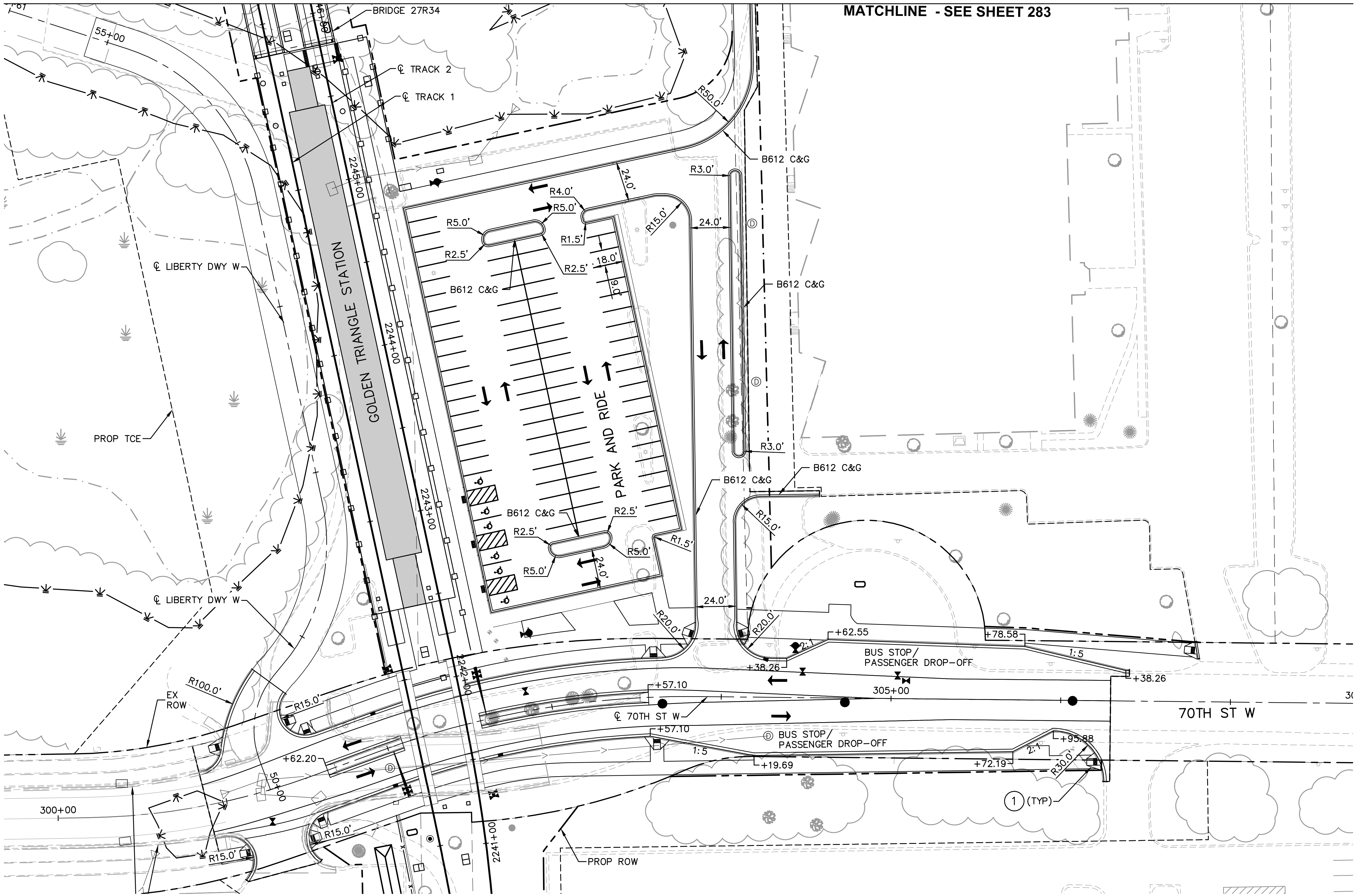
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
VALLEY VIEW ROAD AND FLYING CLOUD DRIVE SITE PLAN

DISCIPLINE: CIVIL
SHEET NAME: W1-CIV-PLN-002



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 15 30 60
HORIZONTAL
SCALE IN FEET

Jan, 19 2016 12:14 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-PLN.dwg By: kmcclement

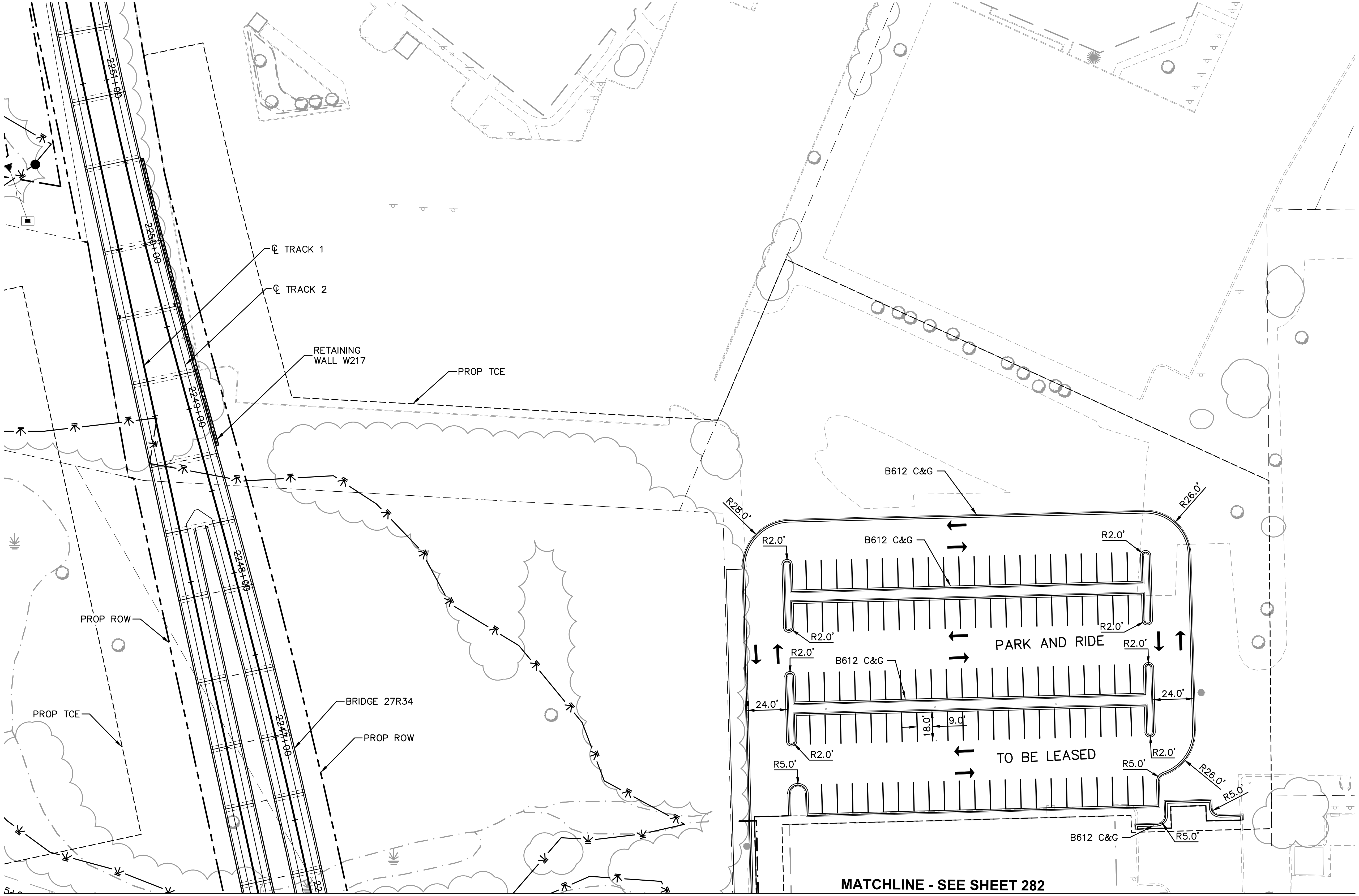
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
GOLDEN TRIANGLE PARK AND RIDE
SITE PLAN
SHEET 1

DISCIPLINE: CIVIL
SHEET NAME: W2-CIV-PLN-001



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

Jan, 19 2016 12:15 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-PLN.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

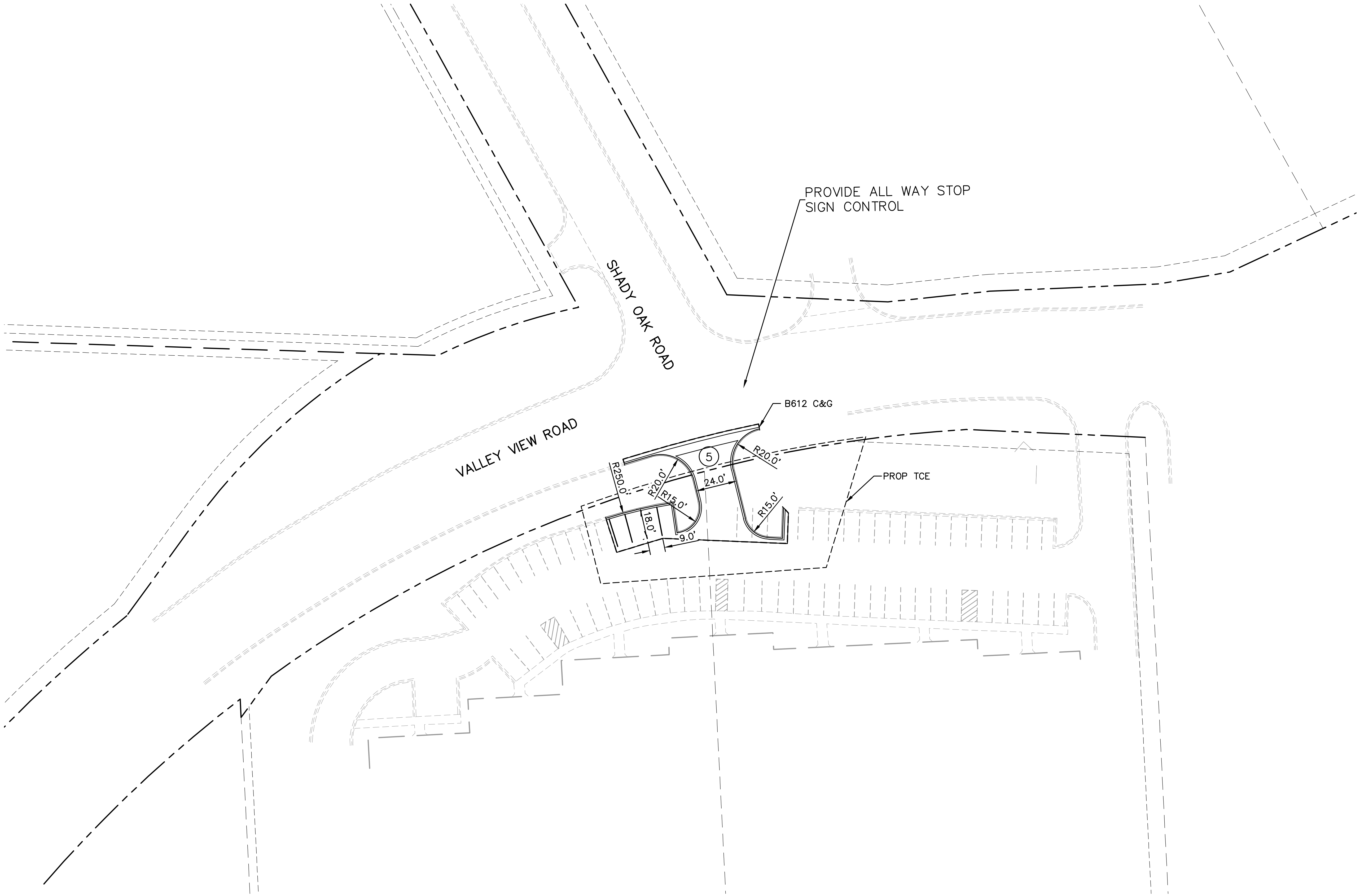
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
GOLDEN TRIANGLE PARK AND RIDE
SITE PLAN
SHEET 2

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-PLN-002

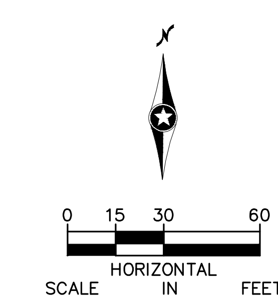


CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
VALLEY VIEW ROAD AND SHADY OAK ROAD SITE PLAN

DISCIPLINE: CIVIL

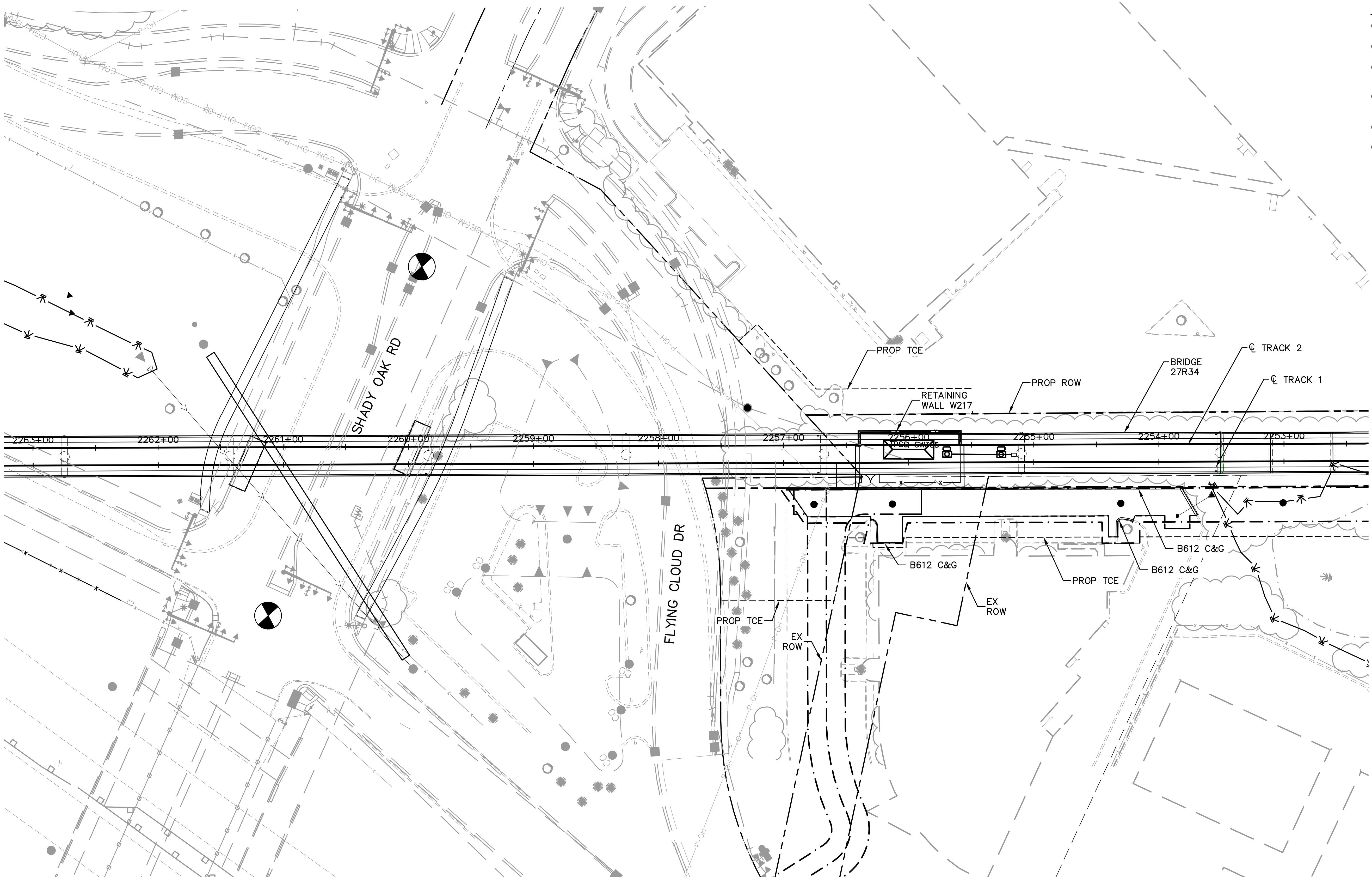
SHEET NAME: W2-CIV-PLN-003

CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

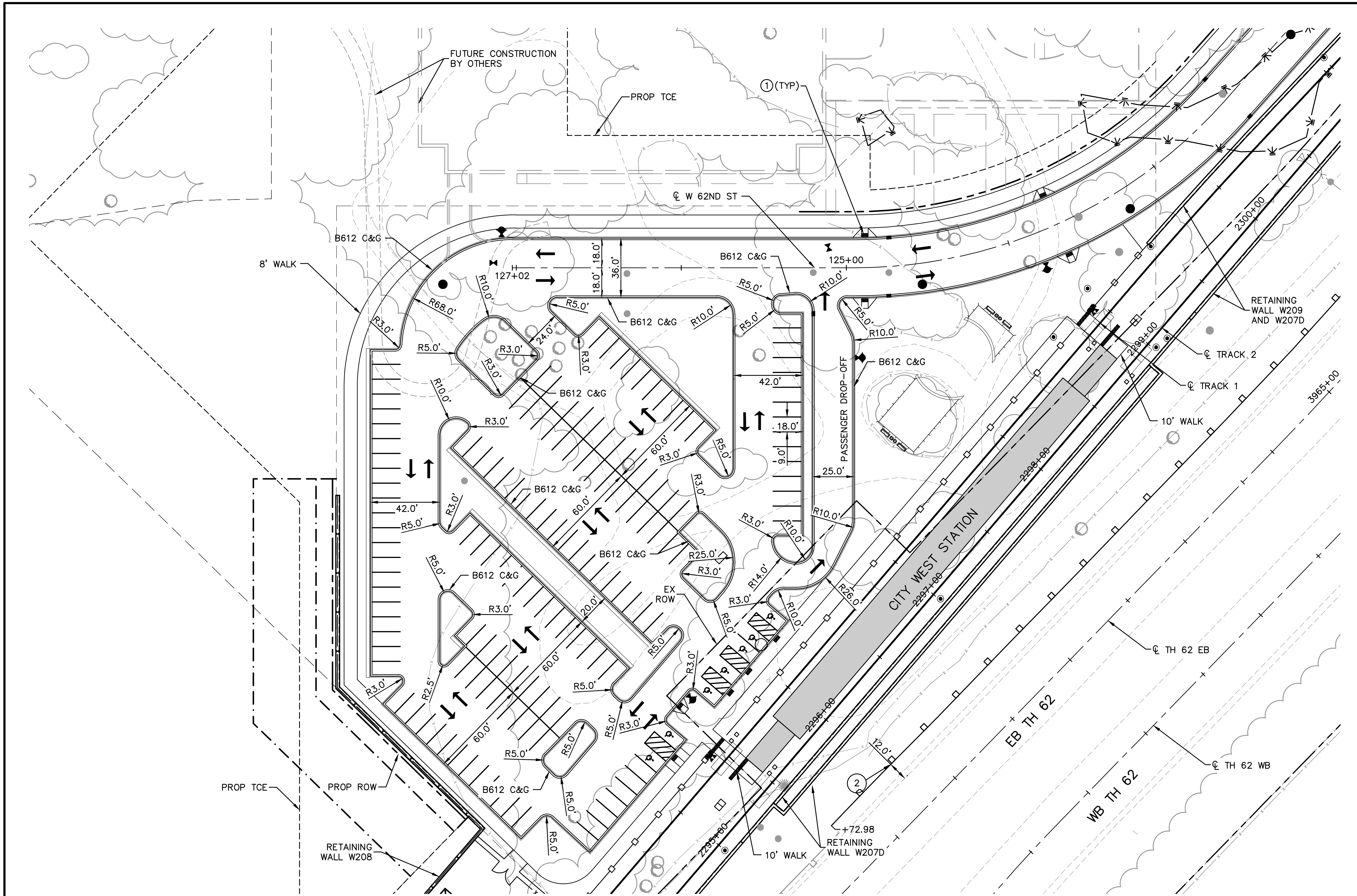
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
SHADY OAK ROAD INTERCHANGE
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-PLN-004

Jan. 19 2016 12:18 pm V:\3400_ADC\CAD\SEGMENT W2\PLAN SHEETS\CIVIL\W2-CIV-PLN.dwg By: kmcclement



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

METROPOLITAN COUNCIL

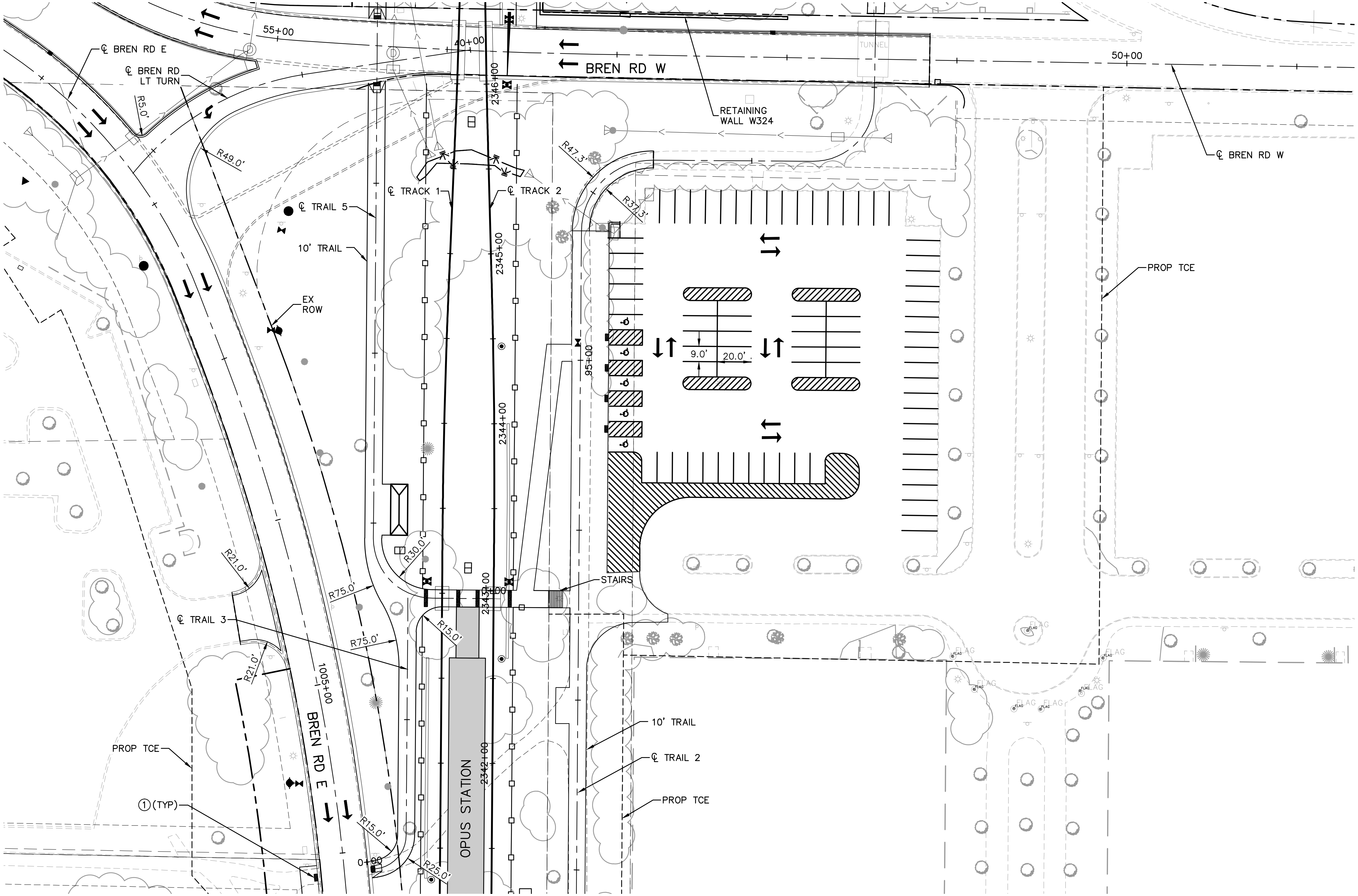
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
CITY WEST STATION PARK AND RIDE
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: W2-CIV-PLN-005



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 15 30 60
HORIZONTAL SCALE IN FEET

Jan. 19 2016 12:19 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-PLN.dwg By: kmcclement

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM

SRF Consulting Group, Inc.

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

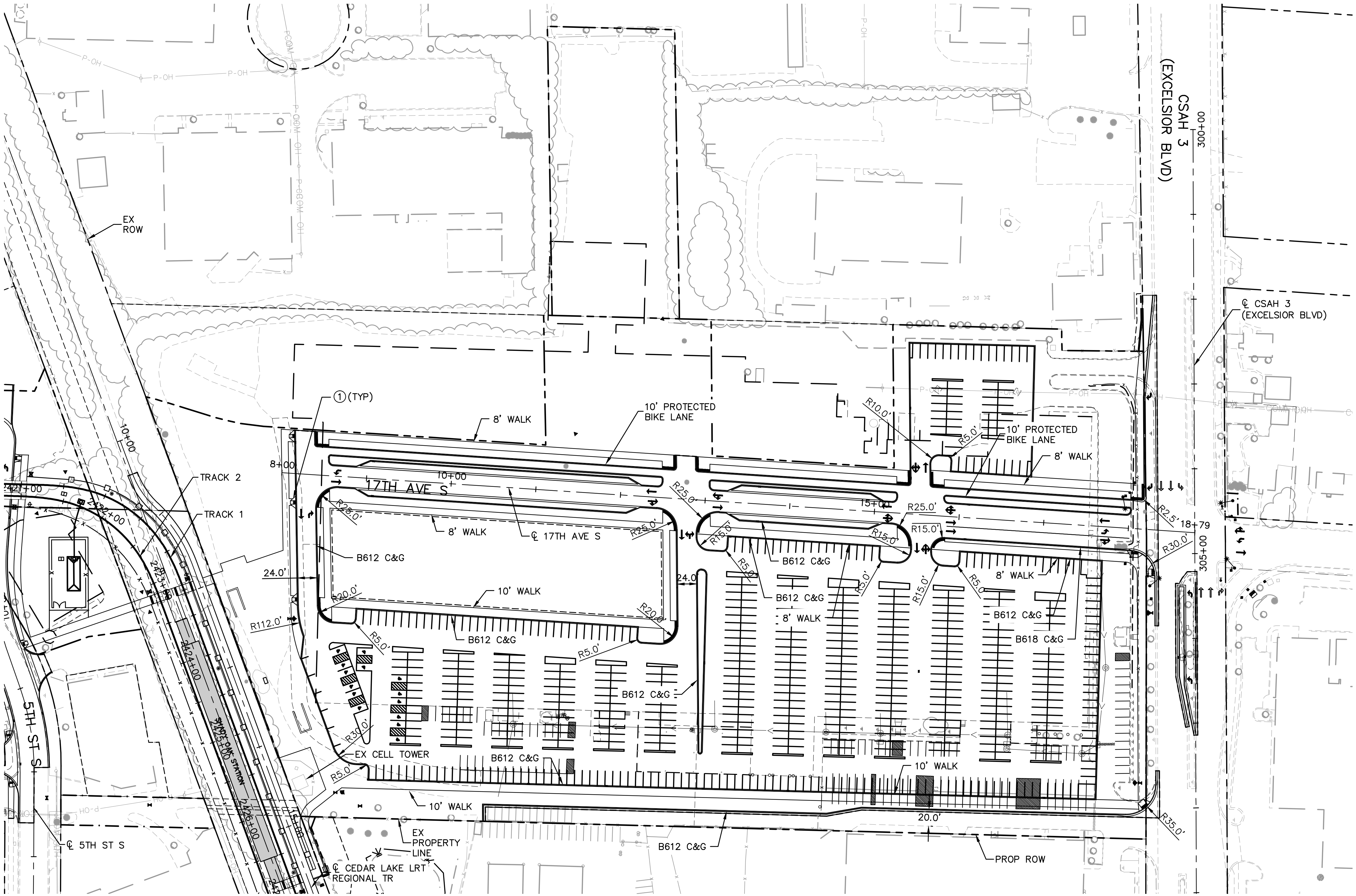
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
OPUS STATION PARK AND RIDE
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: W3-CIV-PLN-001

SHEET 287 OF 302



CONSTRUCTION NOTES

1. PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLAN 5-297.250
2. PLATE BEAM GUARDRAIL DESIGN B PER MNDOT STANDARD PLATE 8307
3. THRIE BEAM BULLNOSE GUARDRAIL PER MNDOT STANDARD PLAN 5-297.611
4. BRIDGE APPROACH PANEL PER MNDOT STANDARD PLANS 5-297.224 THRU 5-297.233
5. DRIVEWAY APRON PER CITY OF EDEN PRAIRIE STANDARD DETAIL R-14
6. DRIVEWAY APRON PER CITY OF HOPKINS STANDARD PLATE STRT-6A

NOTES

1. ROADWAY PAVEMENT SHOWN IS BITUMINOUS UNLESS OTHERWISE NOTED
2. SEE ROADWAY DETAIL GRADING PLANS FOR ADDITIONAL INFORMATION
3. FOR LEGEND AND ADDITIONAL CONSTRUCTION NOTES SEE "CONSTRUCTION NOTES AND LEGEND"

0 30 60 120
HORIZONTAL
SCALE IN FEET

Jan, 19 2016 12:20 pm V:\3400_ADC\CAD\SEGMENT W3\PLAN SHEETS\CIVIL\W3-CIV-PLN.dwg By: kmcclement

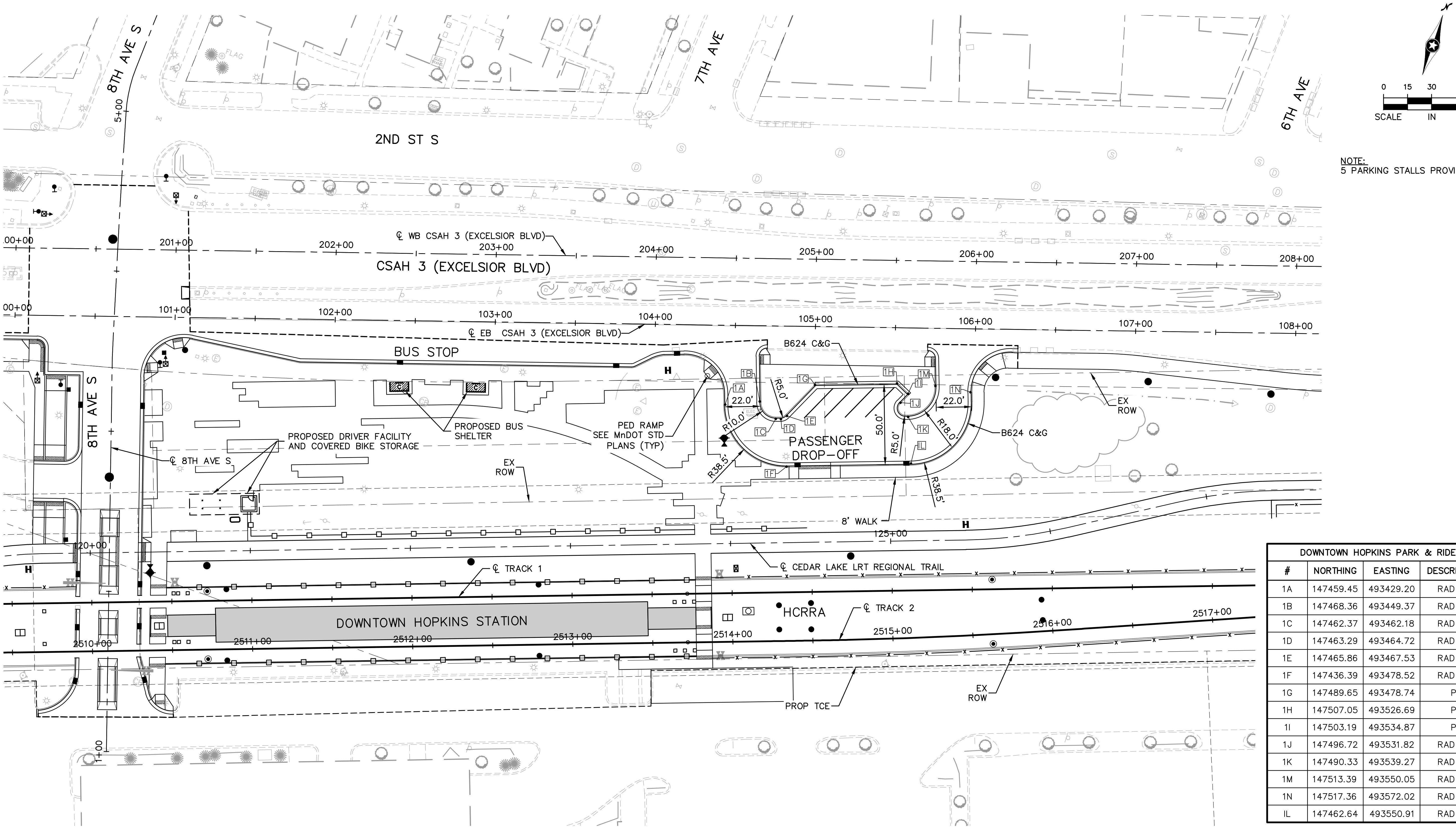
NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM
SRF Consulting Group, Inc.
METROPOLITAN COUNCIL
SOUTHWEST Green Line LRT Extension

90% SUBMISSION - 01/22/16

CIVIL - VOLUME 2B
SHADY OAK STATION PARK AND RIDE
SITE PLAN

DISCIPLINE: CIVIL
SHEET NAME: W3-CIV-PLN-002



NOTE:
5 PARKING STALLS PROVIDED

DOWNTOWN HOPKINS PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
1A	147459.45	493429.20	RAD PT
1B	147468.36	493449.37	RAD PT
1C	147462.37	493462.18	RAD PT
1D	147463.29	493464.72	RAD PT
1E	147465.86	493467.53	RAD PT
1F	147436.39	493478.52	RAD PT
1G	147489.65	493478.74	PI
1H	147507.05	493526.69	PI
1I	147503.19	493534.87	PI
1J	147496.72	493531.82	RAD PT
1K	147490.33	493539.27	RAD PT
1M	147513.39	493550.05	RAD PT
1N	147517.36	493572.02	RAD PT
IL	147462.64	493550.91	RAD PT

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

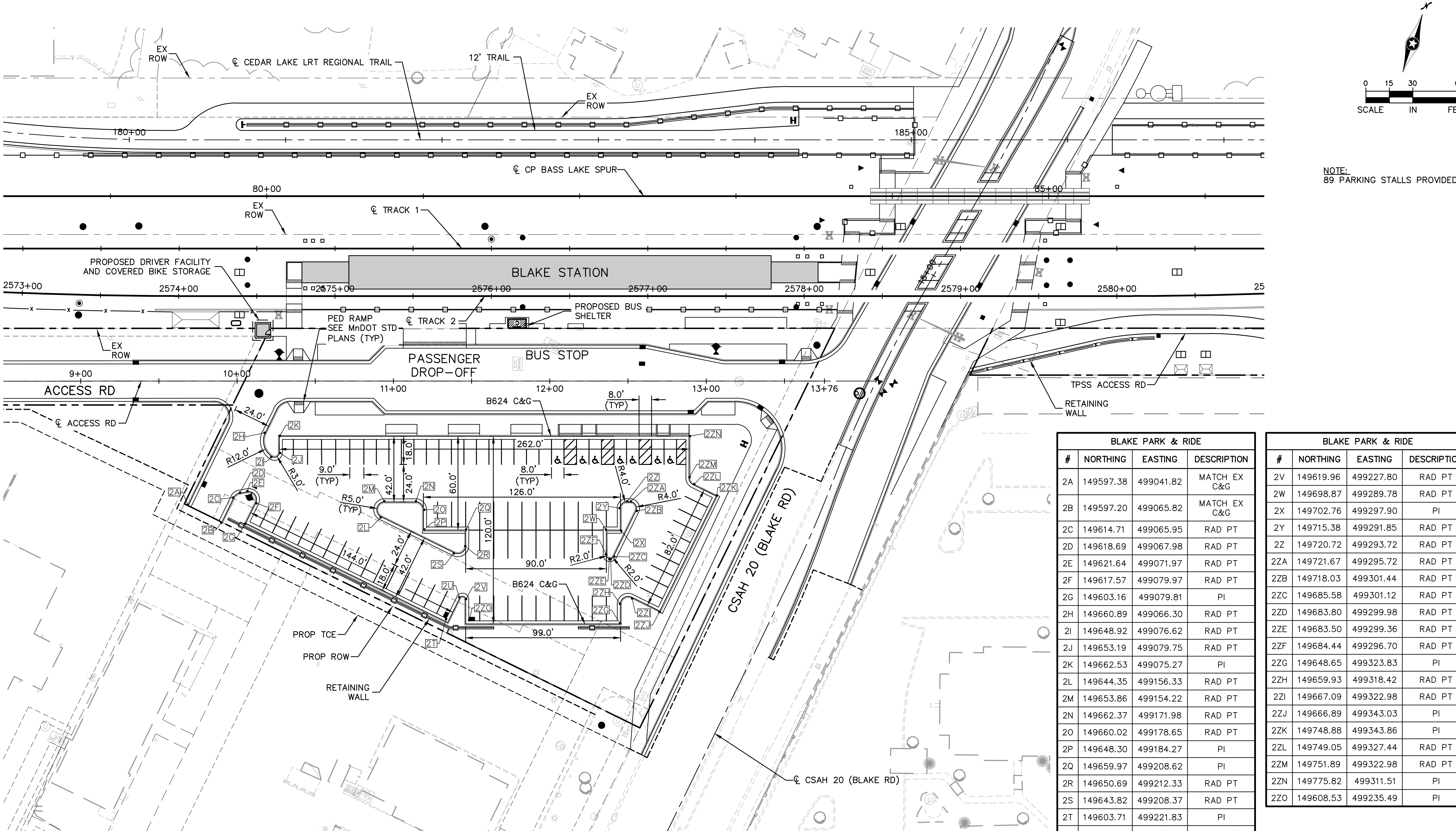
CIVIL - VOLUME 2B
DOWNTOWN HOPKINS STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-PLN-001

SHEET 289 OF 302

Jan, 18 2016 03:32 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-PLN.dwg By: ryan.delmotte



NOTE:
89 PARKING STALLS PROVIDED

BLAKE PARK & RIDE

#	NORTHING	EASTING	DESCRIPTION
2A	149597.38	499041.82	MATCH EX C&G
2B	149597.20	499065.82	MATCH EX C&G
2C	149614.71	499065.95	RAD PT
2D	149618.69	499067.98	RAD PT
2E	149621.64	499071.97	RAD PT
2F	149617.57	499079.97	RAD PT
2G	149603.16	499079.81	PI
2H	149660.89	499066.30	RAD PT
2I	149648.92	499076.62	RAD PT
2J	149653.19	499079.75	RAD PT
2K	149662.53	499075.27	PI
2L	149644.35	499156.33	RAD PT
2M	149653.86	499154.22	RAD PT
2N	149662.37	499171.98	RAD PT
2O	149660.02	499178.65	RAD PT
2P	149648.30	499184.27	PI
2Q	149659.97	499208.62	PI
2R	149650.69	499212.33	RAD PT
2S	149643.82	499208.37	RAD PT
2T	149603.71	499221.83	PI
2U	149619.12	499223.99	RAD PT

BLAKE PARK & RIDE

#	NORTHING	EASTING	DESCRIPTION
2V	149619.96	499227.80	RAD PT
2W	149698.87	499289.78	RAD PT
2X	149702.76	499297.90	PI
2Y	149715.38	499291.85	RAD PT
2Z	149720.72	499293.72	RAD PT
2ZA	149721.67	499295.72	RAD PT
2ZB	149718.03	499301.44	RAD PT
2ZC	149685.58	499301.12	RAD PT
2ZD	149683.80	499299.98	RAD PT
2ZE	149683.50	499299.36	RAD PT
2ZF	149684.44	499296.70	RAD PT
2ZG	149648.65	499323.83	PI
2ZH	149659.93	499318.42	RAD PT
2ZI	149667.09	499322.98	RAD PT
2ZJ	149666.89	499343.03	PI
2ZK	149748.88	499343.86	PI
2ZL	149749.05	499327.44	RAD PT
2ZM	149751.89	499322.98	RAD PT
2ZN	149775.82	499311.51	PI
2ZO	149608.53	499235.49	PI

Jan. 18 2016 03:35 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E1-CIV-PLN.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

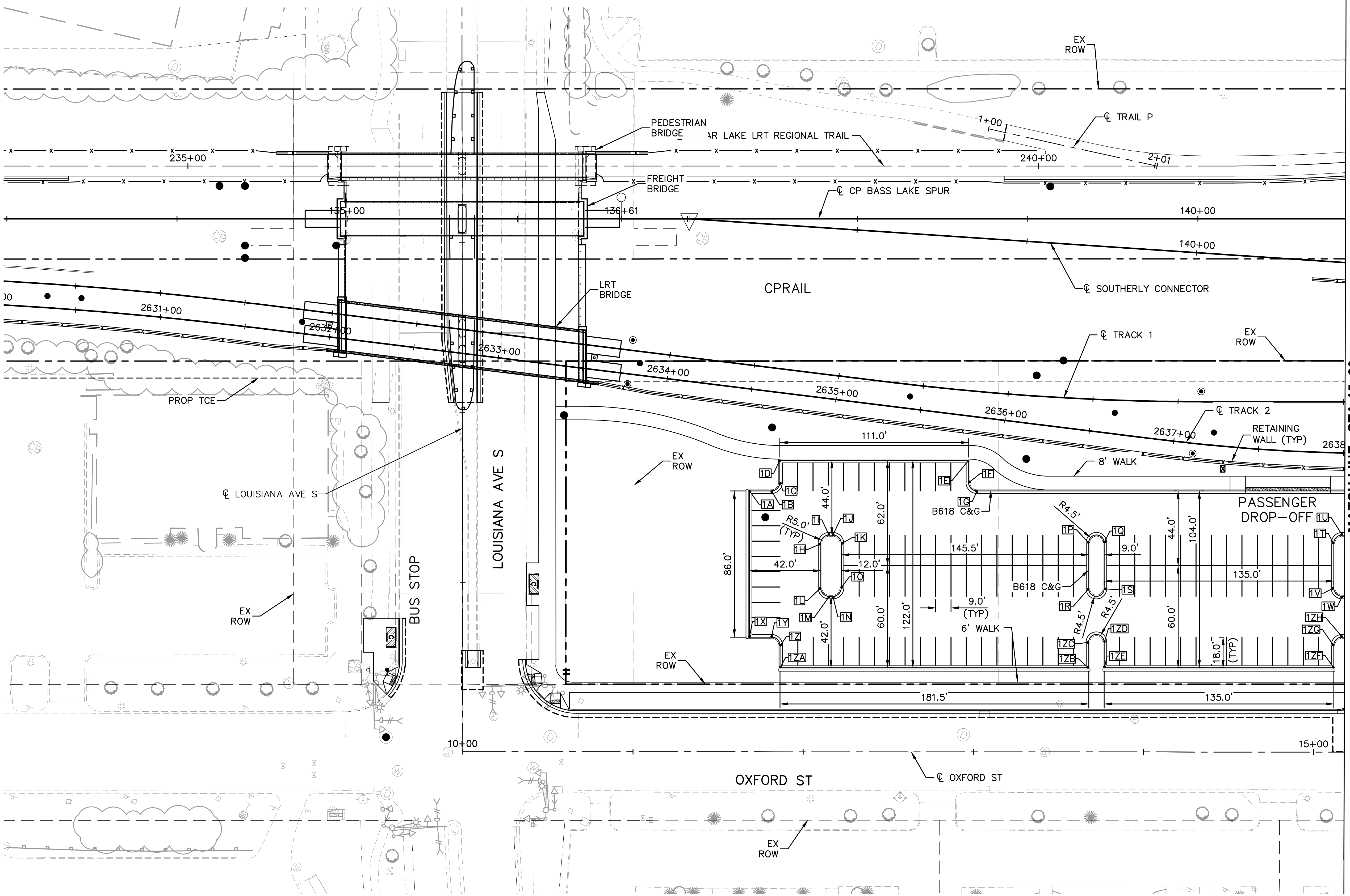
METROPOLITAN COUNCIL

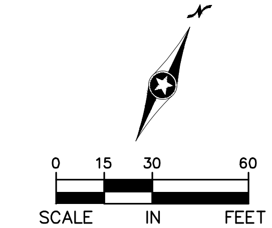
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
BLAKE STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E1-CIV-PLN-002





NOTE:
346 PARKING STALLS PROVIDED

LOUISIANA PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
1A	152131.81	504244.14	PI
1B	152137.40	504255.81	RAD PT
1C	152144.07	504258.16	RAD PT
1D	152155.79	504252.54	PI
1E	152203.76	504352.64	PI
1F	152192.03	504358.26	RAD PT
1G	152189.68	504364.93	RAD PT
1H	152122.00	504295.41	RAD PT
1I	152128.67	504297.76	RAD PT
1J	152129.54	504299.57	RAD PT
1K	152127.19	504306.24	RAD PT
1L	152098.56	504306.65	RAD PT
1M	152096.21	504313.32	RAD PT
1N	152097.07	504315.12	RAD PT
1O	152103.74	504317.47	RAD PT
1P	152190.45	504437.26	RAD PT
1Q	152194.44	504445.33	RAD PT
1R	152166.20	504448.88	RAD PT
1S	152170.01	504457.04	RAD PT
1T	152252.28	504567.32	RAD PT
1U	152258.95	504569.66	RAD PT
1V	152228.83	504578.55	RAD PT
1W	152226.48	504585.22	RAD PT
1X	152054.25	504281.30	PI
1Y	152059.87	504293.03	RAD PT
1Z	152057.52	504299.69	RAD PT
1ZA	152045.80	504305.31	PI
1ZB	152124.22	504468.99	PI
1ZC	152137.69	504462.54	RAD PT
1ZD	152141.68	504470.61	RAD PT
1ZE	152128.11	504477.11	PI
1ZF	152186.44	504598.86	PI
1ZG	152198.17	504593.24	RAD PT
1ZH	152204.84	504595.59	RAD PT

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
LOUISIANA STATION
SITE PLAN
STA 10+00 TO STA 15+20

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-PLN-001

SHEET 291 OF 302

Jan. 18 2016 10:33 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-PLN.dwg By: ryan.delmotte

LOUISIANA PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
2A	152259.81	504571.47	RAD PT
2B	152257.46	504578.14	RAD PT
2C	152234.01	504589.37	RAD PT
2D	152227.34	504587.02	RAD PT
2E	152205.70	504597.39	RAD PT
2F	152203.35	504604.06	RAD PT
2G	152183.96	504613.35	END C&G
2H	152284.34	504562.49	RAD PT
2I	152270.25	504602.51	RAD PT
2J	152250.41	504612.01	RAD PT
2K	152210.08	504629.67	RAD PT
2L	152195.20	504636.80	BEGIN C&G
2M	152245.71	504625.35	RAD PT
2N	152257.59	504650.15	RAD PT
2O	152223.42	504634.37	RAD PT

LOUISIANA PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
2P	152235.95	504660.52	RAD PT
2Q	152264.26	504652.50	RAD PT
2R	152275.98	504646.88	PI
2S	152318.76	504736.16	PI
2T	152305.29	504742.62	RAD PT
2U	152221.87	504672.81	PI
2V	152264.65	504762.09	PI
2W	152278.12	504755.64	RAD PT
2X	152309.08	504750.78	RAD PT
2XA	152322.65	504744.28	PI
2XB	152361.54	504825.45	PI
2XC	152348.07	504831.90	RAD PT
2XD	152282.11	504763.70	RAD PT
2XE	152268.54	504770.21	PI
2XF	152307.43	504851.37	RAD PT

LOUISIANA PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
2XG	152320.90	504844.92	RAD PT
2XH	152351.85	504840.07	RAD PT
2XI	152365.43	504833.56	PI
2XJ	152408.20	504922.84	PI
2XK	152396.48	504928.46	RAD PT
2XL	152324.89	504852.99	RAD PT
2XM	152311.32	504859.49	PI
2XN	152354.09	504948.77	PI
2XO	152365.82	504943.15	RAD PT
2XP	152394.13	504935.13	RAD PT
2XQ	152406.66	504961.28	RAD PT
2XR	152372.92	504946.40	RAD PT
2XS	152385.02	504971.65	RAD PT
2XT	152420.00	504965.98	RAD PT
2XU	152439.84	504956.48	RAD PT

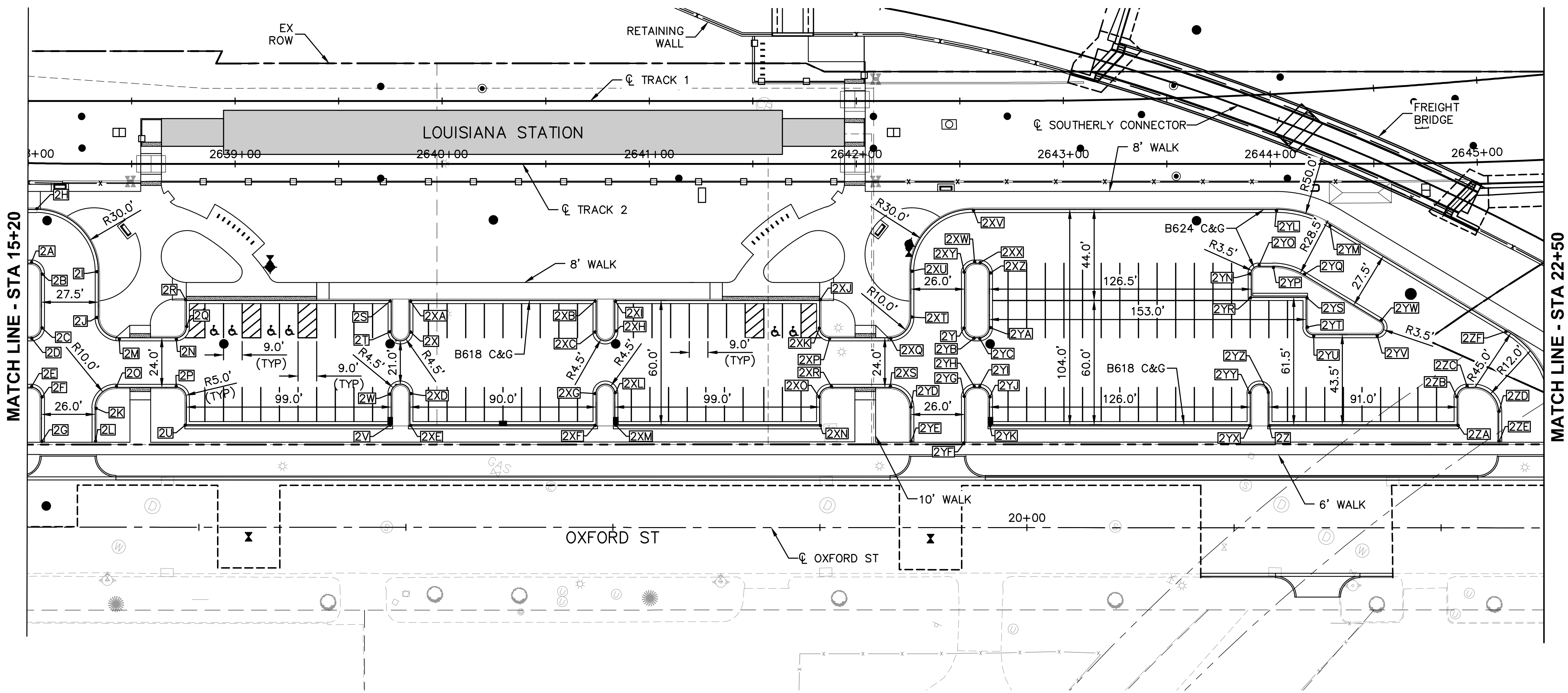
LOUISIANA PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
2XV	152479.86	504970.57	RAD PT
2XW	152456.84	504982.70	RAD PT
2XX	152457.71	504984.51	RAD PT
2XY	152450.17	504980.36	RAD PT
2XZ	152455.36	504991.18	RAD PT
2Y	152426.72	504991.59	RAD PT
2YA	152431.91	505002.41	RAD PT
2YB	152424.38	504998.26	RAD PT
2YC	152425.24	505000.06	RAD PT
2YD	152380.32	504984.99	RAD PT
2YE	152365.44	504992.12	PI
2YF	152376.67	505015.57	PI
2YG	152396.06	505006.28	RAD PT
2YH	152402.73	505008.63	RAD PT
2YI	152403.60	505010.43	RAD PT

LOUISIANA PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
2YJ	152401.25	505017.10	RAD PT
2YK	152389.52	505022.72	PI
2YL	152543.20	505102.77	RAD PT
2YM	152547.88	505129.12	RAD PT
2YN	152510.02	505105.26	RAD PT
2YO	152514.68	505106.90	RAD PT
2YP	152517.68	505113.15	RAD PT
2YQ	152520.35	505128.17	RAD PT
2YR	152499.64	505110.23	PI
2YS	152511.10	505134.13	PI
2YT	152498.02	505140.39	RAD PT
2YU	152496.37	505145.06	RAD PT
2YV	152509.58	505172.62	RAD PT
2YW	152516.22	505171.44	RAD PT
2YX	152443.97	505136.35	PI

LOUISIANA PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
2YY	152457.44	505129.90	RAD PT
2YZ	152461.43	505137.96	RAD PT
2Z	152447.85	505144.47	PI
2ZA	152487.17	505226.53	PI
2ZB	152498.90	505220.92	RAD PT
2ZC	152505.57	505223.27	RAD PT
2ZD	152501.23	505241.98	RAD PT
2ZE	152488.15	505248.24	END C&G
2ZF	152538.37	505228.85	RAD PT

0 15 30 60
SCALE IN FEET

NOTE:
346 PARKING STALLS PROVIDED



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

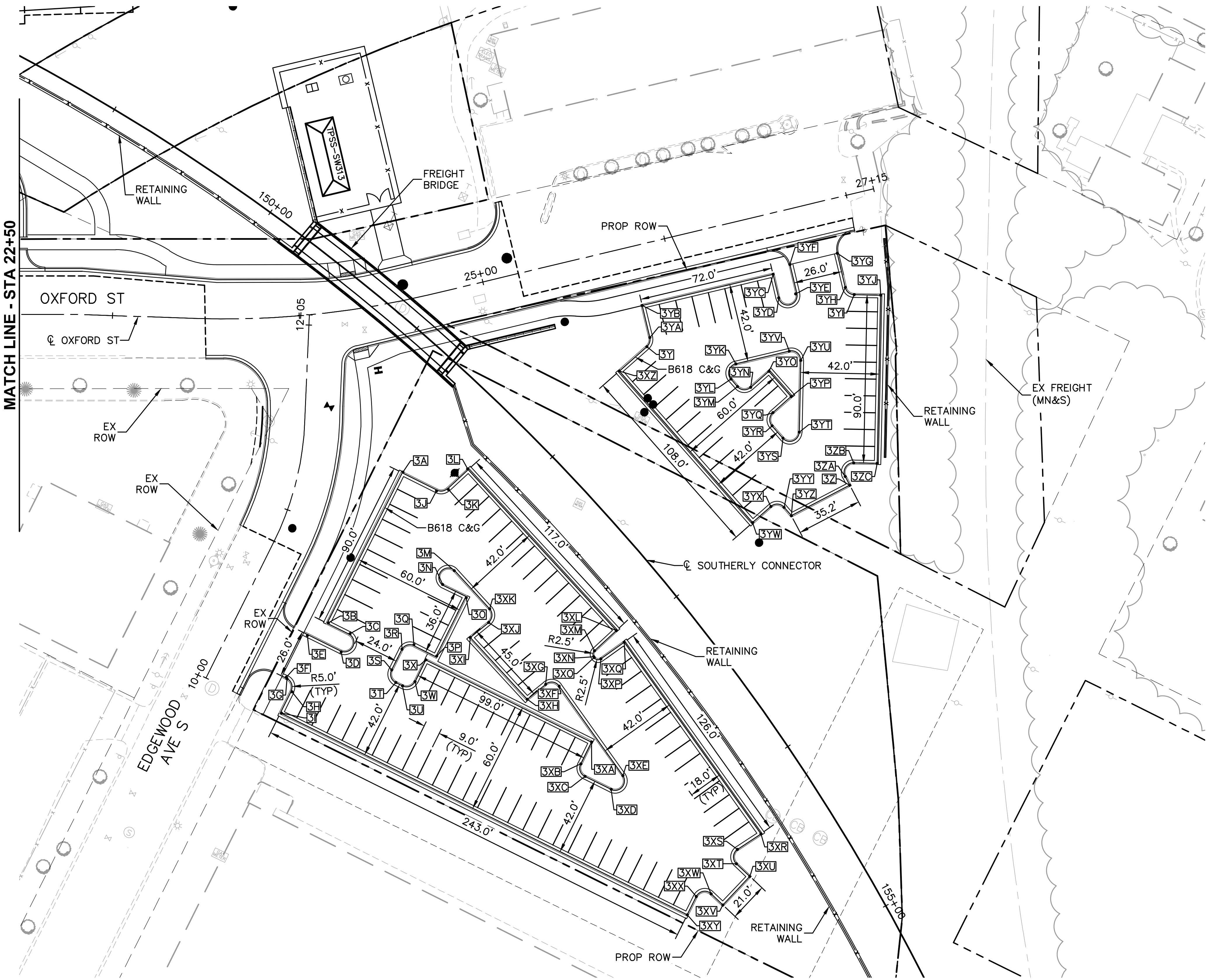
CIVIL - VOLUME 2B
LOUISIANA STATION
SITE PLAN
STA 15+20 TO STA 22+50

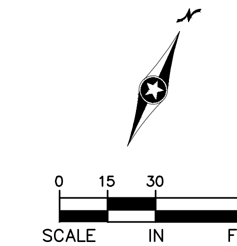
DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-PLN-002

SHEET 292 OF 302

Jan. 18 2016 09:50 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-PLN.dwg By: ryan.delmotte





NOTE:
346 PARKING STALLS PROVIDED

LOUISIANA PARK & RIDE

#	NORTHING	EASTING	DESCRIPTION
3A	152472.63	505507.58	PI
3B	152382.64	505506.15	PI
3C	152382.44	505519.15	RAD PT
3D	152372.44	505519.00	RAD PT
3E	152372.71	505499.01	END C&G
3F	152346.72	505498.65	BEGIN C&G
3G	152346.70	505499.55	RAD PT
3H	152341.64	505504.48	RAD PT
3I	152328.64	505504.30	PI
3J	152472.30	505528.43	RAD PT
3K	152475.45	505533.15	RAD PT
3L	152489.40	505538.73	PI
3M	152437.36	505555.80	RAD PT
3N	152427.76	505553.33	RAD PT
3O	152427.68	505566.88	PI
3P	152391.69	505566.31	PI
3Q	152391.89	505553.31	RAD PT
3R	152387.52	505548.23	RAD PT
3S	152375.05	505548.04	RAD PT
3T	152369.98	505552.97	RAD PT
3U	152369.92	505556.97	RAD PT
3W	152374.85	505562.03	RAD PT
3X	152387.85	505562.21	PI
3XA	152386.50	505661.20	PI
3XB	152373.50	505661.03	RAD PT
3XC	152368.43	505665.96	RAD PT
3XD	152368.22	505681.58	RAD PT
3XE	152377.59	505684.07	RAD PT
3XF	152405.98	505632.63	RAD PT
3XG	152403.74	505625.70	RAD PT
3XH	152392.25	505620.26	PI
3XI	152408.93	505578.47	PI
3XJ	152420.42	505583.90	RAD PT
3XK	152427.21	505581.24	RAD PT
3XL	152446.02	505647.39	PI
3XM	152431.23	505641.48	RAD PT
3XN	152428.19	505642.46	RAD PT
3XO	152427.91	505642.91	RAD PT
3XP	152428.81	505646.44	RAD PT
3XQ	152442.24	505653.86	PI
3XR	152381.36	505764.17	PI
3XS	152368.46	505756.39	RAD PT
3XT	152361.28	505759.24	RAD PT
3XU	152358.28	505768.60	PI
3XV	152338.28	505762.19	PI

LOUISIANA PARK & RIDE

#	NORTHING	EASTING	DESCRIPTION
3XW	152340.92	505753.96	RAD PT
3XX	152336.23	505747.43	RAD PT
3XY	152325.31	505747.28	PI
3XZ	152571.90	505588.83	PI
3Y	152590.03	505596.54	RAD PT
3YA	152595.13	505595.82	RAD PT
3YB	152608.82	505584.74	PI
3YC	152654.13	505640.69	PI
3YD	152644.02	505648.88	RAD PT
3YE	152649.90	505656.13	RAD PT
3YF	152662.75	505646.58	END C&G
3YG	152679.11	505666.79	BEGIN C&G
3YH	152664.52	505678.60	RAD PT
3YI	152663.11	505684.55	RAD PT
3YJ	152668.95	505697.43	PI
3YK	152602.30	505643.43	RAD PT
3YL	152593.82	505644.62	RAD PT
3YM	152591.76	505649.46	RAD PT
3YN	152594.40	505656.02	RAD PT
3YO	152606.37	505661.11	PI
3YP	152599.32	505677.67	PI
3YQ	152587.36	505672.59	RAD PT
3YR	152580.80	505675.23	RAD PT
3YS	152577.36	505683.32	RAD PT
3YT	152584.03	505689.83	RAD PT
3YU	152618.98	505673.98	RAD PT
3YV	152620.80	505666.28	RAD PT
3YW	152529.64	505688.22	PI
3YX	152541.60	505693.31	RAD PT
3YY	152544.25	505699.86	RAD PT
3YZ	152541.93	505705.32	PI
3Z	152570.12	505726.43	PI
3ZA	152573.25	505722.25	RAD PT
3ZB	152581.81	505723.19	RAD PT
3ZC	152586.99	505734.61	PI

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

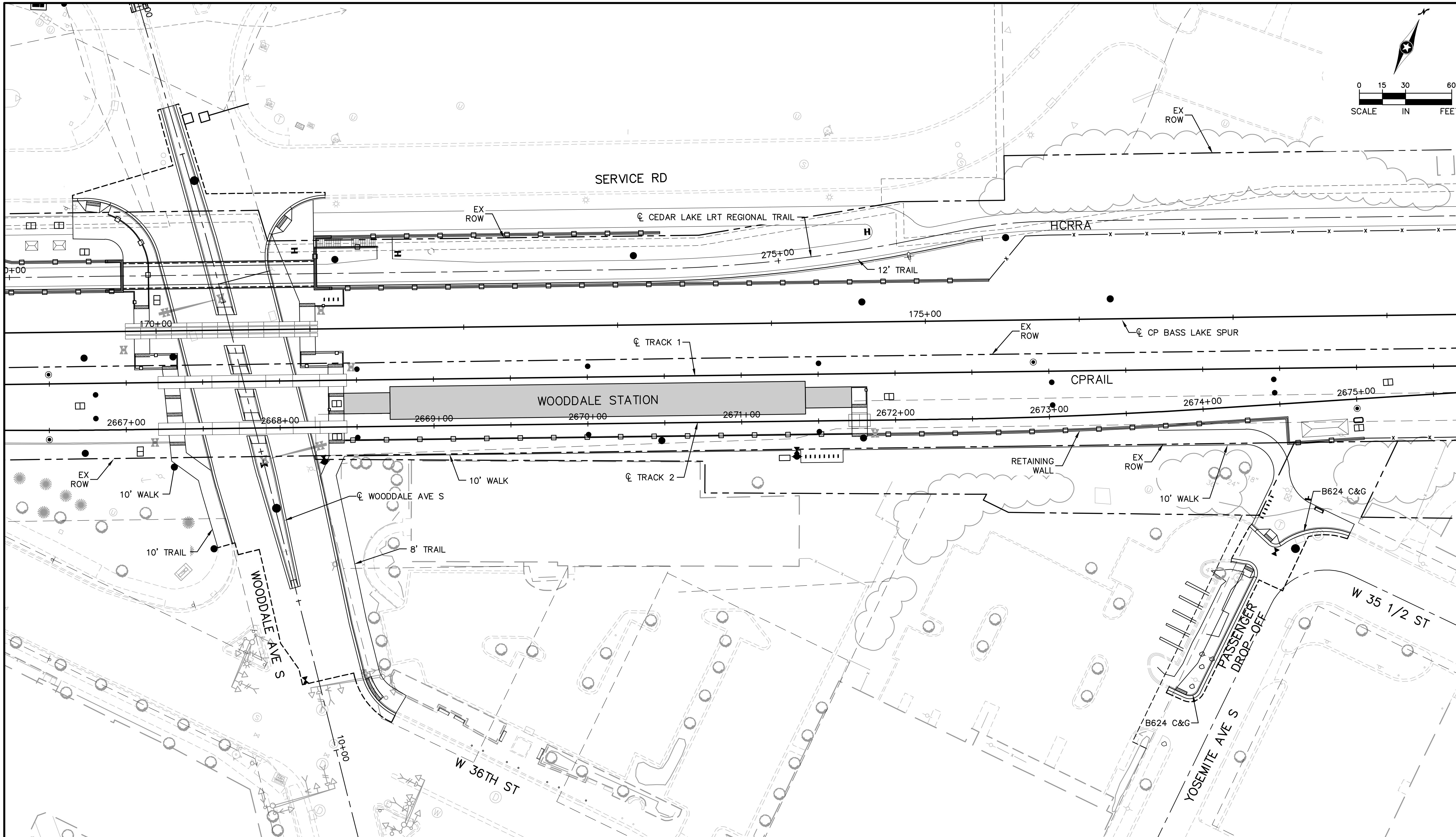
CIVIL - VOLUME 2B
LOUISIANA STATION
SITE PLAN
STA 22+50 TO STA 27+15

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-PLN-003

SHEET 293 OF 302

Jan. 18 2016 09:52 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-PLN.dwg By: ryan.delmotte



Jan. 18 2016 03:48 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-PLN.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

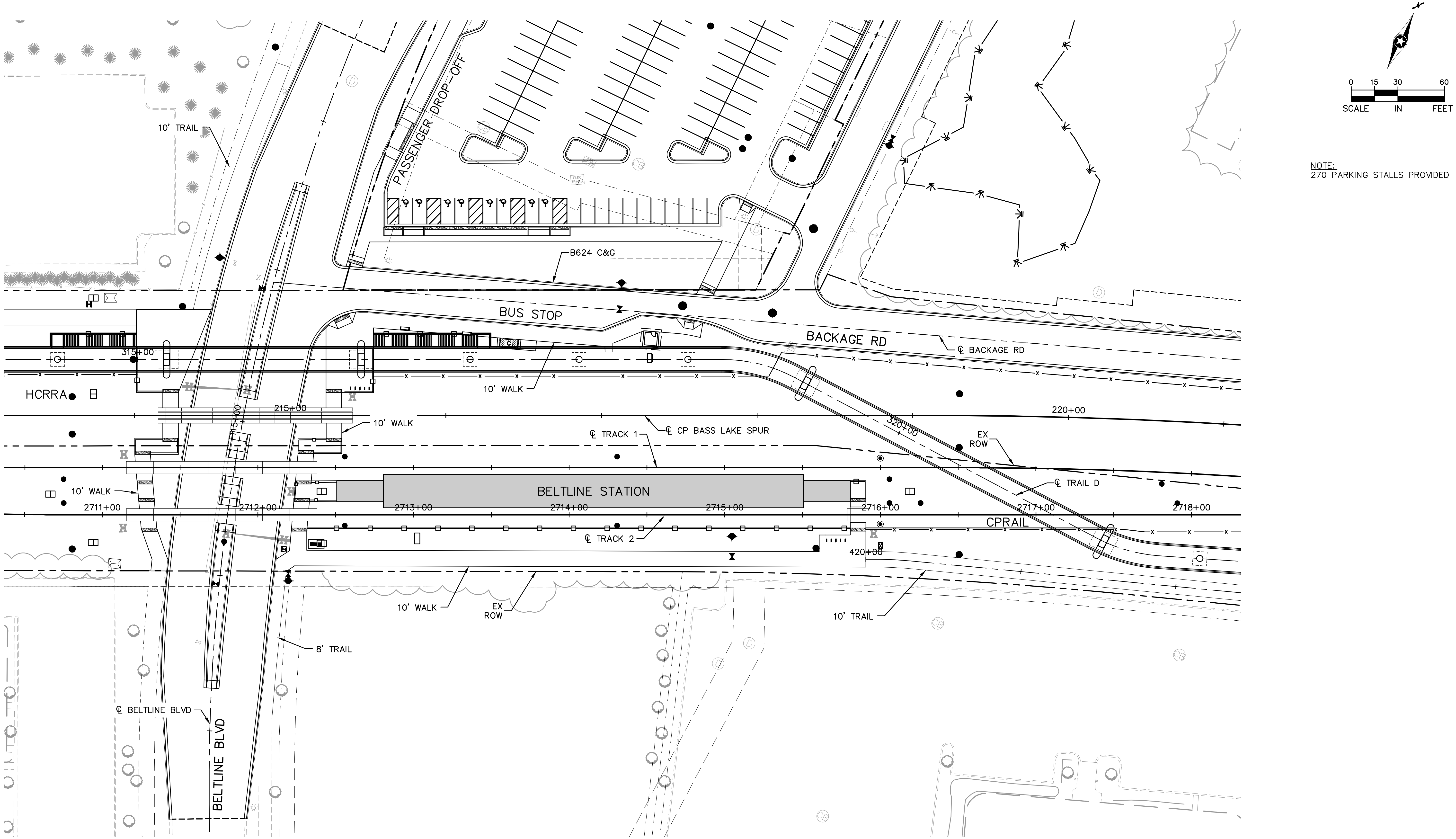
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
WOODALE STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-PLN-004

SHEET 294 OF 302



NOTE:
270 PARKING STALLS PROVIDED

Jan. 18 2016 03:50 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-PLN.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

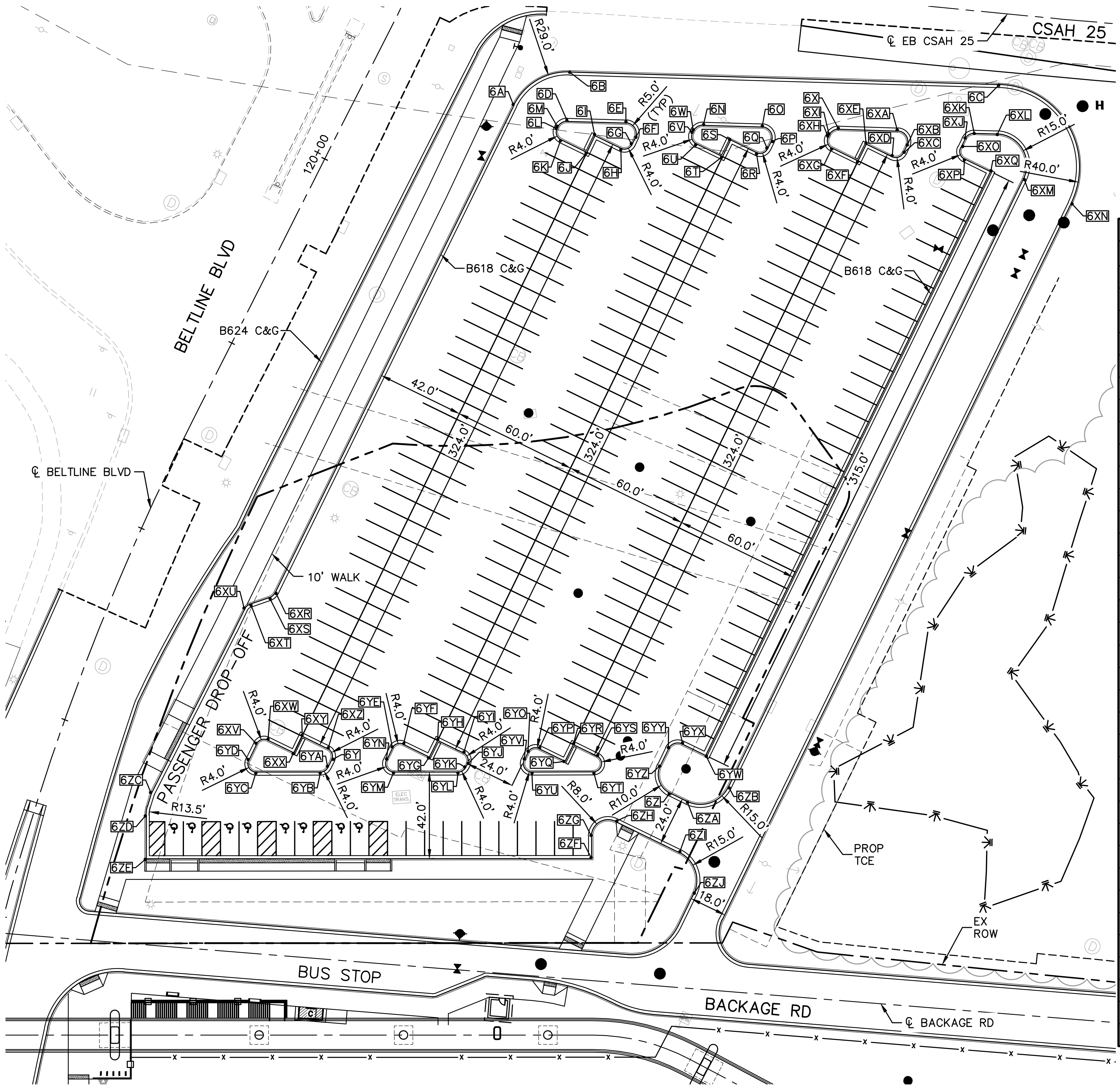
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
BELTLINE STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-PLN-005

SHEET 295 OF 302



0 15 30 60
SCALE IN FEET

NOTE:
270 PARKING STALLS PROVIDED

BELTLINE PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
6A	156173.00	511181.64	RAD PT
6B	156199.26	511198.88	RAD PT
6C	156283.88	511389.67	RAD PT
6D	156177.25	511208.43	RAD PT
6E	156188.81	511234.51	RAD PT
6F	156184.21	511241.54	RAD PT
6G	156180.64	511241.51	RAD PT
6H	156176.67	511237.48	RAD PT
6I	156176.77	511223.48	PI
6J	156167.77	511223.42	PI
6K	156167.87	511209.42	RAD PT
6L	156171.90	511205.45	RAD PT
6M	156172.71	511205.45	RAD PT
6N	156203.94	511268.62	RAD PT
6O	156215.51	511294.71	RAD PT
6P	156210.90	511301.73	RAD PT
6Q	156207.21	511301.71	RAD PT
6R	156203.23	511297.68	RAD PT
6S	156203.34	511283.68	PI
6T	156194.34	511283.61	PI
6U	156194.44	511269.61	RAD PT
6V	156198.47	511265.64	RAD PT
6W	156199.41	511265.65	RAD PT
6X	156230.64	511328.82	RAD PT
6XA	156242.20	511354.90	RAD PT
6XB	156237.60	511361.93	RAD PT
6XC	156233.77	511361.90	RAD PT
6XD	156229.80	511357.87	RAD PT
6XE	156229.90	511343.87	PI
6XF	156220.90	511343.81	PI
6XG	156221.00	511329.81	RAD PT
6XH	156225.03	511325.84	RAD PT
6XI	156226.10	511325.84	RAD PT
6XJ	156252.80	511386.04	RAD PT
6XK	156256.72	511389.28	RAD PT

BELTLINE PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
6XL	156261.06	511399.08	RAD PT
6XM	156247.87	511419.89	RAD PT
6XN	156247.06	511445.89	RAD PT
6XO	156248.92	511386.01	RAD PT
6XP	156244.02	511389.97	RAD PT
6XQ	156243.92	511403.97	PI
6XR	155910.10	511179.38	RAD PT
6XS	155906.58	511177.88	RAD PT
6XT	155899.77	511170.96	RAD PT
6XU	155896.25	511169.46	RAD PT
6XV	155839.91	511203.04	RAD PT
6XW	155843.88	511207.07	RAD PT
6XX	155843.78	511221.07	PI
6XY	155852.78	511221.14	PI
6XZ	155852.68	511235.14	RAD PT
6Y	155848.65	511239.11	RAD PT
6YA	155844.56	511239.08	RAD PT
6YB	155840.98	511236.81	RAD PT
6YC	155827.49	511208.71	RAD PT
6YD	155831.13	511202.98	RAD PT
6YE	155866.48	511263.24	RAD PT
6YF	155870.45	511267.27	RAD PT
6YG	155870.34	511281.27	PI
6YH	155879.34	511281.33	PI
6YI	155879.24	511295.33	RAD PT
6YJ	155875.21	511299.30	RAD PT
6YK	155873.45	511299.29	RAD PT
6YL	155869.88	511297.02	RAD PT
6YM	155856.39	511268.92	RAD PT
6YN	155860.03	511263.19	RAD PT
6YO	155893.04	511323.43	RAD PT
6YP	155897.01	511327.46	RAD PT
6YQ	155896.91	511341.46	PI
6YR	155905.91	511341.53	PI
6YS	155905.82	511354.36	RAD PT

BELTLINE PARK & RIDE			
#	NORTHING	EASTING	DESCRIPTION
6YT	155898.21	511356.06	RAD PT
6YU	155885.29	511329.13	RAD PT
6YV	155888.92	511323.40	RAD PT
6YW	155928.93	511401.69	PI
6YX	155929.02	511389.18	RAD PT
6YY	155924.06	511384.14	RAD PT
6YZ	155915.10	511384.08	RAD PT
6Z	155905.03	511394.02	RAD PT
6ZA	155904.97	511403.15	RAD PT
6ZB	155919.87	511418.24	RAD PT
6ZC	155796.16	511167.27	RAD PT
6ZD	155785.60	511169.61	RAD PT
6ZE	155766.53	511178.76	PI
6ZF	155859.99	511373.48	PI
6ZG	155869.68	511368.83	RAD PT
6ZH	155881.14	511376.09	RAD PT
6ZI	155880.92	511410.57	RAD PT
6ZJ	155865.83	511425.47	RAD PT

Jan, 18 2016 03:52 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E2-CIV-PLN.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

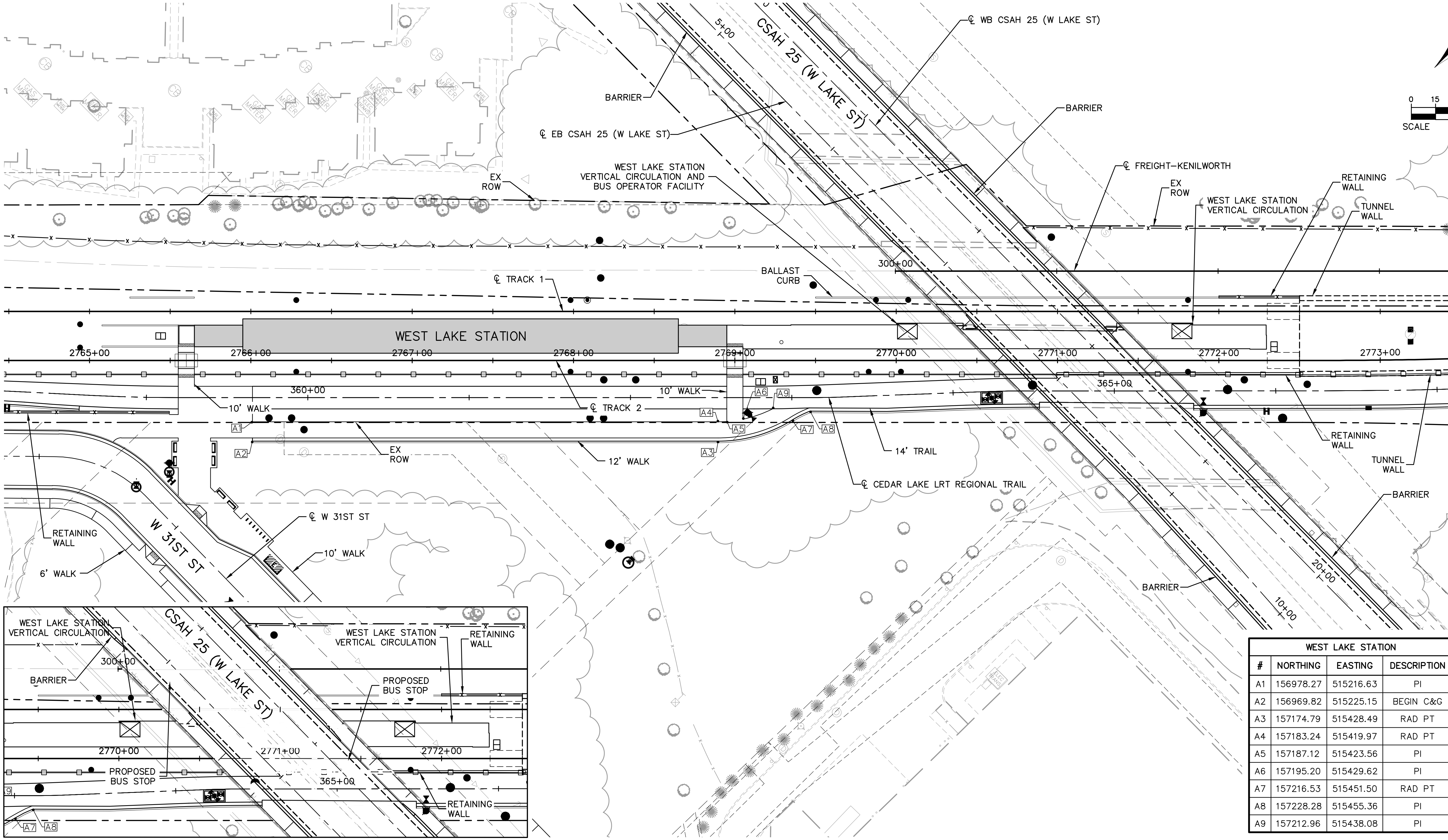
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROADWAY NAME HERE
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E2-CIV-PLN-006



CSAH 25 (W LAKE ST) BRIDGE LEVEL

WEST LAKE STATION			
#	NORTHING	EASTING	DESCRIPTION
A1	156978.27	515216.63	PI
A2	156969.82	515225.15	BEGIN C&G
A3	157174.79	515428.49	RAD PT
A4	157183.24	515419.97	RAD PT
A5	157187.12	515423.56	PI
A6	157195.20	515429.62	PI
A7	157216.53	515451.50	RAD PT
A8	157228.28	515455.36	PI
A9	157212.96	515438.08	PI

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

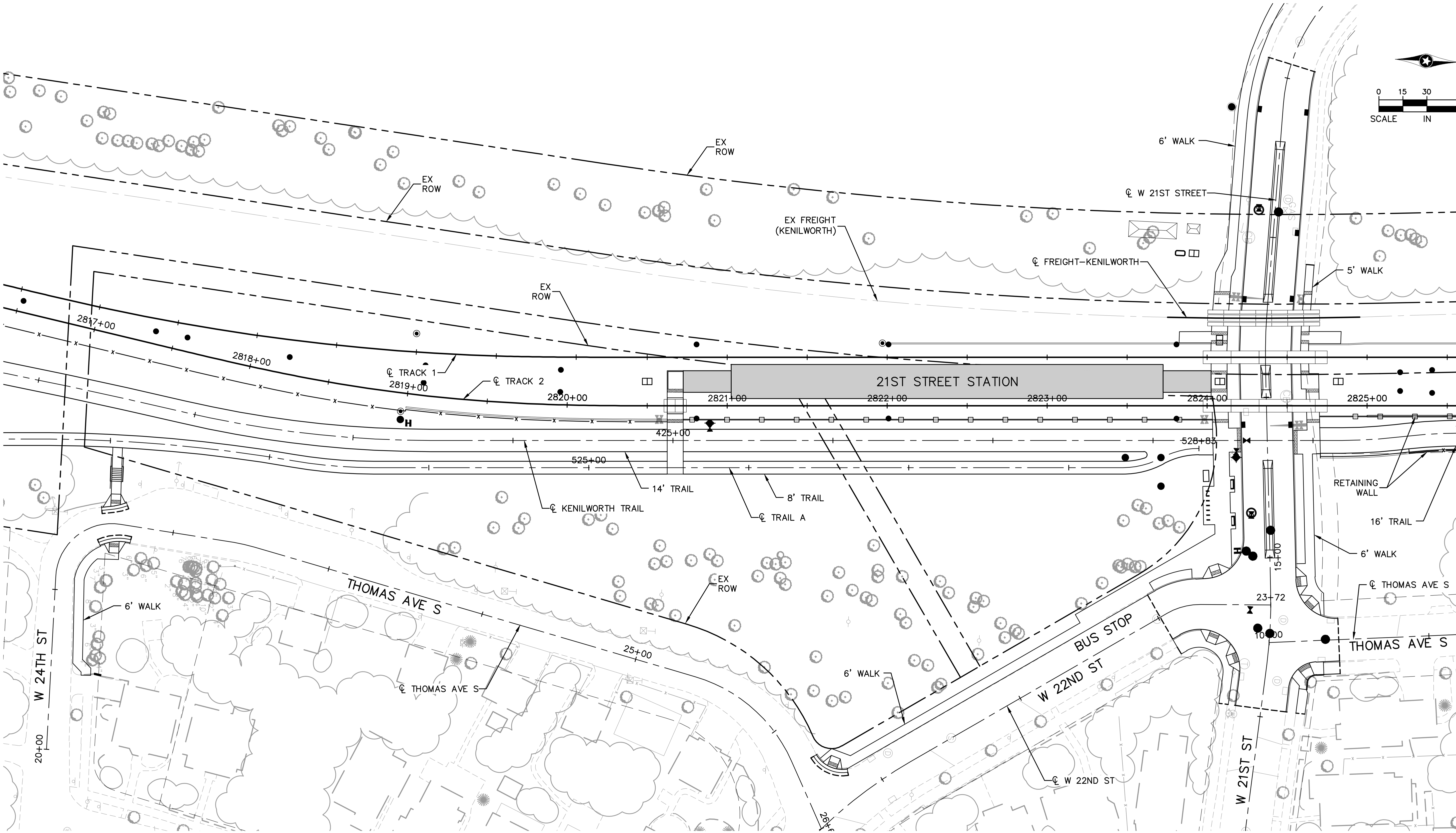
CIVIL - VOLUME 2B
WEST LAKE STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-PLN-001

SHEET 297 OF 302

Jan, 18 2016 03:59 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-CIV-PLN.dwg By: ryan.delmotte



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

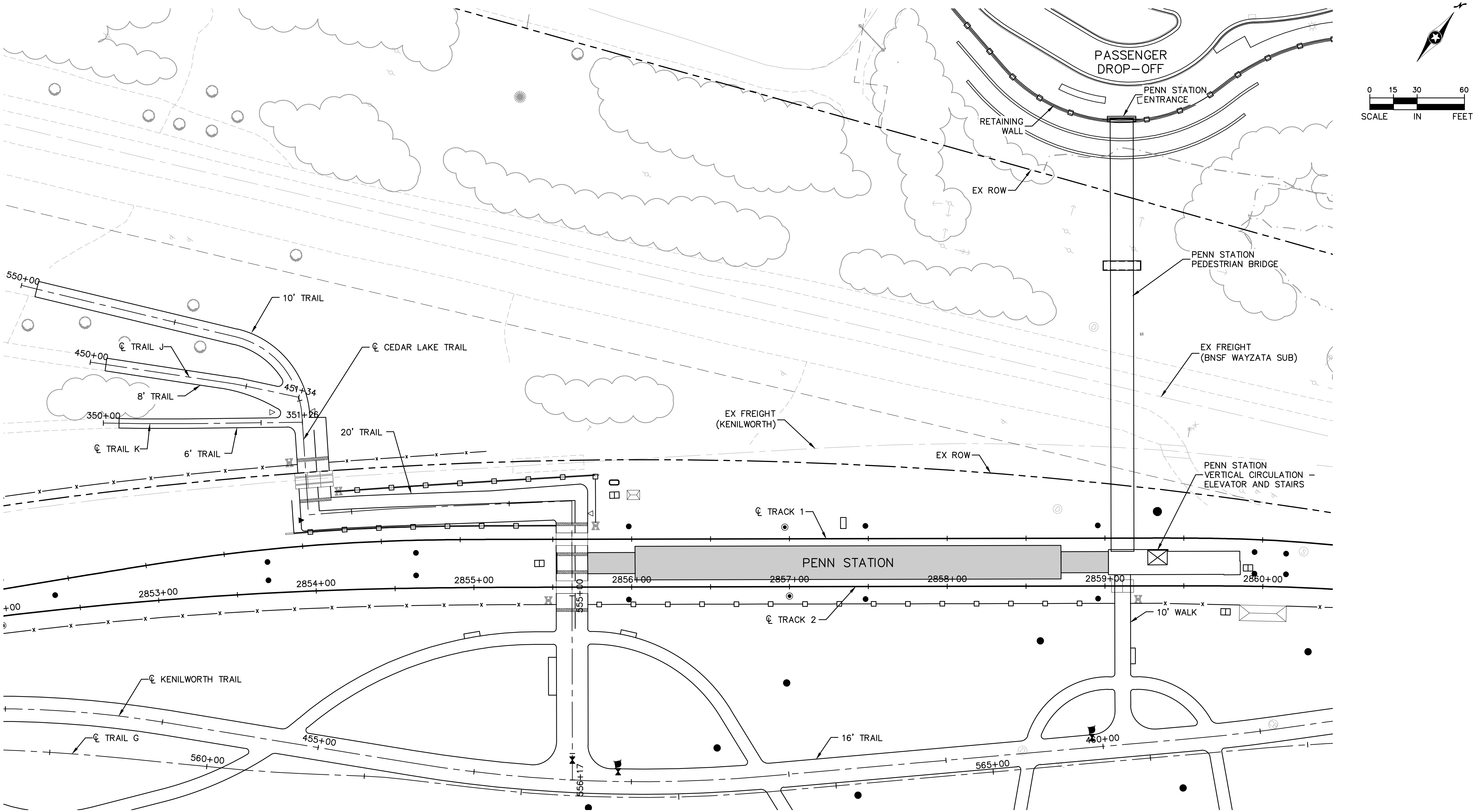
CIVIL - VOLUME 2B
21ST STREET STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E3-CIV-PLN-002

SHEET 298 OF 302

Jan, 18 2016 04:00 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E3-CIV-PLN.dwg By: ryan.delmotte



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

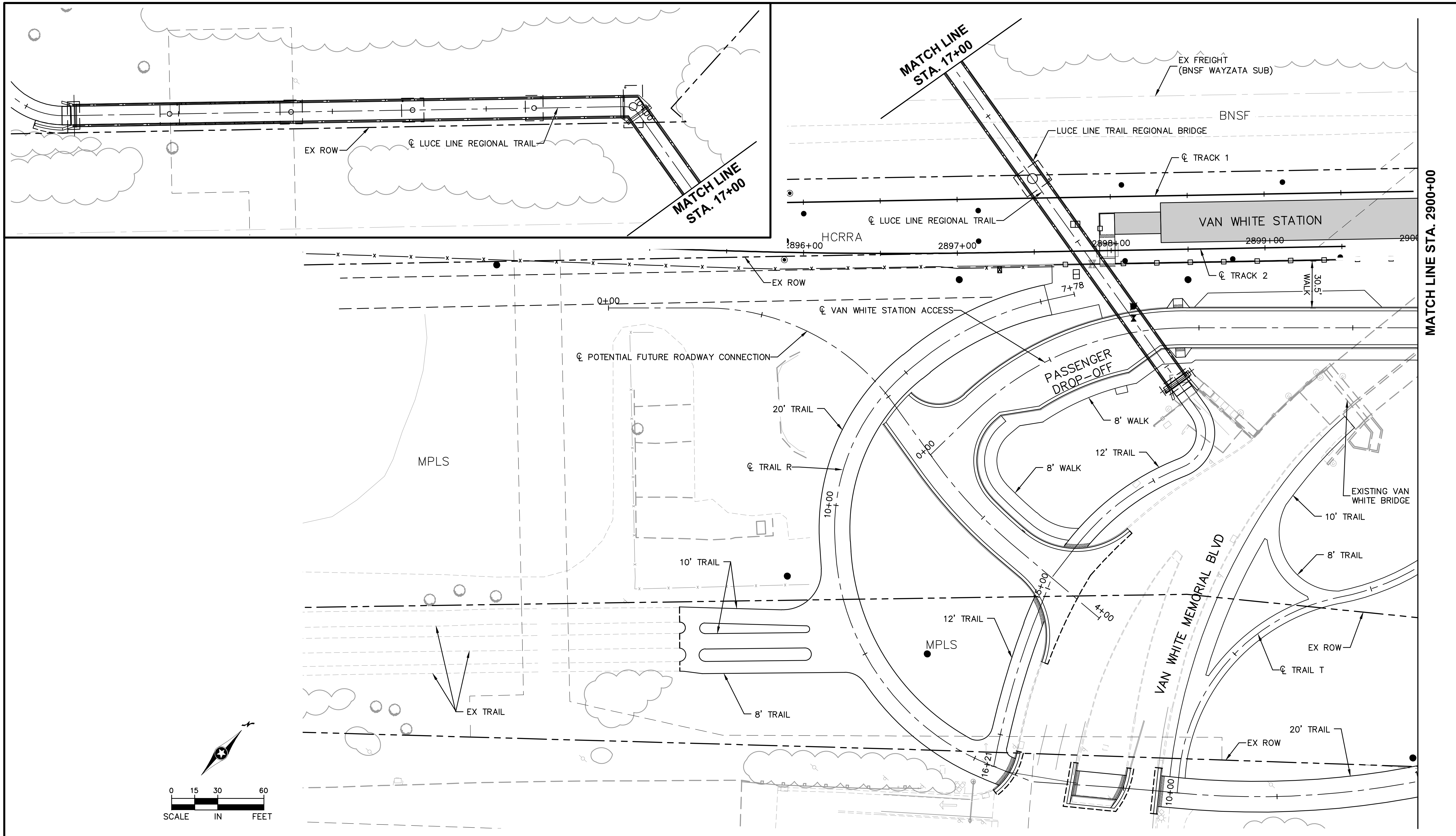
CIVIL - VOLUME 2B
PENN STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-PLN-001

SHEET 299 OF 302

Jan, 18 2016 04:05 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-PLN.dwg By: ryan.delmotte



Jan, 18 2016 04:07 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-PLN.dwg By: ryan.delmotte

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

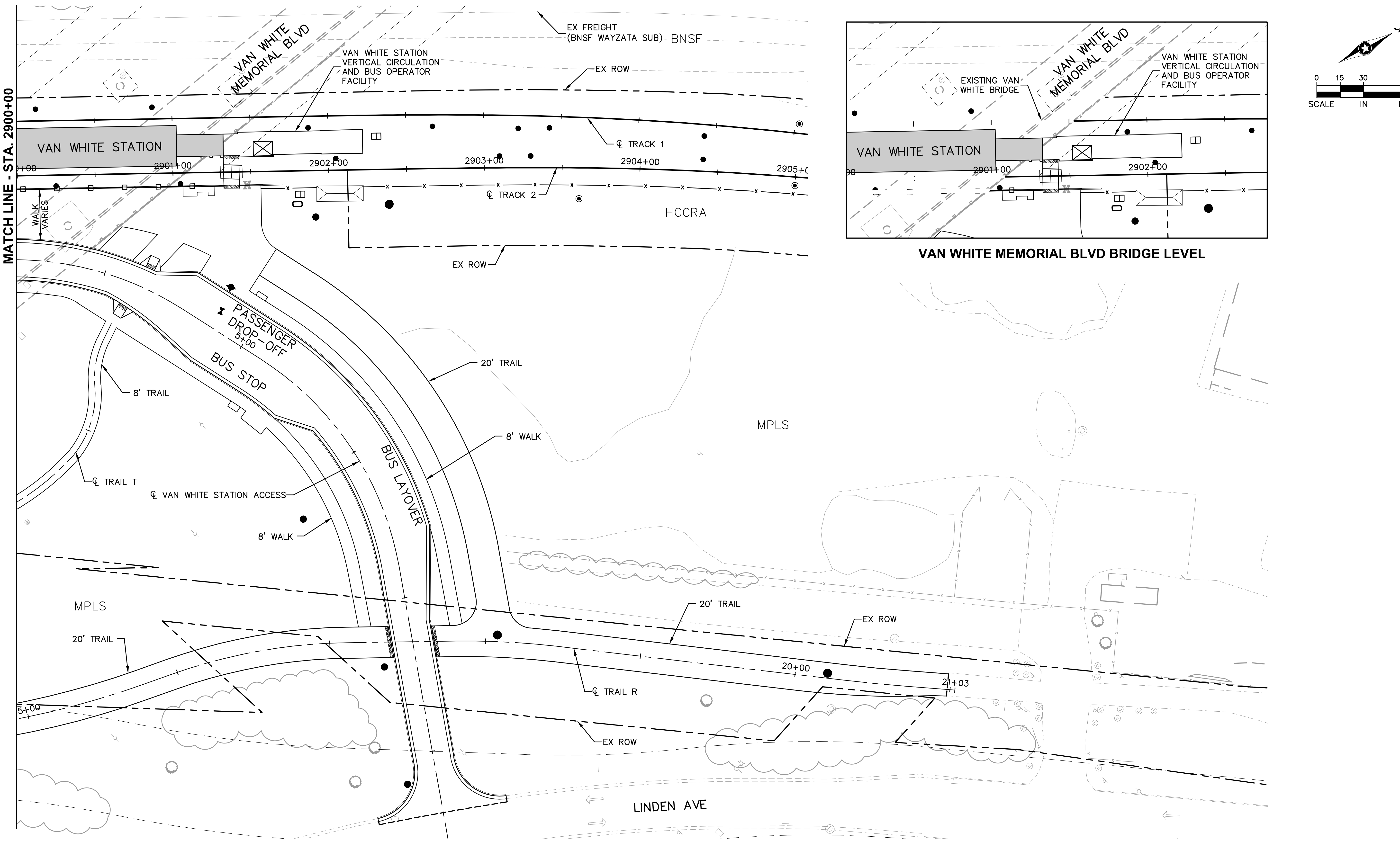
SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
VAN WHITE STATION
SITE PLAN WEST

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-PLN-002

SHEET 300 OF 302



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

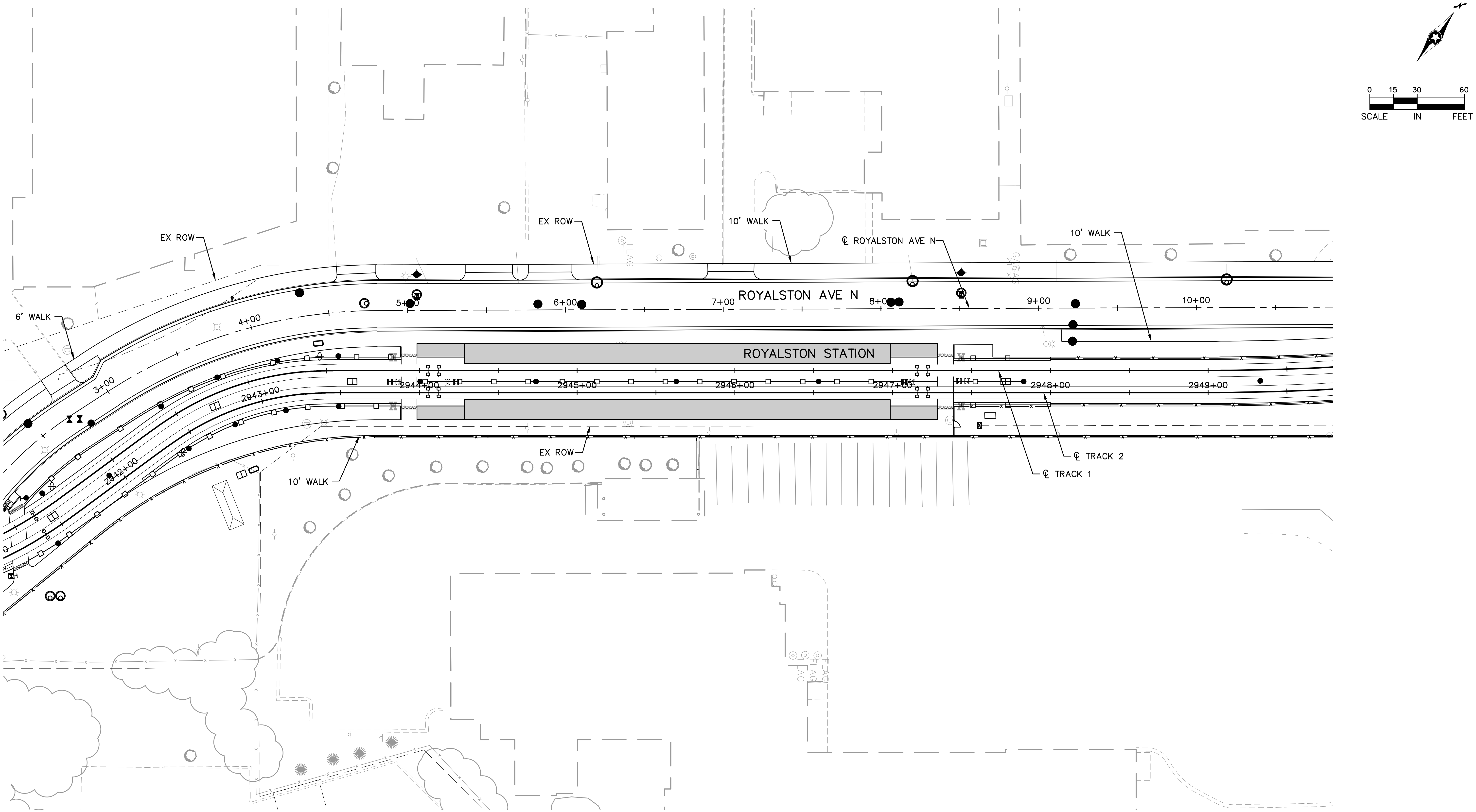
METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
VAN WHITE STATION
SITE PLAN EAST

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-PLN-003



NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

AECOM Kimley»Horn

90% SUBMISSION - 01/22/16

METROPOLITAN COUNCIL

SOUTHWEST Green Line LRT Extension

CIVIL - VOLUME 2B
ROYALSTON STATION
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: E4-CIV-PLN-004

SHEET 302 OF 302

Jan, 18 2016 04:09 pm V:\3400_ADC\CAD\00_EAST\PLANSHEETS\CIVIL\E4-CIV-PLN.dwg By: ryan.delmotte