EASTRIDGE TO BART REGIONAL CONNECTOR PROJECT

CAPITOL LIGHT RAIL EXTENSON

PLANS – VOLUME 5: BRT OCALA STATION

PROJECT ADMINISTERED BY:

DESIGNED BY:

BKF ENGINEERS
1730 N 1st Street #600
San Jose, CA 95112

95% Design

June 30, 2020

EC202006-0134

PARTICIPATING AGENCIES:

CITY OF SAN JOSE
CAPITAL OF SILICON VALLEY

THE COUNTY OF SANTA CLARA 1850

Santa Clara Valley Transportation Authority
Solutions that move you

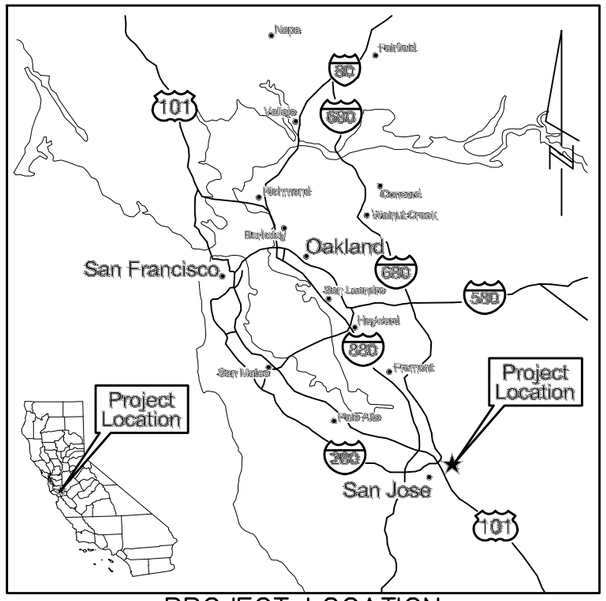
SANTA CLARA
VALLEY TRANSPORTATION AUTHORITY

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT

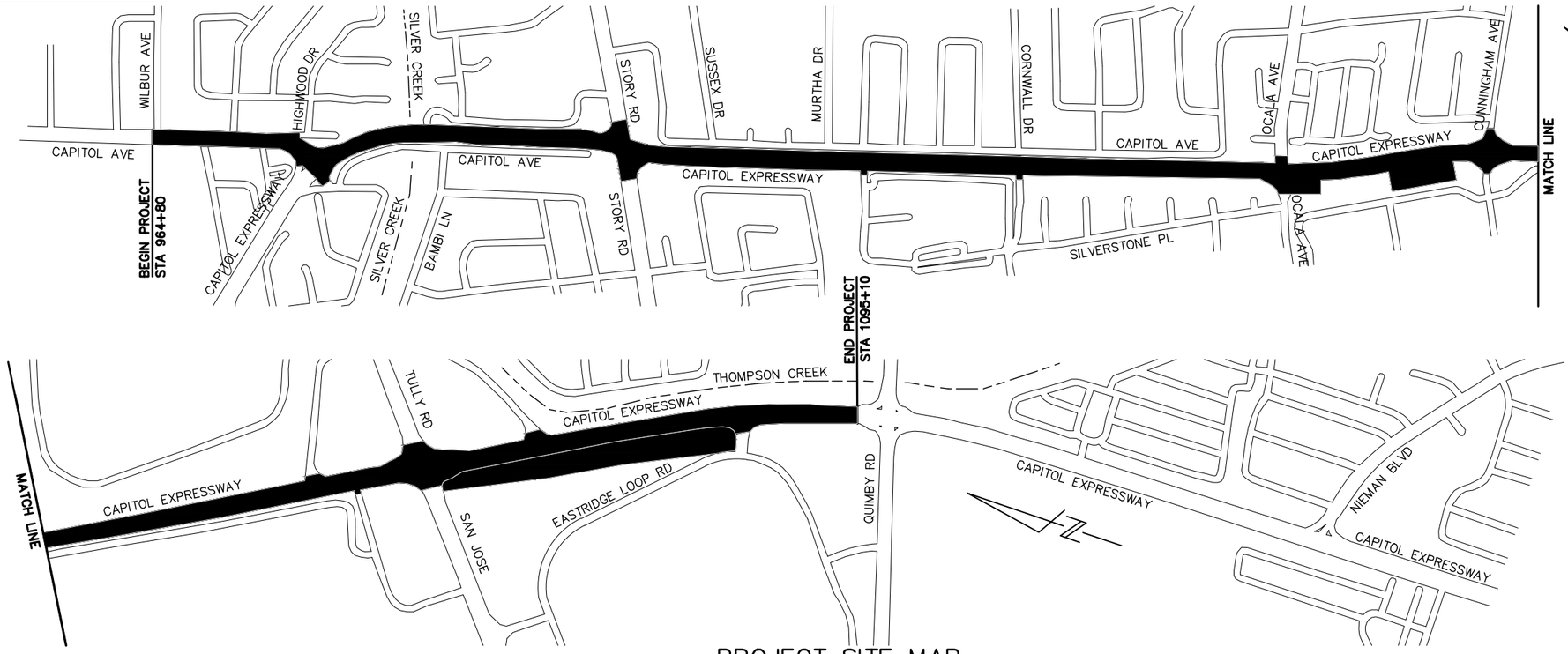
WILBUR AVENUE TO QUIMBY ROAD

VOLUME 1

CIVIL
TRACK
LANDSCAPE



PROJECT LOCATION



PROJECT SITE MAP

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN001.dwg

Santa Clara Valley Transportation Authority

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ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
06/26/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
TITLE

SHEET
OF
DRAWING NO.
GN001
REVISION
C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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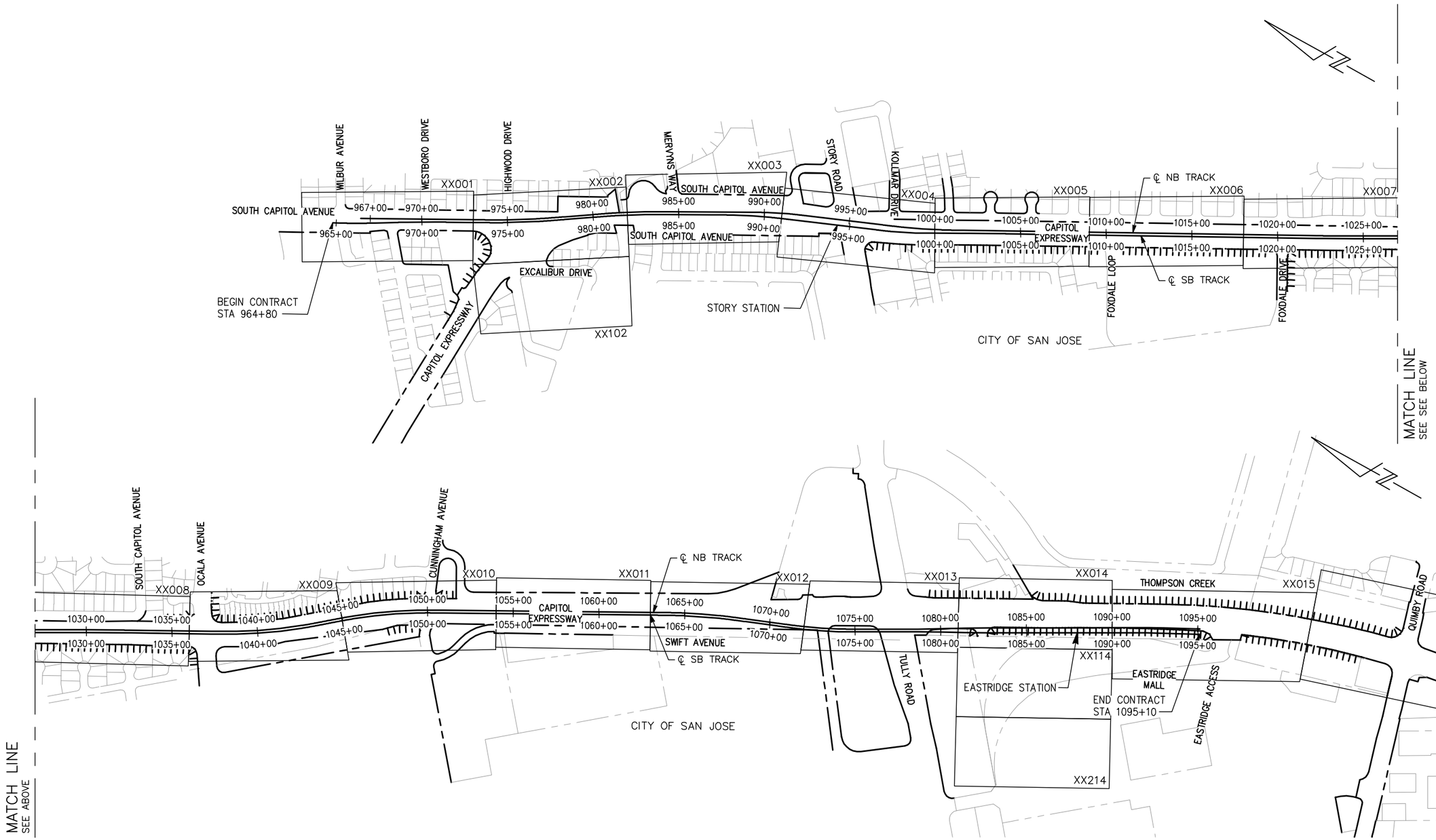

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03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
KEYMAP
40 - SCALE

SHEET
OF
DRAWING NO.
GN002
REVISION
C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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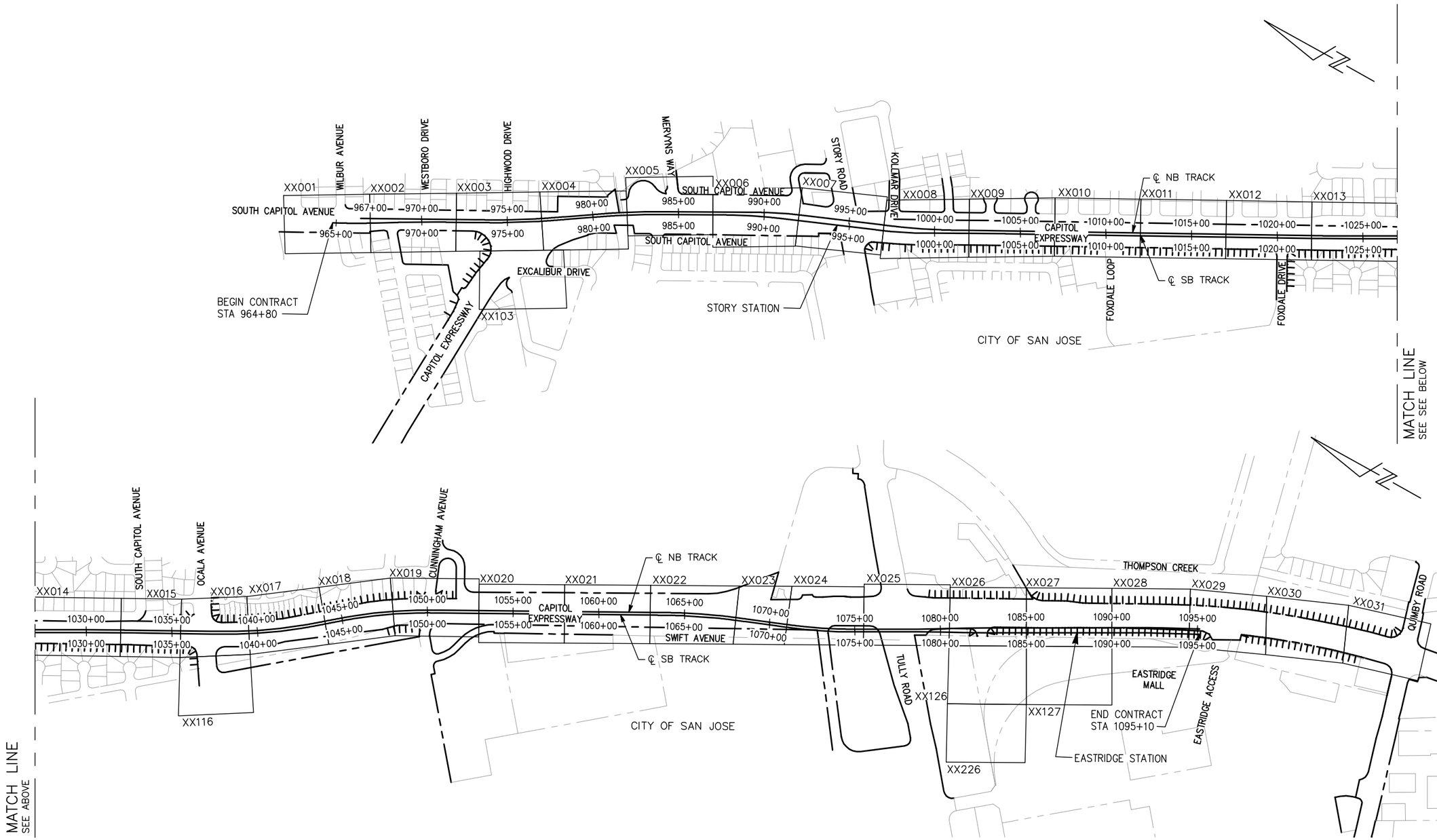

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ENGINEERS / SURVEYORS / PLANNERS

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ENGINEERS / SURVEYORS / PLANNERS

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03/06/20	NTS
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06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
KEYMAP
20 - SCALE

SHEET	OF
DRAWING NO.	GN003
REVISION	C
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

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VOLUME 1
CIVIL, TRACK AND LANDSCAPE

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VOLUME 5
BRT OCALA STATION

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CIVIL
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DETAILS

STRUCTURAL
DESIGN CRITERIA
PLAN & ELEVATION
FOUNDATION DETAILS

NO.	DATE	REVISIONS
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N.V. BERNARD
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CIVIL
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STATE OF CALIFORNIA

SUBMITTED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

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DRAWN	CADD FILE NAME
A. Hernandez	801GN004.dwg

Santa Clara Valley Transportation Authority

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BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

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06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
DESIGN DRAWING VOLUMES
LAYOUT AND ORGANIZATION

SHEET OF
DRAWING NO. GN004
REVISION C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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DRAWING INDEX VOLUME 1

SHT NO	DWG NO	REV	TITLE
GENERAL			
1	GN001	C	GENERAL – TITLE
2	GN002	C	GENERAL – KEYMAP – 40 – SCALE
3	GN003	C	GENERAL – KEYMAP – 20 – SCALE
4	GN004	C	GENERAL – DESIGN DRAWING VOLUMES – LAYOUT AND ORGANIZATION
5	GN005	C	GENERAL – SHEET INDEX – 1 – VOLUME 1 (1 OF 4)
6	GN006	C	GENERAL – SHEET INDEX – 2 – VOLUME 1 (2 OF 4)
7	GN007	C	GENERAL – SHEET INDEX – 3 – VOLUME 1 (3 OF 4)
8	GN008	B	GENERAL – SHEET INDEX – 4 – VOLUME 1 (4 OF 4)
9	GN009	B	GENERAL – SHEET INDEX – 5 – VOLUME 2 (1 OF 3)
10	GN010	B	GENERAL – SHEET INDEX – 6 – VOLUME 2 (2 OF 3)
11	GN011	B	GENERAL – SHEET INDEX – 7 – VOLUME 2 (3 OF 3)
12	GN012	B	GENERAL – SHEET INDEX – 8 – VOLUME 3 (1 OF 2)
13	GN013	B	GENERAL – SHEET INDEX – 9 – VOLUME 3 (2 OF 2)
14	GN014	B	GENERAL – SHEET INDEX – 10 – VOLUME 4 (1 OF 4)
15	GN015	B	GENERAL – SHEET INDEX – 11 – VOLUME 4 (2 OF 4)
16	GN016	B	GENERAL – SHEET INDEX – 12 – VOLUME 4 (3 OF 4)
17	GN017	A	GENERAL – SHEET INDEX – 13 – VOLUME 4 (4 OF 4)
18	GN018	A	GENERAL – SHEET INDEX – 14 – VOLUME 5
19	GN019	C	GENERAL – ABBREVIATIONS – 1
20	GN020	C	GENERAL – ABBREVIATIONS – 2
21	GN021	C	GENERAL – ABBREVIATIONS – 3
22	GN022	C	GENERAL – ABBREVIATIONS – 4
23	GN023	C	GENERAL – ABBREVIATIONS – 5
24	GN024	C	GENERAL – LEGEND – 1
25	GN025	C	GENERAL – LEGEND – 2
26	GN026	C	GENERAL – LEGEND – 3
27	GN027	C	GENERAL – LEGEND – 4
28	GN030	C	GENERAL – CONSTRUCTION STAKING SURVEY CONTROL
29	GN031	C	GENERAL – CONSTRUCTION STAKING SURVEY CONTROL – STA 964+80 TO STA 1013+50
30	GN032	C	GENERAL – CONSTRUCTION STAKING SURVEY CONTROL – STA 1013+50 TO STA 1063+50
31	GN033	C	GENERAL – CONSTRUCTION STAKING SURVEY CONTROL – STA 1063+50 TO STA "CS" 109+66
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32	RW000	C	RIGHT OF WAY – KEYMAP
33	RW001	C	RIGHT OF WAY – PLAN – STA 964+80 TO STA 973+00
34	RW002	C	RIGHT OF WAY – PLAN – STA 973+00 TO STA 982+00
35	RW003	C	RIGHT OF WAY – PLAN – STA 982+00 TO STA 991+00
36	RW004	C	RIGHT OF WAY – PLAN – STA 991+00 TO STA 1000+00
37	RW005	C	RIGHT OF WAY – PLAN – STA 1000+00 TO STA 1009+00
38	RW006	C	RIGHT OF WAY – PLAN – STA 1009+00 TO STA 1018+00
39	RW007	C	RIGHT OF WAY – PLAN – STA 1018+00 TO STA 1027+00
40	RW008	C	RIGHT OF WAY – PLAN – STA 1027+00 TO STA 1036+00
41	RW009	C	RIGHT OF WAY – PLAN – STA 1036+00 TO STA 1045+00
42	RW010	C	RIGHT OF WAY – PLAN – STA 1045+00 TO STA 1054+00
43	RW011	C	RIGHT OF WAY – PLAN – STA 1054+00 TO STA 1063+00
44	RW012	C	RIGHT OF WAY – PLAN – STA 1063+00 TO STA 1072+00
45	RW013	C	RIGHT OF WAY – PLAN – STA 1072+00 TO STA 1081+00
46	RW113	C	RIGHT OF WAY – CONSTRUCTION STAGING AREA
47	RW014	C	RIGHT OF WAY – PLAN – STA 1081+00 TO STA 1090+00
48	RW114	A	RIGHT OF WAY – PLAN – EASTRIDGE LOOP
49	RW214	C	RIGHT OF WAY – PLAN – EASTRIDGE LOOP – 02
50	RW015	C	RIGHT OF WAY – PLAN – STA 1090+00 TO STA 1095+09
51	RW016	C	RIGHT OF WAY – PLAN – QUIMBY ROAD
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52	CX001	C	CIVIL – TYPICAL ROADWAY SECTIONS – SB STA 965+88.41 TO STA 974+83.73
53	CX002	C	CIVIL – TYPICAL ROADWAY SECTIONS – CN STA 74+95.21 TO SB STA 981+92.25
54	CX003	C	CIVIL – TYPICAL ROADWAY SECTIONS – SB STA 981+92.25 TO STA 994+09.62
55	CX004	C	CIVIL – TYPICAL ROADWAY SECTIONS – SB STA 995+65.64 TO STA 1028+58.36
56	CX005	C	CIVIL – TYPICAL ROADWAY SECTIONS – SB STA 1028+58.36 TO STA 1045+02.72
57	CX006	C	CIVIL – TYPICAL ROADWAY SECTIONS – SB STA 1045+02.72 TO STA 1052+98.69
58	CX007	C	CIVIL – TYPICAL ROADWAY SECTIONS – SB STA 1052+98.69 TO CS STA 76+63.25
59	CX008	C	CIVIL – TYPICAL ROADWAY SECTIONS – CS STA 78+50.38 TO STA 95+89.40
60	CR001	C	CIVIL – DEMOLITION PLAN – STA 964+80 TO STA 967+00
61	CR002	C	CIVIL – DEMOLITION PLAN – STA 967+00 TO STA 972+00
62	CR003	C	CIVIL – DEMOLITION PLAN – STA 972+00 TO STA 977+00
63	CR103	C	CIVIL – DEMOLITION PLAN – EXCALIBUR DRIVE
64	CR004	C	CIVIL – DEMOLITION PLAN – STA 977+00 TO STA 982+00
65	CR005	C	CIVIL – DEMOLITION PLAN – STA 982+00 TO STA 987+00
66	CR006	C	CIVIL – DEMOLITION PLAN – STA 987+00 TO STA 992+00
67	CR007	C	CIVIL – DEMOLITION PLAN – STA 992+00 TO STA 997+00
68	CR008	C	CIVIL – DEMOLITION PLAN – STA 997+00 TO STA 1002+00
69	CR009	C	CIVIL – DEMOLITION PLAN – STA 1002+00 TO STA 1007+00
70	CR010	C	CIVIL – DEMOLITION PLAN – STA 1007+00 TO STA 1012+00
71	CR011	C	CIVIL – DEMOLITION PLAN – STA 1012+00 TO STA 1017+00
72	CR012	C	CIVIL – DEMOLITION PLAN – STA 1017+00 TO STA 1022+00
73	CR013	C	CIVIL – DEMOLITION PLAN – STA 1022+00 TO STA 1027+00
74	CR014	C	CIVIL – DEMOLITION PLAN – STA 1027+00 TO STA 1032+00
75	CR015	C	CIVIL – DEMOLITION PLAN – STA 1032+00 TO STA 1035+50
76	CR016	C	CIVIL – DEMOLITION PLAN – STA 1035+50 TO STA 1039+50
77	CR116	C	CIVIL – DEMOLITION PLAN – OCALA AVENUE
78	CR017	C	CIVIL – DEMOLITION PLAN – STA 1039+50 TO STA 1044+00
79	CR018	C	CIVIL – DEMOLITION PLAN – STA 1044+00 TO STA 1048+00
80	CR019	C	CIVIL – DEMOLITION PLAN – STA 1048+00 TO STA 1053+00
81	CR020	C	CIVIL – DEMOLITION PLAN – STA 1053+00 TO STA 1058+00
82	CR021	C	CIVIL – DEMOLITION PLAN – STA 1058+00 TO STA 1063+00
83	CR022	C	CIVIL – DEMOLITION PLAN – STA 1063+00 TO STA 1068+00
84	CR023	C	CIVIL – DEMOLITION PLAN – STA 1068+00 TO STA 1071+00
85	CR024	C	CIVIL – DEMOLITION PLAN – STA 1071+00 TO STA 1075+50
86	CR025	C	CIVIL – DEMOLITION PLAN – STA 1075+50 TO STA 1080+50
87	CR026	C	CIVIL – DEMOLITION PLAN – STA 1080+50 TO STA 1085+00
88	CR126	C	CIVIL – DEMOLITION PLAN – EASTRIDGE LOOP
89	CR226	A	CIVIL – DEMOLITION PLAN – EASTRIDGE LOOP – 02
90	CR027	C	CIVIL – DEMOLITION PLAN – STA 1085+00 TO STA 1090+00
91	CR127	B	CIVIL – DEMOLITION PLAN – EASTRIDGE LOOP – 03
92	CR028	C	CIVIL – DEMOLITION PLAN – STA 1090+00 TO STA 1094+50
93	CR029	C	CIVIL – DEMOLITION PLAN – STA 1094+50 TO STA 1095+10
94	CR030	C	CIVIL – DEMOLITION PLAN – TO QUIMBY ROAD
95	CR031	C	CIVIL – DEMOLITION PLAN – QUIMBY ROAD
96	CP001	C	CIVIL – STREET IMPROVEMENT PLAN – STA 964+80 TO STA 967+00
97	CP002	C	CIVIL – STREET IMPROVEMENT PLAN – STA 967+00 TO STA 972+00
98	CP003	C	CIVIL – STREET IMPROVEMENT PLAN – STA 972+00 TO STA 977+00
99	CP103	C	CIVIL – STREET IMPROVEMENT PLAN – EXCALIBUR DRIVE
100	CP004	C	CIVIL – STREET IMPROVEMENT PLAN – STA 977+00 TO STA 982+00
101	CP005	C	CIVIL – STREET IMPROVEMENT PLAN – STA 982+00 TO STA 987+00
102	CP006	C	CIVIL – STREET IMPROVEMENT PLAN – STA 987+00 TO STA 992+00
103	CP007	C	CIVIL – STREET IMPROVEMENT PLAN – STA 992+00 TO STA 997+00
104	CP008	C	CIVIL – STREET IMPROVEMENT PLAN – STA 997+00 TO STA 1002+00
105	CP009	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1002+00 TO STA 1007+00
106	CP010	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1007+00 TO STA 1012+00
107	CP011	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1012+00 TO STA 1017+00
108	CP012	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1017+00 TO STA 1022+00
109	CP013	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1022+00 TO STA 1027+00
110	CP014	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1027+00 TO STA 1032+00
111	CP015	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1032+00 TO STA 1035+50
112	CP016	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1035+50 TO STA 1039+50
113	CP116	C	CIVIL – STREET IMPROVEMENT PLAN – OCALA AVENUE
114	CP017	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1039+50 TO STA 1044+00
115	CP018	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1044+00 TO STA 1048+00
116	CP019	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1048+00 TO STA 1053+00
117	CP020	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1053+00 TO STA 1058+00
118	CP021	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1058+00 TO STA 1063+00
119	CP022	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1063+00 TO STA 1068+00
120	CP023	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1068+00 TO STA 1071+00
121	CP024	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1071+00 TO STA 1075+50
122	CP025	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1075+50 TO STA 1080+50
123	CP026	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1080+50 TO STA 1085+00
124	CP126	C	CIVIL – STREET IMPROVEMENT PLAN – EASTRIDGE LOOP
125	CP226	A	CIVIL – STREET IMPROVEMENT PLAN – EASTRIDGE LOOP – 02
126	CP027	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1085+00 TO STA 1090+00
127	CP127	B	CIVIL – STREET IMPROVEMENT PLAN – EASTRIDGE LOOP – 03
128	CP028	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1090+00 TO STA 1094+50
129	CP029	C	CIVIL – STREET IMPROVEMENT PLAN – STA 1094+50 TO STA 1095+10
130	CP030	C	CIVIL – STREET IMPROVEMENT PLAN – TO QUIMBY ROAD
131	CP031	C	CIVIL – STREET IMPROVEMENT PLAN – QUIMBY ROAD
132	CP501	B	CIVIL – STREET IMPROVEMENT PLAN – CURVE TABLES – 1
133	CP502	B	CIVIL – STREET IMPROVEMENT PLAN – CURVE TABLES – 2
134	CP503	B	CIVIL – STREET IMPROVEMENT PLAN – CURVE TABLES – 3
135	CD001	C	CIVIL – CONSTRUCTION DETAILS – 1
136	CD002	C	CIVIL – CONSTRUCTION DETAILS – 2 – ISLAND PASSAGEWAYS
137	CD003	C	CIVIL – CONSTRUCTION DETAILS – 3 – OCALA TPSS #33
138	CD004	C	CIVIL – CONSTRUCTION DETAILS – 4 – EASTRIDGE TPSS #34
139	CD005	C	CIVIL – CONSTRUCTION DETAILS – 5 – EAST STORY STATION
140	CD006	C	CIVIL – CONSTRUCTION DETAILS – 6 – KOLLMAR DR & WEST STORY STATION
141	CD007	C	CIVIL – CONSTRUCTION DETAILS – 7 – CONSTRUCTION STAGING AREA
142	CD008	B	CIVIL – CONSTRUCTION DETAILS – 8 – LOMBARD AVE, HIGHWOOD DR & EASTRIDGE MALL
143	CD009	B	CIVIL – CONSTRUCTION DETAILS – 9 – CAPITOL EXPRESSWAY & CAPITOL AVE
144	CD010	B	CIVIL – CONSTRUCTION DETAILS – 10 – CAPITOL EXPRESSWAY & STORY RD
145	CD011	B	CIVIL – CONSTRUCTION DETAILS – 11 – RAISED MEDIANS
146	CD012	B	CIVIL – CONSTRUCTION DETAILS – 12 – CAPITOL EXPRESSWAY & OCALA AVE
147	CD013	B	CIVIL – CONSTRUCTION DETAILS – 13 – CAPITOL EXPRESSWAY & CUNNINGHAM AVE
148	CD014	B	CIVIL – CONSTRUCTION DETAILS – 14 – SWIFT LN & MERCEDES DWY
149	CD015	B	CIVIL – CONSTRUCTION DETAILS – 15 – CAPITOL EXPRESSWAY & TULLY RD
150	CD016	B	CIVIL – CONSTRUCTION DETAILS – 16 – S CAPITOL AVE AND SUSSEX DR
151	CD017	B	CIVIL – CONSTRUCTION DETAILS – 17 – CUL–DE–SAC
152	CD018	A	CIVIL – CONSTRUCTION DETAILS – 18 – SITE (RESTORATION)
153	CD019	A	CIVIL – CONSTRUCTION DETAILS – 19 – SITE (DEMOLITION)
154	CD020	A	CIVIL – CONSTRUCTION DETAILS – 20 – SITE (RESTORATION)
155	CD021	A	CIVIL – CONSTRUCTION DETAILS – 21 – SITE (RESTORATION)
156	CD022	A	CIVIL – CONSTRUCTION DETAILS – 22 – SITE (RESTORATION)
157	CD023	A	CIVIL – CONSTRUCTION DETAILS – 23 – SITE (RESTORATION)
158	YC001	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 1) – STA 965+00 TO STA 1002+50
159	YC002	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 1) – STA 1030+50 TO STA 1068+50
160	YC003	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 1) – STA 1068+50 TO STA 1095+00
161	YC004	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 2) – STA 965+00 TO STA 1002+50
162	YC005	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 2) – STA 1002+50 TO STA 1042+50
163	YC006	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 2) – STA 1042+50 TO STA 1082+50
164	YC007	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 2) – STA 1082+50 TO STA 1095+00
165	YC008	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 3) – STA 965+50 TO STA 1001+50
166	YC009	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 3) – STA 1001+50 TO STA 1041+50
167	YC010	C	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 3) – STA 1041+50 TO STA 1081+50
168	YC011	A	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 3) – STA 1081+50 TO STA 1095+00
169	YC012	A	CIVIL – STAGE CONSTRUCTION PLAN (STAGE 4) – STA 974+00 TO STA 1071+00

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN005.dwg

Santa Clara Valley Transportation Authority

APPROVED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 1
VOLUME 1 (1 OF 4)

SHEET	OF
DRAWING NO.	GN005
REVISION	C
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

HERN Jun 29, 2020 – 6:26pm C:\cadd\b\pw\ahernandez\west\dms98389\801GN005.dwg

DRAWING INDEX VOLUME 1

SHT NO	DWG NO	REV	TITLE
170	YD001	B	CONSTRUCTION AREA SIGNS
171	YD002	B	CONSTRUCTION AREA SIGNS – DETOUR
172	YD003	B	CONSTRUCTION AREA SIGNS – DETOUR
173	YD004	B	CONSTRUCTION AREA SIGNS – DETOUR
174	YD005	B	CONSTRUCTION AREA SIGNS – DETOUR
175	YD006	B	CONSTRUCTION AREA SIGNS – DETOUR
176	YD007	B	CONSTRUCTION AREA SIGNS – DETOUR
177	YD008	B	CONSTRUCTION AREA SIGNS – DETOUR
178	YD009	B	CONSTRUCTION AREA SIGNS – DETOUR
179	YD010	B	CONSTRUCTION AREA SIGNS – DETOUR
180	YT001	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 964+80 TO STA 973+00
181	YT002	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 973+00 TO STA 982+00
182	YT003	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 982+00 TO STA 991+00
183	YT004	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 991+00 TO STA 1000+00
184	YT005	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 1034+00 TO STA 1043+00
185	YT006	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 1043+00 TO STA 1052+00
186	YT007	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 1068+00 TO STA 1079+00
187	YT008	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 1079+00 TO STA 1090+00
188	YT009	B	TRAFFIC CONTROL PLAN – STAGE 1A – STA 1090+00 TO STA 1095+00
189	YT010	B	TRAFFIC CONTROL PLAN – STAGE 1B – STA 973+00 TO STA 997+00
190	YT011	B	TRAFFIC CONTROL PLAN – STAGE 1C – STA 992+00 TO STA 1002+00
191	YT012	B	TRAFFIC CONTROL PLAN – STAGE 1D – STA 973+00 TO STA 982+00
192	YT013	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 964+80 TO STA 973+00
193	YT014	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 973+00 TO STA 982+00
194	YT015	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 982+00 TO STA 991+00
195	YT016	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 991+00 TO STA 1000+00
196	YT017	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1000+00 TO STA 1009+00
197	YT018	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1009+00 TO STA 1018+00
198	YT019	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1018+00 TO STA 1027+00
199	YT020	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1027+00 TO STA 1036+00
200	YT021	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1036+00 TO STA 1045+00
201	YT022	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1045+00 TO STA 1054+00
202	YT023	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1054+00 TO STA 1063+00
203	YT024	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1063+00 TO STA 1072+00
204	YT025	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1072+00 TO STA 1081+00
205	YT026	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1081+00 TO STA 1090+00
206	YT027	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 1090+00 TO STA 1095+10
207	YT028	B	TRAFFIC CONTROL PLAN – STAGE 2A – STA 973+00 TO STA 982+00
208	YT029	B	TRAFFIC CONTROL PLAN – STAGE 2B – STA 1060+00 TO STA 1072+00
209	YT030	B	TRAFFIC CONTROL PLAN – STAGE 2B – STA 1072+00 TO STA 1081+00
210	YT031	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 969+50 TO STA 978+50
211	YT032	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 978+50 TO STA 986+00
212	YT033	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 986+00 TO STA 996+50
213	YT034	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 996+50 TO STA 1007+50
214	YT035	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 984+00 TO STA 996+50
215	YT036	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 996+50 TO STA 1007+00
216	YT037	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1025+00 TO STA 1036+00
217	YT038	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1036+00 TO STA 1048+00
218	YT039	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1038+50 TO STA 1051+00
219	YT040	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1051+00 TO STA 1062+00
220	YT041	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1034+00 TO STA 1046+00
221	YT042	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1048+00 TO STA 1072+50
222	YT043	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1070+00 TO STA 1082+00
223	YT044	B	TRAFFIC CONTROL PLAN – STAGE 2C – STA 1071+00 TO STA 1083+00
224	YT045	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 969+00 TO STA 981+00
225	YT046	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 987+00 TO STA 993+00
226	YT047	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 993+00 TO STA 1003+00
227	YT048	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 1027+50 TO STA 1039+00
228	YT049	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 1039+00 TO STA 1047+00
229	YT050	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 1047+00 TO STA 1054+00
230	YT051	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 1061+50 TO STA 1080+00
231	YT052	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 1080+00 TO STA 1089+00
232	YT053	B	TRAFFIC CONTROL PLAN – STAGE 3A – STA 1089+00 TO STA 1095+00
233	YT054	A	TRAFFIC CONTROL PLAN – STAGE 3A – STA 993+00 TO STA 1042+00
234	YT055	A	TRAFFIC CONTROL PLAN – STAGE 3A – STA 1042+00 TO STA 1053+00
235	YT056	A	TRAFFIC CONTROL PLAN – STAGE 3A – STA 978+00 TO STA 988+00
236	YT057	A	TRAFFIC CONTROL PLAN – STAGE 3A – STA 988+00 TO STA 998+00
237	YT058	A	TRAFFIC CONTROL PLAN – STAGE 3B – STA 979+00 TO STA 987+00
238	YT059	A	TRAFFIC CONTROL PLAN – STAGE 3B – STA 987+50 TO STA 1000+00
239	YT060	A	TRAFFIC CONTROL PLAN – STAGE 3B – STA 1036+00 TO STA 1043+00
240	YT061	A	TRAFFIC CONTROL PLAN – STAGE 3B – STA 1048+00 TO STA 1058+00
241	YT062	A	TRAFFIC CONTROL PLAN – STAGE 3B – STA 1075+00 TO STA 1085+00
242	YT063	A	TRAFFIC CONTROL PLAN – STAGE 3C – STA 1031+50 TO STA 1043+00
243	YT064	A	TRAFFIC CONTROL PLAN – STAGE 3C – STA 1045+00 TO STA 1054+00
244	YT065	A	TRAFFIC CONTROL PLAN – STAGE 3D – STA 1029+50 TO STA 1041+00
245	YT066	A	TRAFFIC CONTROL PLAN – STAGE 4 – STA 969+00 TO STA 981+00
246	YT067	A	TRAFFIC CONTROL PLAN – STAGE 4 – STA 985+00 TO STA 997+00
247	YT068	A	TRAFFIC CONTROL PLAN – STAGE 4 – STA 1059+00 TO STA 1070+00
248	YT069	A	TRAFFIC CONTROL PLAN – STAGE 4 – STA 993+00 TO STA 1002+00
249	YT201	A	TRAFFIC CONTROL PLAN – TEMPORARY BIKE RAMPS – 1
250	YT202	A	TRAFFIC CONTROL PLAN – TEMPORARY BIKE RAMPS – 2
251	YT203	A	TRAFFIC CONTROL PLAN – TEMPORARY BIKE RAMPS – 3
252	CY001	C	SIGNING AND STRIPING – PLAN – STA 964+80 TO STA 973+00
253	CY002	C	SIGNING AND STRIPING – PLAN – STA 973+00 TO STA 982+00
254	CY003	C	SIGNING AND STRIPING – PLAN – STA 982+00 TO STA 991+00
255	CY004	C	SIGNING AND STRIPING – PLAN – STA 991+00 TO STA 1000+00
256	CY005	C	SIGNING AND STRIPING – PLAN – STA 1000+00 TO STA 1009+00
257	CY006	C	SIGNING AND STRIPING – PLAN – STA 1009+00 TO STA 1018+00
258	CY007	C	SIGNING AND STRIPING – PLAN – STA 1018+00 TO STA 1027+00
259	CY008	C	SIGNING AND STRIPING – PLAN – STA 1027+00 TO STA 1036+00
260	CY009	C	SIGNING AND STRIPING – PLAN – STA 1036+00 TO STA 1045+00
261	CY010	C	SIGNING AND STRIPING – PLAN – STA 1045+00 TO STA 1054+00
262	CY011	C	SIGNING AND STRIPING – PLAN – STA 1054+00 TO STA 1063+00
263	CY012	C	SIGNING AND STRIPING – PLAN – STA 1063+00 TO STA 1072+00
264	CY013	C	SIGNING AND STRIPING – PLAN – STA 1072+00 TO STA 1081+00
265	CY014	C	SIGNING AND STRIPING – PLAN – STA 1081+00 TO STA 1090+00
266	CY015	C	SIGNING AND STRIPING – PLAN – STA 1090+00 TO STA 1095+10

DRAINAGE

SHT NO	DWG NO	REV	TITLE
267	DP001	C	DRAINAGE – STORM DRAIN PLAN – STA 964+80 TO STA 967+00
268	DP002	C	DRAINAGE – STORM DRAIN PLAN – STA 967+00 TO STA 972+00
269	DP003	C	DRAINAGE – STORM DRAIN PLAN – STA 972+00 TO STA 977+00
270	DP103	C	DRAINAGE – STORM DRAIN PLAN – EXCALIBUR DRIVE
271	DP004	C	DRAINAGE – STORM DRAIN PLAN – STA 977+00 TO STA 982+00
272	DP005	C	DRAINAGE – STORM DRAIN PLAN – STA 982+00 TO STA 987+00
273	DP006	C	DRAINAGE – STORM DRAIN PLAN – STA 987+00 TO STA 992+00
274	DP007	C	DRAINAGE – STORM DRAIN PLAN – STA 992+00 TO STA 997+00
275	DP008	C	DRAINAGE – STORM DRAIN PLAN – STA 997+00 TO STA 1002+00
276	DP009	C	DRAINAGE – STORM DRAIN PLAN – STA 1002+00 TO STA 1007+00
277	DP010	C	DRAINAGE – STORM DRAIN PLAN – STA 1007+00 TO STA 1012+00
278	DP011	C	DRAINAGE – STORM DRAIN PLAN – STA 1012+00 TO STA 1017+00
279	DP012	C	DRAINAGE – STORM DRAIN PLAN – STA 1017+00 TO STA 1022+00
280	DP013	C	DRAINAGE – STORM DRAIN PLAN – STA 1022+00 TO STA 1027+00
281	DP014	C	DRAINAGE – STORM DRAIN PLAN – STA 1027+00 TO STA 1032+00
282	DP015	C	DRAINAGE – STORM DRAIN PLAN – STA 1032+00 TO STA 1035+50
283	DP016	C	DRAINAGE – STORM DRAIN PLAN – STA 1035+50 TO STA 1039+50
284	DP116	C	DRAINAGE – STORM DRAIN PLAN – OCALA AVENUE
285	DP017	C	DRAINAGE – STORM DRAIN PLAN – STA 1039+50 TO STA 1044+00
286	DP018	C	DRAINAGE – STORM DRAIN PLAN – STA 1044+00 TO STA 1048+00
287	DP019	C	DRAINAGE – STORM DRAIN PLAN – STA 1048+00 TO STA 1053+00
288	DP020	C	DRAINAGE – STORM DRAIN PLAN – STA 1053+00 TO STA 1058+00
289	DP021	C	DRAINAGE – STORM DRAIN PLAN – STA 1058+00 TO STA 1063+00
290	DP022	C	DRAINAGE – STORM DRAIN PLAN – STA 1063+00 TO STA 1068+00
291	DP023	C	DRAINAGE – STORM DRAIN PLAN – STA 1068+00 TO STA 1071+00
292	DP024	C	DRAINAGE – STORM DRAIN PLAN – STA 1071+00 TO STA 1075+50
293	DP025	C	DRAINAGE – STORM DRAIN PLAN – STA 1075+50 TO STA 1080+50
294	DP026	C	DRAINAGE – STORM DRAIN PLAN – STA 1080+50 TO STA 1085+00
295	DP126	C	DRAINAGE – STORM DRAIN PLAN – EASTRIDGE LOOP
296	DP226	A	DRAINAGE – STORM DRAIN PLAN – EASTRIDGE LOOP – 02
297	DP027	C	DRAINAGE – STORM DRAIN PLAN – STA 1085+00 TO STA 1090+00
298	DP127	B	DRAINAGE – STORM DRAIN PLAN – EASTRIDGE LOOP – 03
299	DP028	C	DRAINAGE – STORM DRAIN PLAN – STA 1090+00 TO STA 1094+50
300	DP029	C	DRAINAGE – STORM DRAIN PLAN – STA 1094+50 TO STA 1095+10
301	DP129	C	DRAINAGE – STORM DRAIN PLAN – EASTRIDGE MALL ACCESS
302	DP030	C	DRAINAGE – STORM DRAIN PLAN – TO QUIMBY ROAD
303	DP031	C	DRAINAGE – STORM DRAIN PLAN – QUIMBY ROAD
304	DP401	B	DRAINAGE – STORM DRAIN PROFILES
305	DP402	B	DRAINAGE – STORM DRAIN PROFILES
306	DP403	B	DRAINAGE – STORM DRAIN PROFILES
307	DP404	B	DRAINAGE – STORM DRAIN PROFILES
308	DP405	B	DRAINAGE – STORM DRAIN PROFILES
309	DP406	B	DRAINAGE – STORM DRAIN PROFILES
310	DP407	B	DRAINAGE – STORM DRAIN PROFILES
311	DP408	B	DRAINAGE – STORM DRAIN PROFILES
312	DP409	B	DRAINAGE – STORM DRAIN PROFILES
313	DP410	B	DRAINAGE – STORM DRAIN PROFILES
314	DP411	B	DRAINAGE – STORM DRAIN PROFILES
315	DP412	B	DRAINAGE – STORM DRAIN PROFILES
316	DP413	B	DRAINAGE – STORM DRAIN PROFILES
317	DP414	A	DRAINAGE – STORM DRAIN PROFILES
318	DP415	A	DRAINAGE – STORM DRAIN PROFILES
319	DP416	A	DRAINAGE – STORM DRAIN PROFILES
320	DP417	A	DRAINAGE – STORM DRAIN PROFILES
321	DP418	A	DRAINAGE – STORM DRAIN PROFILES
322	DP419	A	DRAINAGE – STORM DRAIN PROFILES
323	DD001	C	DRAINAGE – DETAILS
324	DD002	C	DRAINAGE – DETAILS
325	DD003	C	DRAINAGE – DETAILS
326	DD004	C	DRAINAGE – DETAILS
327	DD005	C	DRAINAGE – DETAILS
328	DD006	C	DRAINAGE – DETAILS
329	DD007	A	DRAINAGE – DETAILS
330	DD008	A	DRAINAGE – DETAILS
331	DD009	A	DRAINAGE – DETAILS
332	DD010	A	DRAINAGE – DETAILS
333	DD011	A	DRAINAGE – DETAILS
334	DD012	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
335	DD013	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
336	DD014	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
337	DD015	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
338	DD016	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
339	DD017	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
340	DD018	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
341	DD019	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES
342	DD020	B	DRAINAGE – DETAILS – UNDERDRAIN PROFILES

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
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DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN006.dwg

Santa Clara Valley Transportation Authority

APPROVED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 2
VOLUME 1 (2 OF 4)

SHEET	OF
DRAWING NO.	GN006
REVISION	C
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

HERN Jun 29, 2020 – 6:26pm C:\cadd\tb\pw\ahernandez\west\dms98389\801GN006.dwg

DRAWING INDEX VOLUME 1

SHT NO	DWG NO	REV	TITLE
UTILITIES			
343	UZ001	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 964+80 TO STA 973+00
344	UZ002	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 973+00 TO STA 981+00
345	UZ003	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 982+00 TO STA 991+00
346	UZ004	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 991+00 TO STA 1000+00
347	UZ005	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1000+00 TO STA 1009+00
348	UZ006	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1009+00 TO STA 1018+00
349	UZ007	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1018+00 TO STA 1027+00
350	UZ008	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1027+00 TO STA 1036+00
351	UZ009	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1036+00 TO STA 1045+00
352	UZ010	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1045+00 TO STA 1054+00
353	UZ011	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1054+00 TO STA 1063+00
354	UZ012	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1063+00 TO STA 1072+00
355	UZ013	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1072+00 TO STA 1081+00
356	UZ014	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1081+00 TO STA 1090+00
357	UZ114	A	UTILITIES – EXISTING UTILITIES PLAN AND DATA – EASTRIDGE LOOP
358	UZ015	C	UTILITIES – EXISTING UTILITIES PLAN AND DATA – STA 1090+00 TO STA 1095+11
359	UZ016	A	UTILITIES – EXISTING UTILITIES PLAN AND DATA – QUIMBY ROAD
360	UP001	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 964+80 TO STA 973+00
361	UP002	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 973+00 TO STA 981+00
362	UP003	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 982+00 TO STA 991+00
363	UP004	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 991+00 TO STA 1000+00
364	UP005	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1000+00 TO STA 1009+00
365	UP006	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1009+00 TO STA 1018+00
366	UP007	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1018+00 TO STA 1027+00
367	UP008	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1027+00 TO STA 1036+00
368	UP009	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1036+00 TO STA 1045+00
369	UP010	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1045+00 TO STA 1054+00
370	UP011	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1054+00 TO STA 1063+00
371	UP012	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1063+00 TO STA 1072+00
372	UP013	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1072+00 TO STA 1081+00
373	UP014	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1081+00 TO STA 1090+00
374	UP114	A	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – EASTRIDGE LOOP
375	UP015	C	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – STA 1090+00 TO STA 1095+11
376	UP016	A	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – QUIMBY ROAD
377	UP151	A	UTILITIES – COMPOSITE UTILITY RELOCATION PLAN – PG&E SERVICE SECTION
378	UP301	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 964+80 TO STA 973+00
379	UP302	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 973+00 TO STA 981+00
380	UP303	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 982+00 TO STA 991+00
381	UP304	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 991+00 TO STA 1000+00
382	UP305	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1000+00 TO STA 1009+00
383	UP306	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1009+00 TO STA 1018+00
384	UP307	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1018+00 TO STA 1027+00
385	UP308	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1027+00 TO STA 1036+00
386	UP309	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1036+00 TO STA 1045+00
387	UP310	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1045+00 TO STA 1054+00
388	UP311	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1054+00 TO STA 1063+00
389	UP312	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1063+00 TO STA 1072+00
390	UP313	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1072+00 TO STA 1081+00
391	UP314	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1081+00 TO STA 1090+00
392	UP315	C	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – STA 1090+00 TO STA 1095+11
393	UP316	A	UTILITIES – SANITARY SEWER, WATER PLAN & PROFILE – QUIMBY ROAD
394	UP401	B	UTILITIES – SANITARY SEWER & WATER – DETAILS – 1
395	UP402	B	UTILITIES – SANITARY SEWER & WATER – DETAILS – 2
396	UP403	A	UTILITIES – SANITARY SEWER & WATER – DETAILS – 3
397	UP404	A	UTILITIES – SANITARY SEWER & WATER – DETAILS – 4
398	UP405	A	UTILITIES – SANITARY SEWER & WATER – DETAILS – 5

SHT NO	DWG NO	REV	TITLE
TRACK			
399	TG001	C	TRACK – TRACK PLAN AND PROFILE – STA 964+80 TO STA 973+00
400	TG002	C	TRACK – TRACK PLAN AND PROFILE – STA 973+00 TO STA 982+00
401	TG003	C	TRACK – TRACK PLAN AND PROFILE – STA 982+00 TO STA 991+00
402	TG004	C	TRACK – TRACK PLAN AND PROFILE – STA 991+00 TO STA 1000+00
403	TG005	C	TRACK – TRACK PLAN AND PROFILE – STA 1000+00 TO STA 1009+00
404	TG006	C	TRACK – TRACK PLAN AND PROFILE – STA 1009+00 TO STA 1018+00
405	TG007	C	TRACK – TRACK PLAN AND PROFILE – STA 1018+00 TO STA 1027+00
406	TG008	C	TRACK – TRACK PLAN AND PROFILE – STA 1027+00 TO STA 1036+00
407	TG009	C	TRACK – TRACK PLAN AND PROFILE – STA 1036+00 TO STA 1045+00
408	TG010	C	TRACK – TRACK PLAN AND PROFILE – STA 1045+00 TO STA 1054+00
409	TG011	C	TRACK – TRACK PLAN AND PROFILE – STA 1054+00 TO STA 1063+00
410	TG012	C	TRACK – TRACK PLAN AND PROFILE – STA 1063+00 TO STA 1072+00
411	TG013	C	TRACK – TRACK PLAN AND PROFILE – STA 1072+00 TO STA 1081+00
412	TG014	C	TRACK – TRACK PLAN AND PROFILE – STA 1081+00 TO STA 1090+00
413	TG015	C	TRACK – TRACK PLAN AND PROFILE – STA 1090+00 TO STA 1096+00
414	TG315	C	TRACK – TRACK PLAN AND PROFILE – TRACK T3 AT EASTRIDGE STATION
415	TT301	C	TRACKWORK – TRACK SCHEMATICS – STA 964+80 TO STA 989+50
416	TT302	C	TRACKWORK – TRACK SCHEMATICS – STA 989+50 TO STA 1017+00
417	TT303	C	TRACKWORK – TRACK SCHEMATICS – STA 1017+00 TO STA 1044+00
418	TT304	C	TRACKWORK – TRACK SCHEMATICS – STA 1044+00 TO STA 1071+00
419	TT305	C	TRACKWORK – TRACK SCHEMATICS – STA 1071+00 TO STA 1095+10.22
420	TD301	C	TRACK – TYPICAL TRACK SECTIONS – SHEET 1 OF 3
421	TD302	C	TRACK – TYPICAL TRACK SECTIONS – SHEET 2 OF 3
422	TD303	C	TRACK – TYPICAL TRACK SECTIONS – SHEET 3 OF 3
423	TD304	B	TRACK – SPECIAL TRACKWORK DETAILS – #8 TURNOUT – BALLASTED
424	TD305	B	TRACK – SPECIAL TRACKWORK DETAILS – #8 DOUBLE CROSSOVER – BALLASTED
425	TD306	B	TRACK – SPECIAL TRACKWORK DETAILS – #8 DOUBLE CROSSOVER DIAMOND LAYOUT
426	TD307	B	TRACK – SPECIAL TRACKWORK DETAILS – #4 TURNOUT – BALLASTED
427	TD308	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – TRACK CONCRETE TIES
428	TD309	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – EMERGENCY GUARD RAILS
429	TD310	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – DIRECT FIXATION TRACK CONCRETE PEDESTAL
430	TD311	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – INSULATED RAIL JOINT
431	TD312	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – STATION PLATFORM ANCHORING
432	TD313	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – GRADE CROSSING PANELS
433	TD314	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – RAIL FASTENING DETAILS
434	TD315	B	TRACK – MISCELLANEOUS TRACKWORK DETAILS – TRACK REMOVAL AND SALVAGE
435	TD316	A	TRACK – MISCELLANEOUS TRACKWORK DETAILS – T-3 TRACK AT EASTRIDGE STATION
436	TD316	A	TRACK – MISCELLANEOUS TRACKWORK DETAILS – EMERGENCY AC GRADE CROSSING
ELECTRICAL			
437	ET001	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/CAPITOL AVENUE
438	ET002	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/CAPITOL AVENUE
439	ET003	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/STORY ROAD
440	ET004	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/STORY ROAD
441	ET005	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/OCALA AVENUE
442	ET006	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/OCALA AVENUE
443	ET007	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/CUNNINGHAM AVENUE
444	ET008	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/CUNNINGHAM AVENUE
445	ET009	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/TULLY ROAD
446	ET010	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/TULLY ROAD
447	ET011	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/EASTRIDGE MALL
448	ET012	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/EASTRIDGE MALL ACCESS
449	ET013	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/QUIMBY ROAD
450	ET014	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL EXPRESSWAY/QUIMBY ROAD
451	ET015	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL AVENUE/WILBUR AVENUE

SHT NO	DWG NO	REV	TITLE
452	ET016	C	ELECTRICAL – TRAFFIC SIGNAL PLAN – CAPITOL AVENUE/WILBUR AVENUE
453	ET017	B	TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 2A, 2B, AND 2C – STA 991+00 TO STA 1000+00
454	ET018	B	TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 2A, 2B, AND 2C – STA 1036+00 TO STA 1045+00
455	ET019	B	TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 2A, 2B, AND 2C – STA 1045+00 TO STA 1054+00
456	ET020	B	TEMPORARY TRAFFIC SIGNAL PLAN – STAGE 2A, 2B, AND 2C – STA 1072+00 TO STA 1081+00
457	EF800	A	ELECTRICAL GENERAL
458	EF801	B	FIBER OPTIC SYSTEM – STA 973+00 TO STA 982+00
459	EF802	B	FIBER OPTIC SYSTEM – STA 982+00 TO STA 991+00
460	EF803	B	FIBER OPTIC SYSTEM – STA 991+00 TO STA 1000+00
461	EF804	B	FIBER OPTIC SYSTEM – STA 1000+00 TO STA 1009+00
462	EF805	B	FIBER OPTIC SYSTEM – STA 1009+00 TO STA 1018+00
463	EF806	B	FIBER OPTIC SYSTEM – STA 1018+00 TO STA 1027+00
464	EF807	B	FIBER OPTIC SYSTEM – STA 1027+00 TO STA 1036+00
465	EF808	B	FIBER OPTIC SYSTEM – STA 1036+00 TO STA 1045+00
466	EF809	B	FIBER OPTIC SYSTEM – STA 1045+00 TO STA 1054+00
467	EF810	B	FIBER OPTIC SYSTEM – STA 1054+00 TO STA 1063+00
468	EF811	B	FIBER OPTIC SYSTEM – STA 1063+00 TO STA 1072+00
469	EF812	B	FIBER OPTIC SYSTEM – STA 1072+00 TO STA 1081+00
470	EF813	B	FIBER OPTIC SYSTEM – STA 1081+00 TO STA 1090+00
471	EF814	B	FIBER OPTIC SYSTEM – STA 1090+00 TO STA 1095+00
472	EF815	B	FIBER OPTIC SYSTEM
473	EF816	B	FIBER OPTIC PULLBOX – SPLICING DETAIL
474	EF817	B	FIBER OPTIC DETAILS
475	EL101	B	STREET LIGHTING (CITY) – STA 964+80 TO STA 973+00
476	EL102	B	STREET LIGHTING (CITY) – STA 973+00 TO STA 982+00
477	EL103	B	STREET LIGHTING (CITY) – STA 982+00 TO STA 991+00
478	EL104	B	STREET LIGHTING (CITY) – STA 991+00 TO STA 1000+00
479	EL105	B	STREET LIGHTING (CITY) – STA 1000+00 TO STA 1009+00
480	EL106	B	STREET LIGHTING (CITY) – STA 1009+00 TO STA 1018+00
481	EL107	B	STREET LIGHTING (CITY) – STA 1018+00 TO STA 1027+00
482	EL108	B	STREET LIGHTING (CITY) – STA 1027+00 TO STA 1036+00
483	EL109	B	STREET LIGHTING (CITY) – STA 1036+00 TO STA 1045+00
484	EL110	B	STREET LIGHTING (CITY) – STA 1045+00 TO STA 1054+00
485	EL111	B	STREET LIGHTING (CITY) – STA 1054+00 TO STA 1063+00
486	EL112	B	STREET LIGHTING (CITY) – STA 1063+00 TO STA 1072+00
487	EL113	B	STREET LIGHTING (CITY) – STA 1072+00 TO STA 1081+00
488	EL114	B	STREET LIGHTING (CITY) – STA 1081+00 TO STA 1090+00
489	EL115	B	STREET LIGHTING (CITY) – STA 1090+00 TO STA 1095+10
490	EL201	A	EASTRIDGE TRANSIT CENTER – ELECTRICAL PLAN – STA 1081+00 TO STA 1086+00
491	EL202	B	EASTRIDGE TRANSIT CENTER – ELECTRICAL PLAN – EASTRIDGE LOOP
492	EL203	B	EASTRIDGE TRANSIT CENTER – ELECTRICAL PLAN – STA 1086+00 TO STA 1091+00
493	EL204	B	EASTRIDGE TRANSIT CENTER – ELECTRICAL PLAN – STA 1091+00 TO STA 1095+00
LANDSCAPE			
494	LP001	C	LANDSCAPE – PLANTING PLAN – STA 964+80 TO STA 967+00
495	LP002	C	LANDSCAPE – PLANTING PLAN – STA 967+00 TO STA 972+00
496	LP003	C	LANDSCAPE – PLANTING PLAN – STA 972+00 TO STA 977+00
497	LP004	C	LANDSCAPE – PLANTING PLAN – STA 977+00 TO STA 982+00
498	LP005	C	LANDSCAPE – PLANTING PLAN – STA 982+00 TO STA 987+00
499	LP006	C	LANDSCAPE – PLANTING PLAN – STA 987+00 TO STA 992+00
500	LP007	C	LANDSCAPE – PLANTING PLAN – STA 992+00 TO STA 997+00
501	LP008	C	LANDSCAPE – PLANTING PLAN – STA 997+00 TO STA 1002+00
502	LP009	C	LANDSCAPE – PLANTING PLAN – STA 1002+00 TO STA 1007+00
503	LP010	C	LANDSCAPE – PLANTING PLAN – STA 1007+00 TO STA 1012+00
504	LP011	C	LANDSCAPE – PLANTING PLAN – STA 1012+00 TO STA 1017+00
505	LP012	C	LANDSCAPE – PLANTING PLAN – STA 1017+00 TO STA 1022+00
506	LP013	C	LANDSCAPE – PLANTING PLAN – STA 1022+00 TO STA 1027+00

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER – N.V. BERNARD – No. 45407 – Exp. 9-30-20 – CIVIL – STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN007.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 3
VOLUME 1 (3 OF 4)

SHEET: OF
DRAWING NO.: GN007
REVISION: C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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DRAWING INDEX VOLUME 1

SHT NO	DWG NO	REV	TITLE
507	LP014	C	LANDSCAPE – PLANTING PLAN – STA 1027+00 TO STA 1032+00
508	LP015	C	LANDSCAPE – PLANTING PLAN – STA 1032+00 TO STA 1035+50
509	LP016	C	LANDSCAPE – PLANTING PLAN – STA 1035+50 TO STA 1039+50
510	LP017	C	LANDSCAPE – PLANTING PLAN – STA 1039+50 TO STA 1044+00
511	LP018	C	LANDSCAPE – PLANTING PLAN – STA 1044+00 TO STA 1048+00
512	LP019	C	LANDSCAPE – PLANTING PLAN – STA 1048+00 TO STA 1053+00
513	LP020	C	LANDSCAPE – PLANTING PLAN – STA 1053+00 TO STA 1058+00
514	LP021	C	LANDSCAPE – PLANTING PLAN – STA 1058+00 TO STA 1063+00
515	LP022	C	LANDSCAPE – PLANTING PLAN – STA 1063+00 TO STA 1068+00
516	LP023	C	LANDSCAPE – PLANTING PLAN – STA 1068+00 TO STA 1071+00
517	LP024	C	LANDSCAPE – PLANTING PLAN – STA 1071+00 TO STA 1075+50
518	LP025	C	LANDSCAPE – PLANTING PLAN – STA 1075+50 TO STA 1080+50
519	LP026	C	LANDSCAPE – PLANTING PLAN – STA 1080+50 TO STA 1085+00
520	LP126	C	LANDSCAPE – PLANTING PLAN – EASTRIDGE LOOP
521	LP226	A	LANDSCAPE – PLANTING PLAN – EASTRIDGE LOOP – 02
522	LP027	C	LANDSCAPE – PLANTING PLAN – STA 1085+00 TO STA 1090+00
523	LP127	C	LANDSCAPE – PLANTING PLAN – EASTRIDGE LOOP – 03
524	LP028	C	LANDSCAPE – PLANTING PLAN – STA 1090+00 TO STA 1094+50
525	LP029	C	LANDSCAPE – PLANTING PLAN – STA 1094+50 TO STA 1095+10
526	LI001	C	LANDSCAPE – IRRIGATION PLAN – STA 964+80 TO STA 967+00
527	LI002	C	LANDSCAPE – IRRIGATION PLAN – STA 967+00 TO STA 972+00
528	LI003	C	LANDSCAPE – IRRIGATION PLAN – STA 972+00 TO STA 977+00
529	LI004	C	LANDSCAPE – IRRIGATION PLAN – STA 977+00 TO STA 982+00
530	LI005	C	LANDSCAPE – IRRIGATION PLAN – STA 982+00 TO STA 987+00
531	LI006	C	LANDSCAPE – IRRIGATION PLAN – STA 987+00 TO STA 992+00
532	LI007	C	LANDSCAPE – IRRIGATION PLAN – STA 992+00 TO STA 997+00
533	LI008	C	LANDSCAPE – IRRIGATION PLAN – STA 997+00 TO STA 1002+00
534	LI009	C	LANDSCAPE – IRRIGATION PLAN – STA 1002+00 TO STA 1007+00
535	LI010	C	LANDSCAPE – IRRIGATION PLAN – STA 1007+00 TO STA 1012+00
536	LI011	C	LANDSCAPE – IRRIGATION PLAN – STA 1012+00 TO STA 1017+00
537	LI012	C	LANDSCAPE – IRRIGATION PLAN – STA 1017+00 TO STA 1022+00
538	LI013	C	LANDSCAPE – IRRIGATION PLAN – STA 1022+00 TO STA 1027+00
539	LI014	C	LANDSCAPE – IRRIGATION PLAN – STA 1027+00 TO STA 1032+00
540	LI015	C	LANDSCAPE – IRRIGATION PLAN – STA 1032+00 TO STA 1035+50
541	LI016	C	LANDSCAPE – IRRIGATION PLAN – STA 1035+50 TO STA 1039+50
542	LI017	C	LANDSCAPE – IRRIGATION PLAN – STA 1039+50 TO STA 1044+00
543	LI018	C	LANDSCAPE – IRRIGATION PLAN – STA 1044+00 TO STA 1048+00
544	LI019	C	LANDSCAPE – IRRIGATION PLAN – STA 1048+00 TO STA 1053+00
545	LI020	C	LANDSCAPE – IRRIGATION PLAN – STA 1053+00 TO STA 1058+00
546	LI021	C	LANDSCAPE – IRRIGATION PLAN – STA 1058+00 TO STA 1063+00
547	LI022	C	LANDSCAPE – IRRIGATION PLAN – STA 1063+00 TO STA 1068+00
548	LI023	C	LANDSCAPE – IRRIGATION PLAN – STA 1068+00 TO STA 1071+00
549	LI024	C	LANDSCAPE – IRRIGATION PLAN – STA 1071+00 TO STA 1075+50
550	LI025	C	LANDSCAPE – IRRIGATION PLAN – STA 1075+50 TO STA 1080+50
551	LI026	C	LANDSCAPE – IRRIGATION PLAN – STA 1080+50 TO STA 1085+00
552	LI126	C	LANDSCAPE – IRRIGATION PLAN – EASTRIDGE LOOP
553	LI226	A	LANDSCAPE – IRRIGATION PLAN – EASTRIDGE LOOP – 02
554	LI027	C	LANDSCAPE – IRRIGATION PLAN – STA 1085+00 TO STA 1090+00
555	LI127	C	LANDSCAPE – IRRIGATION PLAN – EASTRIDGE LOOP – 03
556	LI028	C	LANDSCAPE – IRRIGATION PLAN – STA 1090+00 TO STA 1094+50
557	LI029	C	LANDSCAPE – IRRIGATION PLAN – STA 1094+50 TO STA 1095+10
558	LD001	C	LANDSCAPE – DETAILS
559	LD002	C	LANDSCAPE – DETAILS
560	LD003	A	LANDSCAPE – DETAILS

NO.	DATE	REVISIONS
B	06/20	95% SUBMITTAL SET
A	03/19	65% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN008.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 4
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SHEET	OF
DRAWING NO.	GN008
REVISION	B

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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DRAWING INDEX VOLUME 2

SHT NO	DWG NO	REV	TITLE
GENERAL			
1	GN001	C	GENERAL – TITLE
2	GN002	C	GENERAL – KEYMAP – 40 – SCALE
3	GN003	C	GENERAL – KEYMAP – 20 – SCALE
4	GN004	C	GENERAL – DESIGN DRAWING VOLUMES – LAYOUT AND ORGANIZATION
5	GN009	B	GENERAL – SHEET INDEX – 5 – VOLUME 2 (1 OF 3)
6	GN010	B	GENERAL – SHEET INDEX – 6 – VOLUME 2 (2 OF 3)
7	GN011	B	GENERAL – SHEET INDEX – 7 – VOLUME 2 (3 OF 3)
STRUCTURES			
8	SP300	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GENERAL PLAN No. 1
9	SP301	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GENERAL PLAN No. 2
10	SP302	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GENERAL PLAN No. 3
11	SP303	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GENERAL PLAN No. 4
12	SP304	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GENERAL PLAN No. 5
13	SP305	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GENERAL NOTES No. 1
14	SP306	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GENERAL NOTES No. 2
15	SP307	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 1
16	SP308	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 2
17	SP309	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 3
18	SP310	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 4
19	SP311	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 5
20	SP312	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 6
21	SP313	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 7
22	SP314	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 8
23	SP315	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 9
24	SP316	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 10
25	SP317	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 11
26	SP318	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 12
27	SP319	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 13
28	SP320	C	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – STRUCTURE PLAN – FRAME 14
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NO.	DATE	REVISIONS
B	06/20	95% SUBMITTAL SET
A	03/19	65% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN009.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 5
VOLUME 2 (1 OF 3)

SHEET	OF
DRAWING NO.	GN009
REVISION	B
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

HERN Jun 29, 2020 – 6:27pm C:\cadd\b\pw\ahernandez\west\dms98389\801GN009.dwg

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259	SR401	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 20
260	SR402	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 21
261	SR403	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 22
262	SR404	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 23
263	SR405	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 24
264	SR406	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 25
265	SR407	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 26
266	SR408	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 27
267	SR409	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 28
268	SR410	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 29
269	SR411	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 30
270	SR412	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 31
271	SR413	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 32
272	SR414	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 33
273	SR415	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 34
274	SR416	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – ADDITIONAL DECK REINFORCEMENT – FRAME 35
275	SR417	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GIRDER DETAILS No. 1
276	SR418	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GIRDER DETAILS No. 2
277	SR419	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GIRDER DETAILS No. 3
278	SR420	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GIRDER DETAILS No. 4
279	SR421	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GIRDER DETAILS No. 5
280	SR422	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – GIRDER DETAILS No. 6
281	SR425	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – PC POST TENSIONED WIDE FLANGE GIRDER DETAILS No. 1
282	SR426	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – PC POST TENSIONED WIDE FLANGE GIRDER DETAILS No. 2
283	SR427	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – PC POST TENSIONED WIDE FLANGE GIRDER DETAILS No. 3
284	SR428	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 1
285	SR429	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 2
286	SR430	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 3
287	SR431	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 4
288	SR432	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 5
289	SR433	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 6
290	SR435	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 8
291	SR436	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 9
292	SR437	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 10
293	SR438	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 11
294	SR439	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 12
295	SR440	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE DETAILS No. 13
296	SR441	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE BEARING DETAILS
297	SR442	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE RESTRAINER DETAILS No. 1
298	SR443	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – HINGE RESTRAINER DETAILS No. 2
299	SR444	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – JOINT SEAL ASSEMBLY MR = 4" MAX
300	SR445	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – JOINT SEAL ASSEMBLY MR > 4"
301	SD301	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 1
302	SD302	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 2
303	SD303	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 3
304	SD304	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 4
305	SD305	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 5
306	SD306	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 6
307	SD307	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 7
308	SD308	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 8
309	SD309	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 9
310	SD310	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE PLAN No. 10
311	SD311	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE DETAILS No. 1
312	SD312	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – DRAINAGE DETAILS No. 2
313	SD313	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – TEST PILE DETAILS
314	SD314	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – PILE DETAILS No. 1
315	SD315	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – PILE DETAILS No. 2
316	SD316	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – SIGNAL FOUNDATION DETAILS No. 1
317	SD317	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – SIGNAL FOUNDATION DETAILS No. 2
318	SD318	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – TES FOUNDATION DETAILS No. 1
319	SD319	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – TES FOUNDATION DETAILS No. 2
320	SD320	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – TES FOUNDATION DETAILS No. 3
321	SD321	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – TES FOUNDATION DETAILS No. 4
322	SD322	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – IDS POLE DETAILS

NO.	DATE	REVISIONS
B	06/20	95% SUBMITTAL SET
A	03/19	65% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN010.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 6
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SHEET OF
DRAWING NO. GN010
REVISION B

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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DRAWING INDEX VOLUME 2

SHT NO	DWG NO	REV	TITLE
323	SD323	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – METAL RAILING DETAILS
324	SD324	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – SOUND BARRIER DETAILS
325	SD325	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – APPROACH SLAB DETAILS No. 1
326	SD326	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – APPROACH SLAB DETAILS No. 2
327	SD327	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS POST DETAILS
328	SD328	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS DETAILS No. 1
329	SD329	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS DETAILS No. 2
330	SD330	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS DETAILS No. 3
331	SD331	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS DETAILS No. 4
332	SD332	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS DETAILS No. 5
333	SD333	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS DETAILS No. 6
334	SD334	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – MISCELLANEOUS DETAILS No. 7
335	SD335	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – AESTHETIC DETAILS No. 1
336	SD336	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – AESTHETIC DETAILS No. 2
337	SD337	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – AESTHETIC DETAILS No. 3
338	SD338	B	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – AESTHETIC DETAILS No. 4
339	SD339	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – AESTHETIC DETAILS No. 5
340	SD340	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – AESTHETIC DETAILS No. 6
341	SD341	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – AESTHETIC DETAILS No. 7
342	SD342	A	STRUCTURAL – CAPITOL AERIAL GUIDEWAY – TRAFFIC SIGNAL SUPPORT DETAILS
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343	SP380	C	STRUCTURAL – NORTH APPROACH WALLS – GENERAL NOTES
344	SP381	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL PLAN No. 1
345	SP382	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL PLAN No. 2
346	SD381	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL DETAILS No. 1
347	SD382	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL DETAILS No. 2
348	SD383	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL DETAILS No. 3
349	SD384	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL DETAILS No. 4
350	SD385	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL DETAILS No. 5
351	SD386	C	STRUCTURAL – NORTH APPROACH WALLS – RETAINING WALL DETAILS No. 6
352	SD387	C	STRUCTURAL – NORTH APPROACH WALLS – MECHANICAL STABILIZED EMBANKMENT DETAILS No. 1
353	SD388	C	STRUCTURAL – NORTH APPROACH WALLS – MECHANICAL STABILIZED EMBANKMENT DETAILS No. 2
354	SD389	C	STRUCTURAL – NORTH APPROACH WALLS – IDS POLE DETAILS
355	SP391	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL PLAN No. 1
356	SP392	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL PLAN No. 2
357	SP393	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL PLAN No. 3
358	SP394	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL PLAN No. 4
359	SP395	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL PLAN No. 5
360	SP396	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL PLAN No. 6
361	SD391	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL DETAILS No. 1
362	SD392	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL DETAILS No. 2
363	SD393	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL DETAILS No. 3
364	SD394	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL DETAILS No. 4
365	SD395	C	STRUCTURAL – SOUTH APPROACH WALLS – RETAINING WALL DETAILS No. 5
366	SD401	B	CAPITOL – STORY AERIAL GUIDEWAY – NORTH APPROACH WALLS – MSE WALL WEST FACE 1
367	SD402	B	CAPITOL – STORY AERIAL GUIDEWAY – NORTH APPROACH WALLS – MSE WALL WEST FACE 2
368	SD403	B	CAPITOL – STORY AERIAL GUIDEWAY – NORTH APPROACH WALLS – MSE WALL EAST FACE 1
369	SD404	B	CAPITOL – STORY AERIAL GUIDEWAY – NORTH APPROACH WALLS – MSE WALL EAST FACE 2
370	SD405	B	CAPITOL – STORY AERIAL GUIDEWAY – SOUTH APPROACH WALLS – CIP WALL WEST FACE 1
371	SD406	B	CAPITOL – STORY AERIAL GUIDEWAY – SOUTH APPROACH WALLS – CIP WALL WEST FACE 2
372	SD407	B	CAPITOL – STORY AERIAL GUIDEWAY – SOUTH APPROACH WALLS – CIP WALL EAST FACE 1
373	SD408	B	CAPITOL – STORY AERIAL GUIDEWAY – SOUTH APPROACH WALLS – CIP WALL EAST FACE 2
374	SD409	B	CAPITOL – STORY AERIAL GUIDEWAY – SOUTH APPROACH WALLS – FORMLINER DETAILS
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375	HP301	B	GEOTECHNICAL – SITE PLAN – STA 964+80 TO STA 1014+00
376	HP302	B	GEOTECHNICAL – SITE PLAN – STA 1014+00 TO STA 1064+10
377	HP303	B	GEOTECHNICAL – SITE PLAN – STA 1064+10 TO STA 1095+05
378	HP304	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 971+00 TO STA 976+60
379	HP305	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 975+00 TO STA 980+60
380	HP306	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 978+25 TO STA 984+00
381	HP307	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 981+35 TO STA 987+00
382	HP308	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 984+80 TO STA 990+45
383	HP309	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 988+00 TO STA 993+65
384	HP310	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 993+00 TO STA 998+70
385	HP311	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 993+00 TO STA 998+70
386	HP312	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 999+50 TO STA 1005+20
387	HP313	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1001+00 TO STA 1006+65
388	HP314	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1007+00 TO STA 1012+65
389	HP315	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1012+00 TO STA 1017+65
390	HP316	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1018+00 TO STA 1023+65
391	HP317	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1024+00 TO STA 1029+65
392	HP318	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1030+00 TO STA 1035+65
393	HP319	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1035+00 TO STA 1040+65
394	HP320	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1042+00 TO STA 1047+65
395	HP321	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1047+00 TO STA 1052+65
396	HP322	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1054+00 TO STA 1059+65
397	HP323	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1059+00 TO STA 1064+65
398	HP324	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1064+00 TO STA 1069+65
399	HP325	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1066+80 TO STA 1072+50
400	HP326	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1069+00 TO STA 1074+65
401	HP327	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1073+35 TO STA 1079+00
402	HP328	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1076+00 TO STA 1081+65
403	HP329	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1079+00 TO STA 1084+65
404	HP330	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1082+30 TO STA 1095+05
405	HP331	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 101+50 TO STA 107+15
406	HP332	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1012+50 TO STA 1025+85
407	HP333	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1053+15 TO STA 1058+80
408	HP334	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1038+40 TO STA 1044+30
409	HP335	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 975+35 TO STA 981+00
410	HP336	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1029+65 TO STA 1035+30
411	HP337	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1005+00 TO STA 1019+50
412	HP338	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1047+00 TO STA 1052+65
413	HP339	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1059+60 TO STA 1065+20
414	HP340	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 977+30 TO STA 1084+40
415	HP341	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1082+40 TO STA 1088+05
416	HP342	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1082+50 TO STA 1088+15
417	HP343	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1085+75 TO STA 1091+40
418	HP344	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1085+75 TO STA 1091+40
419	HP345	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1085+75 TO STA 1091+40
420	HP346	B	GEOTECHNICAL – LOG OF TEST BORINGS – STA 1091+60 TO STA 1095+05

SHT NO	DWG NO	REV	TITLE
CORROSION CONTROL			
421	CC001	A	CORROSION CONTROL – GENERAL NOTES
422	CC101	A	CORROSION CONTROL – AERIAL GUIDEWAY HINGE BOND
423	CC102	A	CORROSION CONTROL – AERIAL GUIDEWAY CORROSION – MONITORING AT BENTS
424	CC103	A	CORROSION CONTROL – AERIAL GUIDEWAY CORROSION – MONITORING AT BENTS
425	CC104	A	CORROSION CONTROL – AERIAL GUIDEWAY CORROSION – MONITORING AT BENTS
426	CC105	A	CORROSION CONTROL – AERIAL GUIDEWAY CORROSION – MONITORING AT ABUTS
427	CC201	A	CORROSION CONTROL – DETAILS

NO.	DATE	REVISIONS
B	06/20	95% SUBMITTAL SET
A	03/19	65% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN011.dwg

Santa Clara Valley Transportation Authority

APPROVED
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EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 7
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SHEET	OF
DRAWING NO.	GN011
REVISION	B
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

Jun 29, 2020 - 6:27pm C:\cadd\b\pw\ahernandez\west\dms98389\801GN011.dwg
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DRAWING INDEX VOLUME 3

SHT NO	DWG NO	REV	TITLE
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1	GN001	C	GENERAL – TITLE
2	GN002	C	GENERAL – KEYMAP – 40 – SCALE
3	GN003	C	GENERAL – KEYMAP – 20 – SCALE
4	GN004	C	GENERAL – DESIGN DRAWING VOLUMES – LAYOUT AND ORGANIZATION
5	GN012	B	GENERAL – SHEET INDEX – 8 – VOLUME 3 (1 OF 2)
6	GN013	B	GENERAL – SHEET INDEX – 9 – VOLUME 3 (2 OF 2)
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7	AA351	A	ARCHITECTURAL – ABBREVIATIONS AND SYMBOLS
8	AA352	B	ARCHITECTURAL – ARCHITECTURAL LEGEND AND – MASTER KEY NOTES
9	AA353	A	ARCHITECTURAL – CODE REVIEW
10	AP500	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – ARCHITECTURAL SITE/GROUND FLOOR PLAN
11	AP501	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – KEY PLAN – PLATFORM LEVEL
12	AP502	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – PARTIAL PLATFORM PLAN 1
13	AP503	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – PARTIAL PLATFORM PLAN 2
14	AP504	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – PARTIAL PLATFORM PLAN 3
15	AP505	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – PLATFORM SECTIONS 1
16	AP506	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – WEST ELEVATION
17	AP507	C	ARCHITECTURAL – STORY STATION – AERIAL CENTER PLATFORM – EAST ELEVATION
18	AP530	B	ARCHITECTURAL – STORY STATION – WEST ACCESS – GROUND LEVEL PLAN
19	AP531	B	ARCHITECTURAL – STORY STATION – WEST ACCESS – POC LEVEL PLAN
20	AP532	B	ARCHITECTURAL – STORY STATION – WEST ACCESS – SECTION
21	AP533	B	ARCHITECTURAL – STORY STATION – WEST ACCESS – WEST ELEVATION
22	AP534	B	ARCHITECTURAL – STORY STATION – WEST ACCESS – EAST ELEVATION
23	AP540	B	ARCHITECTURAL – STORY STATION – EAST ACCESS – GROUND LEVEL PLAN
24	AP541	B	ARCHITECTURAL – STORY STATION – EAST ACCESS – POC LEVEL PLAN
25	AP542	B	ARCHITECTURAL – STORY STATION – EAST ACCESS – SECTION
26	AP543	B	ARCHITECTURAL – STORY STATION – EAST ACCESS – WEST ELEVATION
27	AP544	B	ARCHITECTURAL – STORY STATION – EAST ACCESS – EAST ELEVATION
28	AP550	B	ARCHITECTURAL – STORY STATION – SOUTH EMERGENCY EXIT – GROUND LEVEL PLAN
29	AP551	B	ARCHITECTURAL – STORY STATION – PLATFORM ACCESS – POC LEVEL PLAN
30	AP552	B	ARCHITECTURAL – STORY STATION – PLATFORM ACCESS – PLATFORM LEVEL PLAN
31	AP553	B	ARCHITECTURAL – STORY STATION – PLATFORM ACCESS – SECTION 1
32	AP554	A	ARCHITECTURAL – STORY STATION – PLATFORM ACCESS – SECTION 2
33	AP555	B	ARCHITECTURAL – STORY STATION – PLATFORM ACCESS – WEST ELEVATION
34	AP556	B	ARCHITECTURAL – STORY STATION – PLATFORM ACCESS – EAST ELEVATION
35	AP560	B	ARCHITECTURAL – STORY STATION – NORTH EMERGENCY EXIT – GROUND LEVEL & PLATFORM LEVEL PLAN
36	AP561	B	ARCHITECTURAL – STORY STATION – NORTH ACCESS – PLATFORM LEVEL PLAN
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40	AP566	B	ARCHITECTURAL – STORY STATION – EMERGENCY EXITS ORNAMENTAL – SECURITY FENCE ELEVATIONS AND DETAILS
41	AP567	A	ARCHITECTURAL – STORY STATION – EMERGENCY EXITS ORNAMENTAL – SECURITY FENCE ELEVATIONS AND DETAILS
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44	AP570	A	ARCHITECTURAL – STORY & EASTRIDGE STATION – FINISH SCHEDULE
45	AP572	A	ARCHITECTURAL – STORY STATION – ACCESS STRUCTURES – GUARDRAIL & GATE DETAILS
46	AP573	A	ARCHITECTURAL – GUARDRAIL, HANDRAIL & – STAIR DETAILS
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48	AP575	A	ARCHITECTURAL – GUARDRAIL, HANDRAIL & – INTERIOR WALL DETAILS
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50	AP581	B	ARCHITECTURAL – STORY STATION – ELEVATOR #2 – SECTIONS
51	AP582	B	ARCHITECTURAL – STORY STATION – ELEVATOR #2 – ELEVATIONS
52	AP583	B	ARCHITECTURAL – STORY STATION – ELEVATOR #3 – ENLARGED PLANS
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54	AP585	B	ARCHITECTURAL – STORY STATION – ELEVATOR #3 – ELEVATIONS
55	AP586	B	ARCHITECTURAL – STORY STATION – ELEVATOR #1 – ENLARGED PLANS
56	AP587	A	ARCHITECTURAL – STORY STATION – ELEVATOR #1 – SECTIONS
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58	AP590	A	ARCHITECTURAL – STORY STATION – ACCESS STRUCTURES – ELEVATOR HOISTWAY DETAILS
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60	AP610	C	ARCHITECTURAL – STORY STATION – PEDESTRIAN OVERCROSSING – PLAN
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80	AP831	A	ARCHITECTURAL – EASTRIDGE STATION – STAIRS AND RAMP ELEVATIONS
81	AP900	C	ARCHITECTURAL – EASTRIDGE STATION – #34 TPSS SCREEN – PLAN & SECTION
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83	AP910	C	ARCHITECTURAL – OCALA STATION – #33 TPSS SCREEN – PLAN
84	AP912	C	ARCHITECTURAL – OCALA STATION – #33 TPSS SCREEN – ELEVATIONS
85	AP915	A	ARCHITECTURAL – TYPICAL TPSS – GATE DETAILS
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88	AT106	C	ARCHITECTURAL – SHELTER CANOPY – REFLECTED CEILING PLAN & SECTIONS
89	AT111	C	ARCHITECTURAL – TVM SHELTER CANOPY – PLANS, SECTIONS & ELEVATIONS
90	AT142	A	ARCHITECTURAL – SHELTER CANOPY – DETAILS
91	AT200	B	ARCHITECTURAL – STORY STATION – SIGNALS/COMM HOUSE – FLOOR PLAN & ROOF PLAN
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95	AT205	A	ARCHITECTURAL – EASTRIGE STATION – SIGNALS/COMM HOUSE – FLOOR PLAN & ROOF PLAN
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100	AT330	A	ARCHITECTURAL – WINDSCREEN & BENCH – DETAILS
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110	MM500	C	MECHANICAL – STORY STATION – GROUND FLOOR KEY PLAN
111	MM501	C	MECHANICAL – STORY STATION – GROUND FLOOR – SHEET 1 OF 2
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113	MM510	C	MECHANICAL – STORY STATION – AERIAL CENTER PLATFORM – KEY PLAN–PLATFORM LEVEL
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NO.	DATE	REVISIONS
B	06/20	95% SUBMITTAL SET
A	03/19	65% SUBMITTAL SET

N.V. BERNARD No. 45407 Exp. 9-30-20 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

SUBMITTED: BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN012.dwg

Santa Clara Valley Transportation Authority

APPROVED: BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/19	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 8
VOLUME 3 (1 OF 2)

SHEET: OF
DRAWING NO.: GN012
REVISION: B

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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DRAWING INDEX VOLUME 3

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238	SD803	C	STRUCTURAL – EASTRIDGE STATION – PLATFORM DETAILS No. 1
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289	SD901	C	STRUCTURAL – NORTH APPROACH WALLS – SOUND WALL DETAILS
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EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
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SHEET OF
DRAWING NO. GN013
REVISION B

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
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DRAWING NO.	GN014
REVISION	B
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

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NO.	DATE	REVISIONS
B	06/20	95% SUBMITTAL SET
A	03/19	65% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN015.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
SHEET INDEX - 11
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SHEET OF
DRAWING NO. GN015
REVISION B

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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DRAWING INDEX VOLUME 4

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423	GN018	C	COMMUNICATIONS – GENERAL – SYMBOLS
424	GN021	C	COMMUNICATIONS – GENERAL NOTES – SHEET 1 OF 2
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427	KB104	C	COMMUNICATIONS – SYSTEM BLOCK DIAGRAM – STATIONS SINGLE LINE, SHEET 1 OF 2
428	KB105	C	COMMUNICATIONS – SYSTEM BLOCK DIAGRAM – STATIONS SINGLE LINE, SHEET 2 OF 2
429	KB106	C	COMMUNICATIONS – CTS BLOCK DIAGRAM – CTS TOPOLOGY
430	KB107	C	COMMUNICATIONS – BLOCK DIAGRAM – TYPICAL COMMUNICATIONS NODE
431	KB111	C	COMMUNICATIONS – CTS CABLE DIAGRAM – STORY COMMUNICATIONS NODE
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433	KB154	C	COMMUNICATIONS – BLOCK DIAGRAM, TYPICAL – PUBLIC ADDRESS SUBSYSTEM
434	KB156	C	COMMUNICATIONS – BLOCK DIAGRAM, TYPICAL – PASSENGER INFO. MONITOR SUBSYSTEM
435	KB157	C	COMMUNICATIONS – BLOCK DIAGRAM, TYPICAL – AUTOMATED FARE COLLECTION SUBSYSTEM
436	KB158	C	COMMUNICATIONS – BLOCK DIAGRAM, TYPICAL – TELEPHONE SUBSYSTEM
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440	KB165	A	COMMUNICATIONS – BLOCK DIAGRAM, TYPICAL – ACCESS CONTROL SYSTEM
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443	KB179	B	COMMUNICATIONS – POWER SINGLE LINE DIAGRAM – IT ROOM TYPICAL
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452	KC006	B	COMMUNICATIONS – COMBINED SYSTEM DUCTBANK – OVERALL CABLE PLAN
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459	KD004	C	COMMUNICATIONS – INSTALLATION DETAILS – CSD CABLE RACKING / ROUTING
460	KD005	C	COMMUNICATIONS – INSTALLATION DETAILS – STATION COMMS GROUNDING
461	KD006	C	COMMUNICATIONS – INSTALLATION DETAILS – TYPICAL STA. LOCAL DISTRIBUTION FRAME
462	KD008	C	COMMUNICATIONS – INSTALLATION DETAILS CENTRAL – EQUIPMENT ROOM GROUNDING
463	KD107	C	COMMUNICATIONS – INSTALLATION DETAILS – PASSENGER INFO. MONITOR MOUNTING
464	KD110	C	COMMUNICATIONS – INSTALLATION DETAILS – PUBLIC ADDRESS SPEAKER MOUNTING
465	KD111	B	COMMUNICATIONS – INSTALLATION DETAILS – PUBLIC ADDRESS SPEAKERS
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482	KE111	C	COMMUNICATIONS – EQUIPMENT LAYOUT – FLOOR PLAN, RAIL OPS EQUIPMENT ROOM
483	KE113	C	COMMUNICATIONS – EQUIPMENT LAYOUT – FLOOR PLAN, STORY SIGNALS/COMM ROOM
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485	KE120	B	COMMUNICATIONS – RACK FACE ELEV – RAIL OPS COMM EQUIPMENT ROOM
486	KE125	B	COMMUNICATIONS – RACK FACE ELEV – STORY STATION COMM ROOM
487	KE127	B	COMMUNICATIONS – RACK FACE ELEV – EASTRIDGE STATION COMM ROOM
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497	KF108	A	STORY STATION – ELEVATOR #3 AREA – COMM PLAN
498	KF109	A	STORY STATION – COMM DETAILS
499	KF201	A	EASTRIDGE STATION – PLATFORM COMM PLAN 1
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EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
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DRAWING NO. GN016
REVISION B

PCA NO.	CONTRACT NO.	FILE LOCATION
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502	EC000	C	ELECTRICAL – COMBINED SYSTEM DUCT – LEGEND AND NOTES
503	EC001	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 964+80 TO STA 967+00
504	EC101	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 964+80 TO STA 967+00
505	EC002	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 967+00 TO STA 972+00
506	EC003	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 972+00 TO STA 977+00
507	EC004	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 977+00 TO STA 982+00
508	EC005	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 982+00 TO STA 987+00
509	EC006	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 987+00 TO STA 992+00
510	EC007	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 992+00 TO STA 997+00
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514	EC011	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1012+00 TO STA 1017+00
515	EC012	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1017+00 TO STA 1022+00
516	EC013	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1022+00 TO STA 1027+00
517	EC014	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1027+00 TO STA 1032+00
518	EC015	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1032+00 TO STA 1035+50
519	EC016	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1035+50 TO STA 1039+50
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521	EC216	B	ELECTRICAL – COMBINED SYSTEM DUCT (AT–GRADE) – PLAN & PROFILE
522	EC017	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1039+50 TO STA 1044+00
523	EC018	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1044+00 TO STA 1048+00
524	EC019	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1048+00 TO STA 1053+00
525	EC020	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1053+00 TO STA 1058+00
526	EC021	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1058+00 TO STA 1063+00
527	EC022	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1063+00 TO STA 1068+00
528	EC023	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1068+00 TO STA 1071+00
529	EC024	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1071+00 TO STA 1075+50
530	EC025	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1075+50 TO STA 1080+50
531	EC026	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1080+50 TO STA 1085+00
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533	EC028	C	ELECTRICAL – COMBINED SYSTEM DUCT – STA 1090+00 TO STA 1094+50
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535	ED401	B	ELECTRICAL – COMBINED SYSTEM DUCT – TYPICAL DUCTBANK SECTIONS
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538	ED404	B	ELECTRICAL – COMBINED SYSTEM DUCT – BENT 47
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549	ED415	B	ELECTRICAL – COMBINED SYSTEM DUCT – TES FEEDER POLE

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REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

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REVISION	A

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3	GN003	C	GENERAL – KEYMAP – 20 – SCALE
4	GN004	C	GENERAL – DESIGN DRAWING VOLUMES – LAYOUT AND ORGANIZATION
5	GN018	A	GENERAL – SHEET INDEX – 14 – VOLUME 5
6	GN019	C	GENERAL – ABBREVIATIONS – 1
7	GN020	C	GENERAL – ABBREVIATIONS – 2
8	GN021	C	GENERAL – ABBREVIATIONS – 3
9	GN022	C	GENERAL – ABBREVIATIONS – 4
10	GN023	C	GENERAL – ABBREVIATIONS – 5
11	GN024	C	GENERAL – LEGEND – 1
12	GN025	C	GENERAL – LEGEND – 2
13	GN026	C	GENERAL – LEGEND – 3
14	GN027	C	GENERAL – LEGEND – 4
CIVIL			
15	BR100	A	CIVIL – BRT OCALA STATION – KEYMAP
16	BR101	A	CIVIL – BRT OCALA STATION – DEMOLITION & SALVAGE PLAN – EXISTING CONDITION
17	BR111	A	CIVIL – BRT OCALA STATION – IMPROVEMENT PLAN
18	BR121	A	CIVIL – BRT OCALA STATION – UTILITY PLAN – 1
19	BR122	A	CIVIL – BRT OCALA STATION – UTILITY PLAN – 2
20	BR131	A	CIVIL – BRT OCALA STATION – CONSTRUCTION DETAILS – 1
21	BR132	A	CIVIL – BRT OCALA STATION – CONSTRUCTION DETAILS – 2
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22	SA100	A	STRUCTURAL – BRT OCALA STATION – STRUCTURAL DESIGN CRITERIA
23	SP101	A	STRUCTURAL – BRT OCALA STATION – BUS SHELTER PLAN & ELEVATION
24	SU101	A	STRUCTURAL – BRT OCALA STATION – FOUNDATION DETAILS No. 1
25	SU102	A	STRUCTURAL – BRT OCALA STATION – FOUNDATION DETAILS No. 2
26	SU103	A	STRUCTURAL – BRT OCALA STATION – FOUNDATION DETAILS No. 3

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ABBREVIATIONS LIST

A

A	AREA, AMPERE, ADJUST TO GRADE
AAR	ASSOCIATION OF AMERICAN RAILROADS
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
AAV	AUTOMATIC AIR VENT
AB	ABANDON, ANCHOR BOLT, AGGREGATE BASE
Abn, ABAN	ABANDON
ABS	AUTOMATIC BLOCK SIGNALING
ABUT	ABUTMENT
AC	ALTERNATING CURRENT, ASPHALT CONCRETE, ASBESTOS CEMENT (TRANSITE)
A/C	AIR CONDITIONING
ACI	AMERICAN CONCRETE INSTITUTE
ACK	ACKNOWLEDGE
ACP	ASBESTOS CEMENT PIPE, ACCESS CONTROL PANEL
ACR	ACCESS CARD READER
ACS	ADVANCED COMMUNICATIONS SYSTEM
ACT'L	ACOUSTICAL
AD	AREA DRAIN, ALGEBRAIC DIFFERENCE
ADA	AMERICANS WITH DISABILITIES ACT
ADC	ACCESS DOOR CONTACT
ADD	ADDITION
ADJ	ADJACENT
ADD'L	ADDITIONAL
ADM	ADD–DROP MULTIPLEXER
ADR	ACCESS DOOR
AFC	AUTOMATIC FARE COLLECTION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFO	AUDIO FREQUENCY OVERLAY TRACK CIRCUIT
AFTS	ALTERNATIVE FLARE TERMINAL SYSTEM
AGC	AUTOMATIC GAIN CONTROL
AGG	AGGREGATE
AHD	AHEAD
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AMP	AMPERE, AMPLIFIER
AN	AMBIENT NOISE MICROPHONE
ANG	ANGLE
ANN	ANNUNCIATOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ANT	ANTENNA
AP	ACCESS PANEL, ANGLE POINT
APN	ASSESSOR'S PARCEL NUMBER, APPRAISAL NUMBER
APPROX	APPROXIMATELY
ARCH	ARCHITECT
AREA	AMERICAN RAILWAY ENGINEERING ASSOCIATION
AREMA	AMERICAN RAILWAY ENGINEERING AND MAINTENANCE–OF–WAY ASSOCIATION
ARRGT	ARRANGEMENT
AS	AGGREGATE SUBBASE, AMMETER SWITCH
ASHRAE	AMERICAN SOCIETY OF HEATING REFRIGERATION & AIR CONDITIONERS, INC
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
ASPE	AMERICAN SOCIETY OF PLUMBING ENGINEERS
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
ASYNCH	ASYNCHRONOUS
AT&T	AMERICAN TELEPHONE & TELEGRAPH
ATC	AUTOMATIC TRAIN CONTROL
A/T/C	AUTOMATIC TEMPERATURE CONTROL
ATZ	ALL TRAINS BY ZONE
AUX	AUXILIARY
AVE	AVENUE
AVG	AVERAGE
AVI	AUTOMATIC VEHICLE IDENTIFICATION
AVM	ADD – FAIR VENDING MACHINE, ADD VALUE MACHINE
AWG	AMERICAN WIRE GAUGE
AWS	AMERICAN WELDING SOCIETY

B

BAT	BATTERY
BB	BEGIN BRIDGE
BC	BEGIN CURVE, BOTTOM OF CURB, BARE COPPER
BCL	BARE CEMENT LINED STEEL
BCR	BEGINNING OF CURB RETURN
BD	BOARD
BDD	BACK DRAFT DAMPER
BDPL	BITUMEN DIPPED PIPELINE
BEG	BEGIN
BETW	BETWEEN
BC–S	BACKFILL–SAND
BF–C	BACKFILL–CONCRETE
BFP	BACK FLOW PREVENTER
BK	BACK, BOOK
BKF	BACKFILL
BKR	BREAKER
BL	BLUE LIGHT STATION
BLDG	BUILDING
BLVD	BOULEVARD
BLCK	BLK
BLK'G	BLOCKING
BLS	BLUE LIGHT STATION
BM	BEAM
BOCA	BUILDING OFFICIALS AND CODE ADMINISTRATION
BOI	BARE OUTSIDE AND LINED STEEL
BOJ	BUILD ON JOB
BOT	BOTTOM
BOW	BACK OF WALK
BR	BRASS, BRIDGE
BIO	BIORETENTION AREA
BRG	BEARING
BRK	BREAK
BRKR	BREAKER
BRT	BUS RAPID TRANSIT
BSMT	BASEMENT
BSL	BUILDING SETBACK LINE
BTWN	BETWEEN
BTUH	BRITISH THERMAL UNITS PER HOUR
BVC	BEGIN VERTICAL CURVE
BW	BACK OF WALL, BOTTOM OF WALL, BOTH WAYS

C

C	CAUTION, CONDUIT
CALTRANS	CALIFORNIA DEPARTMENT OF TRANSPORTATION
CA	CABLE TELEVISION
CATV	CABLE TELEVISION
CAB	CABINET
CB	CONCRETE BARRIER
CC	CEMENT COATED STEEL
CCAS	CENTRAL CONTROL AUDIO SYSTEM
CCCL	CEMENT COATED CEMENT LINED STEEL
CCER	CENTRAL CONTROL EQUIPMENT ROOM
CCS	CENTRAL CONTROL SYSTEM
CCTV	CLOSED CIRCUIT TELEVISION
C/C, C–C	CENTER TO CENTER
CDF	CONTROLLED DENSITY FILL, COMBINED DISTRIBUTION FRAME
CEM	CEMENT
CEN	CENTER
CF–##	CCTV FIXED
CF	CUBIC FEET
CFC	CASSETTE FAN COIL
CFM	CONFORM
CG	CENTER OF GRAVITY
C&G	CURB & GUTTER
CHBK	CHANNEL BANK
CID	CARD INTERFACE DEVICE
CIDH	CAST IN DRILLED HOLE
CIP	CAST IN PLACE, CAST IRON PIPE
CIR	CIRCLE
CJ	CONSTRUCTION JOINT
CJB	COMMUNICATIONS JUNCTION BOX
CJP	COMPLETE JOINT PENETRATION
CK	CREEK
CKT	CIRCUIT
CL	CEMENT LINED, CHAIN LINK, CLASS
CLF	CHAIN LINK FENCE
CLG	CEILING
CLGD	CEILING DIFFUSER
CLGR	CEILING REGISTER
CLGS	CEILING SUPPORT
C/L, ℄	CENTER LINE
CLKG	CAULKING
CLR	CLEAR, CLEARANCE, CIRCUIT LAYOUT RECORD
CMP	CORRUGATED METAL PIPE
CMS	CHANGEABLE MESSAGE SIGN
CMU	CONCRETE MASONRY UNIT
CND	CONDUIT
CNTRL	CONTROLLER
CO	CLEAN OUT, CENTRAL OFFICE
COAX	COAXIAL CABLE
COL	COLUMN
COM	COMMUNICATIONS (CONDUIT)
COMM	COMMUNICATIONS
COMP	COMPOSITION
CON	CONTACT
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONT'D	CONTINUED
CONTR	CONTRACTOR, CONTROLLER
CP–##	CCTV PTZ
CP	CATHODIC PROTECTION
CPB	COMMUNICATION PULLBOX
CPL	CURED IN PLACE LINER
CPU	CENTRAL PROCESSING UNIT
CPUC	CALIFORNIA PUBLIC UTILITIES COMMISSION
C.R.	COMMUNICATIONS ROOM
CR	CREEK, CURB RAMP
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CRT	CATHODE RAY TUBE
CS	COMBINED SYSTEM POINT OF CHANGE FROM, CIRCULAR CURVE TO SPIRAL
CSD	COMBINED SYSTEMS DUCTBANK
CSJ	CITY OF SAN JOSE
CSP	COMMUNICATIONS SPECIALIST, CORRUGATED STEEL PIPE
CSS	COMMUNICATIONS SYSTEMS
CSU	CHANNEL SERVICE UNIT
CT	CERAMIC TILE, COURT, COURTESY TELEPHONE
CTC	COMMUNICATION TERMINAL CABINET
CTCSS	CONTINUOUS TONE CODED SQUELCH SYSTEM
CTD	COATED
CTL	COAL TAR LINED STEEL
CTP	CODED TRACK CIRCUIT PROCESSOR (SIGNALS)
CTRS	CENTERS
CTS	COMMUNICATION TRANSMISSION SYSTEM
CTSK	COUNTERSINK
CV	CONTROL VALVE
CW	CONTACT WIRE, COLD WATER
CWR	CONTINUOUS WELDED RAIL
CWT	COUNTERWEIGHT
CXR	CARRIER
CYL	CYLINDER

D

D	DEEP
DACS	DIGITAL ACCESS AND CROSS–CONNECT SYSTEM
DAS	DATA ACQUISITION SYSTEM
DB	DIRECT BURIED, DRY BULB, DECIBEL
DBA	DECIBELS, A SCALE
DBC	DIRECT BURIED CABLE
DBG	DISTANCE BETWEEN GUIDE RAILS
DBH	DIAMETER AT BREAST HEIGHT
DBL	DOUBLE
DC	DIRECT CURRENT, DISTRIBUTION CABINET, DOOR CONTACT
DCCL	DIPPED COATED CEMENT LINED (Organic Zinc)
DCIL	DUCTILE CAST IRON LINED
DE	DEAD END
DEG	DEGREE
DEH	DEAD END HITCH
DEPT	DEPARTMENT
DEST	DESTINATION
DET	DETAIL
DF	DIRECT FIXATION, DRINKING FOUNTAIN
DFK	DIPPED & FIBERGLASS KRAFT WRAPPED STEEL (Asphalt Coated)
DFE	DISTRICT FEEDING EQUIPMENT
DFM	DISTRIBUTION FEEDER MAIN, DISTRICT FEEDING MATERIAL
D/I	DROP & INSERT
DI	DRAINAGE INLET, DUCTILE IRON
DIA	DIAMETER
DIAG	DIAGONAL
DICL	DUCTILE IRON CEMENT LINED
DIM	DIMENSION
DIMS	DIMENSIONS
DIO	DISCRETE I/O (INPUT/OUTPUT)
DN	DOWN
DIP	DUCTILE IRON PIPE
DIR	DIRECTION
DISC	DISCONNECT
DISCONT	DISCONTINUOUS

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN019.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
ABBREVIATIONS - 1

SHEET	OF
DRAWING NO.	GN019
REVISION	C
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

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ABBREVIATIONS LIST

DISP	DISPENSER
DIST	DISTRIBUTION
DIV	DIVISION
DL	DEAD LOAD
DLC	LOOP DETECTOR LEAD IN CABLE (PROPOSED)
DLCE	LOOP DETECTOR LEAD IN CABLE (EXISTING)
DM	DELAY MONITOR
DMOD	DEMODULATE
DMP	DESIGNATED MATCHING PRODUCT
DN	DOWN
DNS	DIFFUSER NECK SIZE
DO	DITTO, DOOR OPENING
DP	DISTRIBUTION PANEL
DPO	DIAL PULSE–ORIGINATING
DPP	DIGITAL PATCH PANEL
DPT	DIAL PULSE–TERMINATING
DR	DOOR, DRIVE
DS0	DIGITAL SIGNAL LEVEL 0, 1 VOICE CHANNEL (64 KBPS)
DS1	DIGITAL SIGNAL LEVEL 0, 24 DOS (1.544 MBPS)
DS	DIPPED STEEL, DEVICE SERVER, DISCONNECT SWITCH
DSC	DISPOSABLE SEAT COVER
DSS	DESTINATION SIGN SYSTEM
DSU	DATA SERVICE UNIT
DSX	DIGITAL CROSS CONNECT PANEL
DTL	DETAIL
DVR	DIGITAL VIDEO RECORDER
DW	DIPPED WITH TAR
DWG	DRAWING
DWGS	DRAWINGS
DWR	DRIVER WAITING ROOM
DWY	DRIVEWAY

E

E	EAST, ELECTRIC
(E)	EXISTING
EA	EACH, EMERGENCY ALARM
Ea	ACTUAL SUPERELEVATION
EASEMT	EASEMENT
EB	EASTBOUND, END BRIDGE
EBP	EMERGENCY BACKUP PANEL
EC	END CURVE
ECR	END OF CURB RETURN
EIM	ETHERNET INVERSE MULTIPLEXER
EF	EACH FACE, EXHAUST FAN
E&H	ELDERLY AND HANDICAP
EJ	EXPANSION JOINT
EJB	EMERGENCY (POWER) JUNCTION BOX
EKSU	ELECTRONIC KEY SVC UNIT
EKTS	ELECTRONIC KEY TEL SYSTEM
EL	ELEVATION, ELEVATOR, ELECTRICAL DOOR STRIKE
ELEV	ELEVATION
ELEC	ELECTRIC, ELECTRICAL
ELP	EMERGENCY LIGHTING PANEL
ELS	ELEVATOR SCADA CABINET
ELSL	ELECTRIC SWITCH LOCK
E'LY	EASTERLY
EM	EMERGENCY
EMB	EMBANKMENT, EMBEDDED
EMS	ELECTRONIC MESSAGE SIGN
EMT	ELECTRICAL METALLIC TUBING
EM PNL	EMERGENCY PANEL
EM TRIP	EMERGENCY TRIP
ENCL	ENCLOSURE
ENET	ETHERNET
EOL	END OF LINE
EP	EDGE OF PAVEMENT, EMERGENCY POWER
EPB	EMERGENCY (POWER) PULL BOX
EQ	EQUAL
EQN	EQUATION
EQUIP	EQUIPMENT
ER	ELEVATOR ROOM
ES	EACH SIDE
ESA	ENVIRONMENTALLY SENSITIVE AREA
ESMT	EASEMENT
ESMU	ENVIRONMENTAL & SECURITY MONITORING UNIT
ESP	EXTERNAL STATIC PRESSURE
ESR	ELECTRICAL SERVICE ROOM
ET	EMERGENCY TELEPHONE
ETC	ETCETERA
ETS	ELECTRONIC TEST STATION, EMERGENCY TERMINAL SLOWDOWN, EMERGENCY TRIP STATION
ETCO	ETEL LINE CONSOLIDATOR
ETEL	EMERGENCY TELEPHONE
ETW	EDGE OF TRAVELLED WAY
EU	UNBALANCED SUPERELEVATION
EX	EXISTING
EXC	EXCAVATE
EXHA	EXHAUST FAN
EXIST	EXISTING
EXP	EXPANSION, EXPRESSWAY
EXPWY	EXPRESSWAY
EXPRWY	EXPRESSWAY
EXT	EXIT, EXTERIOR
EV	ELEVATOR EQUIPMENT ROOM
EV (A–D)	EMERGENCY VEHICLE (A–D)
EVC	END VERTICAL CURVE
EVP	EMERGENCY VEHICLE PRE–EMPTION (PROPOSED)
EVPE	EMERGENCY VEHICLE PRE–EMPTION (EXISTING)
EVR	EVENT RECORDER
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWEF	EACH WAY EACH FACE

F

F	FAHRENHEIT, FEEDER HOLE
FA	FIXED ANCHOR, FIRE ALARM
FAB	FABRICATED
FAC	FACILITY
FACP	FIREALARM AND CONTROL PANEL
FADP	FUSE ALARM AND DISTRIBUTION PANEL
FAF	FLUID APPLIED FLOORING
FAI	FRESH AIR INTAKE
FAX	FACSIMILE
FBB	FIBER BREAKOUT BOX
FC	FIRE HOSE & EXTINGUISHER CABINET
FCO	FLOOR CLEANOUT
FD	FOUND, FIRE DETECTOR, FLOOR DRAIN
FDAC	FULL DEPTH ASPHALT CONCRETE
FDC	FIRE DEPARTMENT CONNECTION
FDP	FIBER DISTRIBUTION PANEL
FDN	FOUNDATION
FDP	FIBER DISTRIBUTION PANEL
FDR	FEEDER
FE	FIRE EXTINGUISHER
FEP	FRONT END PROCESSOR
FF	FINISHED FLOOR
FG	FINISHED GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHD	FLAT HEAD
FHMB	FLAT HEAD MACHINE BOLT
FHMS	FLAT HEAD MACHINE SCREW
FI	FLASHING INLET
FIN	FINISH
FIX	FIXTURE
FK	FIBERGLASS–KRAFT WRAPPED (Asphalt Coated)
FKCL	FIBERGLASS–KRAFT WRAPPED–CEMENT LINED
FKCTC	FIBERGLASS–KRAFT WRAPPED & COAL TAR COATED
FL	FLOOR, FLOW LINE
FLASH	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FLEX/C	FLEXIBLE CONNECTION
FLX	FLEXIBLE (CONDUIT)
FM	FREQUENCY MODULATION
FMP	FIRE MANAGEMENT PANEL
FO	FIBER OPTIC CABLE
F/O	FRONT OPENING
FOC	FACE OF CURB, FIBER OPTIC CABLE
FOM	FIBER OPTIC MODEM
FOT	FIBER OPTIC TERMINAL
FPC	FIRE PROTECTION CABINET
FPM	FEET PER MINUTE
FPP	FIBER PATCH PANEL
FR GRD	FRAME GROUND
FRM'G	FRAMING
FRRC	FIRE–RADIO REMOTE CONTROL UNIT
FS	FIRE SERVICE, FINISHED SURFACE
FSK	FREQUENCY SHIFT KEYING
FT	FEET, FOOT
FT COMP	FAULT TOLERANT COMPUTER
FTG	FOOTING
FURN	FURNACE
FUT	FUTURE
F/V	FACE VELOCITY
FV	FIELD VERIFY
FXO	FOREIGN EXCHANGE, OFFICE END
FXS	FOREIGN EXCHANGE, STATION END

G

G	GAS (NATURAL), GROUND
GA	GAUGE
GAL	GALLON, GALLONS
GALV	GALVANIZED
GB	GRADE BREAK, GYPSUM BOARD
GBIC	GIGABIT ETHERNET INTERFACE CARD, GIGABIT INTERFACE CONVERTER
GBPS	GIGABIT PER SECOND
GEN	GENERATOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GG	GROOVE AND GRIP PIPE
GHZ	GIGAHERTZ
GI	GALVANIZED IRON
GIGE	GIGABIT ETHERNET
GL	GLASS
GLB	GLU–LAM BEAM
GLO	GEAR LUBE OIL
GM	GAS METER
GND	GROUND (ELECTRICAL)
GOV	GOVERNOR
GP	PLANNED GRADING PLANE
GPS	GLOBAL POSITIONING SYSTEM
GR	GRADE
GRD	GROUND
GRL	GRILLE
GRS	GALVANIZED RIGID STEEL
GT	GAS TRANSMISSION
GUI	GRAPHICAL USER INTERFACE
GYP	GYPSUM

H

H	HEIGHT, HORIZONTAL
HB	HOSE BIBB
HC	HOLLOWED CORE
H/C	HANDICAPPED
HCS	HEADQUARTERS COMPUTER SYSTEM – AFC
HD	HEAD
HDR	HEADER
HDWD	HARDWOOD
HF	HIGH FREQUENCY
HH	HANDHOLE
HHHB	HEXAGONAL HEAD MACHINE BOLT
HL	HEEL LENGTH OF FROG
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HOV	HIGH OCCUPANCY VEHICLE
HP	HIGH POINT, HEAT PUMP, HIGH PRESSURE, HINGE POINT, HORSE POWER
HR	HOUR
HS	HARDSCAPE, HIGH STRENGTH
HSG	HOUSING
HSS	HOLLOW STRUCTURAL SECTION
HSTWY	HOISTWAY
HT	HEIGHT, HEATER
HVAC	HEATING VENTILATION AIR CONDITIONING
HW	HARDWARE
HWH	HOT WATER HEATER
HWY	HIGHWAY
HYDR	HYDRAULIC
HZ	HERTZ

I

IADS	INTRUSION ALARM DOOR SWITCH
IC	INTERCOM
ID	INSIDE DIAMETER, IDENTIFICATION
IDF	INTERMEDIATE DISTRIBUTION FRAME
ID GEN	IDENTIFICATION GENERATOR
IDS	INTRUSION DETECTION SYSTEM
IDSS	INTRUSION DETECTION SYSTEM SENSOR
IDS "X"	INTRUSION DETECTION CABINET NO. "X"
IE	INVERT ELEVATION
I/E, IEE	INGRESS EGRESS EASEMENT
I/F	INTERFACE

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DRAWN	CADD FILE NAME
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EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
ABBREVIATIONS - 2

SHEET	OF
DRAWING NO.	GN020
REVISION	C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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ABBREVIATIONS LIST

IGBT	INSULATED GATE BIPOLAR TRANSDUCER
IJ	INSULATED JOINT
IMP	INSULATED MID-POINT
IN	INCH
IND	INDICATION
INST	INSTALL
INSTR	INSTRUCTION
INSUL	INSULATION
INT	INTERSECTION
INTFC	INTERFACE
INV	INVERT
I/O	INPUT/OUTPUT
IP	IRON PIPE, INTERNET PROTOCOL
IR	IN RUNNING
IRR	IRRIGATION
IS	INFORMATION SYSTEM
IT	TECHNOLOGY DEPARTMENT
ITC	INTERFACE TERMINAL CABINET
ITS	INTELLIGENT TRANSPORTATION SYSTEM

J

JAN	JANITOR
J-BOX	JUNCTION BOX
JP	JOINT POLE
J/S	JOULES PER SECOND
JNT	JOINT, JOINT TRENCH
JPB	PENINSULA CORRIDOR JOINT POWERS BOARD
JST	JOIST

K

K	KIPS – CURVE COEFFICIENT
KAIC	KILO-AMPERES INTERRUPTING CAPACITY
KBPS	KILOBITS PER SECOND
KCAL	KILOCALORIE
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
KHZ	KILOHERTZ
KIT	KITCHEN
KPa	KILOPASCAL
KSU	KEY SERVICE UNIT
KTS	KEY TELEPHONE SYSTEM
KTU	KEY TELEPHONE UNIT
KV	KILOVOLT
KVA	KILOVOLT-AMPERES
KVM	KEYBOARD, VIDEO, AND MOUSE
KW	KILOWATTS
KWH	KILOWATT HOUR

L

L	LENGTH
LAM	LAMINATE
LAN	LOCAL AREA NETWORK
LAV	LAVATORY
LB	POUNDS
LC	LENGTH OF CIRCULAR CURVE
LCD	LIQUID CRYSTAL DISPLAY
LDF	LOCAL DISTRIBUTION FRAME
LE	LANDSCAPE EASEMENT
LED	LIGHT-EMITTING DIODE
LF	LINEAR FEET
LG	LONG
LH	LEFT HAND
LH CURVE	TRACK CURVES TO THE LEFT IN THE DIRECTION OF INCREASED STATIONING
LL	LANE LINE
LMA	LUMINAIRE MAST ARM
LN	LANE
LO	LUGS ONLY
LOC	LOCATION
LOL	LAYOUT LINE
LONG	LONGITUDINAL
LP	LOW POINT, LOOP
LPS	LOW PRESSURE SODIUM
LRT	LIGHT RAIL TRANSIT
LRU	LOWEST REPLACEABLE UNIT
LRV	LIGHT RAIL VEHICLE
LS	LENGTH OF SPIRAL, LUMP SUM, LANDSCAPE
LSCAPE	LANDSCAPE
LSE	LANDSCAPE EASEMENT
LSS	LIMIT OF STRUCTURAL SECTION
LT	LEFT, LIGHT
Lt	LEFT
LTG(S)	LIGHT(S), LIGHTING
LV	LOW VOLTAGE
LVC	LENGTH OF VERTICAL CURVE
LVL	LEVEL
LWSI	LIGHT WEIGHT SHEET IRON

M

MA	MAST ARM, MILLIAMPERE
MACH	MACHINE
MAINT	MAINTENANCE
MAT'L	MATERIAL
MAU	MAKE UP AIR UNIT
MAX	MAXIMUM
MB	MACHINE BOLT
MBGR	METAL BEAM GUARD RAIL
MBPS	MEGABIT PER SECOND
MC	MEDIA CONVERTER, MULTI-COUPLER
MDF	MAIN DISTRIBUTION FRAME
ME	MAINTENANCE EASEMENT
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MG	MOTOR-GENERATOR
MGS	MIDWEST GUARDRAIL SYSTEM
MH	MANHOLE
MHZ	MEGAHERTZ
MI	MOBILITY IMPAIRED
MIC	MICROPHONE
MIN	MINIMUM
MIS	MANAGEMENT INFORMATION SYSTEM
MISC	MISCELLANEOUS
MLO	MAIN LUG ONLY
MM	MULTIMODE (FIBER OPTIC CABLE)
MOD	MODIFIED
MON	MONUMENT, MONITOR
MOW	MAINTENANCE OF WAY
MPa	MEGAPASCAL
MPF	MOVEABLE POINT FROG
MPH	MILES PER HOUR
MPOE	MAIN POINT OF ENTRY
MR	MOVEMENT RATING
MRL	MACHINE-ROOM-LESS
MS	MACHINE SCREW
MSG	MESSAGE
MSE	MECHANICALLY STABILIZED EARTH
MT	CONDUIT WITH PULL WIRE OR ROPE MAINTENANCE TELEPHONE
MTB	MAINTENANCE TELEPHONE BRIDGE
MTD	MOUNTED
MTJ	MAINTENANCE TELEPHONE JACK
MTL	METAL
MTS	MAINTENANCE TELEPHONE SET
MTU	MAINTENANCE TELEPHONE UNIT
MUX	MULTIPLEX
MVP	MAINTENANCE VEHICLE PULLOUT
MW	MESSENGER WIRE

N

N	NORTH
(N)	NEW
NA, N/A	NOT APPLICABLE
NAT	NATURAL
NB	NORTHBOUND
NC	NETWORK CARD, NORMALLY CLOSED
NE	NORTHEAST
NEC	NATIONAL ELECTRICAL CODE
NEG	NEGATIVE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NE'LY	NORTHEASTERLY
NEUT	NEUTRAL
NFPA	NATIONAL FIRE PROTECTION AGENCY
NGVD	NATIONAL GEODETIC VERTICAL DATUM
NIC	NOT IN CONTRACT, NETWORK INTERFACE CARD
NIEC	NOT IN ELEVATOR CONTRACT
NIT	NITROGEN PIPE
N'LY	NORTHERLY
NM	AMBIENT NOISE MICROPHONE
NMS	NETWORK MANAGEMENT SYSTEM
NNE	NORTH NORTHEAST
No., NO.	NUMBER
N/O	NORTH OF
NO	NORMALLY OPEN
NOM	NOMINAL
NP	NORMAL POWER
NRCS	NATURAL RESOURCES CONSERVATION SERVICE
NTS	NOT TO SCALE
NVP	NON-VITAL PROCESSOR
NW'LY	NORTHWESTERLY

O

O&M	OPERATIONS & MAINTENANCE
OA	OVERALL
OA	OUTSIDE AIR
OC	ON CENTER, OVERCROSSING
OC-3	SONET OPTICAL CARRIER LEVEL 3 SIGNAL (155.52 Mbps)
OC-12	SONET OPTICAL CARRIER LEVEL 12 SIGNAL (622.08 Mbps)
OC-48	SONET OPTICAL CARRIER LEVEL 48 SIGNAL (2,488 Mbps)
OCC	OPERATIONS CONTROL CENTER
OCI	51.84 MB/S OPTICAL CARRIER
OCS	OVERHEAD CONTACT SYSTEM
OD	OUTSIDE DIAMETER
OFS	OUTSIDE FACE OF STUD
OFSH	OUTSIDE FACE OF SHEETING
OG	ORIGINAL GROUND
OGAC	OPEN GRADED ASPHALT CONCRETE
OH	OPPOSITE HAND, OVERHEAD
OHE	OVERHEAD ELECTRICAL EASEMENT
OP	OPERATOR, OVERPASS
OPG, OPNG	OPENING
OPP	OPPOSITE
OPT	OPTIONAL
OSP	OUTSIDE PLANT
OSP MM	OUTSIDE PLANT MULTI-MODE
OPX	OFF-PREMISE EXTENSION
OPS	OPERATIONS SUPPORT, OPERATIONS
OS	OPERATING SYSTEM
OVHD	OVERHEAD

P

P	PAINTED, PEDESTRIAN, POLE, PROTECT, POWER SWITCH MACHINE
PA	PUBLIC ADDRESS, PLANTING AREA
PABX	PRIVATE AUTOMATIC BRANCH EXCHANGE
PAC	PROGRAMMABLE AUTOMATION CONTROLLER
PAC BELL	PACIFIC BELL
PB	PULLBOX
PC	POINT OF CURVATURE, PRECAST, PIECE, PERSONAL COMPUTER
PCC	POINT OF COMPOUND CURVATURE, PORTLAND CEMENT CONCRETE
PCGRS	POLYVINYL CHLORIDE COATED GALVANIZED RIGID STEEL
PCM	PULSE CODE MODIFICATION
PDAC	PUBLIC ADDRESS DIGITAL TO ANALOG CONVERTER
PDU	POWER DISTRIBUTION UNIT
PE	POLYETHYLENE PIPE
PEC	PERMIT TO ENTER AND CONSTRUCT
PED	PEDESTRIAN
PERF	PERFORATED
PET	PROTECTED ENTRANCE TERMINAL
PEU	PHOTOELECTRIC UNIT (PROPOSED)
PEUE	PHOTOELECTRIC UNIT (EXISTING)
PF	POINT OF FROG
PG&E	PACIFIC GAS AND ELECTRIC
PGEE	PACIFIC GAS AND ELECTRIC EASEMENT
PGL	PACIFIC GRADE LINE
PH	PHASE
PI	POINT OF INTERSECTION
PIM	PASSENGER INFORMATION MONITOR
PITO	POINT OF INTERSECTION OF TURNOUT
PIVC	POINT OF INTERSECTION OF VERTICAL CURVE
PJB	(NORMAL) POWER JUNCTION BOX
PK	POWER (NORMAL) CONDUIT
PL, ℙ	PLACE, PLASTIC PIPE, PLATE
P/L	PROPERTY LINE
PLAS	PLASTER
PLB	PLUMBING
PLC	PROGRAMMABLE LOGIC CONTROLLER
PLL	PHASE LOCKED LOOP

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EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
ABBREVIATIONS - 3

SHEET	OF
DRAWING NO.	GN021
REVISION	C
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HERN Jun 29, 2020 - 6:28pm C:\cadd\lx\pw\ahernandez\west\dms98389\801GN021.dwg

ABBREVIATIONS LIST

PLF, PLTFM	PLATFORM
PLY	PLYWOOD
PLB	PERMEABLE MATERIAL
PLL	PHASE LOCKED LOOP
P/O	PART OF
PM	PERMEABLE MATERIAL
PNL	PANEL
POC	PEDESTRIAN OVERCROSSING, POINT OF CIRCULAR CURVE, POINT OF CONNECTION
POCE	POINT OF CONNECTION EAST
POCW	POINT OF CONNECTION WEST
POE	POWER OVER ETHERNET
POS	POSITIVE
POS'N	POSITION
POT	POINT ON TANGENT
PP	POWER PANEL
PPBE	PEDESTRIAN PUSH BUTTON (EXISTING)
PPBP	PEDESTRIAN PUSH BUTTON (PROPOSED)
PPM	PARTS PER MILLION
PPN	POWER PANEL NORMAL
PPP	PERFORATED PLASTIC PIPE
PR	PAIR
PRC	POINT OF REVERSE CIRCULAR CURVE
PREFAB	PREFABRICATED
PRELIM	PRELIMINARY
PROJ	PROJECTION
PROP	PROPOSED
PROT	PROTECTOR, PROTECTION
PROT BLK	PROTECTION BLOCK
PRVC	POINT OF REVERSE VERTICAL CURVE
PS	POINT OF SERVICE, POINT OF SWITCH, PRESTRESS, PICO SECOND
P.S.	POWER SUPPLY
P/S	PRESTRESS
P&S	POWER AND SUPPORT
PSDE	PRIVATE STORM DRAIN EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PS/L	PROTECTOR SHELF/BLOCK
PSTN	PUBLIC SWITCHED TELEPHONE NETWORK
PSUE	PUBLIC SERVICE UTILITY EASEMENT
PT	POINT, POINT OF TANGENCY, PETROLEUM PRODUCTS (Fuel, oil)
PTB	PROTECTED TERMINAL BLOCK
PTT	PACIFIC TELEPHONE AND TELEGRAPH, PUSH TO TALK
PTFE	POLYTETRAFLUOROETHYLENE
PTTE	PACIFIC TELEPHONE AND TELEGRAPH EASEMENT
PTZ	PLAN, TILT AND ZOOM
PUZ	PEDESTRIAN UNDERCROSSING
PUD	PERFORATED UNDERDRAIN
PUE	PUBLIC UTILITY EASEMENT
PVC	POINT OF VERTICAL CURVE
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENCY
P&W	POWER & WAY
PWR	POWER

Q

QTY	QUANTITY

R

R	RADIUS, RISER, RELOCATE, RECEIVE
(R)	REMOVE
R1	RING 1
R/A	RELEASE/ADVANCE, RELOCATE AND ADJUST TO GRADE
RA	RETURN AIR
RAD	RADIUS, RADIO EQUIPMENT
RAID	REDUNDANT ARRAY OF INDEPENDENT DISKS
RAM	RANDOM ACCESS MEMORY
RAR	RETURN AIR REGISTER
RC	REINFORCED CONCRETE, RELAY CASE
Rc	CURVE RADIUS
R/C	RATE OF CHANGE OF CIRCULAR CURVE
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RCV	REMOTE CONTROL VALVE, RECEIVE
RD	ROAD
RDWY	ROADWAY
RE	RIM ELEVATION
REC	RECORD, RECORDER
RECPT	RECEPTACLE
REF	REFER TO, REFERENCE, REFLECTED
REINF	REINFORCED, REINFORCEMENT
REL	RELOCATED
REM	REMOVE
REQ	REQUIRED
REQ'D	REQUIRED
RET	RETAINING, RETURN
REV	REVISION
REX	REQUEST TO EXIT
RF	RADIO FREQUENCY
RGS	RIGID GALVANIZED STEEL
RGU	RING GENERATED UNIT
RH	RIGHT HAND
RH CURVE	TRACK CURVES TO THE RIGHT IN THE DIRECTION OF INCREASING STATIONING
RIM	RIM ELEVATION
RL	REFERENCE LINE
RLL	RAIN LEADER
RM	ROOM
RO	REAR OPENING, ROUGH OPENING
ROM	READ ONLY MEMORY
ROW	RIGHT-OF-WAY
RPM	REVOLUTIONS PER MINUTE
RPTR	REPEATER
RR	RAILROAD
RS	RIVETED STEEL PIPE
RS-232	ELECTRICAL STANDARD FOR BALANCED VOLTAGE DIGITAL CIRCUITS
RS-422	ELECTRICAL STANDARD FOR BALANCED VOLTAGE DIGITAL CIRCUITS
RS-485	STANDARD FOR DATA COMMUNICATIONS OVER MULTI-POINT CIRCUITS
RS-488	STANDARD FOR DATA COMMUNICATION EQUIPMENT
RS-530	MECHANICAL/ELECTRICAL INTERFACE FOR BALANCED VOLTAGE DIGITAL CIRCUITS
RSVD	RESERVED
RT, Rt	RIGHT
RTE	ROUTE
RTR	ROUTER
RTU	REPORT TERMINAL UNIT, REMOTE TERMINAL UNIT
RT/U	ROOF TOP UNITS
RW	RETAINING WALL
RWL	RAIN WATER LEADER
RWLOL	RETAINING WALL LAYOUT LINE
R/W	RIGHT-OF-WAY
RX	RECEIVE

S

S	SALVAGE ,SLOPE, SOUTH
S1	SIGNAL 1
S2	SIGNAL 2
SA	SUPPLY AIR, SURGE ARRESTER
SAF	SUPPLY AIR FAN
SAN	SANITARY
SAP	SPRINKLER ALARM PANEL
SAT REC	SATELLITE RECEIVER
SAV	STAND ALONE VALIDATOR
SB	SOUTHBOUND, SPLICE BOX, STANDARD BLACK
SBC	SBC COMMUNICATIONS INC.
S/C	SAWCUT & CONFORM
SC	POINT OF CHANGE FROM SPIRAL TO CIRCULAR CURVE, SOLID CORE, SIGNAL CASE, FIBER OPTIC CONNECTOR
SCADA	SUPERVISORY CONTROL AND DATA ACQUISITION
SCAT	SIMPLE CATENARY AUTO TENSIONED
SCC	SANTA CLARA COUNTY
SCD	SEE CIVIL DRAWINGS
SCH,SCHED	SCHEDULE
SCL	COUNTY OF SANTA CLARA
SCR	SILICON CONTROLLED RECTIFIER
SCU	STATION CONTROL UNIT
SCVWD	SANTA CLARA VALLEY WATER DISTRICT
SCW	SINGLE CONTACT WIRE
SD	STORM DRAIN
S/D	SPLITTER DAMPER
SDCB	STORM DRAIN CATCH BASIN
SDE	STORM DRAIN EASEMENT
SDMH	STORM DRAIN MANHOLE
SDT	SMOKE DETECTION
SE	SOUTHEAST
SEC	SECONDARY, SECOND
SECT	SECTION
SEL	SELECT, SELECT AUDIO
SERV	SERVICE
SEW	SEWER
SF	SQUARE FEET, TRAFFIC SIGNAL FOUNDATION
SFP	SMALL FORM FACTOR PLUGGABLE TRANSCEIVER
SG	STANDARD BLACK (Galvanized Coating)
SH	SHELF, SIGNAL HOUSE
SHD	SHOWER DRAIN
SHLD	SHOULDER
SHR	SHEAR
SHT	SHEET
SHT'G	SHEATHING
SHWR	SHOWER
SI	SECTION INSULATOR, SHEET IRON PIPE
S&I	SERVICE AND INSPECTION
SIC	SIGNAL INTERCONNECT CABLE (PROPOSED)
SICE	SIGNAL INTERCONNECT CABLE (EXISTING)
SID'G	SIDING
SM	SINGLE MODE, SINGLE MODE FIBER
SIG	SIGNAL, WAYSIDE COLOR LIGHT SIGNAL
SIM	SIMILAR
SJ	CITY OF SAN JOSE
SJMC	SAN JOSE MUNICIPAL CODE
SJW	SAN JOSE WATER
SJWC	SAN JOSE WATER COMPANY
SJWW	SAN JOSE WATER WORKS
SL	SLEEVE, STREETLIGHT
S'LY	SOUTHERLY
SM	SINGLE MODE, SQUARE METERS
SMA	SIGNAL MAST ARM
SMACNA	SHEET METAL & AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION INC
SMD	SEE MECHANICAL DRAWINGS
SMU	SIGNAL MONITORING UNIT (EVENT RECORDER)
SNMP	SIMPLE NETWORK MANAGEMENT PROTOCOL
SOM	SOMASTIC COATED STEEL
SOMCL	SOMASTIC COATED AND LINED STEEL
SONET	SYNCHRONOUS OPTICAL NETWORK
SP	SPLICE, SPARE, STATIC, SIGNAL PROCESSOR
SPDT	SINGLE POLE DOUBLE THROW
SPEC	SPECIFICATIONS
SPK	SPEAKER
SPG	SPACING
SPR	SPRINKLER
SPKR	SPEAKER
SQ	SQUARE
SR	SIGNAL ROOM
ST	AT&T TRADEMARK FOR FIBER OPTIC CONNECTION
SRA	SELF RETAINING AREA
SS	SUBSTATION, SPIRAL, SANITARY SEWER
	POINT OF CHANGE FROM SPIRAL TO ANOTHER STANDARD SCREW PIPE, STAINLESS STEEL
S&S	SATURDAY & SUNDAY
SSBM	STRAP AND SADDLE BRACKET METHOD
SSC	SPIRAL TO SPIRAL AT CURVE POINT
SSD	SEE STRUCTURAL DRAWINGS
SSE	SANITARY SEWER EASEMENT
SSFH	STAINLESS STEEL FLAT HEAD
SSMH	SANITARY SEWER MANHOLE
SST	SPIRAL TO SPIRAL AT TANGENT POINT
ST	STREET, POINT OF CHANGE FROM SPIRAL TO TANGENT, STAIRS
STA	STATION
STBY	STANDBY
STD	STANDARD
STL	STEEL
STP	SHIELDED TWISTED PAIR
STR	STRANDED, STRUCTURAL
STRUCT	STRUCTURE, STRUCTURAL
STW	SPECIAL TRACKWORK
SUB FL	SUB-FLOOR
SUSP	SUSPENDED
SVC	SERVICE
SYM	SYMMETRICAL
SW	SIDEWALK, SOUTHWEST, SWITCH
S/W	SOFTWARE
SVR	SERVER
SWAT	SINGLE WIRE AUTO TENSIONED
SWGR	SWITCHGEAR
SYM	SYMMETRICAL
SYNCH	SYNCHRONIZER, SYNCHRONIZATION
SYS	SYSTEM

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN022.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
ABBREVIATIONS - 4

SHEET	OF
DRAWING NO.	GN022
REVISION	C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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ABBREVIATIONS LIST

T	
T	TEMPERATURE SWITCH (THERMOSTAT), TOP, TIP, THREAD, TREAD, TRANSMIT
T1	TIP 1 OR T1 CARRIER
T2	TIP 2
TA	TRUNK AMPLIFIER
TB	TOP OF BARRIER, TERMINAL BOARD OR BLOCK
T&B	TOP & BOTTOM
TBD	TO BE DETERMINED
TBR	TO BE REMOVED
T/C	TRAIN CONTROL
TC	TOP OF CURB, TRAFFIC CONTROLLER
TCC	TRAIN CONTROLLER
TCE	TEMPORARY CONSTRUCTION EASEMENT
TCH	TRAIN CONTROL HOUSE
TCP/IP	TRANSMISSION CONTROL PROTOCOL/INTERNET PROTOCOL
TCR	TRAIN CONTROL ROOM
TDA	TIRE DERIVED AGGREGATE
TDH	TOTAL DYNAMIC HEAD
TDS	TRANSLINK DATA SERVER (NOW CLIPPER)
TE	TREE EASEMENT
TEL	TELEPHONE
TEMP	TEMPERATURE, TEMPORARY
TERM	TERMINAL
TES	TRACTION ELECTRIFICATION SYSTEM
TG	TOP OF GRATE
T&G	TONGUE AND GROOVE
TH	TOP OF HEADER
THEO	THEORETICAL
THK	THICK
THRU	THROUGH
THWN	THERMOPLASTIC HIGH WATER-RESISTANT NYLON COATED
TL	TOE LENGTH OF FROG, TRAFFIC LOOP
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TO.	TURNOUT, TOP OF
TOB	TOP OF BANK
TOC	TOP OF CONCRETE, TOP OF CURB
TOM	TOP OF MANHOLE
TOP	TOP OF PLATE
TOPO	TOPOGRAPHY
TOT	TOTAL
TOR,T/R	TOP OF RAIL
TP	TOP OF PAVEMENT
TPB	TELEPHONE PULL BOX
TPD	TOILET PAPER DISPENSER
TPSS	TRACTION POWER SUBSTATION
TR	TO REMAIN
TRANS	TRANSMISSION
TRK	TRACK
TS	POINT OF CHANGE FROM TANGENT TO SPIRAL, TRAFFIC SIGNAL, TUBE STEEL
TSP	TUBULAR STEEL POLE
TT	TRANSITION TAPER, TELEPHONE TRUNK & TOLL, TRANSFER TRIP
TTRIP	TRANSFER TRIP
TV	TELEVISION
TVM	TICKET VENDING MACHINE
TW	TOP OF WALL, TRAVELED WAY
T/W	TOP OF WALL
TWC	TRAIN TO WAYSIDE COMMUNICATION
TWL	TRAIN TO WAYSIDE LOOP
TWP	TWISTED PAIR
TWR	TOWER
TYP	TYPICAL
TX	TRANSMIT
T3	TRACK DESIGNATION FOR THE TAIL TRACK AT EASTRIDGE STATION
U	
U	UNBALANCED SUPER-ELEVATION
UBC	UNIFORM BUILDING CODE
UC	UNDER CROSSING
UD	UNDERDRAIN
UE	UTILITY EASEMENT
UG	UNDERGROUND
UH	UNIT HEATER
UHF	ULTRA HIGH FREQUENCY
UL	UNDERWRITERS LABORATORIES
UMC	UNIFORM MECHANICAL CODE
UNSEL	UNSELECT AUDIO
UNFIN	UNFINISHED
UNK	UNKNOWN
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
UP	UNDERPASS
UPRR	UNION PACIFIC RAILROAD
UPS	UNINTERRUPTIBLE POWER SUPPLY
UR	URINAL
U/S	UNDERSIDE
UTP	UNSHIELDED TWISTED PAIN
V	
V	VALVE, VELOCITY, VERTICAL, VOLTS
VA	VOLT-AMPERE
VAC	VOLT ALTERNATING CURRENT
VAR	VARIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
VCT	VINYL COMPOSITION TILE
VD	VOLUME DAMPER
VDA	VIDEO DISTRIBUTION AMPLIFIER
VDC	VOLTS DIRECT CURRENT
VDT	VIDEO DISPLAY TERMINAL
VDU	VIDEO DISPLAY UNIT
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VF	VOICE FREQUENCY
VHLC	VITAL HARMON LOGIC CONTROLLER
VIC	VEHICLE INFORMATION CLERK
VIF	VERIFY IN FIELD
VIT	VITREOUS
VM	VOLTMETER
VMB	VISUAL MESSAGE BOARD
VOIP	VOICE OVER INTERNET PROTOCOL
VP	VITAL PROCESSOR (SIGNALS)
VPI	VITAL PROCESSOR INTERLOCKING, VITAL PROCESSOR INTERFACE
VSF	SCREW-IN TYPE PROTECTED TERMINAL BLOCK
VTA	VALLEY TRANSPORTATION AUTHORITY
W	
W	WATER, WATTS, WEST, WIDE, WIDTH
WSE	WATER SERVICE EASEMENT
WT	WATER TRANSMISSION, WIDTH
WV	WATER VALVE
WW	WING WALL, WIRE WAY
WWF	WELDED WIRE FABRIC
WWLOL	WINGWALL LAYOUT LINE
W/	WITH
WAN	WIDE AREA NETWORK
WAO	WORK AREA OUTLET
WB	WESTBOUND
WBO	WORK BY OTHERS
WC	WATER CLOSET
WCDR	WALL CLEANOUT
WCE	WIRE CLEARANCE EASEMENT
WD	WOOD
WDW	WINDOW
WG	WAVE GUIDE
WH	WATER HEATER, WEEP HOLE
WHA	WATER HAMMER ARRESTER
WI	WROUGHT IRON PIPE
WL	WATER LINE
WM	WATER METER
WO	WASTE OIL
W/O	WEST OF, WITHOUT
WP	WEATHER PROOF, WORK POINT
WS	WRAPPED STEEL PIPE, WEATHER STRIPPING, WOOD SCREW
W/S	WORKSTATION
WSCL	WRAPPED STEEL PIPE CONCRETE LINED
X	
XC	CROSSING CASE
XCONN	CROSS CONNECT
XFMR	TRANSFORMER
XH	CROSSING HOUSE
XING	HIGHWAY GRADE CROSSING
X-ING	CROSSING
XMTR	TRANSMITTER
X-OVER	CROSSOVER
X/O	CROSSOVER
Y	
YD	YARD
YMF	YOUNGER MAINTENANCE FACILITY
MISC	
2W	2 WIRE
4W	4 WIRE
@	AT
&	AND
Δd	CENTRAL ANGLE OF CIRCULAR CURVE OF LENGTH Lc
θ_c	CURVE ANGLE
θ_s	CENTRAL ANGLE OF SPIRAL ARC Ls
ø	DIAMETER
#	NUMBER POUNDS
°	DEGREES

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARDI — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN023.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
ABBREVIATIONS - 5

SHEET	OF
DRAWING NO.	GN023
REVISION	C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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LEGEND

- ABANDONED SYSTEM
- BARRIER RAIL
- BY OTHER DISCIPLINES
- CABLE TV
- CABLE TV SYSTEM
- CHAIN LINK FENCE
- COLD JOINT
- COMMUNICATION CONDUIT CONCEALED
- CONDUIT, TRAFFIC SIGNAL INTERCONNECT
- CONDUITS BY OTHERS OR EXISTING
- CONCRETE DITCH
- CONCRETE HEADER
- CONCRETE PROTECTION
- CONDUIT RUN
- CS TROUGH
- CSD (COMBINED SYSTEM DUCT) – CONCRETE ENCASED
- CSD REINFORCED CONCRETE ENCASED
- CONDUIT RUN, CSJ
- CURB
- CURB & GUTTER
- DRAINAGE DITCH (UNLINED)
- EASEMENT
- ELECTRICAL
- ELECTRICAL SYSTEM
- ELECTRIC TRANSMISSION
- CSD, EXISTING
- ELECTRICAL SERVICE CONCEALED
- EXISTING
- EXISTING COPPER WIRE/CAT 6
- EXISTING FIBER OPTIC CABLE
- EXISTING TO BE REMOVED
- EXISTING ABANDONED SYSTEM
- EXISTING CONDUIT
- EXISTING EQUIPMENT TO BE REMOVED
- CONDUIT RUN, EXISTING CSJ
- EXISTING EASEMENT
- EXISTING REMOVED SYSTEM
- EXISTING RIGHT OF WAY
- EXISTING STORM DRAIN SYSTEM
- EXISTING TRAFFIC SIGNAL CONDUIT
- EXPANSION JOINT
- FENCE
- FIBER ROLLS
- FLEXIBLE CONDUIT
- GAS DISTRIBUTION
- GAS TRANSMISSION
- GRADED DITCH
- GRINDLINE
- GUARD RAIL
- HEADER WALL WITH CL RAILING
- INDEX CONTOUR
- IRRIGATION SYSTEM
- JOINT TRENCH, EXISTING
- JOINT TRENCH
- K–RAIL
- LIQUID FUEL SYSTEM
- LOT LINE / PROPERTY LINE
- LOW BARRIER FENCE
- MEDIAN FENCE
- NATURAL GAS SYSTEM
- NEW
- NEW COPPER WIRE/CAT 6
- NEW FIBER OPTIC CABLE
- NEW FIBER OPTIC CABLE
- OVERHEAD UTILITY
- OVERHEAD CABLE TV
- OVERHEAD CABLE TV, TELEPHONE
- OVERHEAD ELECTRIC
- OVERHEAD ELECTRIC, CABLE TV
- OVERHEAD ELECTRIC CABLE TV, TELEPHONE
- OVERHEAD ELECTRIC, TELEPHONE
- OVERHEAD ELECTRIC TRANSMISSION
- OVERHEAD TELEPHONE
- OVERLAND FLOW DIRECTION
- PERIMETER FENCE
- POWER CONDUIT CONCEALED
- RACEWAY CONCEALED IN FLOOR, WALL, CEILING OR BELOW GRADE
- REMOVE EXISTING CL FENCE
- REMOVE EXISTING CURB AND GUTTER
- REMOVE EXISTING CURB/HEADER
- REMOVED SYSTEM
- RETAINING WALL (LOL)
- RETAINING WALL (E)
- RIGHT OF WAY
- SANITARY SEWER SYSTEM
- SCORE JOINT
- SJ TYPE IV BARRIER
- STAINLESS STEEL STRIP
- STORM DRAIN
- STORM DRAIN
- STREET LIGHT
- SANITARY SEWER
- SAWCUT LINE
- STORM DRAIN SYSTEM
- TEMPORARY CONSTRUCTION EASEMENT
- TEMPORARY FENCE
- TRAFFIC BARRIER (E)
- CONDUIT, TELEPHONE EXISTING
- CONDUIT, TELEPHONE
- CONCRETE BARRIER
- TYPE II PEDESTRIAN BARRICADE
- UNDERDRAIN
- CONDUIT, UNDERGROUND AS NOTED IN THE PLANS
- UTILITY PIPELINE VALVE
- WATER LINE

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARDI — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
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Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
LEGEND - 1

SHEET	OF
DRAWING NO.	GN024
REVISION	C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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LEGEND

15+00 "A"–2 — 15+00 ELECTROLIER LOCATED AT STATION NUMBER; "A"–2 PANEL "A" CIRCUIT 2

3–PHASE FUSE ISOLATOR

3–PHASE THERMAL OVERLOAD

1 — 16" AC (FULL DEPTH) (TYPE A)

2 — 10" AC (TYPE A) & 375 mm AB CL 3

3 — 14" AC (FULL DEPTH) (TYPE A)

— AC PAVEMENT STRUCTURAL SECTION. (SEE TYPICAL ROADWAY SECTIONS)

AB — ABANDON IF APPLIED TO CONDUIT REMOVE CONDUCTORS

ADVANCED PROCESSING CONTROLLER

ALIGN

A — AMMETER

AS — AMMETER SWITCH

R — AUXILIARY SWITCH

BATTERY

BATTERY LIGHTING UNIT (EMERGENCY) AT +96 AFF

BENCH TYPE 1

BENCH TYPE 2A

BENCH TYPE 2B

BENCH TYPE 2C

BIKE LOCKERS

BIKE RACKS

BOLLARD

G — GROUND BUS

N — NEUTRAL BUS

CABLE TERMINATION

© — CATHODIC PROTECTION

CANTILEVER MAST ARM

CANTILEVER MAST ARM (E)

CATCH BASIN

CATCH BASIN (E)

CCTV CAMERA LOCATION (NIC)

CCTV CAMERA

CCTV CAMERA WITH PAN TILT ZOOM

20A/3P — CIRCUIT BREAKER (RATING & No. OF POLES AS INDICATED)

CENTER POINT

CITY OF SAN JOSE FLAT GRATE INLET

CITY OF SAN JOSE HOODED INLET

CITY OF SAN JOSE MANHOLE

CIRCUIT BREAKER

CLEANOUT

C OR C — COMMUNICATION SYSTEM PULL BOX OR MANHOLE – SEE ADJACENT SYMBOL FOR TYPE – (TYPE 'C' SHOWN)

100 — CONDUIT IDENTIFICATION. NUMBER DENOTES CONDUIT NUMBER

CONDUIT RISER

EXISTING CONDUIT RISER

3 — CONDUIT RUN NUMBER

CONDUIT TERMINATION

CONDUIT TURNED DOWN

CONDUIT TURNED UP AND CAPPED

CONCRETE PULLBOX, STATE #3 1/2 UON

R — CONDUIT RISER

CONDUIT TURNED–UP

CC — CONNECT NEW & EXIST CONDUIT. REMOVE CONDUCTORS AS INDICATED

CB — INSTALL CONDUIT INTO EXIST PULL BOX

BC — INSTALL PULL BOX IN EXIST CONDUIT

2 — CONSTRUCTION NOTE NUMBER

CLASS 'T' PULL OUT

CREEK

P — PULL BOX, CS POWER

TE–XXX–PB — PULL BOX, TE INDICATES TRACTION ELECTRIFICATION XXX INDICATES PULL BOX No.

C — PULL BOX, CS COMMUNICATIONS

CS–XXX–PB — CS INDICATES COMMUNICATION & SIGNAL PULL BOX XXX INDICATES PULL BOX No.

PULL BOX, CSJ #3 1/2 UON

B — CURB RETURN IDENTIFICATION LETTER

DRIVEWAY

DETAIL 1 XXXXX — INDICATES SECTION A OR DETAIL No. 1; DWG No. XXXXX (WHERE INDICATED OR SHOWN)

D — DEMAND METER

PROPOSED EMERGENCY VEHICLE PRE–EMPTION

DETECTOR INSTALLED ON SIGNAL HEAD

DIRECTION OF FLOW

DIRECTION OF FLOW

1 — DRAINAGE SYSTEM No./ SANITARY SEWER SYSTEM No.

a — DRAINAGE UNIT No.

DRAINAGE INLET ON STRUCTURE

ELECTRIC HANDHOLE

ELECTRIC MANHOLE

ELECTRIC SWITCH BOX

ELECTROLIER, EASTRIDGE LOOP ROAD

ELECTROLIER

ELECTROLIER, EXISTING

ELECTROLIER, DOUBLE

ELECTROLIER WITH (1) LIGHT FIXTURE

ELECTROLIER WITH (1) LIGHT FIXTURE

ELECTROLIER WITH (2) LIGHT FIXTURES

ELECTRICAL EQUIPMENT

EMH — ELECTRICAL MANHOLE

EPB — ELECTRICAL PULL BOX

RC — EQUIPMENT TO BE REMOVED AND BECOME PROPERTY OF THE CONTRACTOR

PULL BOX, EXISTING CSJ #3 1/2 UON

ELECTROLIER, EXISTING

ELECTROLIER, EXISTING WITH (1) LIGHT FIXTURE

ELECTROLIER, EXISTING WITH (2) LIGHT FIXTURES

ELECTROLIER, EXISTING WITH (2) LIGHT FIXTURES

EMERGENCY INFO PHONE

RM — EXISTING SIGN TO REMAIN

EXISTING STORM DRAIN MANHOLE

EXISTING STORM DRAIN INLET

EXISTING STORM DRAIN FIELD INLET

EXISTING SYSTEM TO BE ABANDONED

EXISTING SYSTEM TO BE REMOVED

EXOTHERMIC CONNECTION

EXOTHERMIC WELD

V — PULLBOX, FIBER OPTIC NOMINAL INSIDE DIMENSIONS: 430 x 760 x 600 D

Vs — PULLBOX, FIBER OPTIC WITH SPACE FOR SPLICE NOMINAL INSIDE DIMENSIONS: 760 x 1140 x 600 D

FP — FLAGPOLE

FS — FLOAT SWITCH

FLOOD LIGHT

FLOODLIGHT, ARROWS INDICATE DIRECTION OF BEAM

FUSE

FUSIBLE SWITCH

GAS DETECTOR SENSOR

GROUND

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REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
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Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
LEGEND - 2

SHEET: OF
DRAWING NO.: GN025
REVISION: C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

Jun 29, 2020 – 6:28pm C:\cadd\fa\gw\dhernandez\west\dms98389\801GN025.dwg HERN

LEGEND

- GROUND GRID
- GROUND PIGTAIL
- GROUND ROD
- GROUND ROD EXOTHERMICALLY WELDED
- GROUND ROD IN GROUND BOX
- GROUND ROD IN TEST WELL
- GROUND WELL
- GUIDEWAY COLUMN
- HANDHOLE
- HAND–OFF–AUTO SELECTOR SWITCH
- HAND RAIL LIGHT
- HIGH–INTENSITY DISCHARGE OR INCANDESCENT LAMP
- FIXTURE (SUBSCRIPT "X" DENOTES FIXTURE TYPE)
- HID FIXTURE (SUBSCRIPT "X" DENOTES FIXTURE TYPE)
- HOLDING AREA BOLLARD LIGHT
- HOME RUN
- HOMERUN CONDUIT
- HORIZONTAL CONTROL
- HORIZONTAL & VERTICAL CONTROL
- HYDRANT
- HYDRANT (E)
- TEMPORARY TERMINAL BOX
- INDICATION LIGHT (A = AMBER)
- INLET PROTECTION
- INSTALL NEW SIGN
- INVERTER
- JAGGED RIP–RAP PAVING
- JUNCTION BOX
- JUNCTION BOX IN ACCESSIBLE LOCATION
- BLANKED JUNCTION BOX
- WALL–MOUNTED JUNCTION BOX
- KEY NOTES
- KILOWATT–HOUR METER
- LAYOUT POINT OF BEGINNING
- LIGHT FIXTURE TAG
- LIGHT POLE
- LIGHTING HANDHOLE
- LIQUID FUEL VALVE
- LIQ FUEL VALVE BOX

- EXIT LIGHT (CEILING– OR SURFACE–MOUNTED). PROVIDE DIRECTIONAL ARROWS AND SINGLE OR DOUBLE SIGN FACE AS SHOWN ON DRAWING. (SOLID INDICATES SIGN FACING, ARROWS INDICATE DIRECTION)
- PARKING LOT LIGHT
- PEDESTRIAN LIGHT
- LIGHTING ARRESTER
- LG — LIGHTNING GRID
- LIGHT FIXTURE, FLUORESCENT SURFACE OR PENDANT–MOUNT (SUBSCRIPT "X" DENOTES FIXTURE TYPE)
- LOOP–C
- LOOP–5Q
- DOUBLE LUMINAIRE, POLE MOUNTED
- POLE MOUNTED LUMINAIRE
- LOOP, DETECTOR, INDUCTIVE
- LOOP DETECTOR, LRT ADVANCE
- LOOP DETECTOR, LRT RELEASE
- LRT SIGNAL/IDS CAMERA POLE FOUNDATION
- MANHOLE
- METALLIC WATER PIPE GROUND
- MICROPHONE/PA SPEAKER
- MOTOR
- MOTOR
- MOTOR SWITCH
- MOTOR WITH INTEGRAL DISCONNECT SWITCH
- MOTOR X– SIZE INDICATED
- NORMAL & EMERGENCY POWER PANEL
- NATURAL GAS VALVE
- NAT GAS VALVE BOX
- NORMALLY OPEN CONTACT
- NORMALLY CLOSED OPEN CONTACT
- OPERATING COIL
- PACKAGE CONTROLLER/FURNISHED WITH MECHANICAL EQUIPMENT UNO
- ACP — PANEL BOARD
- FCT — FAN CONTROL PANEL
- MCP — MOTOR CONTROL PANEL
- RCP — REFRIGERATION CONTROL PANEL
- VCP — VENTILATION CONTROL PANEL
- DISTRIBUTION PANEL
- BRANCH CIRCUIT PANELBOARD (277/480V)

- BRANCH CIRCUIT PANELBOARD (120/208V OR 120/240V)
- PEDESTRIAN BARRICADE
- PEDESTRIAN SIGNAL
- PFR — PHASE FAILURE RELAY IN 3–PHASE SYSTEM
- PHOTO CENTER
- PHOTOELECTRIC CELL
- PHOTOELECTRIC CELL ON ROOF, AIM NORTH
- PIPE ELBOW
- PV — PIPE VAULT
- WORKING POINT, POINT OF MINIMUM VERTICAL CLEARANCE
- POLE
- POWER POLE
- POWER POLE (E)
- POST
- TELEPHONE STANCHION
- PULL BOX
- PULL BOX
- PULL BOX (E)
- PULL BOX, # 3 1/2, UON
- PULL BOX/MANHOLE TYPE (TYPE 'D' SHOWN)
- P — PULL BOX, POWER SYSTEM OR MANHOLE – SEE
- OR
- P — ADJACENT SYMBOL FOR TYPE – (TYPE 'P' SHOWN)
- NS — NEWSPAPER STAND
- RACEWAY DOWN
- RACEWAY EXPOSED
- RACEWAY UP
- RECEPTACLE, WALL–MOUNTED DUPLEX AFF UNO NEMA 5–20R
- RECEPTACLE, DOUBLE DUPLEX AT +380 AFF UNO NEMA 5–20R
- RECEPTACLE, SPECIAL PURPOSE (30 AMP 2 POLE OR AS NOTED)
- RECESSED CEILING LIGHT
- RECTIFIER
- REDUCER
- RL — RELOCATE EXISTING SIGN
- RC — REMOVE AND BECOME PROPERTY OF THE CONTRACTOR
- RS — REMOVE AND SALVAGE EQUIPMENT
- R — REMOVE EXISTING SIGN
- RR SIGNAL
- RR SWITCH
- RR SWITCH BOX
- NO SVT — SANITARY SEWER ITEM
- NO — SANITARY SEWER ITEM

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BkF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN026.dwg

Santa Clara Valley Transportation Authority

APPROVED: BkF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
LEGEND - 3

SHEET	OF
DRAWING NO.	GN026
REVISION	C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

Jun 29, 2020 - 6:28pm C:\oddlib\pw\ahernandez\west\dms98389\801GN026.dwg
HERN

LEGEND

SECTION A XXXXX — INDICATES SECTION A OR DETAIL No. 1; DWG No. XXXXX (WHERE INDICATED OR SHOWN)

SECTION CORNER

SECURITY LIGHTING FIXTURE (SUBSCRIPT "X"

x — DENOTES FIXTURE TYPE)

SEWER CLEANOUT/FLUSHING INLET

1 — SHEET NOTE REFERENCE

SIGN

ILLUMINATED SIGN

SIGNAL POLE

PROPOSED SIGNAL

EXISTING SIGNAL

REMOVE, SALVAGE OR RELOCATE

LRT SIGNAL W/BACKPLATE

SIGNAL LIGHT, FLASHING OR NON–FLASHING

SINGLE LUMINAIRE, POLE MOUNTED

SINGLE LUMINAIRE, POLE MOUNTED WITH PA SPEAKERS

SINGLE LUMINAIRE, POLE MOUNTED WITH PA SPEAKERS AND VMB

SINGLE LUMINAIRE, PEDESTAL MOUNTED

$ — SINGLE POLE TOGGLE SWITCH

SOFFIT LIGHT FIXTURE

SPLICE

SOFFIT LUMINAIRE

EXISTING SOFFIT LUMINAIRE

SC — SPLICE NEW TO EXISTING CONDUCTORS

SPRINKLER HEAD

COMBINATION STARTER – MOTOR AT AFF TO TOP

3 — MAGNETIC 2– OR 3– POLE MOTOR STARTER, SUBSCRIPT INDICATES NEMA SIZE

3 — COMBINATION MAGNETIC MOTOR STARTER, WITH MOTOR CIRCUIT PROTECTOR. SUBSCRIPT INDICATES NEMA SIZE

STREET LIGHTS

F — ## — D — STRIPING DETAIL NUMBER PER CALTRANS JULY 2004 STANDARD PLANS

SURFACE MOUNTED FLUORESCENT LIGHT

SURGE ARRESTOR, 3–PHASE

S — SINGLE POLE SWITCH AT AFF

S_3 — 3 WAY SWITCH AT AFF

S_M — MANUAL MOTOR STARTER SWITCH

S_T — THERMAL OVERLOAD SWITCH

DISCONNECT SWITCH

STORM DRAIN MANHOLE

DISCONNECT SWITCH (PLAN)

30/3/WP — FUSED DISCONNECT SWITCH:
SUBSCRIPT INDICATES:
SWITCH RATING (AMPERES)
NUMBER OR POLES
WP = WEATHERPROOF (NEMA–3R)

30/3/WP — NON–FUSED DISCONNECT SWITCH:
SUBSCRIPT INDICATES:
SWITCH RATING (AMPERES)
NF = NON–FUSED
WP = WEATHERPROOF (NEMA–3R)

TELEPHONE OUTLET

TELEPHONE HANDHOLE

T — TELEPHONE MANHOLE

TELEPHONE POLE

TEMPORARY BUS STOP

TES POLE DOWN GUY

TES POLE FOUNDATION

T — THERMOSTAT

57A — TRACK ALIGNMENT CURVE IDENTIFICATION No.

TRANSFORMER

△ — TRANSFORMER – DELTA WINDINGS

Y — TRANSFORMER – WYE WINDINGS

CURRENT TRANSFORMER

T — POWER TRANSFORMER (PLAN)

POTENTIAL TRANSFORMER

TRAFFIC SIGNAL (E)

TRAFFIC SIGNAL, ARROW W/BACKPLATE

TRAFFIC SIGNAL CONTROLLER CABINET W/DOOR SWING

TRAFFIC SIGNAL W/ARM & POLE (E)

TRAFFIC SIGNAL W/BACKPLATE & ELECTROLIER

TRAFFIC SIGNAL WITH BACKPLATE

TRAFFIC SIGNAL EXTENDED

xxx — TEMPORARY TRAFFIC STRIPE

TRANSMISSION TOWER

TRASH RECEPTACLE

TREE GRATE WITH TREE GUARD

TREE TO REMAIN

TREE TO BE REMOVED

TREES & BRUSH

TUBULAR STEEL POLE

TVM

TV MANHOLE

TV HANDHOLE

TV BOX

TYPE I PEDESTRIAN BARRICADE

TYPE III OR III M SERVICE CABINET W/DOOR SWING

8 SP / 9 19 — TYPICAL DUCTBANK CROSS SECTION CALL OUT

UNDERGROUND CONDUIT DUCT (INDICATE TYPE, SIZE AND NUMBER OF CONDUITS BY CROSS SECTION IDENTIFICATION OF EACH RUN, OR BY NOTATION)

UP, DOWN OR UP/DOWN WALL LIGHT

UTILITY

UTILITY BOX

UTILITY BOX

UTILITY BOX (E)

UTILITY MANHOLE

UTILITY VAULT

VERTICAL CONTROL

V — VOLTMETER

VS — VOLTMETER SWITCH

WALL MOUNTED FLUORESCENT LIGHT

WATER METER

WATER VALVE

WATER VALVE BOX

W — WATTMETER

WH — WATT HOUR METER

WIND TURBINE

B7–10 / 11–1 — INDICATES CALTRANS STANDARD PLAN SHEET No. / INDICATES DETAIL No.

A / SR101 — INDICATES SECTION No. / INDICATES DRAWING No. SHOWN ON

1 / SP103 — INDICATES DETAIL No. / INDICATES DRAWING No. SHOWN ON

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REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
C. Chi	M. Cosentino
DRAWN	CADD FILE NAME
A. Hernandez	801GN027.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
LEGEND - 4

SHEET	OF
DRAWING NO.	GN027
REVISION	C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

Jun 29, 2020 - 6:28pm C:\oddfb\pw\ahernandez\west\dms98389\801GN027.dwg
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NOTES:

1. HORIZONTAL AND VERTICAL DATUM PER SANTA CLARA VALLEY TRANSPORTATION AUTHORITY CAPITOL EXTENSION LIGHT RAIL PROJECT CONTROL REPORT CREATED BY HMH ENGINEERS, DATED JANUARY 24, 2017.
2. THE FINAL COORDINATES, BASED ON NAD83. EPOCH 1991.35 ARE LISTED IN U.S. SURVEY FEET ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 3.
3. THE ELEVATIONS, BASED ON NAVD88. ARE ALSO PRESENTED IN U.S. SURVEY FEET.
4. THE COMBINED SCALED FACTOR IS 0.99995410. MULTIPLY BY 1.0000459 TO OBTAIN GROUND DISTANCES.
5. SEE SANTA CLARA VALLEY TRANSPORTATION AUTHORITY CAPITOL EXTENSION LIGHT RAIL PROJECT CONTROL REPORT. CREATED BY HMH ENGINEERS, DATED JANUARY 24, 2017.

LEGEND:

● SURVEY CONTROL POINT

Point #	Northing	Easting	Elev	Description	Stationing
18	1954703.89	6174996.29	116.27	FD VTA ALUM DISK "18" AT CAPITOL EXPRWY & CAPITOL AVE IN WALK AT +/- CENTER OF CAPITOL AVE AT N SIDE OF HIGHWOOD DR	"SB" 974+85.80 12.71' Rt
41	1955228.15	6174671.61	114.49	FD VTA ALUM CAP "41" IN W WALK CAPITOL AT SW CORNER OF LOMBARD & CAPITOL	"SB" 968+68.89 43.89' Rt
341	1955616.43	6174593.39	115.63	FD VTA ALUM CAP "341" IN NE CURB RETURN CAPITOL AVE AT WILBUR AVE, +/- 18' FROM ECR	"SB" 964+90.65 79.26' Lt
342	1954836.24	6174890.20	114.82	FD VTA ALUM CAP "342" IN W CURB CAPITOL AVE N OF HIGHWOOD DR +/- 34' S OF BC OF CURB	"SB" 973+19.28 41.93' Rt
344	1953426.40	6175648.45	115.28	FD VTA ALUM CAP "344" IN W CURB OF W FRONTAGE RD OF CAPITOL EXPRWY AT +/- PL BETW HOUSE #'s 937 & 953 CAPITOL EXPRWY	"SB" 989+27.28 101.53' Rt
347	1952302.69	6176400.82	116.54	FD VTA ALUM CAP "347" IN E WALK OF E FRONTAGE RD OF CAPITOL EXPRWY AT +/- 1' N OF ECR AT NE CORNER OF S CAPITOL AVE & TUDOR CT	"SB" 1002+73.18 113.82' Lt
348	1951610.56	6176767.92	118.01	FD VTA ALUM CAP "348" IN AC PAVING AT +/- E CURB LINE OF E FRONTAGE RD OF CAPITOL EXPRWY, 8.8' N OF S CURB BRISTOL DR	"SB" 1010+55.91 110.51' Lt
349	1950975.04	6177109.26	119.21	FD VTA ALUM CAP "349" IN AC PAVING 1.6' E OF E CURB LINE OF E FRONTAGE RD OF CAPITOL EXPRWY, 6.6' N OF S CURB COVENTRY DR	"SB" 1017+77.29 111.68' Lt
350	1950300.69	6177475.23	118.20	FD VTA ALUM CAP "350" IN AC PAVING 7.2' W OF E CURB LINE OF E FRONTAGE RD OF CAPITOL EXPRWY, 11.2' N OF S CURB WOODMOOR DR AT "DO NOT ENTER" BUBBLE	"SB" 1025+46.25 113.40' Lt
351	1949443.62	6178195.81	119.47	FD VTA ALUM CAP "351" IN N CURB OCALA AVE +/- 90.2' W OF EVERWOOD CT, EAST OF CAPITOL EXPRWY	"SB" 1036+36.92 341.24' Lt
352	1948504.35	6178202.68	119.16	FD VTA ALUM CAP "352" IN E CURB OF JOHNNY MONTGOMERY DR (AIRPORT FRONTAGE) +/- 115.8' S OF ROBERT FOWLER WAY, OPPOSITE AMELIA REID AVIATION BLDG (N OF CUNNINGHAM)	"SB" 1044+44.68 180.05' Rt
355	1946816.18	6179274.93	127.87	FD VTA ALUM CAP "355" IN AC PAVING 10.8' E OF W CURB SWIFT AVE (AIRPORT FRONTAGE) +/- 183.7' N ALONG SWIFT AVE OF 2nd PG&E TOWER (IN MEDIAN OF CAPITOL) S OF CUNNINGHAM AVE	"SB" 1064+78.78 102.17' Rt
357	1945238.74	6180381.17	135.38	FD VTA ALUM CAP "357" IN E CURB CAPITOL EXPRWY AT SOUTH MOST EXIT OF EVERGREEN SHOPPING CENTER, 14.8' S OF S BLDG LINE OF IN-N-OUT (2950 CAPITOL EXPRWY)	"SB" 1083+97.21 200.76' Lt
358	1944701.70	6180862.54	134.68	FD VTA ALUM CAP "358" IN 1" IP ON E LEVEE THOMPSON CREEK ALONG GLEN HANLEIGH DR AT +/- N CURBLINE OF GLEN HARDY CT PRODUCED, +/- 6.6' W OF CL FENCE AT E R/W CREEK	"SB" 1091+00.52 360.39' Lt
359	1944236.62	6181093.59	136.63	FD VTA ALUM CAP "359" IN 1" IP ON E LEVEE THOMPSON CREEK ALONG GLEN HANLEIGH DR +/- 28.9' S OF N CURB GLEN FENTON WAY, 6.9' W OF CL FENCE AT E R/W OF CREEK	"CS" 95+81.94 260.53' Lt
1044	1943068.71	6181411.15	143.63	FD BR CAP "SCVWD" IN S CURB QUIMBY RD AT +/- C/L OF BRIDGE OVER THOMPSON CREEK +/- 197' E OF CAPITOL EXPRWY	"CS" 107+51.06 210.77' Lt
6901	1949658.83	6177806.03	118.82	FD BRASS PIN IN CONC AT C/L BC AT S END E FRONTAGE RD OF CAPITOL EXPRWY 17.9' W OF E CURB, +/- 34.5' N OF N CURB S CAPITOL AVE PRODUCED (AFTER IT TURNS EAST)	"SB" 1032+65.65 95.38' Lt
6903	1949241.82	6177921.37	120.18	FD 3/4" IP & TAG "SANTA CLARA COUNTY SURVEYOR" IN MON WELL AT INTERSECTION OF OCALA AVE & CAPITOL EXPRWY	"SB" 1036+88.69 4.46' Lt
6904	1945749.09	6179996.02	133.76	FD 3/4" IP & TAG "SANTA CLARA COUNTY SURVEYOR" IN MON WELL AT INTERSECTION OF TULLY RD & CAPITOL EXPRWY (S'LY OF 2 WELLS)	"SB" 1077+63.94 105.70' Lt
6907	1943051.23	6181203.84	144.78	FD 3/4" IP & TAG "SANTA CLARA COUNTY SURVEYOR" IN MON WELL AT INTERSECTION OF QUIMBY RD & CAPITOL EXPRWY	"CS" 107+27.95 4.07' Lt
6908	1942387.48	6181289.50	146.55	FD SET SPIKE & WASHER W/ "PSOMAS FOR VTA 6908" IN 1" IP IN MEDIAN OF CAPITOL EXPRWY +/- 670' S OF QUIMBY, 6.9' W OF E CURB MEDIAN, +/- 40' N OF N LOT LINE OF MOBILE HOME PARK	

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
J. Simmons	D. Thresh
DRAWN	CADD FILE NAME
A. Lara	801GN030.dwg

Santa Clara Valley Transportation Authority

APPROVED BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

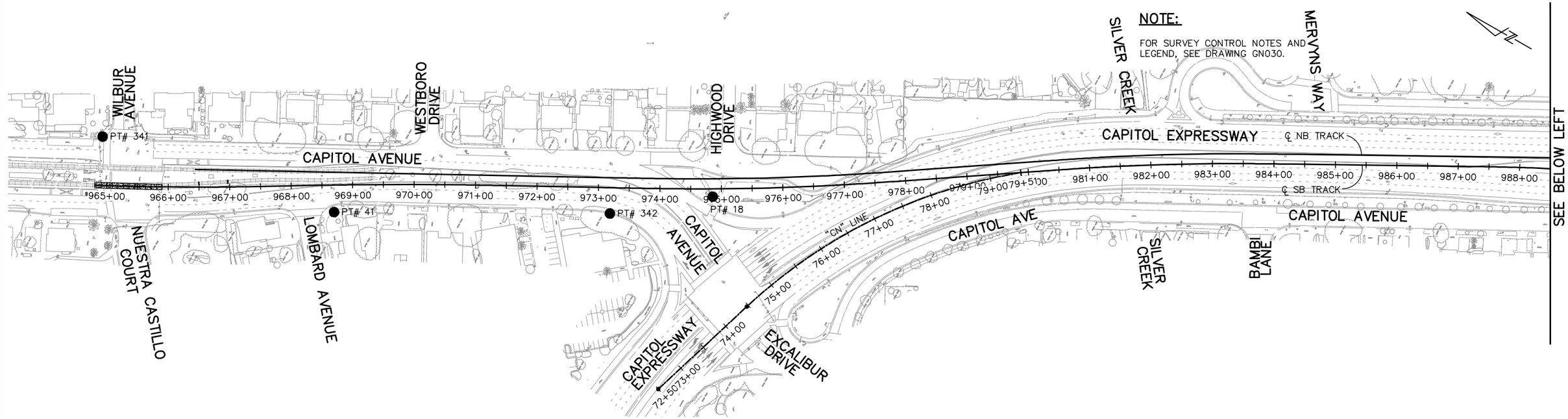
EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
CONSTRUCTION STAKING SURVEY CONTROL

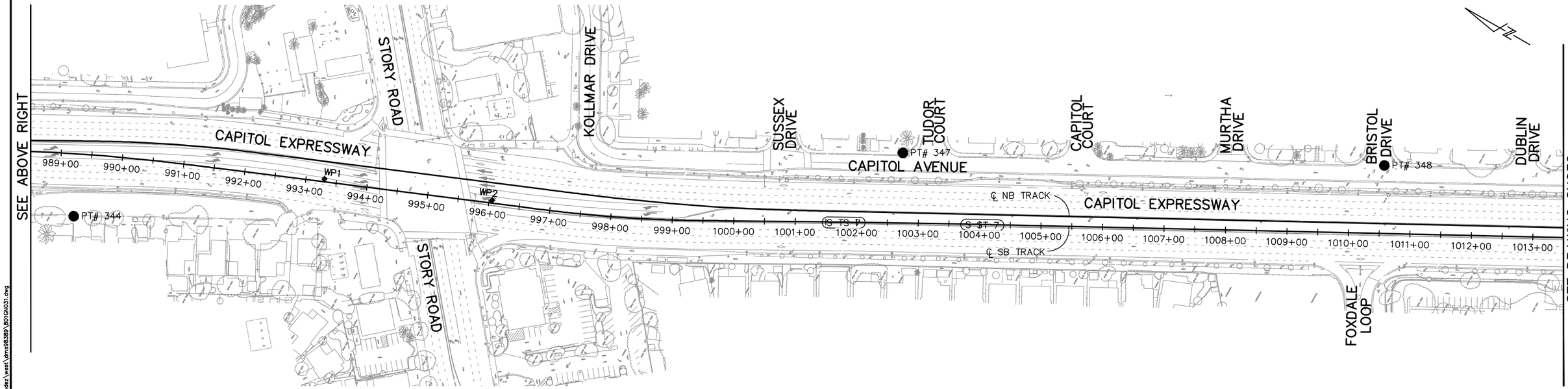
SHEET	OF
DRAWING NO.	GN030
REVISION	C
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

Jun 29, 2020 - 6:28pm C:\cadd\lb\pw\ahernandez\west\dms98389\801GN030.dwg HERN

NOTE:

FOR SURVEY CONTROL NOTES AND LEGEND, SEE DRAWING GN030.





SCALE: 1"=80'

−80 0 80 160

ORIGINAL SCALE IN FEET FOR REDUCED PLANS

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
B	03/19	65% SUBMITTAL SET
A	06/18	35% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
J. Simmons	D. Thresh
DRAWN	CADD FILE NAME
A. Lara	801GN031.dwg

Santa Clara Valley Transportation Authority

APPROVED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	1" = 80'
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
CONSTRUCTION STAKING SURVEY CONTROL
STA 964+80 TO STA 1013+50

SHEET OF
DRAWING NO. GN031
REVISION C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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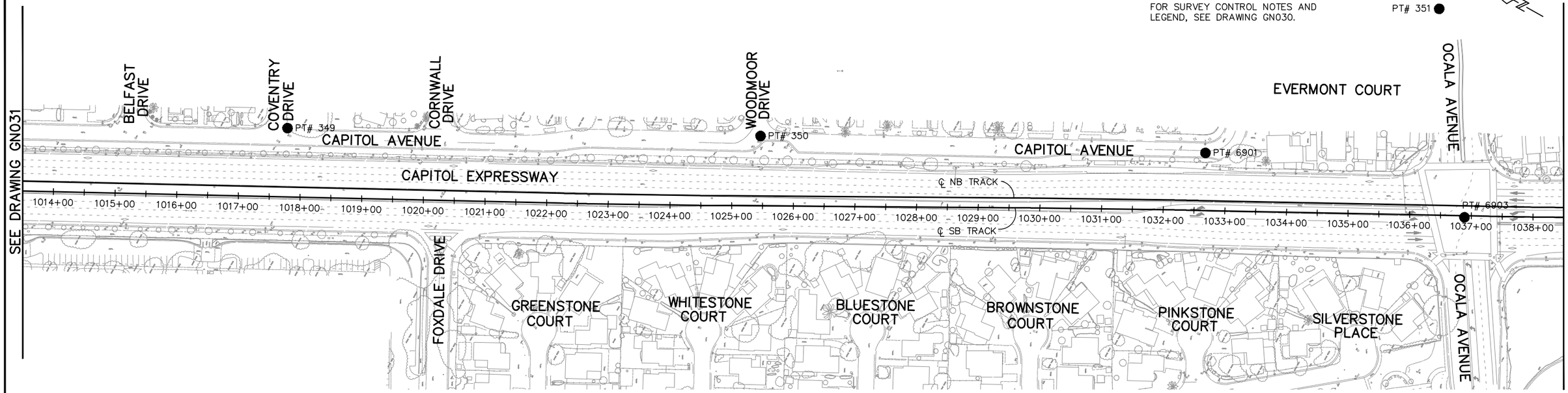
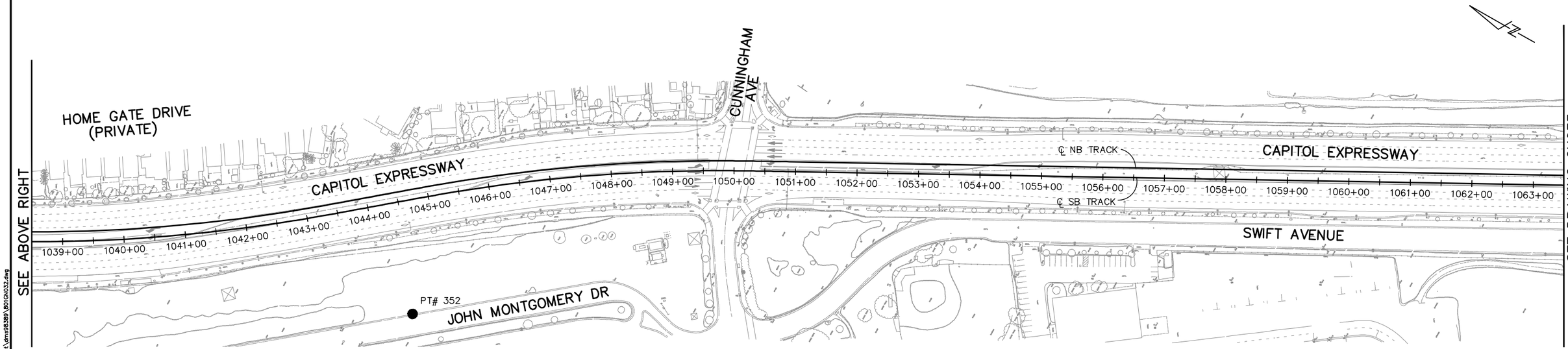
NOTE:

FOR SURVEY CONTROL NOTES AND LEGEND, SEE DRAWING GN030.





ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

SCALE: 1"=80'

−80 0 80 160

ORIGINAL SCALE IN FEET FOR REDUCED PLANS

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
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REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
J. Simmons	D. Thresh
DRAWN	CADD FILE NAME
A. Lara	801GN032.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	1" = 80'
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
CONSTRUCTION STAKING SURVEY CONTROL
STA 1013+50 TO STA 1063+50

SHEET	OF
DRAWING NO.	GN032
REVISION	C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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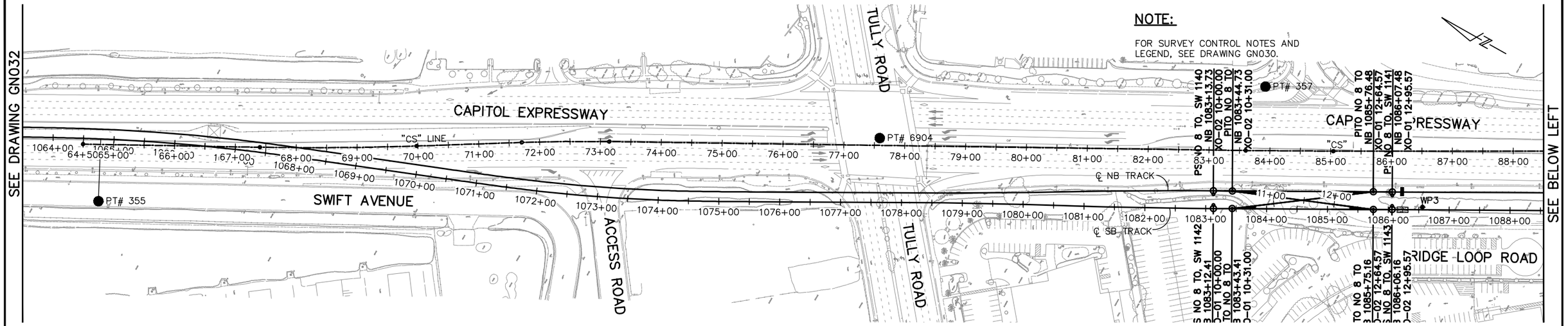
NOTE:

FOR SURVEY CONTROL NOTES AND LEGEND, SEE DRAWING GN030.



ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

SCALE: 1"=80'

−80 0 80 160

ORIGINAL SCALE IN FEET FOR REDUCED PLANS

NO.	DATE	REVISIONS
C	06/20	95% SUBMITTAL SET
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REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
J. Simmons	D. Thresh
DRAWN	CADD FILE NAME
A. Lara	801GN033.dwg

Santa Clara Valley Transportation Authority

APPROVED: BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	1" = 80'
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
GENERAL
CONSTRUCTION STAKING SURVEY CONTROL
STA 1063+50 TO STA "CS" 109+66

SHEET: OF
DRAWING NO.: GN033
REVISION: C

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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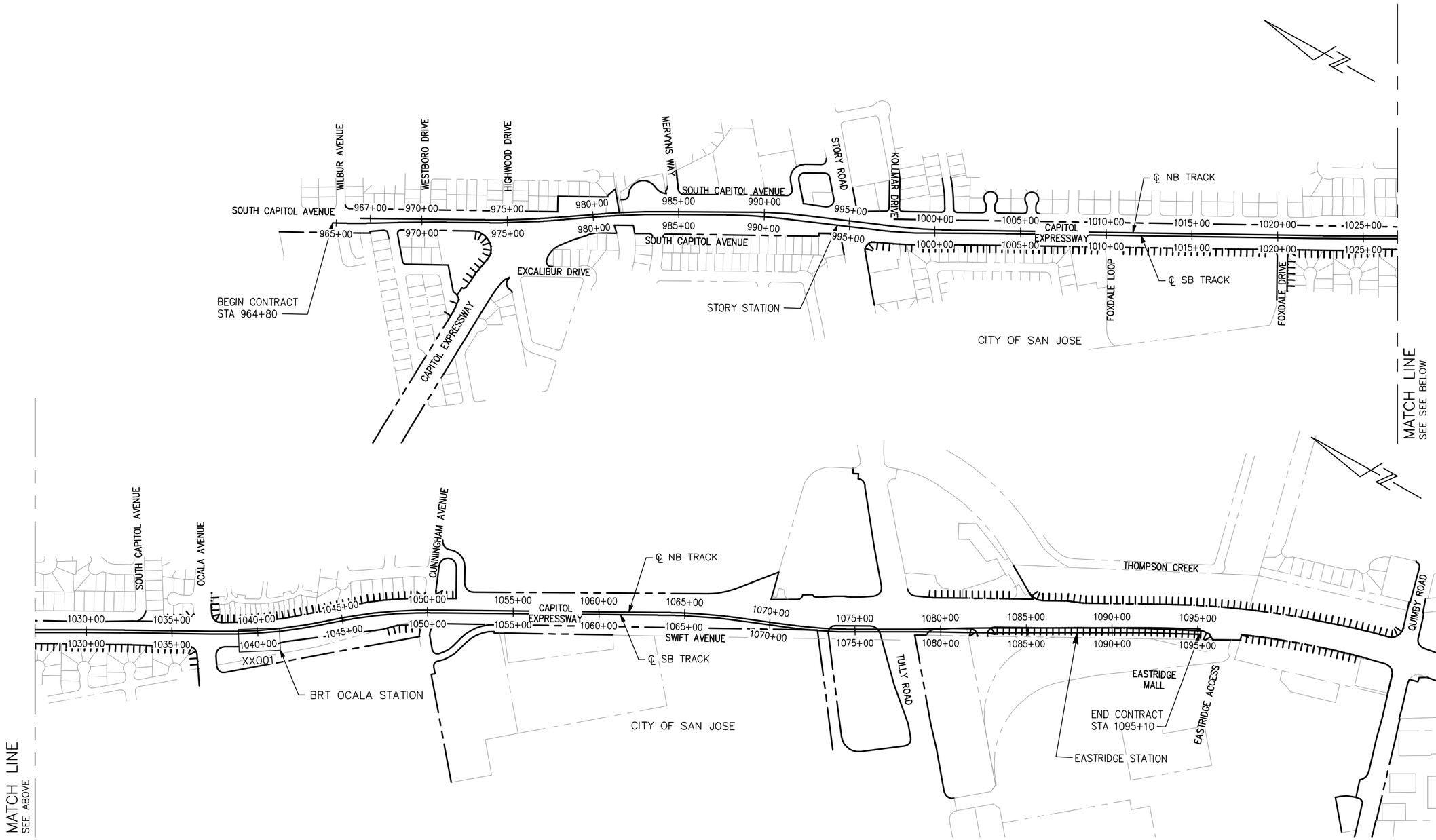

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REGISTERED PROFESSIONAL ENGINEER
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No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
B. Silkwood	M. Cosentino
DRAWN	CADD FILE NAME
M. Runchey	801BR100.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
05/20/20	NTS
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
CIVIL
BRT OCALA STATION
KEYMAP

SHEET	OF
DRAWING NO.	BR100
REVISION	A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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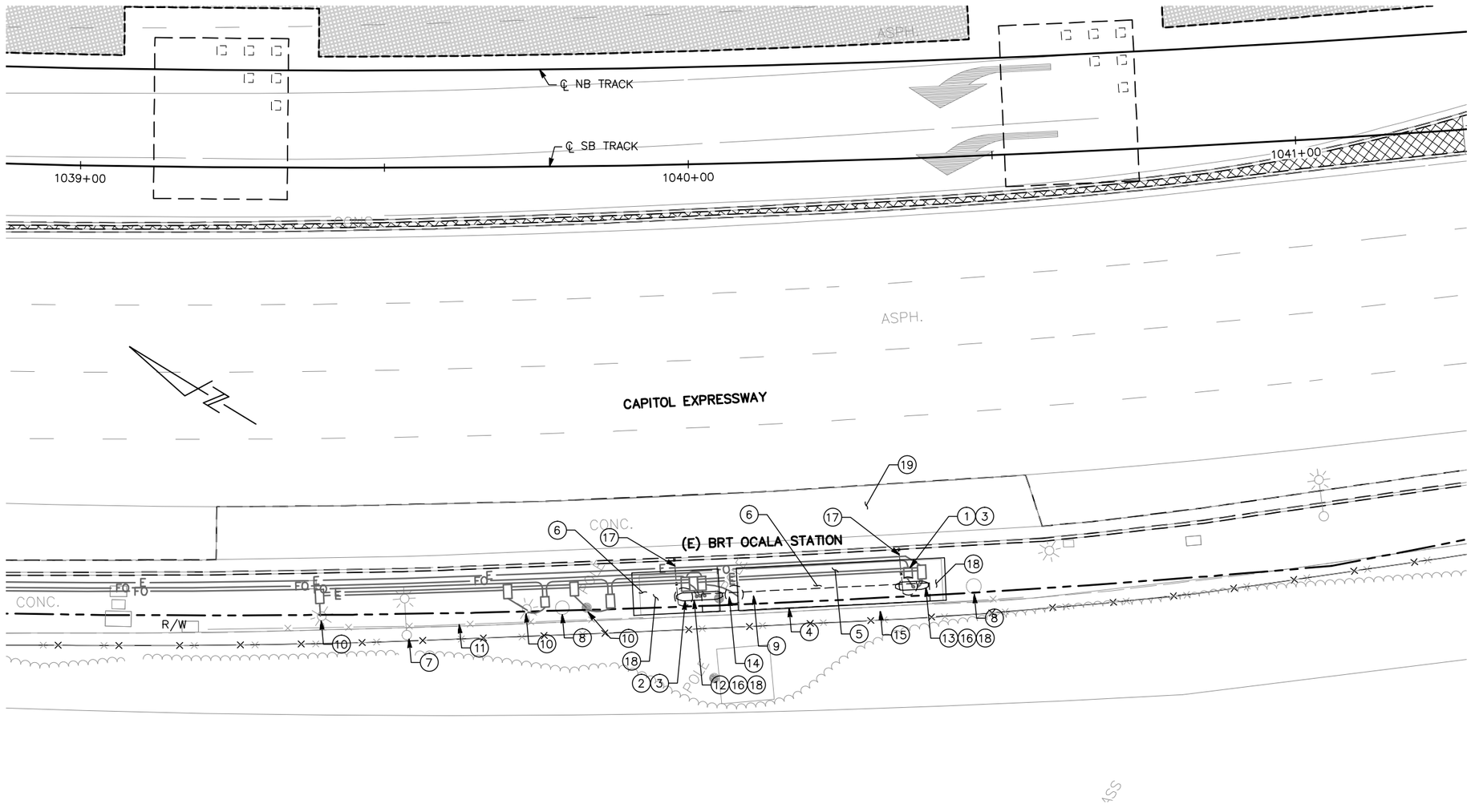

NOTES:

1. CONTRACTOR SHALL SUBMIT A DETAILED DEMOLITION AND SALVAGE PLAN FOR REMOVAL. PLAN SHALL DESCRIBE THE ORDER OF WORK, SALVAGE AND PROTECTION OF BRT ELEMENTS, AND DEACTIVIATION/REACTIVIATION PROCEDURES.
2. FOR LOCATIONS OF RELOCATED ELEMENTS, SEE BR111.
3. CONTRACTOR SHALL ABANDON FOOTINGS 3' BELOW EXISTING GRADE.
4. CONTRACTOR SHALL NOTIFY VTA 12 WORKING DAYS PRIOR TO THE START OF THIS WORK TO COORDINATE COMMUNICATIONS AND POWER SHUT-OFF FOR THE BRT SHELTER.
5. FOR DEMOLITION ITEMS NOT SHOWN, SEE CR DRAWINGS.
6. FOR DEMOLITION PLAN NOTES AND LEGEND, SEE CR001.

ITEMS OF WORK

(1) DISCONNECT POWER (SEE NOTE 4)
(2) DISCONNECT COMMUNICATION (SEE NOTE 4)
(3) REMOVE SENSITIVE COMMUNICATION EQUIPMENT
(4) SALVAGE GLASS WINDSCREEN PANELS
(5) SALVAGE ART PAVERS
(6) SALVAGE ROOF PANELS
(7) RELOCATE STREET LIGHT (SEE NOTE 2)
(8) RELOCATE TRASH CAN (SEE NOTE 2)
(9) RELOCATE BENCH (SEE NOTE 2)
(10) RELOCATE EQUIPMENT AND LIGHTING POLE (SEE NOTE 2)
(11) SALVAGE LEANING RAIL (SEE NOTE 2)
(12) RELOCATE COMMUNICATION PIER (SEE NOTE 2)
(13) RELOCATE POWER PIER (SEE NOTE 2)
(14) RELOCATE STRUCTURAL COLUMN ONTO NEW FOUNDATION (SEE NOTE 2)
(15) REMOVE WINDSCREEN FOOTING (SEE NOTE 2)
(16) REMOVE PIER FOOTING (SEE NOTE 3)
(17) DISCONNECT AND REMOVE CURB DRAIN
(18) SALVAGE SHELTER CLADDING
(19) REMOVE PCC BUS PAD, CURB AND GUTTER (SEE NOTE 5)

SCALE: 1"=10'
−10 0 10 20
ORIGINAL SCALE IN FEET
FOR REDUCED PLANS

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
B. Silkwood	M. Cosentino
DRAWN	CADD FILE NAME
M. Runchey	801BR101.dwg

Santa Clara Valley Transportation Authority

APPROVED: BkF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	1" = 10'
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
CIVIL
BRT OCALA STATION
DEMOLITION & SALVAGE PLAN - EXISTING CONDITION

SHEET	OF
DRAWING NO.	BR101
REVISION	A
PCA NO.	000
CONTRACT NO.	C801
FILE LOCATION	PROJECTWISE

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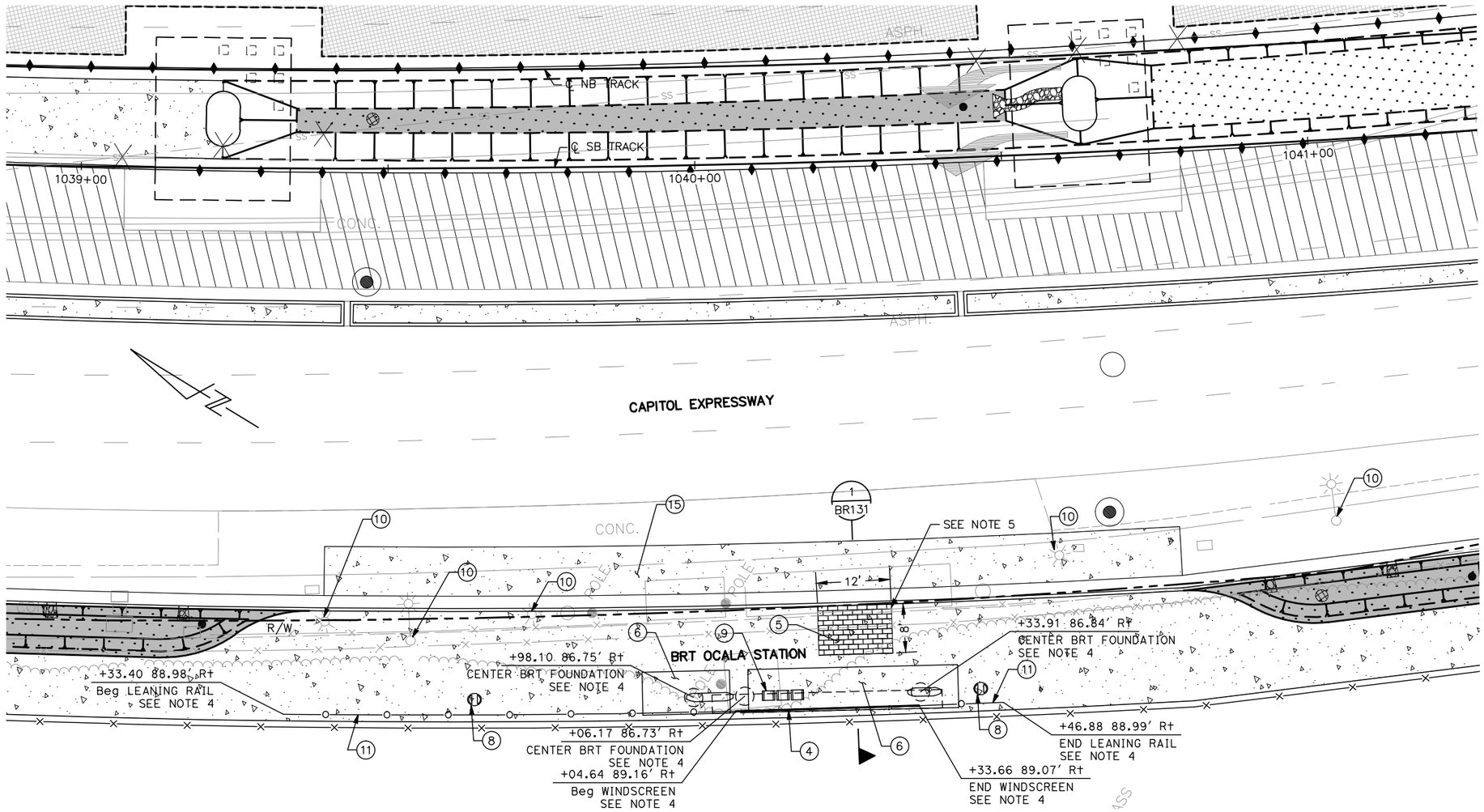

NOTES:

1. FOR STREET IMPROVEMENT PLAN NOTES AND LEGEND, SEE DRAWING CP001.
2. INSTALL IN ACCORDANCE WITH APPROVED DEMOLITION AND SALVAGE PLAN.
3. FOR IMPROVEMENT ITEMS NOT SHOWN, SEE CP DRAWINGS.
4. FOUNDATION SPACING AND LOCATIONS ARE DERIVED FROM THE PREVIOUS DESIGN PLANS, NOT AS-BUILTS. CONTRACTOR SHALL CONFIRM FOUNDATION SPACING WITH FIELD MEASUREMENTS.
5. ART PAVERS SHALL MATCH EXISTING LAYOUT AND JOINT SPACING, AND SHALL ALIGN WITH ART GLASS PANELS OF WINDSCREEN. COORDINATE FINAL DIMENSIONS WITH INSTALLED WINDSCREEN.

ITEMS OF WORK

1. NEW PG&E SERVICE. SEE UTILITY PLAN
2. ESTABLISH VTA COMMUNICATION CONNECTION. SEE UTILITY PLAN
3. REINSTALL COMMUNICATION EQUIPMENT
4. INSTALL SALVAGED WINDSCREEN
5. INSTALL SALVAGED ART PAVERS SEE DETAIL 1/BR131 2/BR131
6. INSTALL SALVAGED ROOF PANELS
7. NOT USED
8. INSTALL RELOCATED TRASH CAN
9. INSTALL RELOCATED BENCH
10. RELOCATE EQUIPMENT POLE. SEE EL DRAWINGS
11. INSTALL SALVAGED LEANING RAIL
12. INSTALL RELOCATED COMMS PIER
13. INSTALL RELOCATED POWER PIER
14. INSTALL RELOCATED STRUCTURAL COLUMN ON FOUNDATION. SEE STRUCTURAL DRAWINGS
15. BUS PAD PER VTA STANDARDS SEE DETAILS 3/BR131 4/BR131

LEGEND:

- CHAIN LINK FENCE
- LEANING RAIL
- WINDSCREEN
- ART PAVERS

SCALE: 1"=10'
-10 0 10 20
ORIGINAL SCALE IN FEET
FOR REDUCED PLANS

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
B. Silkwood	M. Cosentino
DRAWN	CADD FILE NAME
M. Runchey	801BR111.dwg

Santa Clara Valley Transportation Authority

APPROVED: BKF 100+ YEARS ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	1" = 10'
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
CIVIL
BRT OCALA STATION
IMPROVEMENT PLAN

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

SHEET OF
DRAWING NO. BR111
REVISION A

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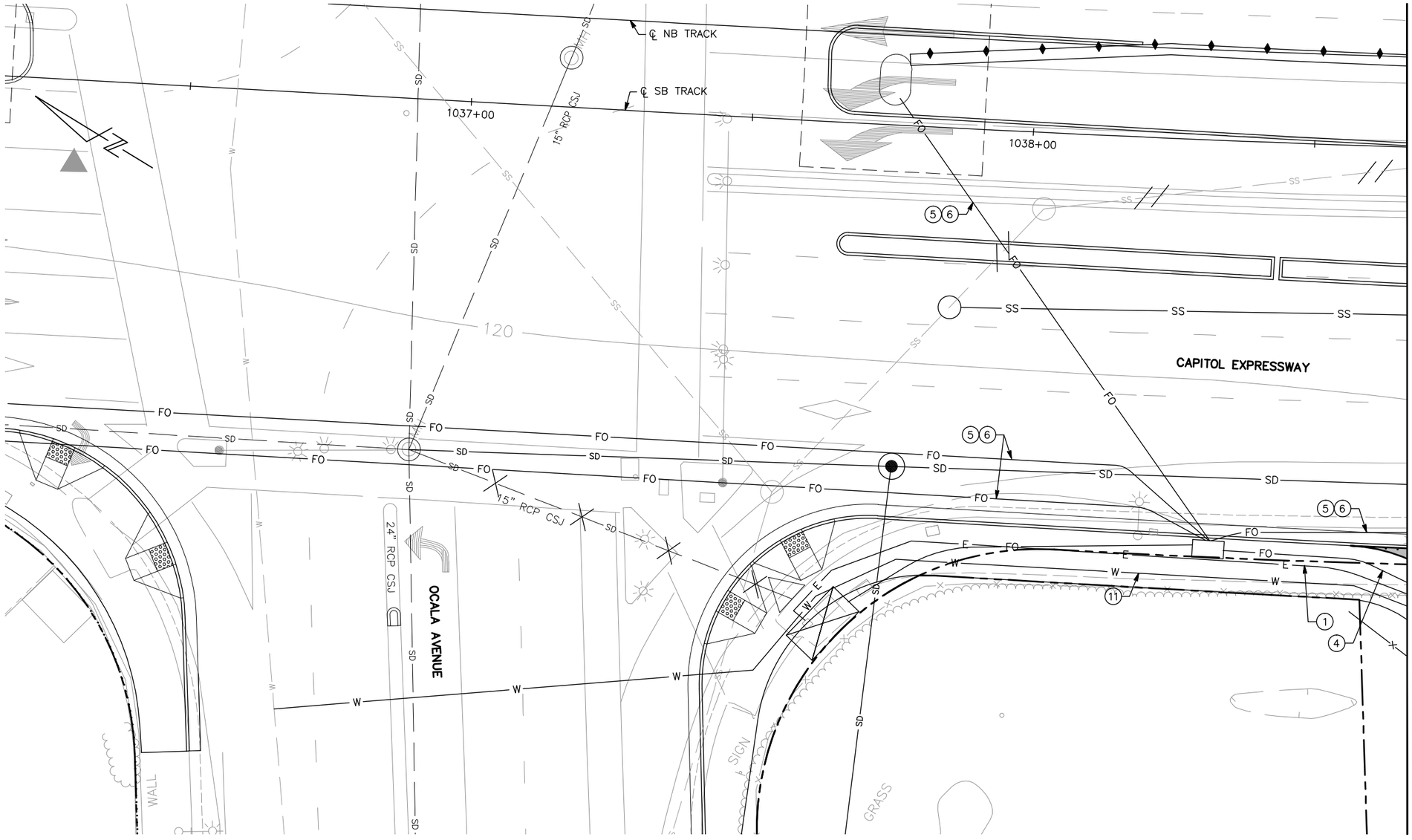

NOTES:

1. FOR NOTES AND LEGEND, SEE DRAWING DP001 AND UP001.
2. FOR IMPROVEMENT ITEMS NOT SHOWN, SEE CP DRAWINGS.

ITEMS OF WORK

(1) RELOCATE PG&E No. 2 BOX AND ELECTRICAL SERVICE RUN FOR DEACTIVATION, INSPECTIONS, AND REACTIVATION.

(2) REINSTALL PG&E METER IN PIER. MAKE ALL CONNECTIONS AND HOOKUPS.

(3) INSTALL NEW VTA–C PULLBOX

(4) INSTALL 12 SMFO TO COMMUNICATION PIER. MAKE ALL CONNECTIONS AND SPLICES.

(5) REINSTALL 96 SMFO TO NEAREST SPLICE BOX, SEE "EF" DRAWINGS FOR CONTINUATION.

(6) REINSTALL 48 SMFO TO NEAREST SPLICE BOX, SEE "EF" DRAWINGS FOR CONTINUATION.

(7) INSTALL 4" X 2" STAINLESS STEEL TUBE TO CONNECT SHELTER DOWNSPOUT TO FACE OF CURB. CAST IN CURB. SEE DETAIL 1/BR132

(8) INSTALL 1" WATER SERVICE FROM SJWC (BY OTHERS)

(9) INSTALL SJWC WM (BY OTHERS)

(10) INSTALL BFP PER SJWC STANDARDS.

(11) INSTALL 1" WATER LINE

(12) INSTALL 1" QUICK COUPLING VALVE IN G6 BOX

LEGEND:

- FO — FIBER OPTIC LINE
- E — ELECTRICAL LINE
- SS — SANITARY SEWER LINE
- SD — STORM DRAIN LINE
- W — WATER LINE
- SSMH
- SDMH
- BFP

SCALE: 1"=10'

−10 0 10 20

ORIGINAL SCALE IN FEET FOR REDUCED PLANS

ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — N.V. BERNARD — No. 45407 — Exp. 9-30-20 — CIVIL — STATE OF CALIFORNIA

SUBMITTED — BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
B. Silkwood	M. Cosentino
DRAWN	CADD FILE NAME
M. Runchey	801BR121.dwg

Santa Clara Valley Transportation Authority

APPROVED — BKF 100+ YEARS — ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	1" = 10'
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
CIVIL
BRT OCALA STATION
UTILITY PLAN - 1

SHEET OF
DRAWING NO. BR121
REVISION A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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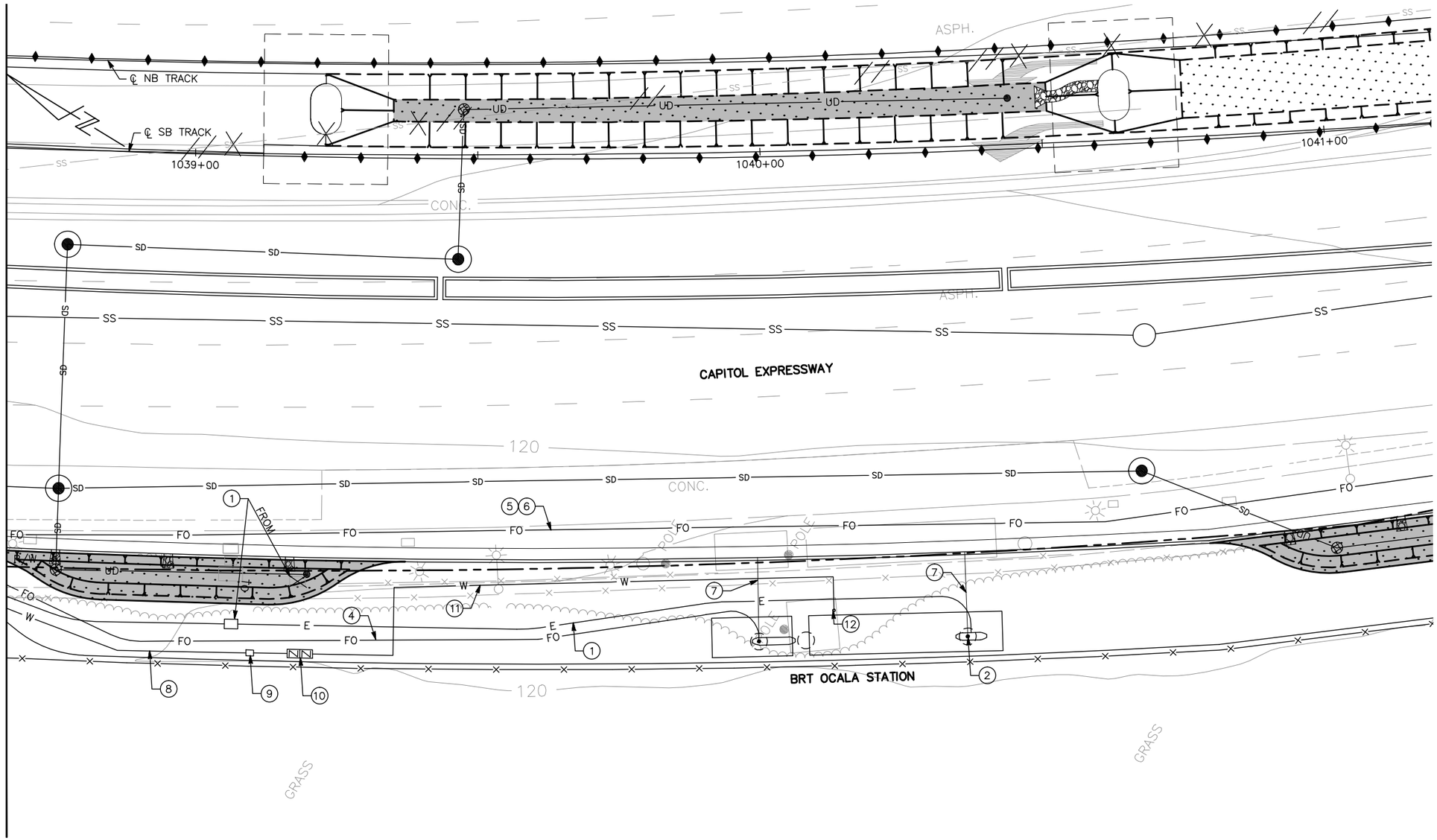
NOTE:

FOR NOTES AND LEGEND, SEE DRAWING BR121.



ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE SHOWN

SCALE: 1"=10'

−10 0 10 20

ORIGINAL SCALE IN FEET
FOR REDUCED PLANS

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
N.V. BERNARD
No. 45407
Exp. 9-30-20
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

DESIGNED	CHECKED
B. Silkwood	M. Cosentino
DRAWN	CADD FILE NAME
M. Runchey	801BR122.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	1" = 10'
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
CIVIL
BRT OCALA STATION
UTILITY PLAN - 2

SHEET
OF
DRAWING NO.
BR122
REVISION
A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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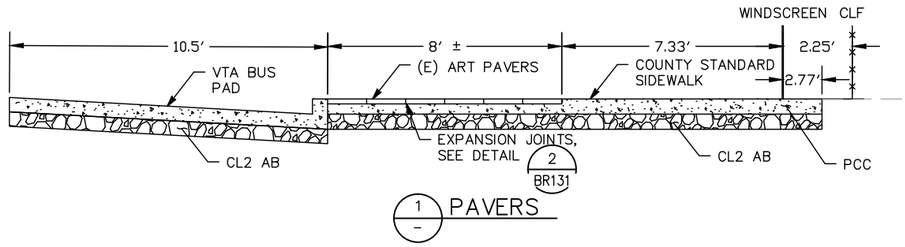
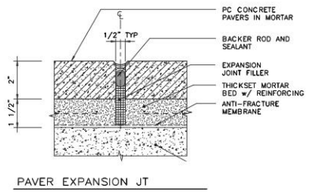


1 PAVERS



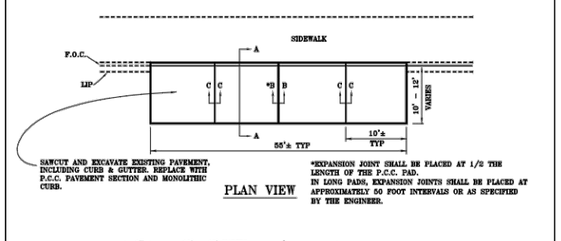
PAVER EXPANSION JT

PAVER TYP MORTAR JT

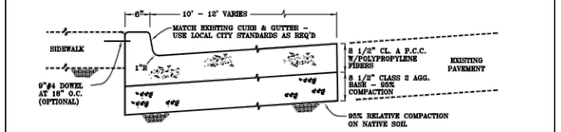
PAVER AT CIP CONCRETE

PAVER AT FLUSH CURB

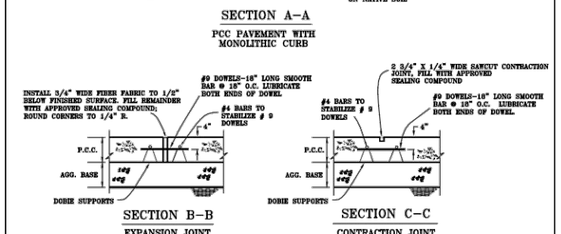
2 PAVER JOINT DETAIL



PLAN VIEW



SECTION A–A
PCC PAVEMENT WITH MONOLITHIC CURB



SECTION B–B
EXPANSION JOINT

SECTION C–C
CONTRACTION JOINT

NOTE: FOR TECHNICAL SPECIFICATIONS REFER TO SHEET 2 OF 3.

BUS STOP AND PASSENGER FACILITIES STANDARD DETAILS

Santa Clara Valley Transportation Authority	BUS STOP PAVEMENT DETAILS SHEET 1 OF 3	FIGURE 10
CAD FILE NAME 2008_FSD1001.DWG		DATE AUG 2008

3 BUS PAD DETAIL

TECHNICAL SPECIFICATIONS

1. P.C.C. pavement with monolithic curb and gutter shall conform to the provisions in Section 40, " PORTLAND CEMENT CONCRETE PAVEMENT," and Section 90, " PORTLAND CEMENT CONCRETE" of the State Standard Specifications and these special provisions.

2. P.C.C. pavement shall be class A with a flexural strength of 650 psi at the age of 28 days to be determined by Test Method ASTM C78. Polypropylene fibers (Fibermesh or approved equal), length 1/2", shall be added to the concrete at a rate of 1 1/2 lbs/cy.

3. After spreading and compacting, P.C.C. concrete shall be given a preliminary finish , which shall be smooth and true to grade. In advance of curing operations, the pavement shall be given a final rough broom finish with grooves having a depth of 1/8" perpendicular to the curb and gutter.

4. All newly - placed concrete shall be cured in accordance with the provisions in Section 90-7, "Curing Concrete," of the State Standard Specifications. Curing compound to be used shall be applied to the P.C.C. following the surface finishing operations immediately before the moisture sheen disappears from the surface and before any drying, shrinkage or craze cracks begin to appear. Curing compound shall be applied at a nominal rate of one gallon per 150 square feet. At any point, the application rate shall be within +/- 50 square feet per gallon of the nominal rate specified.

5. Sawcutting of the contraction joints must be performed within 24 hours after concrete has received final surface finish.

6. Contractor shall protect P.C.C. Pad as specified in Section 90-8.03, " Protecting Concrete Pavement." Where public traffic will be required to cross over new pavement, and if directed by the Engineer, Type III Portland Cement shall be used in concrete. When Type III Portland Cement is used in concrete, and if permitted in writing by the Engineer, the pavement may be opened to traffic as soon as the concrete has developed a modulus of rupture of 550 pounds per square inch. The modulus of rupture will be determined by Test Method ASTM C78.

   No traffic or Contractor's equipment, except as hereinafter provided, will be permitted on the pavement before a period of ten (10) calendar days has elapsed after the concrete has been placed, nor before the concrete has developed a modulus of rupture of at least 550 pounds per square inch. Concrete that fails to attain a modulus of rupture of 550 pounds per square inch within 10 days shall not be opened to traffic until directed by the Engineer.

   Equipment for sawing contraction joints (weakened plane joints) will be permitted on the pavement as specified in Section 40-1.08B, "Weakened Plane Joints," of the State Standard Specifications.

7. Contraction joints, expansion joints and gaps between the P.C.C. pad and the existing pavement section shall be cleaned and sealed prior to permitting traffic on the pad. Joint sealing compound shall be type "A" joint seal and shall conform to the provisions of Section 51-1.12F of the State Standard Specifications. The 2 component polyurethane sealant shall be State Specification 8030 - 61J - 01 or approved equal.

BUS STOP AND PASSENGER FACILITIES STANDARD DETAILS

Santa Clara Valley Transportation Authority	BUS STOP PAVEMENT DETAILS TECHNICAL SPECIFICATIONS SHEET 2 OF 3	FIGURE 11
CAD FILE NAME 2008_FSD1101.DWG		DATE AUG 2008

4 BUS PAD NOTES

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

SUBMITTED

DESIGNED B. Silkwood | CHECKED M. Cosentino
DRAWN M. Runchey | CADD FILE NAME 801BR122.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE 03/06/20 | SCALE NTS
SUBMITTAL DATE 06/29/20 | BOARD APPROVAL DATE

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
CIVIL
BRT OCALA STATION
CONSTRUCTION DETAILS - 1

SHEET OF
DRAWING NO. BR131
REVISION A

PCA NO. 000 | CONTRACT NO. C801 | FILE LOCATION PROJECTWISE

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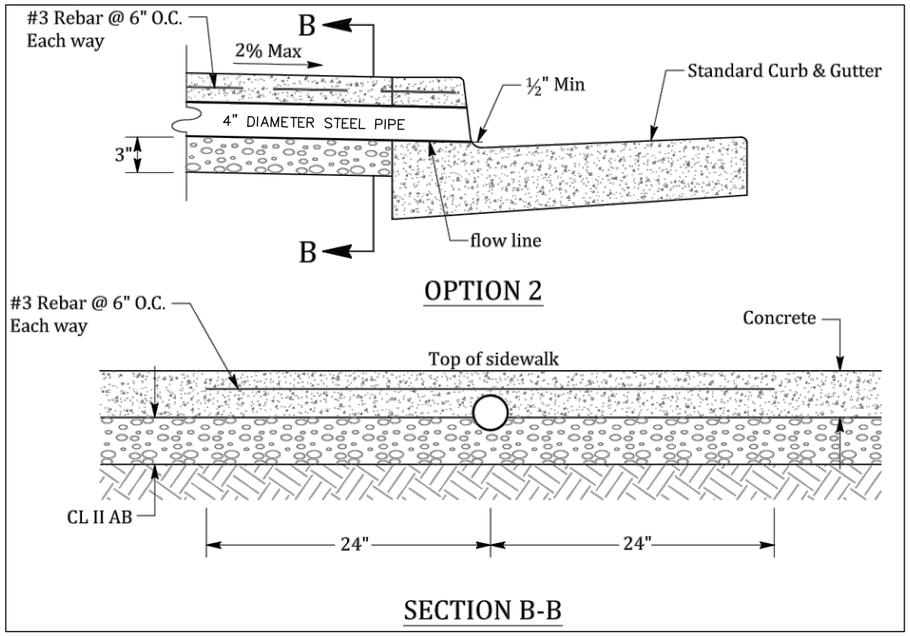

1 CURB DRAIN DETAIL

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

SUBMITTED

DESIGNED	CHECKED
B. Silkwood	M. Cosentino
DRAWN: M. Runchey	CADD FILE NAME: 801BR122.dwg

Santa Clara Valley Transportation Authority

APPROVED

BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
03/06/20	NTS
SUBMITTAL DATE: 06/29/20	BOARD APPROVAL DATE

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
CIVIL
BRT OCALA STATION
CONSTRUCTION DETAILS - 2

SHEET: OF
DRAWING NO.: BR132
REVISION: A

PCA NO.	CONTRACT NO.	FILE LOCATION
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STRUCTURAL DESIGN CRITERIA

GOVERNING CODES:

2016 CALIFORNIA BUILDING CODE (ASCE 7-10)
AISC 360-10: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
AU 318-14: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE

ROOF DESIGN LOADING

UNIFORM LIVE LOAD

TOTAL:	20	PSF

UNIFORM DEAD LOAD

GLAZING:	10	PSF
UTILITIES:	4	PSF
STRUCTURES:	18	PSF
TOTAL DEAD LOAD:	32	PSF
TOTAL:	52	PSF

WIND LOAD:

BASIC WIND SPEED (V) = 110 MPH (MAX 3 SEC GUST)
IMPORTANCE FACTOR (Iw) = 1.0
EXPOSURE CATEGORY = C
OCCUPANCY CATEGORY = II
INTERNAL PRESSURE COEFFICIENT (GCpi) = 0
ENCLOSURE CLASSIFICATION = OPEN

SEISMIC LOAD

IMPORTANCE FACTOR (Ie) = 1.0
OCCUPANCY CATEGORY = II
SPECTRAL RESPONSE ACCELERATION (Ss) = 1.5
SPECTRAL RESPONSE ACCELERATION (S1) = 6.0
DESIGN SPECTRAL RESPONSE ACCELERATION (Sds) = 1.0
DESIGN SPECTRAL RESPONSE ACCELERATION (Sd1) = 0.60
SITE CLASSIFICATION = D
SEISMIC DESIGN CATEGORY = D
BASIC SEISMIC FORCE RESISTING SYSTEM = NON BUILDING STRUCTURES NOT SIMILAR TO BUILDINGS CANTILEVER COLUMN SYSTEM

ANALYSIS PROCEDURE = EQUIV. LATERAL FORCE PROCEDURE
RESPONSE MODIFICATION FACTOR (R) = 3.0
SYSTEM OVERSTRENGTH FACTOR = 2.0
DEFLECTION AMPLIFICATION FACTOR (Cd) = 2.0
FOUNDATION BASE PLATES AND ANCHOR RODS ARE DESIGNED FOR OVERSTRENGTH FACTOR
SEISMIC RESPONSE COEFFICIENT (Cs) = 0.33

LOAD LEGEND AND DESIGN COMBINATIONS

NOTE: SERVICIBILITY LIMIT STATES SHALL USE A LOAD FACTOR OF 1.0 TYPICAL

CODE: 2016 CBC (ASCE 7-10)

STRENGTH DESIGN COMBINATIONS (AISC - LOAD AND RESISTANCE FACTOR DESIGN, LRFD) FOR FOUNDATION DESIGN

DL = DEAD LOAD
LL = LIVE LOAD
W = WIND LOAD
E = SEISMIC LOAD (STRENGTH LEVEL)
LLr = ROOF LIVE LOAD
SL = SNOW LOAD (HAIL)

1. 1.4 DL
2. 1.2 DL + 1.6 LL + 0.5 LLr
3. 1.2 DL + 1.6 LLr + 1.0 LL
4. 1.2 DL + 1.6 LLr +/- 0.5 W
5. 1.2 DL +/- 1.0W + 1.0 LL + 0.5 Lr
6. 1.2 DL +/- 1.0E + 1.0 LL
7. 0.9 DL +/- 1.0W
8. 0.9 DL +/- 1.0E

ALLOWABLE STRESS DESIGN COMBINATIONS (AISC - ASD) FOR STRUCTURAL STEEL DESIGN

1. DL
2. DL + LL
3. DL + LLr (OR SL)
4. DL + 0.75 LL + 0.75 LLr (OR SL)
5. DL + 0.6W
6. DL + 0.7E
7. DL + 0.45W + 0.75 LL + 0.75 LLr (OR SL)
8. DL + 0.525 E + 0.75 LL + 0.75 LLr (OR SL)
9. 0.6 DL + 0.6W
10. 0.6 DL + 0.7 E

REINFORCED CONCRETE:		fy = 60 ksi f'c = 4.0 ksi
STRUCTURAL STEEL:	PLATES AND BARS:	fy = 36 ksi ASTM A36
	ANCHOR RODS:	ASTM F1554, GRADE 55

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER
INES S. LI
No. C51561
Exp. 6-30-22
CIVIL
STATE OF CALIFORNIA

SUBMITTED
BIGGS CARDOSA ASSOCIATES INC
STRUCTURAL ENGINEERS
865 The Alameda
San Jose, California 95126
408-296-5515
BCA

DESIGNED	CHECKED
M. PEDERSON	D. DEVLIN
DRAWN	CADD FILE NAME
S. HICKEY	801SA100.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
06/02/20	AS SHOWN
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
STRUCTURAL
BRT OCALA STATION
STRUCTURAL DESIGN CRITERIA

SHEET	OF
DRAWING NO.	SA100
REVISION	A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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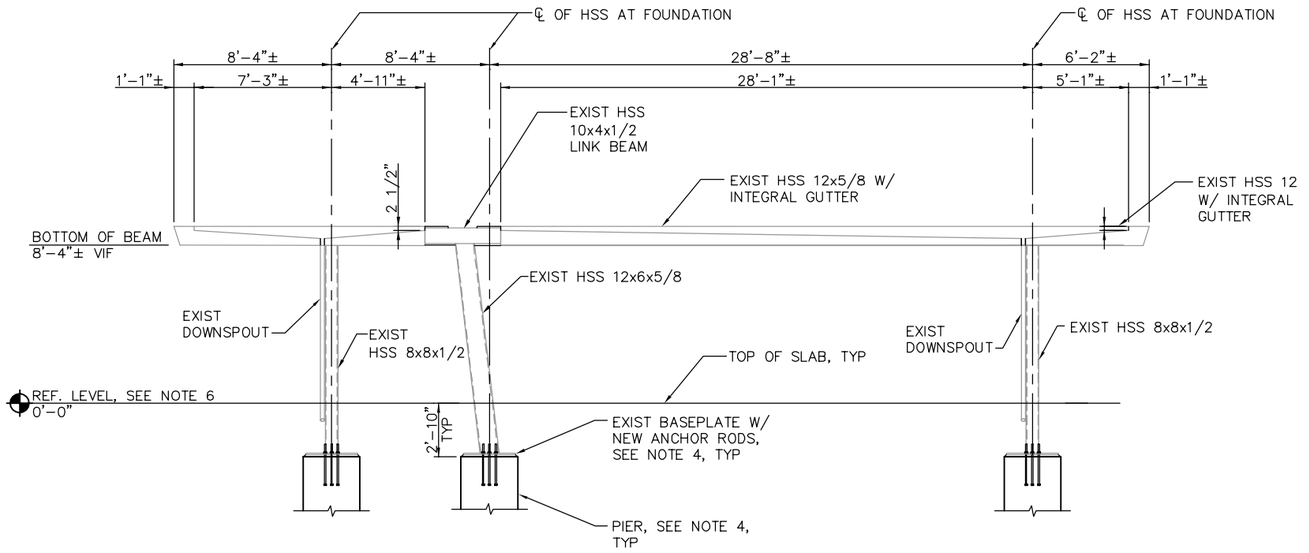


BUS SHELTER ELEVATION

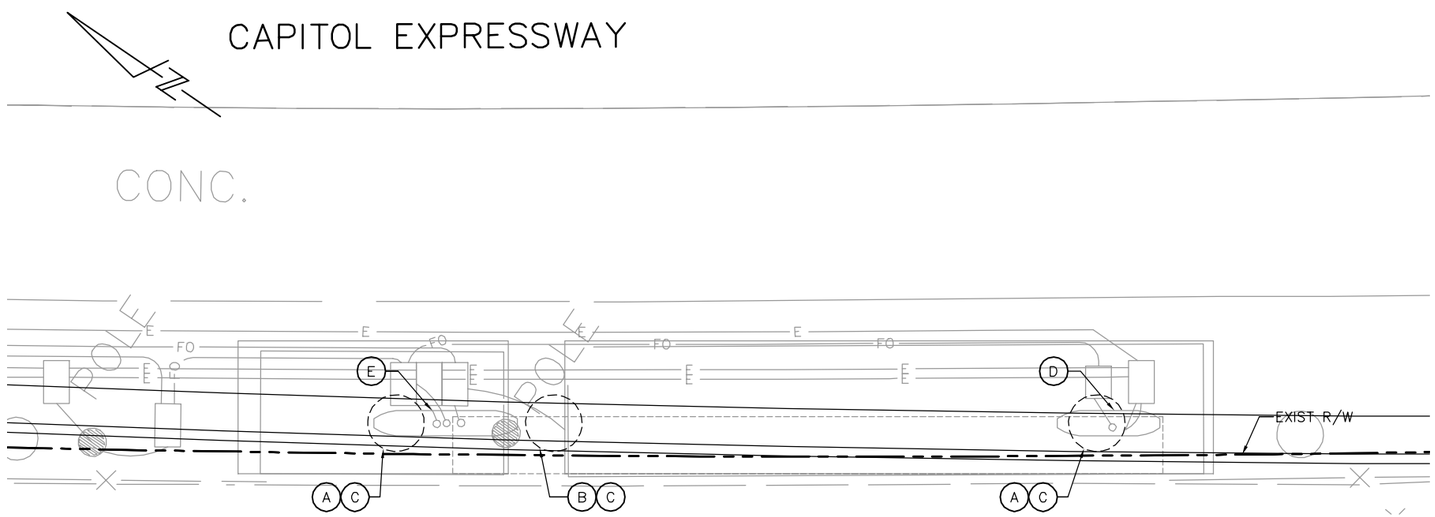
NTS

NOTES:

1. CONTRACTOR MUST SUBMIT A DETAILED DEMOLITION AND SALVAGE PLAN FOR REMOVAL. PLAN MUST DESCRIBE THE ORDER OF WORK, SALVAGE AND PROTECTION OF BRT ELEMENTS, AND DEACTIVIATION/REACTIVIATION PROCEDURES.
2. FOR LOCATIONS OF RELOCATED ELEMENTS, SEE BR DRAWINGS.
3. CONTRACTOR MUST REMOVE EXIST FOOTINGS TO 3' BELOW EXISTING GRADE.
4. FOR FOUNDATION AND ANCHORAGE DETAILS, SEE "FOUNDATION DETAILS No. 2" SHEET.
5. CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE INSTALLING PIER FOUNDATIONS.
6. REFERENCE LEVEL IS TOP OF SIDEWALK ELEVATION TAKEN ALONG COLUMN ℄. SEE BR DRAWINGS.

LEGEND

- (A) EXIST HSS 8x8x5/8 COLUMN
- (B) EXIST HSS 12x6x5/8
- (C) 3'-0" DIA PIER. SEE "FOUNDATION DETAILS" SHEETS
- (D) EXIST ELECTRICAL PIER & CABINET FRAMING
- (E) EXIST COMMPIER & CABINET FRAMING



BUS SHELTER PLAN

NTS

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

INES S. LI No. C51561 Exp. 6-30-22 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

SUBMITTED
BIGGS CARDOSA ASSOCIATES INC
STRUCTURAL ENGINEERS
865 The Alameda
San Jose, California 95126
408-296-5515
BCA

DESIGNED	CHECKED
M. PEDERSON	D. DEVLIN
DRAWN	CADD FILENAME
S. HICKEY	801SP101.dwg

Santa Clara Valley Transportation Authority

APPROVED
BkF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

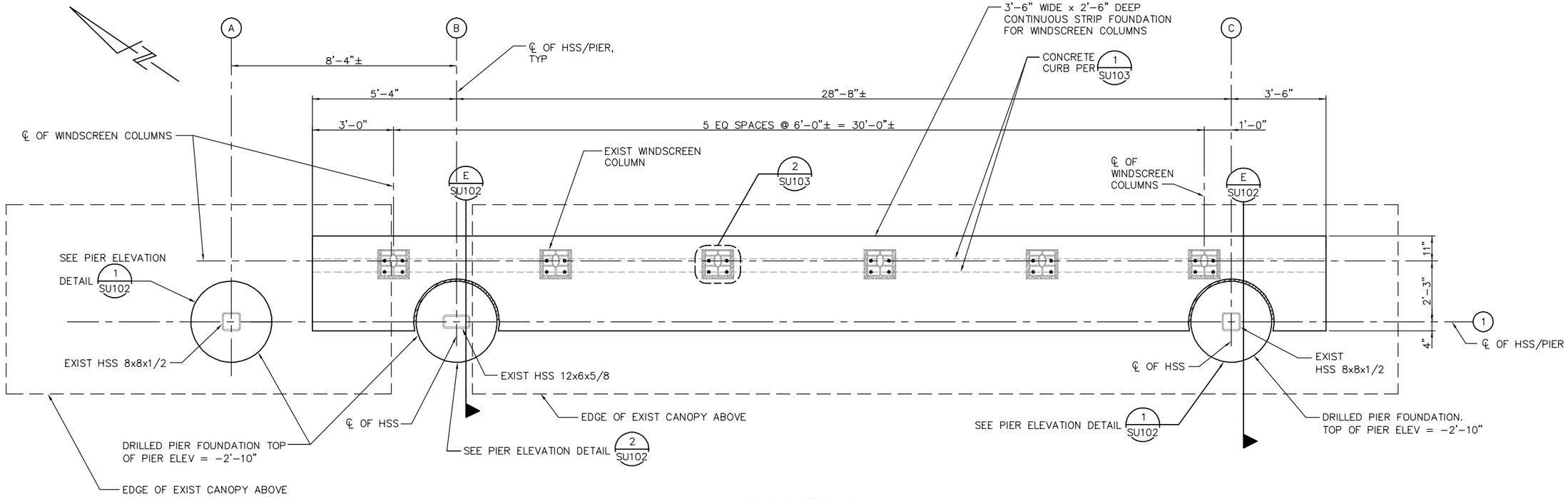
CADD FILE DATE	SCALE
06/02/20	AS SHOWN
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
STRUCTURAL
BRT OCALA STATION
BUS SHELTER PLAN & ELEVATION

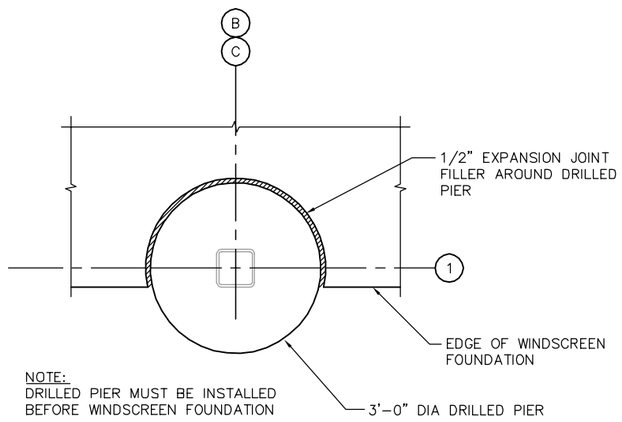
SHEET OF
DRAWING NO. SP101
REVISION A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

Jun 21, 2020 - 8:21am W:\2017\2017103\OCALA_BUS_SHELTER\801SP101.dwg SMH



FOUNDATION PLAN
1/2" = 1'-0"



NOTE:
DRILLED PIER MUST BE INSTALLED BEFORE WINDSCREEN FOUNDATION

WINDSCREEN FOUNDATION INTERFACED WITH DRILLED PIER, TYP

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

INES S. LI
No. C51561
Exp. 6-30-22
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

SUBMITTED
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865 The Alameda
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BCA

DESIGNED	CHECKED
M. PEDERSON	D. DEVLIN
DRAWN	CADD FILE NAME
S. HICKEY	801SU101.dwg

Santa Clara Valley Transportation Authority

APPROVED
BKF 100+ YEARS
ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
05/18/20	AS SHOWN
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
STRUCTURAL
BRT OCALA STATION
FOUNDATION DETAILS NO.1

SHEET	OF
DRAWING NO.	SU101
REVISION	A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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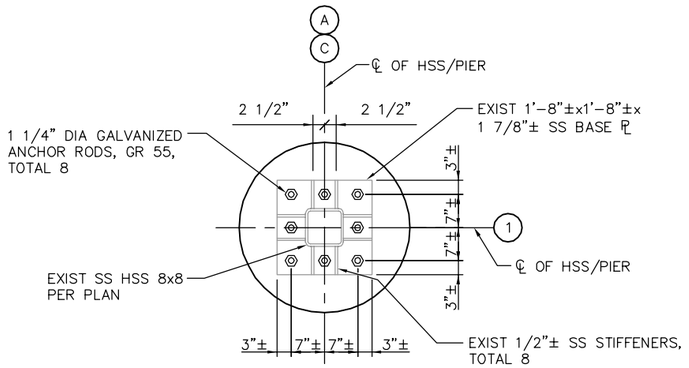
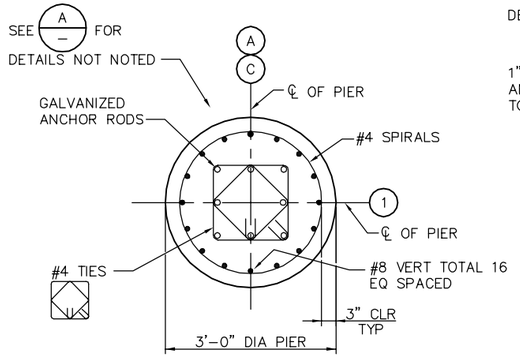
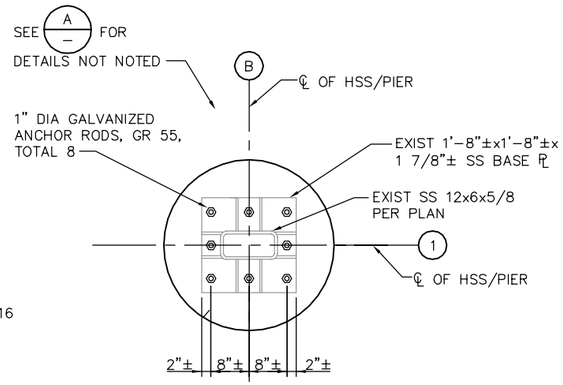


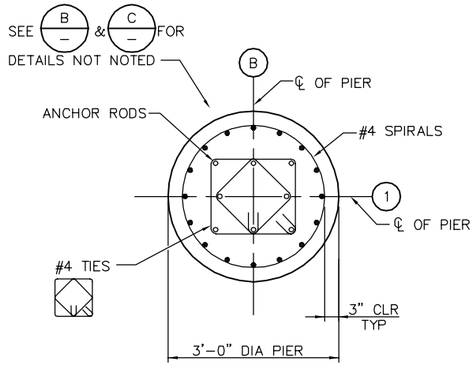
A / – SECTION
3/4" = 1'-0"



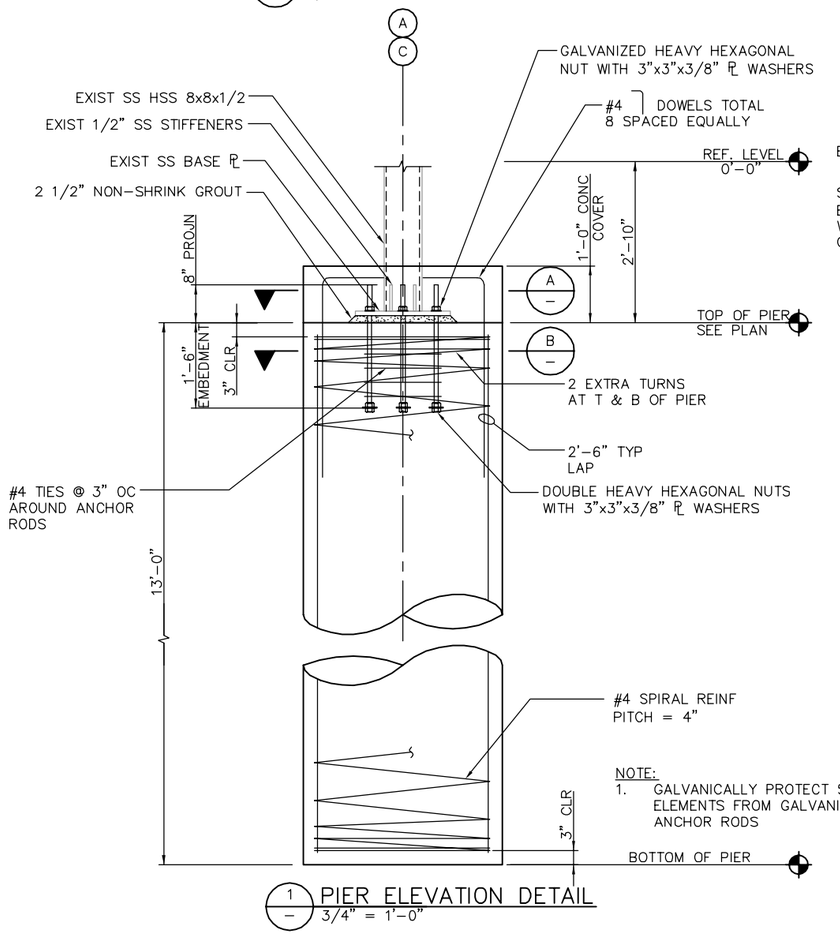
B / – SECTION
3/4" = 1'-0"



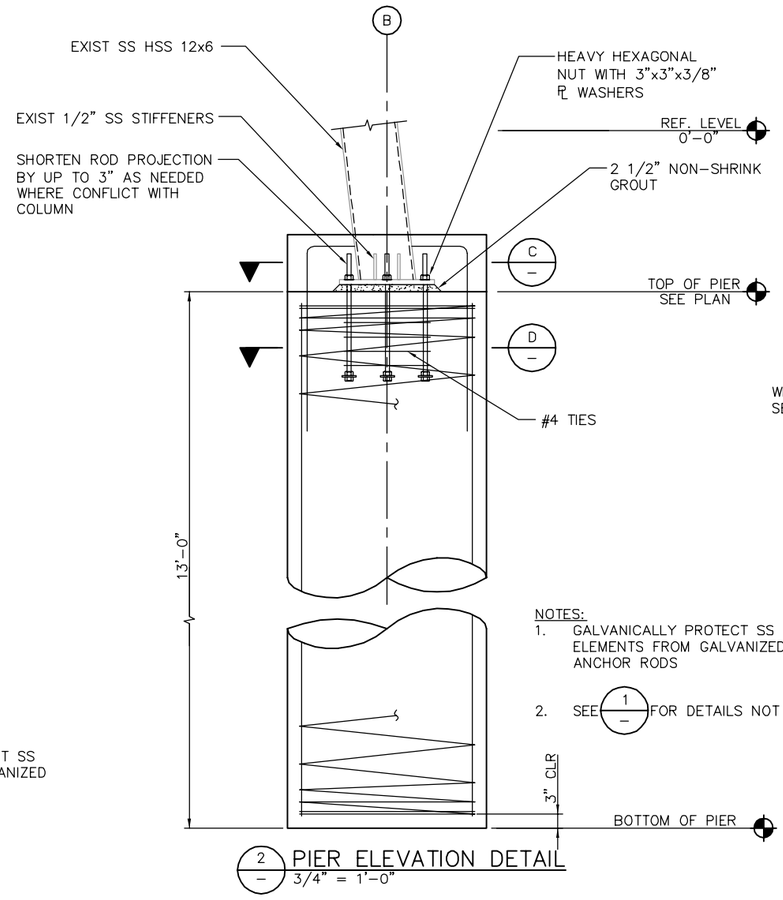
C / – SECTION
3/4" = 1'-0"



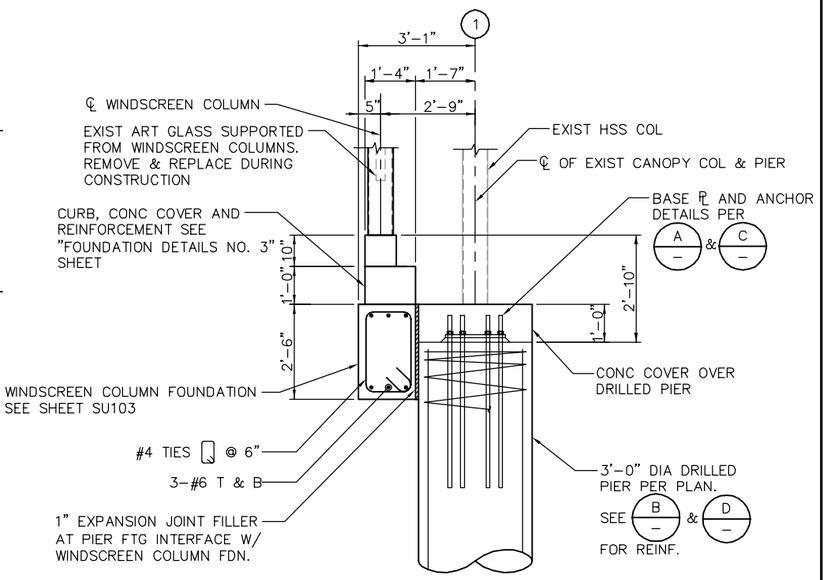
D / – SECTION
3/4" = 1'-0"



1 / – PIER ELEVATION DETAIL
3/4" = 1'-0"



2 / – PIER ELEVATION DETAIL
3/4" = 1'-0"



E / – SECTION
1/2" = 1'-0"

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — INES S. LI — No. C51561 — Exp. 6-30-22 — CIVIL — STATE OF CALIFORNIA

SUBMITTED
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STRUCTURAL ENGINEERS
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Santa Clara Valley Transportation Authority

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CADD FILE DATE	SCALE
05/18/20	AS SHOWN
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
STRUCTURAL
BRT OCALA STATION
FOUNDATION DETAILS No.2

SHEET	OF
DRAWING NO.	SU102
REVISION	A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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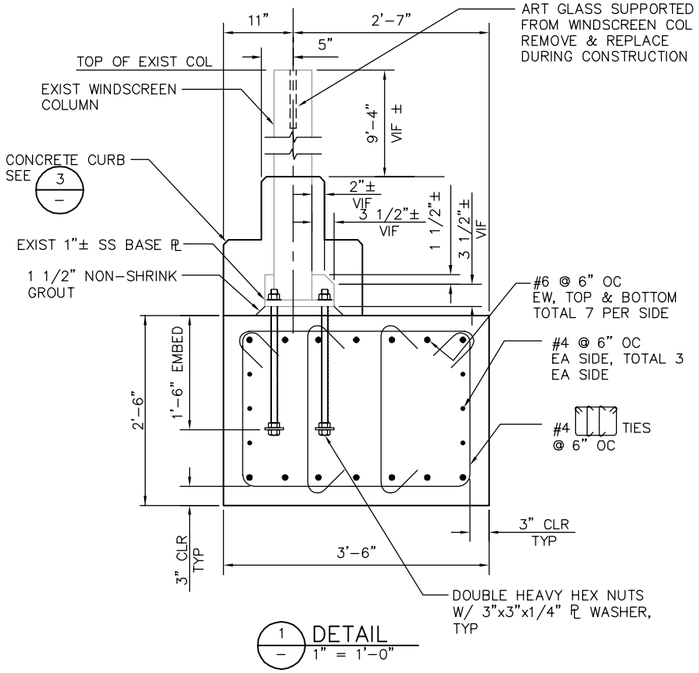
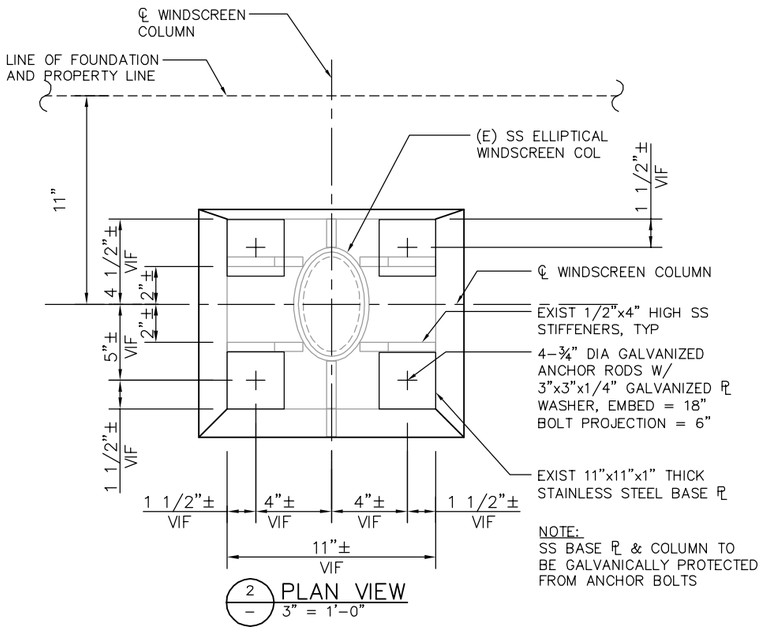
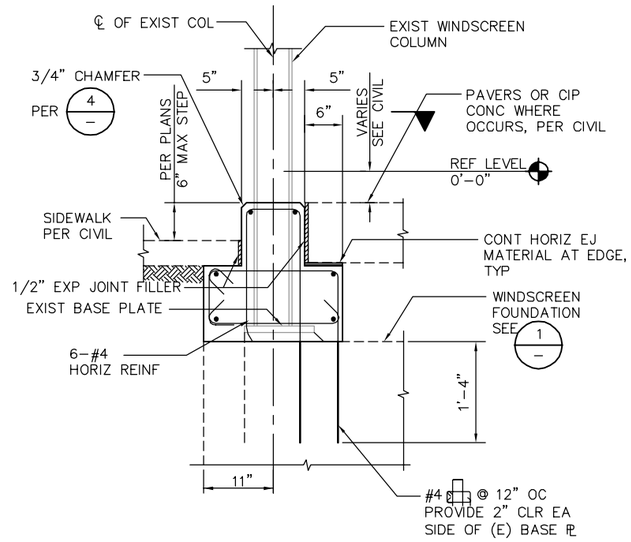


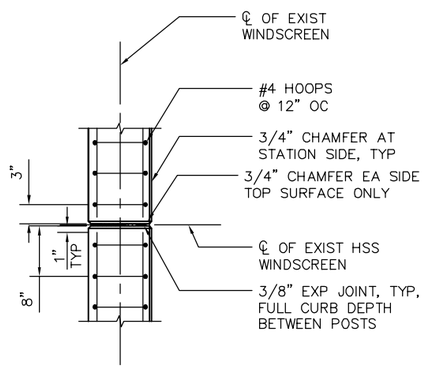
1 — 1" = 1'-0"
DETAIL



2 — 3" = 1'-0"
PLAN VIEW



3 — 1" = 1'-0"
CONC CURB AT WINDSCREEN



4 — 1" = 1'-0"
PLAN VIEW

NO.	DATE	REVISIONS
A	06/20	95% SUBMITTAL SET

REGISTERED PROFESSIONAL ENGINEER — INES S. LI — No. C51561 — Exp. 6-30-22 — CIVIL — STATE OF CALIFORNIA

SUBMITTED
BIGGS CARDOSA ASSOCIATES INC
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Santa Clara Valley Transportation Authority

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ENGINEERS / SURVEYORS / PLANNERS

CADD FILE DATE	SCALE
06/15/20	AS SHOWN
SUBMITTAL DATE	BOARD APPROVAL DATE
06/29/20	

EASTRIDGE TO BART REGIONAL CONNECTOR
CAPITOL EXPRESSWAY LIGHT RAIL PROJECT
STRUCTURAL
BRT OCALA STATION
FOUNDATION DETAILS No.3

SHEET	OF
DRAWING NO.	SU103
REVISION	A

PCA NO.	CONTRACT NO.	FILE LOCATION
000	C801	PROJECTWISE

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