

Bakersfield to Palmdale

VOLUME 3
RECORD SET PEPD
DESIGN SUBMISSION
JANUARY 2021



GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		COVER SHEET
2	GE-B0001	GENERAL - INDEX OF DRAWINGS - SHEET 1 OF 49
3	GE-B0002	ALTERNATIVE 1,2,3,5 - TRACK - INDEX OF DRAWINGS - SHEET 2 OF 49
4	GE-B0003	ALTERNATIVE 1,2,3,5 - TRACK - INDEX OF DRAWINGS - SHEET 3 OF 49
5	GE-B0004	ALTERNATIVE 1,2,3,5 - ROADWAY - INDEX OF DRAWINGS - SHEET 4 OF 49
6	GE-B0005	ALTERNATIVE 1,2,3,5 - ROADWAY - INDEX OF DRAWINGS - SHEET 5 OF 49
7	GE-B0006	ALTERNATIVE 1,2,3,5 - ROADWAY - INDEX OF DRAWINGS - SHEET 6 OF 49
8	GE-B0007	ALTERNATIVE 1,2,3,5 - ROADWAY - INDEX OF DRAWINGS - SHEET 7 OF 49
9	GE-B0008	ALTERNATIVE 1,2,3,5 - ALTERNATIVE 1,2,3,5 - CONSTRUCTION SEQUENCING - INDEX OF DRAWINGS - SHEET 8 OF 49
10	GE-B0009	ALTERNATIVE 1,2,3,5 - GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 9 OF 49
11	GE-B0010	ALTERNATIVE 1,2,3,5 - GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 10 OF 49
12	GE-B0011	ALTERNATIVE 1,2,3,5 - GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 11 OF 49
13	GE-B0012	ALTERNATIVE 1,2,3,5 - GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 12 OF 49
14	GE-B0013	ALTERNATIVE 1,2,3,5 - GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 13 OF 49
15	GE-B0014	ALTERNATIVE 1,2,3,5 - GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 14 OF 49
16	GE-B0015	ALTERNATIVE 1,2,3,5 - TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS - SHEET 15 OF 49
17	GE-B0016	ALTERNATIVE 1,2,3,5 - TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS - SHEET 16 OF 49
18	GE-B0017	ALTERNATIVE 1,2,3,5 - MAINTENANCE OF WAY - INDEX OF DRAWINGS - SHEET 17 OF 49
19	GE-B0018	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS - INDEX OF DRAWINGS - SHEET 18 OF 49
20	GE-B0019	ALTERNATIVE 1,2,3,5 - TRACTION POWER - INDEX OF DRAWINGS - SHEET 19 OF 49
21	GE-B0020	ALTERNATIVE 1,2,3,5 - TRAIN CONTROL - INDEX OF DRAWINGS - SHEET 20 OF 49
22	GE-B0021	ALTERNATIVE 1,2,3,5 - TUNNEL - INDEX OF DRAWINGS - SHEET 21 OF 49
23	GE-B0022	ALTERNATIVE 1,2,3,5 - UTILITIES - INDEX OF DRAWINGS - SHEET 22 OF 49
24	GE-B0023	ALTERNATIVE 1,2,3,5 - UTILITIES - INDEX OF DRAWINGS - SHEET 23 OF 49
25	GE-B0024	ALTERNATIVE 1,2,3,5 - UTILITIES - INDEX OF DRAWINGS - SHEET 24 OF 49
26	GE-B0025	ALTERNATIVE 1,2,3,5 - UTILITIES - INDEX OF DRAWINGS - SHEET 25 OF 49
27	GE-B0026	CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWINGS - SHEET 26 OF 49
28	GE-B0027	CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWINGS - SHEET 27 OF 49
29	GE-B0028	REFINED CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWINGS - SHEET 28 OF 49
30	GE-B0029	REFINED CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWINGS - SHEET 29 OF 49
31	GE-B0030	REFINED CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWINGS - SHEET 30 OF 49
32	GE-B0031	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 31 OF 49
33	GE-B0032	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 32 OF 49
34	GE-B0033	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 33 OF 49
35	GE-B0034	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 34 OF 49
36	GE-B0035	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 35 OF 49
37	GE-B0036	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 36 OF 49
38	GE-B0037	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 37 OF 49
39	GE-B0038	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 38 OF 49
40	GE-B0039	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 39 OF 49
41	GE-B0040	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 40 OF 49
42	GE-B0041	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 41 OF 49
43	GE-B0042	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 42 OF 49
44	GE-B0043	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 43 OF 49
45	GE-B0044	LOCALLY GENERATED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 44 OF 49
46	GE-B0045	LOCALLY GENERATED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 45 OF 49
47	GE-B0046	LOCALLY GENERATED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 46 OF 49
48	GE-B0047	PALMDALE SUBSECTION - GENERAL - INDEX OF DRAWINGS - SHEET 47 OF 49
49	GE-B0048	PALMDALE SUBSECTION - GENERAL - INDEX OF DRAWINGS - SHEET 48 OF 49
50	GE-B0049	PALMDALE SUBSECTION - GENERAL - INDEX OF DRAWINGS - SHEET 49 OF 49

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4/7/2021

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH

DRAWN BY
B. MOZAFFARIAN

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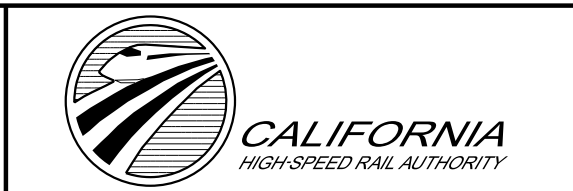
IN CHARGE
G. CAMPBELL

DATE
1/29/2021

**RECORD SET
PEPD SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

GENERAL
INDEX OF DRAWINGS
SHEET 1 OF 49

CONTRACT NO.
HSR13-44

DRAWING NO.
GE-B0001

SCALE
NONE

SHEET NO.
2

TRACK GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		COVER SHEET
2	TT-B0002	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 1 OF 2
3	TT-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 2 OF 2
4	TT-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
5	TT-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
6	TT-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 3
7	TT-B0007	ALTERNATIVE 1,2,3,5 - GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
8	TT-B0008	ALTERNATIVE 1 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 1 OF 8
9	TT-B0009	ALTERNATIVE 1 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 2 OF 8
10	TT-B0010	ALTERNATIVE 2 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 3 OF 8
11	TT-B0011	ALTERNATIVE 2 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 4 OF 8
12	TT-B0012	ALTERNATIVE 3 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 5 OF 8
13	TT-B0013	ALTERNATIVE 3 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 6 OF 8
14	TT-B0014	ALTERNATIVE 5 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 7 OF 8
15	TT-B0015	ALTERNATIVE 5 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 8 OF 8
16	TT-B3001	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 1 OF 18
17	TT-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 2 OF 18
18	TT-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 3 OF 18
19	TT-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 4 OF 18
20	TT-B3005	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 5 OF 18
21	TT-B3006	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 6 OF 18
22	TT-B3007	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 7 OF 18
23	TT-B3008	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 8 OF 18
24	TT-B3009	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 9 OF 18
25	TT-B3010	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 10 OF 18
26	TT-B3011	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 11 OF 18
27	TT-B3012	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 12 OF 18
28	TT-B3013	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 13 OF 18
29	TT-B3014	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 14 OF 18
30	TT-B3015	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 15 OF 18
31	TT-B3016	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 16 OF 18
32	TT-B3017	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 17 OF 18
33	TT-B3018	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 18 OF 18
34	TT-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
35	TT-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
36	TT-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
37	TT-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
38	TT-C6005	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 1 OF 2
39	TT-C6006	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 2 OF 2
40	TT-C6007	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 1 OF 2
41	TT-C6008	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 2 OF 2

ALIGNMENT PLAN AND PROFILE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
56	TT-D1015	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17735+00 TO 17785+00 - PLAN AND PROFILE
57	TT-D1016	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17785+00 TO 17835+00 - PLAN AND PROFILE
58	TT-D1017	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17835+00 TO 17885+00 - PLAN AND PROFILE
59	TT-D1018	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 17885+00 TO 17935+00 - PLAN AND PROFILE
60	TT-D1019	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 17935+00 TO 17985+00 - PLAN AND PROFILE
61	TT-D1020	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 17985+00 TO 18035+00 - PLAN AND PROFILE
62	TT-D1021	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18035+00 TO 18085+00 - PLAN AND PROFILE
63	TT-D1022	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18085+00 TO 18135+00 - PLAN AND PROFILE
64	TT-D1023	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18135+00 TO 18185+00 - PLAN AND PROFILE
65	TT-D1024	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18185+00 TO 18235+00 - PLAN AND PROFILE
66	TT-D1025	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18235+00 TO 18285+00 - PLAN AND PROFILE
67	TT-D1026	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18285+00 TO 18335+00 - PLAN AND PROFILE
68	TT-D1027	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18335+00 TO 18385+00 - PLAN AND PROFILE
69	TT-D1028	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18385+00 TO 18435+00 - PLAN AND PROFILE
70	TT-D1029	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18435+00 TO 18485+00 - PLAN AND PROFILE
71	TT-D1030	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18485+00 TO 18535+00 - PLAN AND PROFILE
72	TT-D1031	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18535+00 TO 18585+00 - PLAN AND PROFILE
73	TT-D1032	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18585+00 TO 18635+00 - PLAN AND PROFILE
74	TT-D1033	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18635+00 TO 18685+00 - PLAN AND PROFILE
75	TT-D1034	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18685+00 TO 18735+00 - PLAN AND PROFILE
76	TT-D1035	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18735+00 TO 18785+00 - PLAN AND PROFILE
77	TT-D1036	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18785+00 TO 18835+00 - PLAN AND PROFILE
78	TT-D1037	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18835+00 TO 18885+00 - PLAN AND PROFILE
79	TT-D1038	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18885+00 TO 18935+00 - PLAN AND PROFILE
80	TT-D1039	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18935+00 TO 18985+00 - PLAN AND PROFILE
81	TT-D1040	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18985+00 TO 19035+00 - PLAN AND PROFILE
82	TT-D1041	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19035+00 TO 19085+00 - PLAN AND PROFILE
83	TT-D1042	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19085+00 TO 19110+00 - PLAN AND PROFILE
84	TT-D1043	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19110+00 TO 19135+00 - PLAN AND PROFILE
85	TT-D1044	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19135+00 TO 19160+00 - PLAN AND PROFILE
86	TT-D1045	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19160+00 TO 19185+00 - PLAN AND PROFILE
87	TT-D1046	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19185+00 TO 19210+00 - PLAN AND PROFILE
88	TT-D1047	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19210+00 TO 19235+00 - PLAN AND PROFILE
89	TT-D1048	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19235+00 TO 19285+00 - PLAN AND PROFILE
90	TT-D1049	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19285+00 TO 19335+00 - PLAN AND PROFILE
91	TT-D1050	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19335+00 TO 19385+00 - PLAN AND PROFILE
92	TT-D1051	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19385+00 TO 19435+00 - PLAN AND PROFILE
93	TT-D1052	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19435+00 TO 19485+00 - PLAN AND PROFILE
94	TT-D1053	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19485+00 TO 19535+00 - PLAN AND PROFILE
95	TT-D1054	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19535+00 TO 19585+00 - PLAN AND PROFILE
96	TT-D1055	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19585+00 TO 19635+00 - PLAN AND PROFILE
97	TT-D1056	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19635+00 TO 19685+00 - PLAN AND PROFILE
98	TT-D1057	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19685+00 TO 19735+00 - PLAN AND PROFILE
99	TT-D1058	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19735+00 TO 19785+00 - PLAN AND PROFILE
100	TT-D1059	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19785+00 TO 19835+00 - PLAN AND PROFILE
101	TT-D1060	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19835+00 TO 19885+00 - PLAN AND PROFILE
102	TT-D1061	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19885+00 TO 19935+00 - PLAN AND PROFILE
103	TT-D1062	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19935+00 TO 19985+00 - PLAN AND PROFILE
104	TT-D1063	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19985+00 TO 20035+00 - PLAN AND PROFILE
105	TT-D1064	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20035+00 TO 20085+00 - PLAN AND PROFILE
106	TT-D1065	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20085+00 TO 20135+00 - PLAN AND PROFILE
107	TT-D1066	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20135+00 TO 20185+00 - PLAN AND PROFILE
108	TT-D1067	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20185+00 TO 20235+00 - PLAN AND PROFILE
109	TT-D1068	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20235+00 TO 20285+00 - PLAN AND PROFILE
110	TT-D1069	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20285+00 TO 20335+00 - PLAN AND PROFILE
111	TT-D1070	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20335+00 TO 20385+00 - PLAN AND PROFILE
112	TT-D1071	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20385+00 TO 20435+00 - PLAN AND PROFILE
113	TT-D1072	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20435+00 TO 20485+00 - PLAN AND PROFILE
114	TT-D1073	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20485+00 TO 20535+00 - PLAN AND PROFILE
115	TT-D1074	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20535+00 TO 20585+00 - PLAN AND PROFILE

ALIGNMENT PLAN AND PROFILE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
42	TT-D1001	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17285+00 TO 17310+00 - PLAN AND PROFILE
43	TT-D1002	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17310+00 TO 17335+00 - PLAN AND PROFILE
44	TT-D1003	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17335+00 TO 17360+00 - PLAN AND PROFILE
45	TT-D1004	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17360+00 TO 17385+00 - PLAN AND PROFILE
46	TT-D1005	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17385+00 TO 17410+00 - PLAN AND PROFILE
47	TT-D1006	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17410+00 TO 17435+00 - PLAN AND PROFILE
48	TT-D1007	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17435+00 TO 17460+00 - PLAN AND PROFILE
49	TT-D1008	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17460+00 TO 17485+00 - PLAN AND PROFILE
50	TT-D1009	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17485+00 TO 17510+00 - PLAN AND PROFILE
51	TT-D1010	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17510+00 TO 17535+00 - PLAN AND PROFILE
52	TT-D1011	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17535+00 TO 17585+00 - PLAN AND PROFILE
53	TT-D1012	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17585+00 TO 17635+00 - PLAN AND PROFILE
54	TT-D1013	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17635+00 TO 17685+00 - PLAN AND PROFILE
55	TT-D1014	ALTERNATIVE 1,3,5 - TRACK GUIDEWAY - STA 17685+00 TO 17735+00 - PLAN AND PROFILE

Projects\701206.00_CHSRBP_V00_CADD_Sheet_Files\GE\Volume_3_Master_Index_VBP-GE-B0002 5:14:17 PM katharine.baker@tylin.com 3/9/2021

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
TRACK
INDEX OF DRAWINGS
SHEET 2 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0002
SCALE
NONE
SHEET NO.
3

ALIGNMENT PLAN AND PROFILE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
116	TT-D1075	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20585+00 TO 20635+00 - PLAN AND PROFILE
117	TT-D1076	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20635+00 TO 20685+00 - PLAN AND PROFILE
118	TT-D1077	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20685+00 TO 20735+00 - PLAN AND PROFILE
119	TT-D1078	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20735+00 TO 20785+00 - PLAN AND PROFILE
120	TT-D1079	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20785+00 TO 20835+00 - PLAN AND PROFILE
121	TT-D1080	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20835+00 TO 20860+00 - PLAN AND PROFILE
122	TT-D1081	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20860+00 TO 20885+00 - PLAN AND PROFILE
123	TT-D1082	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20885+00 TO 20910+00 - PLAN AND PROFILE
124	TT-D1083	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20910+00 TO 20935+00 - PLAN AND PROFILE
125	TT-D1084	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20935+00 TO 20960+00 - PLAN AND PROFILE
126	TT-D1085	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20960+00 TO 20985+00 - PLAN AND PROFILE
127	TT-D1086	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20985+00 TO 21010+00 - PLAN AND PROFILE
128	TT-D1087	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21010+00 TO 21035+00 - PLAN AND PROFILE
129	TT-D1088	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21035+00 TO 21060+00 - PLAN AND PROFILE
130	TT-D1089	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21060+00 TO 21085+00 - PLAN AND PROFILE
131	TT-D1090	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21085+00 TO 21110+00 - PLAN AND PROFILE
132	TT-D1091	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21110+00 TO 21135+00 - PLAN AND PROFILE
133	TT-D1092	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21135+00 TO 21185+00 - PLAN AND PROFILE
134	TT-D1093	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21185+00 TO 21235+00 - PLAN AND PROFILE
135	TT-D1101	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17285+00 TO 17310+00 - PLAN AND PROFILE
136	TT-D1102	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17310+00 TO 17335+00 - PLAN AND PROFILE
137	TT-D1103	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17335+00 TO 17360+00 - PLAN AND PROFILE
138	TT-D1104	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17360+00 TO 17385+00 - PLAN AND PROFILE
139	TT-D1105	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17385+00 TO 17410+00 - PLAN AND PROFILE
140	TT-D1106	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17410+00 TO 17435+00 - PLAN AND PROFILE
141	TT-D1107	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17435+00 TO 17460+00 - PLAN AND PROFILE
142	TT-D1108	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17460+00 TO 17485+00 - PLAN AND PROFILE
143	TT-D1109	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17485+00 TO 17510+00 - PLAN AND PROFILE
144	TT-D1110	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17510+00 TO 17535+00 - PLAN AND PROFILE
145	TT-D1111	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17535+00 TO 17585+00 - PLAN AND PROFILE
146	TT-D1112	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17585+00 TO 17635+00 - PLAN AND PROFILE
147	TT-D1113	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17635+00 TO 17685+00 - PLAN AND PROFILE
148	TT-D1114	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17685+00 TO 17735+00 - PLAN AND PROFILE
149	TT-D1115	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17735+00 TO 17785+00 - PLAN AND PROFILE
150	TT-D1116	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17785+00 TO 17835+00 - PLAN AND PROFILE
151	TT-D1117	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17835+00 TO 17885+00 - PLAN AND PROFILE
152	TT-D1118	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17885+00 TO 17908+22.06 - PLAN AND PROFILE
153	TT-D1120	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19285+00 TO 19335+00 - PLAN AND PROFILE
154	TT-D1121	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19335+00 TO 19385+00 - PLAN AND PROFILE
155	TT-D1122	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19385+00 TO 19435+00 - PLAN AND PROFILE
156	TT-D1123	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19435+00 TO 19485+00 - PLAN AND PROFILE
157	TT-D1124	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19485+00 TO 19535+00 - PLAN AND PROFILE
158	TT-D1125	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19535+00 TO 19585+00 - PLAN AND PROFILE
159	TT-D1126	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19585+00 TO 19635+00 - PLAN AND PROFILE
160	TT-D1127	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19635+00 TO 19685+00 - PLAN AND PROFILE
161	TT-D1128	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19685+00 TO 19735+00 - PLAN AND PROFILE
162	TT-D1129	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19735+00 TO 19785+00 - PLAN AND PROFILE
163	TT-D1130	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19785+00 TO 19835+00 - PLAN AND PROFILE
164	TT-D1131	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19835+00 TO 19885+00 - PLAN AND PROFILE
165	TT-D1132	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19885+00 TO 19935+00 - PLAN AND PROFILE
166	TT-D1133	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19935+00 TO 19985+00 - PLAN AND PROFILE
167	TT-D1134	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19985+00 TO 20035+00 - PLAN AND PROFILE
168	TT-D1201	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20685+00 TO 20735+00 - PLAN AND PROFILE
169	TT-D1202	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20735+00 TO 20785+00 - PLAN AND PROFILE
170	TT-D1203	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20785+00 TO 20835+00 - PLAN AND PROFILE
171	TT-D1204	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20835+00 TO 20860+00 - PLAN AND PROFILE
172	TT-D1205	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20860+00 TO 20885+00 - PLAN AND PROFILE
173	TT-D1206	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20885+00 TO 20910+00 - PLAN AND PROFILE
174	TT-D1207	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20910+00 TO 20935+00 - PLAN AND PROFILE
175	TT-D1208	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20935+00 TO 20960+00 - PLAN AND PROFILE

ALIGNMENT PLAN AND PROFILE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
176	TT-D1209	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20960+00 TO 20985+00 - PLAN AND PROFILE
177	TT-D1210	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20985+00 TO 21010+00 - PLAN AND PROFILE
178	TT-D1211	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21010+00 TO 21035+00 - PLAN AND PROFILE
179	TT-D1212	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21035+00 TO 21060+00 - PLAN AND PROFILE
180	TT-D1213	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21060+00 TO 21085+00 - PLAN AND PROFILE
181	TT-D1214	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21085+00 TO 21110+00 - PLAN AND PROFILE
182	TT-D1215	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21110+00 TO 21135+00 - PLAN AND PROFILE
183	TT-D1216	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21135+00 TO 21185+00 - PLAN AND PROFILE
184	TT-D1217	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21185+00 TO 21235+00 - PLAN AND PROFILE
185	TT-D1230	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 10+00 TO 35+00 - PLAN AND PROFILE
186	TT-D1231	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 35+00 TO 60+00 - PLAN AND PROFILE
187	TT-D1232	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 60+00 TO 85+00 - PLAN AND PROFILE
188	TT-D1233	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 85+00 TO 110+00 - PLAN AND PROFILE
189	TT-D1234	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 110+00 TO 135+00 - PLAN AND PROFILE
190	TT-D1235	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 135+00 TO 160+00 - PLAN AND PROFILE
191	TT-D1236	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 160+00 TO 185+00 - PLAN AND PROFILE
192	TT-D1237	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 185+00 TO 210+00 - PLAN AND PROFILE
193	TT-D1238	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 210+00 TO 235+00 - PLAN AND PROFILE
194	TT-D1239	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 235+00 TO 243+78.47 - PLAN AND PROFILE
195	TT-D1249	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STORAGE TRACKS - PLAN
196	TT-D1250	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 10+00 TO 35+00 - PLAN AND PROFILE
197	TT-D1251	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 35+00 TO 60+00 - PLAN AND PROFILE
198	TT-D1252	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 60+00 TO 85+00 - PLAN AND PROFILE
199	TT-D1253	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 85+00 TO 110+00 - PLAN AND PROFILE
200	TT-D1254	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 110+00 TO 120+32.03 - PLAN AND PROFILE

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\GE\Volume 3 Master_Index_VBP-GE-B0003 5:14:01 PM 3/9/2021 katharine.baker@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
TRACK
INDEX OF DRAWINGS
SHEET 3 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0003
SCALE
NONE
SHEET NO.
4

ROADWAY GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1	CV-A0001	ALTERNATIVE 1,2,3,5 - GENERAL - TITLE SHEET
2	CV-B0002	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 1 OF 4
3	CV-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 2 OF 4
4	CV-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 3 OF 4
5	CV-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 4 OF 4
6	CV-B0006	ABBREVIATIONS
7	CV-B0007	ABBREVIATIONS
8	CV-B0008	ABBREVIATIONS
9	CV-B0009	SYMBOLS, LEGEND, AND GENERAL NOTES
10	CV-B3001	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
11	CV-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
12	CV-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
13	CV-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
14	CV-B3005	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
15	CV-B3006	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
16	CV-B3007	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
17	CV-B3008	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
18	CV-B3009	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
19	CV-B3010	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
20	CV-B3011	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
21	CV-B3051	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
22	CV-B3053	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
23	CV-B3054	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
24	CV-B3055	ALTERNATIVE 1,2,5 - GENERAL - TYPICAL SECTIONS
25	CV-B3056	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
26	CV-B3100	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
27	CV-B3101	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
28	CV-B3102	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
29	CV-B3107	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
30	CV-B3108	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
31	CV-B3109	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
32	CV-B3110	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
33	CV-B3111	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
34	CV-B3113	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
35	CV-B3114	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
36	CV-B3115	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
37	CV-B3116	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
38	CV-B3117	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
39	CV-B3118	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
40	CV-B3119	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
41	CV-B3120	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
42	CV-B3121	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
43	CV-B3122	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
44	CV-B3123	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
45	CV-B3124	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
46	CV-B3125	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
47	CV-B3126	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
48	CV-B3151	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
49	CV-B3501	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
50	CV-B3502	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
51	CV-B3503	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
52	CV-B3504	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
53	CV-B3508	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
54	CV-B3509	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
55	CV-B3510	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
56	CV-B3511	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
57	CV-B3512	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
58	CV-B3514	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
59	CV-B3515	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
60	CV-B3516	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS

ROADWAY GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
61	CV-B3517	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
62	CV-B3518	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
63	CV-B3519	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
64	CV-B3520	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
65	CV-B3521	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
66	CV-B3522	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
67	CV-B3523	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
68	CV-B3524	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
69	CV-B3526	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
70	CV-B3527	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
71	CV-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
72	CV-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
73	CV-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
74	CV-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
75	CV-C6005	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 1 OF 2
76	CV-C6006	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 2 OF 2
77	CV-C6007	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 1 OF 2
78	CV-C6008	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 2 OF 2

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
79	CV-R1000	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
80	CV-R1001	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
81	CV-R1002	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
82	CV-R1003	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
83	CV-R1004	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
84	CV-R1005	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
85	CV-R1006	ALTERNATIVE 1,2,3,5 - ROADWAY - MORNING DRIVE - PLAN
86	CV-R1007	ALTERNATIVE 1,2,3,5 - ROADWAY - MORNING DRIVE - PROFILE
87	CV-R1009	ALTERNATIVE 1,3,5 - ROADWAY - BRUNDAGE ROAD - PLAN AND PROFILE
88	CV-R1010	ALTERNATIVE 1,3,5 - ROADWAY - VINELAND ROAD - PLAN AND PROFILE
89	CV-R1012	ALTERNATIVE 1,3,5 - ROADWAY - EDISON ROAD - PLAN AND PROFILE
90	CV-R1025	ALTERNATIVE 1,3,5 - ROADWAY - MALAGA ROAD - PLAN AND PROFILE
91	CV-R1030	ALTERNATIVE 1,3,5 - ROADWAY - COMANCHE DRIVE - PLAN AND PROFILE
92	CV-R1055	ALTERNATIVE 1,3,5 - ROADWAY - TEJON HIGHWAY - PLAN AND PROFILE
93	CV-R1060	ALTERNATIVE 1,3,5 - ROADWAY - TOWERLINE ROAD - PLAN AND PROFILE
94	CV-R1065	ALTERNATIVE 1,3,5 - ROADWAY - NEUMARKEL ROAD - PLAN AND PROFILE
95	CV-R1068	ALTERNATIVE 1,2,3,5 - ROADWAY - GENERAL BEALE ROAD - PLAN AND PROFILE
96	CV-R1068A	ALTERNATIVE 1,2,3,5 - ROADWAY - GENERAL BEALE ROAD - PLAN AND PROFILE
97	CV-R1069	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18125+00 - PLAN AND PROFILE
98	CV-R1070	ALTERNATIVE 1,2,3,5 - ROADWAY - CALIENTE BODFISH ROAD - PLAN AND PROFILE
99	CV-R1070A	ALTERNATIVE 1,2,3,5 - ROADWAY - CALIENTE BODFISH ROAD - PLAN AND PROFILE
100	CV-R1071	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18206+00 - PLAN AND PROFILE
101	CV-R1071A	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18242+00 - PLAN AND PROFILE
102	CV-R1072	ALTERNATIVE 1,2,3,5 - ROADWAY - BEALVILLE ROAD - PLAN
103	CV-R1072A	ALTERNATIVE 1,2,3,5 - ROADWAY - BEALVILLE ROAD - PROFILE
104	CV-R1072B	ALTERNATIVE 1,2,3,5 - ROADWAY - BEALVILLE ROAD - PROFILE
105	CV-R1073	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18495+00 - PLAN AND PROFILE
106	CV-R1074	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18700+00 - PLAN AND PROFILE
107	CV-R1075	ALTERNATIVE 1,2,3,5 - ROADWAY - CHALLENGER ROAD - PLAN AND PROFILE
108	CV-R1075A	ALTERNATIVE 1,2,3,5 - ROADWAY - DENNISON ROAD - PLAN AND PROFILE
109	CV-R1076	ALTERNATIVE 1,2,3,5 - ROADWAY - BURNETT ROAD - PLAN
110	CV-R1076A	ALTERNATIVE 1,2,3,5 - ROADWAY - BURNETT ROAD - PROFILE
111	CV-R1076B	ALTERNATIVE 1,2,3,5 - ROADWAY - BURNETT ROAD - PROFILE
112	CV-R1076C	ALTERNATIVE 1,2,3,5 - ROADWAY - ARABIAN ROAD - PLAN AND PROFILE
113	CV-R1077	ALTERNATIVE 1,2,3,5 - ROADWAY - E VALLEY BLVD - PLAN AND PROFILE
114	CV-R1077A	ALTERNATIVE 1,2,3,5 - ROADWAY - HIGHLINE ROAD - PLAN AND PROFILE
115	CV-R1077B	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN AND PROFILE
116	CV-R1078	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN
117	CV-R1078A	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\GE\Volume 3 Master_Index_VBP-GE-B0004 5:14:12 PM katharine.baker@tylin.com 3/9/2021

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

**RECORD SET
PEPD SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
ROADWAY
INDEX OF DRAWINGS
SHEET 4 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0004
SCALE
NONE
SHEET NO.
5

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
118	CV-R1079	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN
119	CV-R1079A	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PROFILE
120	CV-R1080	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PROFILE
121	CV-R1080A	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PROFILE
122	CV-R1081	ALTERNATIVE 1,2,5 - ROADWAY - OAK CREEK ROAD - PLAN AND PROFILE
123	CV-R1082	ALTERNATIVE 1,2,5 - ROADWAY - CAMERON CANYON ROAD - PLAN AND PROFILE
124	CV-R1085	ALTERNATIVE 1,2,5 - ROADWAY - ROBERTS RANCH ROAD - PLAN AND PROFILE
125	CV-R1086	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PLAN
126	CV-R1086A	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PLAN
127	CV-R1086B	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PLAN
128	CV-R1086C	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
129	CV-R1087	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
130	CV-R1088	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
131	CV-R1090A	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PLAN
132	CV-R1090B	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PROFILE
133	CV-R1090C	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PROFILE
134	CV-R1090D	ALTERNATIVE 1,2,5 - ROADWAY - W BACKUS ROAD - PLAN AND PROFILE
135	CV-R1090E	ALTERNATIVE 1,2,5 - ROADWAY - E BACKUS ROAD - PLAN AND PROFILE
136	CV-R1091A	ALTERNATIVE 1,2,3,5 - ROADWAY - 85TH STREET - PLAN AND PROFILE
137	CV-R1091B	ALTERNATIVE 1,2,3,5 - ROADWAY - 80TH STREET - PLAN AND PROFILE
138	CV-R1092	ALTERNATIVE 1,2,3,5 - ROADWAY - 50TH STREET - PLAN AND PROFILE
139	CV-R1093	ALTERNATIVE 1,2,3,5 - ROADWAY - GASKELL ROAD - PLAN AND PROFILE
140	CV-R1100	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G - PLAN AND PROFILE
141	CV-R1101	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G - PLAN AND PROFILE
142	CV-R1102	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G ACCESS - PLAN AND PROFILE
143	CV-R1104	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE H - PLAN AND PROFILE
144	CV-R1108	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PLAN
145	CV-R1109	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PLAN
146	CV-R1110	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
147	CV-R1111	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
148	CV-R1111C	ALTERNATIVE 1,2,3 - ROADWAY - LANCASTER BLVD - PLAN AND PROFILE
149	CV-R1112	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PLAN
150	CV-R1113	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PROFILE
151	CV-R1113A	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PROFILE
152	CV-R1116	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE K - PLAN AND PROFILE
153	CV-R1117	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE K - PLAN AND PROFILE
154	CV-R1117A	ALTERNATIVE 1,2,3 - ROADWAY - DIVISION STREET - PLAN AND PROFILE
155	CV-R1122	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE L - PLAN AND PROFILE
156	CV-R1123	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE L - PLAN AND PROFILE
157	CV-R1124	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
158	CV-R1125	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
159	CV-R1125A	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
160	CV-R1126	ALTERNATIVE 1,2,3,5 - ROADWAY - AVENUE N - PLAN AND PROFILE
161	CV-R1150	ALTERNATIVE 2 - ROADWAY - TOWERLINE ROAD RAMPS - PLAN AND PROFILE
162	CV-R1155	ALTERNATIVE 3 - ROADWAY - DIRT ROAD 19690+00 - PLAN AND PROFILE
163	CV-R1156	ALTERNATIVE 3 - ROADWAY - DIRT ROAD 19690+00 - PLAN AND PROFILE
164	CV-R1157	ALTERNATIVE 3 - ROADWAY - 110TH STREET - PLAN
165	CV-R1158	ALTERNATIVE 3 - ROADWAY - 110TH STREET - PROFILE
166	CV-R1159	ALTERNATIVE 3 - ROADWAY - 105TH STREET - PLAN
167	CV-R1160	ALTERNATIVE 3 - ROADWAY - 105TH STREET - PROFILE
168	CV-R1171	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19448 - PLAN AND PROFILE
169	CV-R1172	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19458 - PLAN AND PROFILE
170	CV-R1173	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19473 - PLAN AND PROFILE
171	CV-R1174	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19690 - PLAN AND PROFILE
172	CV-R1175	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19727 - PLAN AND PROFILE
173	CV-R1177	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19792 - PLAN AND PROFILE
174	CV-R1178	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19806 - PLAN AND PROFILE
175	CV-R1179	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19835 - PLAN AND PROFILE

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
176	CV-R1180	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19851 - PLAN AND PROFILE
177	CV-R1181	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19871 - PLAN AND PROFILE
178	CV-R1182	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19896 - PLAN AND PROFILE
179	CV-R1185	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19941 - PLAN AND PROFILE
180	CV-R1186	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD HGT - PLAN AND PROFILE
181	CV-R1187	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19998 - PLAN AND PROFILE
182	CV-R1188	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 20005 - PLAN AND PROFILE
183	CV-R1189	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 20013 - PLAN AND PROFILE
184	CV-R1200	ALTERNATIVE 5 - ROADWAY - AVENUE G - PLAN AND PROFILE
185	CV-R1201	ALTERNATIVE 5 - ROADWAY - AVENUE G - PLAN AND PROFILE
186	CV-R1201A	ALTERNATIVE 5 - ROADWAY - AVENUE G ACCESS - PLAN AND PROFILE
187	CV-R1202	ALTERNATIVE 5 - ROADWAY - AVENUE H - PLAN AND PROFILE
188	CV-R1203	ALTERNATIVE 5 - ROADWAY - AVENUE I - PLAN
189	CV-R1204	ALTERNATIVE 5 - ROADWAY - AVENUE I - PLAN
190	CV-R1205	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
191	CV-R1206	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
192	CV-R1206A	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
193	CV-R1206B	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
194	CV-R1207	ALTERNATIVE 5 - ROADWAY - LANCASTER BLVD - PLAN AND PROFILE
195	CV-R1208	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
196	CV-R1209	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
197	CV-R1209A	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
198	CV-R1209B	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
199	CV-R1210	ALTERNATIVE 5 - ROADWAY - AVENUE K - PLAN AND PROFILE
200	CV-R1211	ALTERNATIVE 5 - ROADWAY - DIVISION ST - PLAN AND PROFILE
201	CV-R1212	ALTERNATIVE 5 - ROADWAY - AVENUE L - PLAN AND PROFILE
202	CV-R1213	ALTERNATIVE 5 - ROADWAY - AVENUE L - PLAN AND PROFILE
203	CV-R1214	ALTERNATIVE 5 - ROADWAY - AVENUE M - PLAN AND PROFILE
204	CV-R1215	ALTERNATIVE 5 - ROADWAY - AVENUE M - PLAN AND PROFILE
205	CV-R1215A	ALTERNATIVE 5 - ROADWAY - AVENUE M - PLAN AND PROFILE
206	CV-R1216	ALTERNATIVE 5 - ROADWAY - AVENUE N - PLAN AND PROFILE
207	CV-R1217	ALTERNATIVE 5 - ROADWAY - ACCESS ROAD 21090 - PLAN AND PROFILE
208	CV-R1220B	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17445 - PLAN AND PROFILE
209	CV-R1220C	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17459 - PLAN AND PROFILE
210	CV-R1220D	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17517 - PLAN AND PROFILE
211	CV-R1221	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17597 - PLAN AND PROFILE
212	CV-R1222	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17712 - PLAN AND PROFILE
213	CV-R1222A	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17783 AND 17793 - PLAN AND PROFILE
214	CV-R1222B	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17825TP - PLAN AND PROFILE
215	CV-R1222C	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17825TP - PLAN AND PROFILE
216	CV-R1223	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 17908 - PLAN AND PROFILE
217	CV-R1224	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18065 - PLAN AND PROFILE
218	CV-R1225	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18112 - PLAN AND PROFILE
219	CV-R1225A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18112TP - PLAN AND PROFILE
220	CV-R1226	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18153 - PLAN AND PROFILE
221	CV-R1226A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18162 - PLAN AND PROFILE
222	CV-R1227	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18230 - PLAN AND PROFILE
223	CV-R1228A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18298 - PLAN AND PROFILE
224	CV-R1229A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18457 - HORIZONTAL ALIGNMENT DATA TABLE
225	CV-R1229B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18457 - PLAN AND PROFILE
226	CV-R1230	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18487 - PLAN AND PROFILE
227	CV-R1230A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18575TP - PLAN AND PROFILE
228	CV-R1231A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18520 - HORIZONTAL ALIGNMENT DATA TABLE
229	CV-R1231B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18520 - PLAN AND PROFILE
230	CV-R1232	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18560 - PLAN AND PROFILE
231	CV-R1233B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18590 - PLAN AND PROFILE
232	CV-R1234	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18699 - PLAN AND PROFILE
233	CV-R1235	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18712 - PLAN AND PROFILE
234	CV-R1235A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18805TP - PLAN AND PROFILE
235	CV-R1236A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18790 - HORIZONTAL ALIGNMENT DATA TABLE

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\GE\Volume 3 Master_Index_VBP-GE-B0005 5:13:39 PM 3/9/2021 katharine.baker@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

**RECORD SET
PEPD SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
INDEX OF DRAWINGS
SHEET 5 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0005
SCALE
NONE
SHEET NO.
6

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
236	CV-R1236B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18790 - PLAN AND PROFILE
237	CV-R1236C	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18790 - PLAN AND PROFILE
238	CV-R1238A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - HORIZONTAL ALIGNMENT DATA TABLE
239	CV-R1238B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - PLAN AND PROFILE
240	CV-R1238C	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - PLAN AND PROFILE
241	CV-R1238D	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - PLAN AND PROFILE
242	CV-R1238E	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19003 - PLAN AND PROFILE
243	CV-R1239	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19052 - PLAN AND PROFILE
244	CV-R1239A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19052TP - PLAN AND PROFILE
245	CV-R1239B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19080 - PLAN AND PROFILE
246	CV-R1240	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19106 - PLAN AND PROFILE
247	CV-R1241	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19144 - PLAN AND PROFILE
248	CV-R1242	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19165 - PLAN AND PROFILE
249	CV-R1244	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19248 - PLAN AND PROFILE
250	CV-R1244A	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 19232 AND 19248TP - PLAN AND PROFILE
251	CV-R1244B	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 19267 - PLAN AND PROFILE
252	CV-R1247A	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19450 - PLAN AND PROFILE
253	CV-R1247B	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19458 - PLAN AND PROFILE
254	CV-R1248	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19478 - PLAN AND PROFILE
255	CV-R1250	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19668 - PLAN AND PROFILE
256	CV-R1251	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19676 - PLAN AND PROFILE
257	CV-R1251A	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19695P - PLAN AND PROFILE
258	CV-R1252	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19755 - PLAN AND PROFILE
259	CV-R1253	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19799 - PLAN AND PROFILE
260	CV-R1254	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19845 - PLAN AND PROFILE
261	CV-R1255	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19874 - PLAN AND PROFILE
262	CV-R1256	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19886 - PLAN AND PROFILE
263	CV-R1258	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD HIGT - PLAN AND PROFILE
264	CV-R1259	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19945 - PLAN AND PROFILE
265	CV-R1260	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 20000 - PLAN AND PROFILE
266	CV-R1261	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 20016 - PLAN AND PROFILE
267	CV-R1261A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20016TP - PLAN AND PROFILE
268	CV-R1262	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20052 - PLAN AND PROFILE
269	CV-R1262A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20052TP - PLAN AND PROFILE
270	CV-R1263	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD FAVR - PLAN AND PROFILE
271	CV-R1265	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20091 - PLAN AND PROFILE
272	CV-R1266	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20245 - PLAN AND PROFILE
273	CV-R1267	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20253 - PLAN AND PROFILE
274	CV-R1268	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20276 - PLAN AND PROFILE
275	CV-R1269	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20284 - PLAN AND PROFILE
276	CV-R1269A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20290TP - PLAN AND PROFILE
277	CV-R1270	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20317 - PLAN AND PROFILE
278	CV-R1272	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20432 - PLAN AND PROFILE
279	CV-R1273	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20441 - PLAN AND PROFILE
280	CV-R1274	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20471 - PLAN AND PROFILE
281	CV-R1274A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20500TP - PLAN AND PROFILE
282	CV-R1275	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20554 - PLAN AND PROFILE
283	CV-R1276	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20557 - PLAN AND PROFILE
284	CV-R1276A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20565TP - PLAN AND PROFILE
285	CV-R1278	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20617 - PLAN AND PROFILE
286	CV-R1279	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20626 - PLAN AND PROFILE
287	CV-R1280	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20678 - PLAN AND PROFILE
288	CV-R1281	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20690 - PLAN AND PROFILE
289	CV-R1282	ALTERNATIVE 1,2,3 - ROADWAY - ACCESS ROAD 21090 - PLAN AND PROFILE
290	CV-R1283	ALTERNATIVE 1,2,3 - ROADWAY - ACCESS ROAD 21175 - PLAN AND PROFILE
291	CV-R1400	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
292	CV-R1401	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
293	CV-R1402	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
294	CV-R1403	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
295	CV-R1404	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
296	CV-R1405	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
297	CV-R1406	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
298	CV-R1407	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
299	CV-R1408	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
300	CV-R1409	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
301	CV-R1410	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
302	CV-R1415	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
303	CV-R1416	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
304	CV-R1417	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
305	CV-R1418	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
306	CV-R1419	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
307	CV-R1420	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
308	CV-R1421	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
309	CV-R1422	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
310	CV-R1423	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
311	CV-R1424	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
312	CV-R1425	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
313	CV-R1430	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
314	CV-R1431	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
315	CV-R1432	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
316	CV-R1433	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
317	CV-R1434	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
318	CV-R1435	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
319	CV-R1444	ALTERNATIVE 1,2,3,5 - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
320	CV-R1445	ALTERNATIVE 1,2,3,5 - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
321	CV-R1446	ALTERNATIVE 1,2,3,5 - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
322	CV-R1447	ALTERNATIVE 1,2,3,5 - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
323	CV-R1448	ALTERNATIVE 1,2,3,5 - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
324	CV-R1449	ALTERNATIVE 1,2,3,5 - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
325	CV-R1460	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17448 - PLAN AND PROFILE
326	CV-R1461	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17461 - PLAN AND PROFILE
327	CV-R1462	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17561 - PLAN AND PROFILE
328	CV-R1463	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17575 - PLAN AND PROFILE
329	CV-R1464	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17585 - PLAN AND PROFILE
330	CV-R1465	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17670 AND 17685 - PLAN AND PROFILE
331	CV-R1466	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17739 - PLAN AND PROFILE
332	CV-R1467	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD NEUM - PLAN AND PROFILE
333	CV-R1467A	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17787 AND 17791 - PLAN AND PROFILE
334	CV-R1468	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17788 - PLAN AND PROFILE
335	CV-R1469	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17788 - PLAN AND PROFILE
336	CV-R1490	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
337	CV-R1491	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
338	CV-R1492	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
339	CV-R1500	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
340	CV-R1501	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
341	CV-R1502	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
342	CV-R1503	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
343	CV-R1504	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
344	CV-R1505	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
345	CV-R1506	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
346	CV-R1507	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
347	CV-R1508	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
348	CV-R1509	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
349	CV-R1520	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
350	CV-R1521	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
351	CV-R1522	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
352	CV-R1523	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
353	CV-R1524	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
354	CV-R1525	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
355	CV-R1526	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\GE\Volume 3 Master_Index\BP-GE-B0006 5:14:10 PM 3/9/2021 katharine.baker@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
INDEX OF DRAWINGS
SHEET 6 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0006
SCALE
NONE
SHEET NO.
7

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
356	CV-R1527	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
357	CV-R1528	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
358	CV-R1529	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
359	CV-R1551	ALTERNATIVE 1,2,5 - ROADWAY - ROADWAY CLOSURES - PLAN
360	CV-R1552	ALTERNATIVE 1,2,5 - ROADWAY - ROADWAY CLOSURES - PLAN
361	CV-R1553	ALTERNATIVE 3 - ROADWAY - ROADWAY CLOSURES - PLAN
362	CV-R1554	ALTERNATIVE 1,2,3,5 - ROADWAY - ROADWAY CLOSURES - PLAN

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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DATE
1/29/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
ROADWAY
INDEX OF DRAWINGS
SHEET 7 OF 49

CONTRACT NO.
HSR13-44

DRAWING NO.
GE-B0007

SCALE
NONE

SHEET NO.
8

CONSTRUCTION SEQUENCE GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1	CV-A0001	ALTERNATIVE 1,2,3,5 COVER SHEET
2	CV-B0002	ALTERNATIVE 1,2,3,5 INDEX OF SHEETS
3	CV-B0003	ALTERNATIVE 1,2,3,5 NOTES & LEGEND
4	CV-C0004	ALTERNATIVE 1 KEY MAP SHEET 1 OF 1
5	CV-C0005	ALTERNATIVE 2 KEY MAP SHEET 1 OF 1
6	CV-C0006	ALTERNATIVE 3 KEY MAP SHEET 1 OF 1
7	CV-C0007	ALTERNATIVE 5 KEY MAP SHEET 1 OF 1

CONSTRUCTION SEQUENCE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
8	CV-I1001	ALTERNATIVE 1 CONSTRUCTION SEQUENCE SHEET 1 OF 11
9	CV-I1002	ALTERNATIVE 1 CONSTRUCTION SEQUENCE SHEET 2 OF 11
10	CV-I1003	ALTERNATIVE 1 CONSTRUCTION SEQUENCE SHEET 3 OF 11
11	CV-I1004	ALTERNATIVE 1 CONSTRUCTION SEQUENCE SHEET 4 OF 11
12	CV-I1005	ALTERNATIVE 1 CONSTRUCTION SEQUENCE SHEET 5 OF 11
13	CV-I1006	ALTERNATIVE 1 CONSTRUCTION SEQUENCE SHEET 6 OF 11
14	CV-I1007	ALTERNATIVE 1 CONSTRUCTION SEQUENCE SHEET 7 OF 11
15	CV-I1008	ALTERNATIVE 2 CONSTRUCTION SEQUENCE SHEET 8 OF 11
16	CV-I1009	ALTERNATIVE 3 CONSTRUCTION SEQUENCE SHEET 9 OF 11
17	CV-I1010	ALTERNATIVE 3 CONSTRUCTION SEQUENCE SHEET 10 OF 11
18	CV-I1011	ALTERNATIVE 5 CONSTRUCTION SEQUENCE SHEET 11 OF 11

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BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
CONSTRUCTION SEQUENCE
INDEX OF DRAWINGS
SHEET 8 OF 49

CONTRACT NO.
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DRAWING NO.
GE-B0008
SCALE
NONE
SHEET NO.
9

GRADING AND DRAINAGE GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		COVER SHEET
2	CV-G0001	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 1 OF 6
3	CV-G0002	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 2 OF 6
4	CV-G0003	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 3 OF 6
5	CV-G0004	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 4 OF 6
6	CV-G0005	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 5 OF 6
7	CV-G0006	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 6 OF 6
8	CV-G0007	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
9	CV-G0008	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
10	CV-G0009	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
11	CV-G0010	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
12	CV-G0011	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 1 OF 2
13	CV-G0012	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 2 OF 2
14	CV-G0013	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 1 OF 2
15	CV-G0014	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 2 OF 2
16	CV-G0015	ALTERNATIVE 1,2,3,5 - GENERAL - LEGEND, ABBREVIATIONS, AND GENERAL NOTES

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BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GRADING, DRAINAGE AND RETAINING WALLS
 INDEX OF DRAWINGS
 SHEET 9 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0009
 SCALE
 NONE
 SHEET NO.
 10

GRADING AND DRAINAGE PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
17	CV-G1001	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17431, 17458
18	CV-G1002	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17474
19	CV-G1003	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17532, 17548
20	CV-G1004	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17570, 17580
21	CV-G1004A	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17597, 17626
22	CV-G1005	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17644, 17679
23	CV-G1005A	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17713, 17736
24	CV-G1006	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17778, 17791
25	CV-G1007	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17804
26	CV-G1008	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17829, 17833
27	CV-G1009	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17875
28	CV-G1010	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17902
29	CV-G1010A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17926
30	CV-G1011	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17940, 17957
31	CV-G1012	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17960, 17969
32	CV-G1013	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17985, 17991
33	CV-G1013A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17993
34	CV-G1014	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18004, 18010
35	CV-G1015	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18020, 18028
36	CV-G1016	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18033
37	CV-G1016A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18067
38	CV-G1017	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18110, 18113
39	CV-G1018	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18116, 18148
40	CV-G1019	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18167, 18172
41	CV-G1020	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18189, 18223
42	CV-G1020A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18227, 18231
43	CV-G1021	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18262, 18267
44	CV-G1022	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18320
45	CV-G1022A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18328
46	CV-G1023	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18352, 18427
47	CV-G1024	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18432, 18451
48	CV-G1025	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18460, 18483
49	CV-G1026	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18487, 18493
50	CV-G1027	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18501
51	CV-G1028	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18503, 18512
52	CV-G1029	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18542, 18545
53	CV-G1029A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18548
54	CV-G1030	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18552, 18557
55	CV-G1030A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18582
56	CV-G1031	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18660, 18668
57	CV-G1031A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18705
58	CV-G1032	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18709, 18714
59	CV-G1033	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18752, 18759
60	CV-G1034	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18764, 18768
61	CV-G1035	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18776
62	CV-G1036	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18779, 18805
63	CV-G1037	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18808, 18824
64	CV-G1037A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18880
65	CV-G1038	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18891, 18899
66	CV-G1039	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18924, 19021
67	CV-G1041	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19061
68	CV-G1042	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19168
69	CV-G1043	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19189
70	CV-G1044	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19211, 19240
71	CV-G1045	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19484
72	CV-G1046	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19615, 19644

GRADING AND DRAINAGE PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
73	CV-G1047	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19667, 19680
74	CV-G1048	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19692
75	CV-G1049	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19702, 19721
76	CV-G1050	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19732, 19745
77	CV-G1051	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19753, 19769
78	CV-G1052	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19780, 19832
79	CV-G1053	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20004
80	CV-G1054	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20033
81	CV-G1055	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20039, 20052
82	CV-G1056	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20091, 20142
83	CV-G1058	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20294, 20306
84	CV-G1059	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20319, 20331
85	CV-G1060	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20338, 20345
86	CV-G1061	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20376
87	CV-G1062	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20382, 20388
88	CV-G1063	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20397, 20405
89	CV-G1064	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20410, 20415
90	CV-G1065	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20427
91	CV-G1066	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20442, 20451
92	CV-G1067	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20526
93	CV-G1068	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20549, 20555
94	CV-G1069	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20573, 20584
95	CV-G1070	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20599, 20602
96	CV-G1071	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20673, 20693
97	CV-G1072	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20716, 20720
98	CV-G1073	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 21169
99	CV-G1101	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17430
100	CV-G1101A	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17458, 17463
101	CV-G1102	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17475, 17548
102	CV-G1103	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17648
103	CV-G1104	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17771, 17794
104	CV-G1105	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17829, 17833
105	CV-G1106	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17875
106	CV-G1107	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17902
107	CV-G1204	ALTERNATIVE 3 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19706
108	CV-G1206	ALTERNATIVE 3 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19765
109	CV-G1207	ALTERNATIVE 3 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19792, 19871
110	CV-G1208	ALTERNATIVE 3 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20002, 20030
111	CV-G1301	ALTERNATIVE 5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 21169

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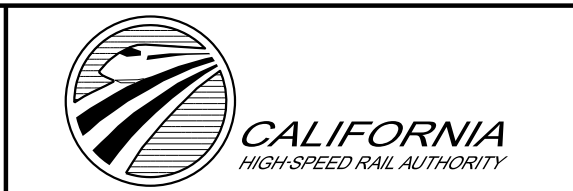
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INDEX OF DRAWINGS
SHEET 10 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0010
SCALE
NONE
SHEET NO.
11

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
112	CV-G4001	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17285+00 TO 17310+00
113	CV-G4002	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17310+00 TO 17335+00
114	CV-G4003	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17335+00 TO 17360+00
115	CV-G4004	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17360+00 TO 17385+00
116	CV-G4005	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17385+00 TO 17410+00
117	CV-G4006	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17410+00 TO 17435+00
118	CV-G4007	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17435+00 TO 17460+00
119	CV-G4008	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17460+00 TO 17485+00
120	CV-G4009	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17485+00 TO 17510+00
121	CV-G4010	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17510+00 TO 17535+00
122	CV-G4011	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17535+00 TO 17560+00
123	CV-G4012	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17560+00 TO 17585+00
124	CV-G4013	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17585+00 TO 17610+00
125	CV-G4014	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17610+00 TO 17635+00
126	CV-G4015	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17635+00 TO 17660+00
127	CV-G4016	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17660+00 TO 17685+00
128	CV-G4017	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17685+00 TO 17710+00
129	CV-G4018	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17710+00 TO 17735+00
130	CV-G4019	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17735+00 TO 17760+00
131	CV-G4020	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17760+00 TO 17785+00
132	CV-G4021	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17785+00 TO 17810+00
133	CV-G4022	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17810+00 TO 17835+00
134	CV-G4023	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17835+00 TO 17860+00
135	CV-G4024	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17860+00 TO 17885+00
136	CV-G4025	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - PLAN - STA 17885+00 TO 17910+00
137	CV-G4026	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17910+00 TO 17935+00
138	CV-G4027	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17935+00 TO 17960+00
139	CV-G4028	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17960+00 TO 17985+00
140	CV-G4029	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17985+00 TO 18010+00
141	CV-G4030	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18010+00 TO 18035+00
142	CV-G4031	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18035+00 TO 18060+00
143	CV-G4032	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18060+00 TO 18085+00
144	CV-G4033	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18085+00 TO 18110+00
145	CV-G4034	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18110+00 TO 18135+00
146	CV-G4035	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18135+00 TO 18160+00
147	CV-G4036	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18160+00 TO 18185+00
148	CV-G4037	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18185+00 TO 18210+00
149	CV-G4038	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18210+00 TO 18235+00
150	CV-G4039	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18235+00 TO 18260+00
151	CV-G4040	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18260+00 TO 18285+00
152	CV-G4041	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18285+00 TO 18310+00
153	CV-G4042	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18310+00 TO 18335+00
154	CV-G4043	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18335+00 TO 18360+00
155	CV-G4044	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18360+00 TO 18385+00
156	CV-G4045	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18385+00 TO 18410+00
157	CV-G4046	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18410+00 TO 18435+00
158	CV-G4047	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18435+00 TO 18460+00
159	CV-G4048	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18460+00 TO 18485+00
160	CV-G4049	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18485+00 TO 18510+00
161	CV-G4050	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18510+00 TO 18535+00
162	CV-G4051	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18535+00 TO 18560+00
163	CV-G4052	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18560+00 TO 18585+00
164	CV-G4053	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18585+00 TO 18610+00
165	CV-G4054	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18610+00 TO 18635+00
166	CV-G4055	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18635+00 TO 18660+00
167	CV-G4056	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18660+00 TO 18685+00

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
168	CV-G4057	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18685+00 TO 18710+00
169	CV-G4058	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18710+00 TO 18735+00
170	CV-G4059	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18735+00 TO 18760+00
171	CV-G4060	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18760+00 TO 18785+00
172	CV-G4061	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18785+00 TO 18810+00
173	CV-G4062	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18810+00 TO 18835+00
174	CV-G4063	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18835+00 TO 18860+00
175	CV-G4064	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18860+00 TO 18885+00
176	CV-G4065	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18885+00 TO 18910+00
177	CV-G4066	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18910+00 TO 18935+00
178	CV-G4067	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18935+00 TO 18960+00
179	CV-G4068	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18960+00 TO 18985+00
180	CV-G4069	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18985+00 TO 19010+00
181	CV-G4070	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19010+00 TO 19035+00
182	CV-G4071	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19035+00 TO 19060+00
183	CV-G4072	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19060+00 TO 19085+00
184	CV-G4073	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19085+00 TO 19110+00
185	CV-G4074	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19110+00 TO 19135+00
186	CV-G4075	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19135+00 TO 19160+00
187	CV-G4076	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19160+00 TO 19185+00
188	CV-G4077	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19185+00 TO 19210+00
189	CV-G4078	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19210+00 TO 19235+00
190	CV-G4079	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19235+00 TO 19260+00
191	CV-G4080	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19260+00 TO 19285+00
192	CV-G4081	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19285+00 TO 19310+00
193	CV-G4082	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19310+00 TO 19335+00
194	CV-G4083	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19335+00 TO 19360+00
195	CV-G4084	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19360+00 TO 19385+00
196	CV-G4085	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19385+00 TO 19410+00
197	CV-G4086	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19410+00 TO 19435+00
198	CV-G4087	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19435+00 TO 19460+00
199	CV-G4088	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19460+00 TO 19485+00
200	CV-G4088A	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19475+00
201	CV-G4089	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19485+00 TO 19510+00
202	CV-G4090	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19510+00 TO 19535+00
203	CV-G4091	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19535+00 TO 19560+00
204	CV-G4092	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19560+00 TO 19585+00
205	CV-G4093	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19585+00 TO 19610+00
206	CV-G4094	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19610+00 TO 19635+00
207	CV-G4095	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19635+00 TO 19660+00
208	CV-G4096	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19660+00 TO 19685+00
209	CV-G4097	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19685+00 TO 19710+00
210	CV-G4098	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19710+00 TO 19735+00
211	CV-G4099	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19735+00 TO 19760+00
212	CV-G4100	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19760+00 TO 19785+00
213	CV-G4101	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19785+00 TO 19810+00
214	CV-G4102	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19810+00 TO 19835+00
215	CV-G4103	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19835+00 TO 19860+00
216	CV-G4104	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19860+00 TO 19885+00
217	CV-G4105	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19885+00 TO 19910+00
218	CV-G4106	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19910+00 TO 19935+00
219	CV-G4107	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19935+00 TO 19960+00
220	CV-G4108	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19960+00 TO 19985+00
221	CV-G4109	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19985+00 TO 20010+00
222	CV-G4110	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 20010+00 TO 20035+00
223	CV-G4111	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20035+00 TO 20060+00

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GRADING, DRAINAGE AND RETAINING WALLS
INDEX OF DRAWINGS
SHEET 11 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0011
SCALE
NONE
SHEET NO.
12

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
224	CV-G4112	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20060+00 TO 20085+00
225	CV-G4113	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20085+00 TO 20110+00
226	CV-G4114	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20110+00 TO 20135+00
227	CV-G4115	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20135+00 TO 20160+00
228	CV-G4116	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20160+00 TO 20185+00
229	CV-G4117	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20185+00 TO 20210+00
230	CV-G4118	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20210+00 TO 20235+00
231	CV-G4119	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20235+00 TO 20260+00
232	CV-G4120	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20260+00 TO 20285+00
233	CV-G4121	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20285+00 TO 20310+00
234	CV-G4122	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20310+00 TO 20335+00
235	CV-G4123	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20335+00 TO 20360+00
236	CV-G4124	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20360+00 TO 20385+00
237	CV-G4125	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20385+00 TO 20410+00
238	CV-G4126	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20410+00 TO 20435+00
239	CV-G4127	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20435+00 TO 20460+00
240	CV-G4128	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20460+00 TO 20485+00
241	CV-G4129	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20485+00 TO 20510+00
242	CV-G4130	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20510+00 TO 20535+00
243	CV-G4131	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20535+00 TO 20560+00
244	CV-G4132	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20560+00 TO 20585+00
245	CV-G4133	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20585+00 TO 20610+00
246	CV-G4134	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20610+00 TO 20635+00
247	CV-G4135	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20635+00 TO 20660+00
248	CV-G4136	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20660+00 TO 20685+00
249	CV-G4137	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20685+00 TO 20710+00
250	CV-G4138	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20710+00 TO 20735+00
251	CV-G4139	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20735+00 TO 20760+00
252	CV-G4140	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20760+00 TO 20785+00
253	CV-G4141	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20785+00 TO 20810+00
254	CV-G4142	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20810+00 TO 20835+00
255	CV-G4143	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20835+00 TO 20860+00
256	CV-G4144	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20860+00 TO 20885+00
257	CV-G4145	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20885+00 TO 20910+00
258	CV-G4146	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20910+00 TO 20935+00
259	CV-G4147	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20935+00 TO 20960+00
260	CV-G4148	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20960+00 TO 20985+00
261	CV-G4149	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20985+00 TO 21010+00
262	CV-G4150	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21010+00 TO 21035+00
263	CV-G4151	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21035+00 TO 21060+00
264	CV-G4152	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21060+00 TO 21085+00
265	CV-G4153	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21085+00 TO 21110+00
266	CV-G4154	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21110+00 TO 21135+00
267	CV-G4155	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21135+00 TO 21160+00
268	CV-G4156	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21160+00 TO 21185+00
269	CV-G4157	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21185+00 TO 21210+00
270	CV-G4158	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21210+00 TO 21235+00
271	CV-G4159	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21010+00 TO 21035+00
272	CV-G4160	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21035+00 TO 21060+00
273	CV-G4161	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21060+00 TO 21085+00
274	CV-G4162	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21085+00 TO 21110+00
275	CV-G4163	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21110+00 TO 21135+00
276	CV-G4164	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21135+00 TO 21160+00
277	CV-G4165	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21160+00 TO 21185+00
278	CV-G4166	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21185+00 TO 21210+00
279	CV-G4167	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21210+00 TO 21235+00

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
280	CV-G4168	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21135+00 TO 21160+00
281	CV-G4169	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21160+00 TO 21185+00
282	CV-G4170	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21185+00 TO 21210+00
283	CV-G4171	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18672+50 TO 18697+50
284	CV-G4172	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18872+50 TO 18897+50
285	CV-G4173	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18997+50 TO 19022+50
286	CV-G4174	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17596+00
287	CV-G4175	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17711+00
288	CV-G4176	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17907+00
289	CV-G4177	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17907+00
290	CV-G4178	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17907+00
291	CV-G4180	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18457+00
292	CV-G4181	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18516+00
293	CV-G4182	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18516+00
294	CV-G4183	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18516+00
295	CV-G4184	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18908+00
296	CV-G4185	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18908+00
297	CV-G4186	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18908+00
298	CV-G4189	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19755+00
299	CV-G4190	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19755+00
300	CV-G4191	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19945+00
301	CV-G4192	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19945+00
302	CV-G4193	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 20084+00
303	CV-G4194	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 20084+00
304	CV-G4197	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20806+00
305	CV-G4198	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20806+00
306	CV-G4199	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20806+00
307	CV-G4201	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20861+00
308	CV-G4207	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20968+00
309	CV-G4208	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 21022+00
310	CV-G4209	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 21128+00
311	CV-G4301	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17285+00 TO 17310+00
312	CV-G4302	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17310+00 TO 17335+00
313	CV-G4303	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17335+00 TO 17360+00
314	CV-G4304	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17360+00 TO 17385+00
315	CV-G4305	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17385+00 TO 17410+00
316	CV-G4306	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17410+00 TO 17435+00
317	CV-G4307	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17435+00 TO 17460+00
318	CV-G4308	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17460+00 TO 17485+00
319	CV-G4309	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17485+00 TO 17510+00
320	CV-G4310	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17510+00 TO 17535+00
321	CV-G4311	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17535+00 TO 17560+00
322	CV-G4312	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17560+00 TO 17585+00
323	CV-G4313	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17585+00 TO 17610+00
324	CV-G4314	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17610+00 TO 17635+00
325	CV-G4315	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17635+00 TO 17660+00
326	CV-G4316	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17660+00 TO 17685+00
327	CV-G4317	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17685+00 TO 17710+00
328	CV-G4318	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17710+00 TO 17735+00
329	CV-G4319	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17735+00 TO 17760+00
330	CV-G4320	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17760+00 TO 17785+00
331	CV-G4321	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17785+00 TO 17810+00
332	CV-G4322	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17810+00 TO 17835+00
333	CV-G4323	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17835+00 TO 17860+00
334	CV-G4324	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17860+00 TO 17885+00
335	CV-G4325	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17885+00 TO 17910+00

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE
1/29/2021

**RECORD SET
PEPD SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
GRADING, DRAINAGE AND RETAINING WALLS
INDEX OF DRAWINGS
SHEET 12 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0012
SCALE
NONE
SHEET NO.
13

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
336	CV-G4326	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 17397+00
337	CV-G4327	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 17397+00
338	CV-G4328	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17787+00
339	CV-G4401	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19295+00 TO 19320+00
340	CV-G4402	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19320+00 TO 19345+00
341	CV-G4403	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19345+00 TO 19370+00
342	CV-G4404	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19370+00 TO 19395+00
343	CV-G4405	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19395+00 TO 19420+00
344	CV-G4406	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19420+00 TO 19445+00
345	CV-G4407	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19445+00 TO 19470+00
346	CV-G4408	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19470+00 TO 19495+00
347	CV-G4409	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19495+00 TO 19520+00
348	CV-G4410	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19520+00 TO 19545+00
349	CV-G4411	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19545+00 TO 19570+00
350	CV-G4412	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19570+00 TO 19595+00
351	CV-G4413	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19595+00 TO 19620+00
352	CV-G4414	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19620+00 TO 19645+00
353	CV-G4415	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19645+00 TO 19670+00
354	CV-G4416	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19670+00 TO 19695+00
355	CV-G4416A	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19690+00
356	CV-G4416B	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19690+00
357	CV-G4417	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19695+00 TO 19720+00
358	CV-G4418	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19720+00 TO 19745+00
359	CV-G4419	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19745+00 TO 19770+00
360	CV-G4420	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19770+00 TO 19795+00
361	CV-G4421	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19795+00 TO 19820+00
362	CV-G4422	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19820+00 TO 19845+00
363	CV-G4423	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19845+00 TO 19870+00
364	CV-G4424	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19870+00 TO 19895+00
365	CV-G4425	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19895+00 TO 19920+00
366	CV-G4426	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19920+00 TO 19945+00
367	CV-G4427	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19945+00 TO 19970+00
368	CV-G4428	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19970+00 TO 19995+00
369	CV-G4429	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 19995+00 TO 20020+00
370	CV-G4430	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - STA 20020+00 TO 20045+00
371	CV-G4431	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19640+00
372	CV-G4432	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19727+00
373	CV-G4433	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19727+00
374	CV-G4434	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19727+00
375	CV-G4435	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19941+00
376	CV-G4436	ALTERNATIVE 3 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19941+00
377	CV-G4501	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20720+00 TO 20745+00
378	CV-G4502	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20745+00 TO 20770+00
379	CV-G4503	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20770+00 TO 20795+00
380	CV-G4504	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20795+00 TO 20820+00
381	CV-G4505	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20820+00 TO 20845+00
382	CV-G4506	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20845+00 TO 20870+00
383	CV-G4507	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20870+00 TO 20895+00
384	CV-G4508	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20895+00 TO 20920+00
385	CV-G4509	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20920+00 TO 20945+00
386	CV-G4510	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20945+00 TO 20970+00
387	CV-G4511	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20970+00 TO 20995+00
388	CV-G4512	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20995+00 TO 21020+00
389	CV-G4513	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21020+00 TO 21045+00
390	CV-G4514	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21045+00 TO 21070+00
391	CV-G4515	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21070+00 TO 21095+00

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
392	CV-G4516	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21095+00 TO 21120+00
393	CV-G4517	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21120+00 TO 21145+00
394	CV-G4518	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21145+00 TO 21170+00
395	CV-G4519	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21170+00 TO 21195+00
396	CV-G4520	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21195+00 TO 21220+00
397	CV-G4521	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21220+00 TO 21245+00
398	CV-G4522	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 20995+00 TO 21020+00
399	CV-G4523	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21020+00 TO 21045+00
400	CV-G4524	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21045+00 TO 21070+00
401	CV-G4525	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21070+00 TO 21095+00
402	CV-G4526	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21095+00 TO 21120+00
403	CV-G4527	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21120+00 TO 21145+00
404	CV-G4528	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21145+00 TO 21170+00
405	CV-G4529	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21170+00 TO 21195+00
406	CV-G4530	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21195+00 TO 21220+00
407	CV-G4531	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21120+00 TO 21145+00
408	CV-G4532	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21145+00 TO 21170+00
409	CV-G4533	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - STA 21170+00 TO 21195+00
410	CV-G4534	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20805+00
411	CV-G4535	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20805+00
412	CV-G4536	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20805+00
413	CV-G4538	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20860+00
414	CV-G4539	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20915+00
415	CV-G4540	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20942+00
416	CV-G4541	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20915+00
417	CV-G4542	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20942+00
418	CV-G4543	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20968+00
419	CV-G4544	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20968+00
420	CV-G4545	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 21021+00
421	CV-G4546	ALTERNATIVE 5 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 21128+00

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DESIGNED BY
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DATE
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
GRADING, DRAINAGE AND RETAINING WALLS
INDEX OF DRAWINGS
SHEET 13 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0013
SCALE
NONE
SHEET NO.
14

RETAINING WALL PLAN AND PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
422	ST-G1001	ALTERNATIVE 1,2,3,5 - RETAINING WALL - MORNING DRIVE - PLAN AND PROFILE
423	ST-G1002	ALTERNATIVE 1,3,5 - RETAINING WALL - EDISON ROAD - PLAN AND PROFILE
424	ST-G1003	ALTERNATIVE 1,3,5 - RETAINING WALL - EDISON MOIS - PLAN AND PROFILE
425	ST-G1004	ALTERNATIVE 1,3,5 - RETAINING WALL - EDISON MOIS - PLAN AND PROFILE
426	ST-G1005	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18168 - PLAN AND PROFILE
427	ST-G1006	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18335 - PLAN AND PROFILE
428	ST-G1007	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18430 - PLAN AND PROFILE
429	ST-G1008	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18473 - PLAN AND PROFILE
430	ST-G1009	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18769 (STATE ROUTE 58) - PLAN AND PROFILE
431	ST-G1010	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18781 AND 18783 (STATE ROUTE 58) - PLAN AND PROFILE
432	ST-G1011	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18789 AND 18790 (STATE ROUTE 58) - PLAN AND PROFILE
433	ST-G1012	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18792 (STATE ROUTE 58) - PLAN AND PROFILE
434	ST-G1013	ALTERNATIVE 1,2,3,5 - RETAINING WALL - STATE ROUTE 58 - PLAN AND PROFILE
435	ST-G1014	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18875 - PLAN AND PROFILE
436	ST-G1015	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 19087 AND 19088 - PLAN AND PROFILE
437	ST-G1016	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE G - PLAN AND PROFILE
438	ST-G1017	ALTERNATIVE 1,2,3 - RETAINING WALL - SIERRA HIGHWAY - PLAN AND PROFILE
439	ST-G1018	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE H - PLAN AND PROFILE
440	ST-G1019	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE I - PLAN AND PROFILE
441	ST-G1020	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE I - PLAN AND PROFILE
442	ST-G1021	ALTERNATIVE 1,2,3 - RETAINING WALL - LANCASTER BLVD - PLAN AND PROFILE
443	ST-G1022	ALTERNATIVE 1,2,3 - RETAINING WALL - LANCASTER BLVD - PLAN AND PROFILE
444	ST-G1023	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
445	ST-G1024	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
446	ST-G1025	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
447	ST-G1026	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
448	ST-G1027	ALTERNATIVE 1,2,3 - RETAINING WALL - 20969 - PLAN AND PROFILE
449	ST-G1028	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE L - PLAN AND PROFILE
450	ST-G1029	ALTERNATIVE 1,2,3,5 - RETAINING WALL - AVENUE N - PLAN AND PROFILE
451	ST-G1030	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE N - PLAN AND PROFILE
452	ST-G1031	ALTERNATIVE 2 - RETAINING WALL - 17492 - PLAN AND PROFILE
453	ST-G1032	ALTERNATIVE 2 - RETAINING WALL - 17530 - PLAN AND PROFILE
454	ST-G1033	ALTERNATIVE 2 - RETAINING WALL - 17617 AND 17623 - PLAN AND PROFILE
455	ST-G1034	ALTERNATIVE 2 - RETAINING WALL - 17726 AND 17734 - PLAN AND PROFILE
456	ST-G1035	ALTERNATIVE 5 - RETAINING WALL - SIERRA HIGHWAY - PLAN AND PROFILE
457	ST-G1036	ALTERNATIVE 5 - RETAINING WALL - AVENUE G - PLAN AND PROFILE
458	ST-G1037	ALTERNATIVE 5 - RETAINING WALL - AVENUE H - PLAN AND PROFILE
459	ST-G1038	ALTERNATIVE 5 - RETAINING WALL - AVENUE I AND SIERRA HIGHWAY - PLAN AND PROFILE
460	ST-G1039	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
461	ST-G1040	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
462	ST-G1041	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
463	ST-G1042	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
464	ST-G1043	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
465	ST-G1044	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
466	ST-G1045	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
467	ST-G1046	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
468	ST-G1047	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE

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 GRADING, DRAINAGE AND RETAINING WALLS
 INDEX OF DRAWINGS
 SHEET 14 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0014
 SCALE
 NONE
 SHEET NO.
 15

TRACK AND ROADWAY STRUCTURES GENERAL SHEETS

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
1		COVER SHEET
2	ST-B0001	TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS SHEET 1 OF 2
3	ST-B0002	TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS SHEET 2 OF 2
4	ST-B0003	TRACK AND ROADWAY STRUCTURES - GENERAL NOTES AND LEGENDS
5	ST-B0004	ALTERNATIVE 1 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
6	ST-B0005	ALTERNATIVE 1 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
7	ST-B0006	ALTERNATIVE 2 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
8	ST-B0007	ALTERNATIVE 2 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
9	ST-B0008	ALTERNATIVE 3 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
10	ST-B0009	ALTERNATIVE 3 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
11	ST-B0010	ALTERNATIVE 5 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
12	ST-B0011	ALTERNATIVE 5 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
13	ST-B3001	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 1 OF 11
14	ST-B3002	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 2 OF 11
15	ST-B3003	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 3 OF 11
16	ST-B3003A	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 4 OF 11
17	ST-B3004	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 5 OF 11
18	ST-B3005	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 6 OF 11
19	ST-B3005A	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 7 OF 11
20	ST-B3006	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 8 OF 11
21	ST-B3008	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 9 OF 11
22	ST-B3009	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 10 OF 11
23	ST-B3010	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 11 OF 11

TRACK STRUCTURES

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
24-37	ST-J1001 TO ST-J1014	ALTERNATIVES 1,3,5 - TRACK STRUCTURES - VIADUCT STATION 17285+00 TO 17412+72.05-PLAN AND ELEVATION
38	ST-J1017	ALTERNATIVES 1,3,5 - VINELAND ROAD UNDERPASS - PLAN AND ELEVATION
39	ST-J1018	ALTERNATIVES 1,3,5 - EDISON ROAD UNDERPASS - PLAN AND ELEVATION
40	ST-J1019	ALTERNATIVES 1,3,5 - MALAGA ROAD UNDERPASS - PLAN AND ELEVATION
41	ST-J1020	ALTERNATIVES 1,3,5 - COMANCHE DRIVE UNDERPASS - PLAN AND ELEVATION
42	ST-J1021	ALTERNATIVES 1,3,5 - TEJON HIGHWAY NORTH UNDERPASS - PLAN AND ELEVATION
43	ST-J1022	ALTERNATIVES 1,3,5 - TEJON HIGHWAY SOUTH UNDERPASS - PLAN AND ELEVATION
44	ST-J1023	ALTERNATIVES 1,3,5 - TOWERLINE ROAD UNDERPASS - PLAN AND ELEVATION
45	ST-J1024	ALTERNATIVES 1,3,5 - NEUMARKEL ROAD UNDERPASS - PLAN AND ELEVATION
46-47	ST-J1025 TO ST-J1026	ALTERNATIVES 1,3,5 - VIADUCT STATION 17841+15 TO 17856+15 - PLAN AND ELEVATION
48-51	ST-J1027 TO ST-J1030	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18076+71 TO 18106+61 - PLAN AND ELEVATION
52	ST-J1031	ALTERNATIVES 1,2,3,5 - CALIENTE BODFISH RD UNDERPASS - PLAN AND ELEVATION
53	ST-J1032	ALTERNATIVES 1,2,3,5 - UNDERPASS STATION 18239+45 TO 18245+25 - PLAN AND ELEVATION
54-55	ST-J1033 TO ST-J1034	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18463+56 TO 18475+16 - PLAN AND ELEVATION
56	ST-J1035	ALTERNATIVES 1,2,3,5 - UNDERPASS STATION 18494+23 TO 18497+43 - PLAN AND ELEVATION
57-58	ST-J1036 TO ST-J1037	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18561+10 TO 18575+70 - PLAN AND ELEVATION
59	ST-J1038	ALTERNATIVES 1,2,3,5 - UNDERPASS STATION 18700+32 TO 18703+52 - PLAN AND ELEVATION
60-62	ST-J1039 TO ST-J1041	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18717+05 TO 18746+55 - PLAN AND ELEVATION
63-68	ST-J1042 TO ST-J1047	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18828+25 TO 18874+85 - PLAN AND ELEVATION
69	ST-J1047A	ALTERNATIVES 1,3,5 - NORTH VIADUCT STATION 19066+32 TO 19068+32 - PLAN AND ELEVATION
70	ST-J1047B	ALTERNATIVES 1,3,5 - SOUTH VIADUCT STATION 19066+05 TO 19068+05 - PLAN AND ELEVATION
71	ST-J1048	ALTERNATIVES 1,2,3,5 - SR 58 NORTH UNDERPASS - PLAN AND ELEVATION
72	ST-J1049	ALTERNATIVES 1,2,3,5 - SR 58 SOUTH UNDERPASS - PLAN AND ELEVATION
73-74	ST-J1050 TO ST-J1050A	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD NORTH VIADUCT - PLAN AND ELEVATION
75-76	ST-J1051 TO ST-J1051A	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD SOUTH VIADUCT - PLAN AND ELEVATION
77	ST-J1052	ALTERNATIVES 1,2,3,5 - STUBER ROAD NORTH UNDERPASS - PLAN AND ELEVATION
78	ST-J1053	ALTERNATIVES 1,2,3,5 - STUBER ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
79	ST-J1058	ALTERNATIVES 1,2,3,5 - NORTH UNDERPASS STATION 19271+95 TO 19276+25 - PLAN AND ELEVATION
80	ST-J1059	ALTERNATIVES 1,2,3,5 - SOUTH UNDERPASS STATION 19271+45 TO 19275+85 - PLAN AND ELEVATION
81-82	ST-J1060 TO ST-J1061	ALTERNATIVES 1,2,5 - NORTH VIADUCT STATION 19458+20 TO 19473+80 - PLAN AND ELEVATION
83-84	ST-J1062 TO ST-J1063	ALTERNATIVES 1,2,5 - SOUTH VIADUCT STATION 19458+00 TO 19473+50 - PLAN AND ELEVATION
85	ST-J1064	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD NORTH UNDERPASS 2 - PLAN AND ELEVATION

TRACK STRUCTURES (CONTINUED)

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
86	ST-J1065	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD SOUTH UNDERPASS 2 - PLAN AND ELEVATION
87	ST-J1066	ALTERNATIVES 1,2,5 - ROBERT RANCH ROAD NORTH UNDERPASS - PLAN AND ELEVATION
88	ST-J1067	ALTERNATIVES 1,2,5 - ROBERT RANCH ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
89	ST-J1068	ALTERNATIVES 1,2,5 - 110TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
90	ST-J1069	ALTERNATIVES 1,2,5 - 110TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
91	ST-J1070	ALTERNATIVES 1,2,5 - TROTTER AVENUE NORTH UNDERPASS - PLAN AND ELEVATION
92	ST-J1071	ALTERNATIVES 1,2,5 - TROTTER AVENUE SOUTH UNDERPASS - PLAN AND ELEVATION
93-94	ST-J1072 TO ST-J1073	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD NORTH VIADUCT - PLAN AND ELEVATION
95-96	ST-J1074 TO ST-J1075	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD SOUTH VIADUCT - PLAN AND ELEVATION
97	ST-J1078	ALTERNATIVES 1,2,5 - 105TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
98	ST-J1079	ALTERNATIVES 1,2,5 - 105TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
99	ST-J1080	ALTERNATIVES 1,2,5 - CHAMPANGUE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
100	ST-J1081	ALTERNATIVES 1,2,5 - CHAMPANGNE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
101	ST-J1087	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD UNDERPASS 3 - PLAN AND ELEVATION
102	ST-J1088	ALTERNATIVES 1,2,3,5 - DAWN ROAD - 85TH STREET UNDERPASS - PLAN AND ELEVATION
103	ST-J1089	ALTERNATIVES 1,2,3,5 - FAVORITO AVENUE - 80TH STREE UNDERPASS - PLAN AND ELEVATION
104-105	ST-J1090 TO ST-J1090A	ALTERNATIVES 1,2,3,5 - SWEETSER ROAD VIADUCT - PLAN AND ELEVATION
106	ST-J1091	ALTERNATIVES 1,2,3,5 - ROSAMOND BLVD UNDERPASS - PLAN AND ELEVATION
107	ST-J1092	ALTERNATIVES 1,2,3,5 - 60TH STREET UNDERPASS - PLAN AND ELEVATION
108	ST-J1093	ALTERNATIVES 1,2,3,5 - ASTORIA AVENUE UNDERPASS - PLAN AND ELEVATION
109	ST-J1094	ALTERNATIVES 1,2,3,5 - HOLIDAY AVENUE UNDERPASS - PLAN AND ELEVATION
110	ST-J1095	ALTERNATIVES 1,2,3,5 - 50TH STREET UNDERPASS - PLAN AND ELEVATION
111	ST-J1096	ALTERNATIVES 1,2,3,5 - AVENUE A UNDERPASS - PLAN AND ELEVATION
112	ST-J1096A	ALTERNATIVES 1,2,3,5 - 40TH STREET - AVENUE A8 VIADUCT - PLAN AND ELEVATION
113	ST-J1097	ALTERNATIVES 1,2,3,5 - AVENUE B EAST UNDERPASS - PLAN AND ELEVATION
114	ST-J1099	ALTERNATIVES 1,2,3,5 - 30TH STREET - AVENUE C UNDERPASS - PLAN AND ELEVATION
115	ST-J1100	ALTERNATIVES 1,2,3,5 - SR 138 UNDERPASS - PLAN AND ELEVATION
116	ST-J1101	ALTERNATIVES 1,2,3,5 - SR 14 UNDERPASS - PLAN AND ELEVATION
117	ST-J1102	ALTERNATIVES 1,2,3,5 - AVENUE E UNDERPASS - PLAN AND ELEVATION
118-120	ST-J1103 TO ST-J1103B	ALTERNATIVES 1,2,3 - AVENUE F VIADUCT - PLAN AND ELEVATION
121	ST-J1103C	ALTERNATIVES 1,2,3 - AVENUE I VIADUCT - PLAN AND ELEVATION
122	ST-J1103D	ALTERNATIVES 1,2,3 - LANCASTER BOULEVARD VIADUCT - PLAN AND ELEVATION
123-135	ST-J1104 TO ST-J1116	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17412+52.05 - PLAN AND ELEVATION
136	ST-J1120	ALTERNATIVE 2 - VINELAND ROAD UNDERPASS - PLAN AND ELEVATION
137-140	ST-J1121 TO ST-J1124	ALTERNATIVE 2 - VIADUCT STATION 17497+80 TO 17530+70 - PLAN AND ELEVATION
141	ST-J1125	ALTERNATIVE 2 - MALAGA ROAD UNDERPASS - PLAN AND ELEVATION
142	ST-J1126	ALTERNATIVE 2 - COMANCHE DRIVE UNDERPASS - PLAN AND ELEVATION
143	ST-J1127	ALTERNATIVE 2 - TEJON HIGHWAY UNDERPASS - PLAN AND ELEVATION
144	ST-J1128	ALTERNATIVE 2 - TOWERLINE ROAD UNDERPASS - PLAN AND ELEVATION
145-146	ST-J1129 TO ST-J1130	ALTERNATIVE 2 - SR 58 VIADUCT - PLAN AND ELEVATION
147	ST-J1131	ALTERNATIVE 2 - NEUMARKEL ROAD UNDERPASS - PLAN AND ELEVATION
148-149	ST-J1132 TO ST-J1133	ALTERNATIVE 2 - VIADUCT STATION 17840+55 TO 17855+65 - PLAN AND ELEVATION
150	ST-J1134	ALTERNATIVE 3 - TEHACHAPI WILLOW SPRINGS ROAD NORTH UNDERPASS 4 - PLAN AND ELEVATION
151	ST-J1135	ALTERNATIVE 3 - TEHACHAPI WILLOW SPRINGS ROAD SOUTH UNDERPASS 4 - PLAN AND ELEVATION
152	ST-J1136	ALTERNATIVE 3 - PACIFIC CREST TRAIL NORTH UNDERPASS - PLAN AND ELEVATION
153	ST-J1137	ALTERNATIVE 3 - PACIFIC CREST TRAIL SOUTH UNDERPASS - PLAN AND ELEVATION
154	ST-J1138	ALTERNATIVE 3 - TROTTER AVENUE NORTH UNDERPASS - PLAN AND ELEVATION
155	ST-J1139	ALTERNATIVE 3 - TROTTER AVENUE SOUTH UNDERPASS - PLAN AND ELEVATION
156	ST-J1140	ALTERNATIVE 3 - 110TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
157	ST-J1141	ALTERNATIVE 3 - 110TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
158-159	ST-J1142 TO ST-J1143	ALTERNATIVE 3 - AQUEDUCT ROAD NORTH VIADUCT - PLAN AND ELEVATION
160-161	ST-J1144 TO ST-J1145	ALTERNATIVE 3 - AQUEDUCT ROAD SOUTH VIADUCT - PLAN AND ELEVATION
162	ST-J1146	ALTERNATIVE 3 - BACKUS ROAD NORTH UNDERPASS - PLAN AND ELEVATION
163	ST-J1147	ALTERNATIVE 3 - BACKUS ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
164	ST-J1148	ALTERNATIVE 3 - 105TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
165	ST-J1149	ALTERNATIVE 3 - 105TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
166	ST-J1150	ALTERNATIVE 3 - CHAMPAGNE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
167	ST-J1151	ALTERNATIVE 3 - CHAMPAGNE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
168	ST-J1157	ALTERNATIVE 3 - TEHACHAPI WILLOW SPRINGS ROAD UNDERPASS 5 - PLAN AND ELEVATION
169-171	ST-J1158 TO ST-J1160	ALTERNATIVE 5 - AVENUE F UNDERPASS - PLAN AND ELEVATION
172	ST-J1160A	ALTERNATIVE 5 - LANCASTER BOULEVARD VIADUCT - PLAN AND ELEVATION

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DATE
1/29/2021

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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
TRACK AND ROADWAY STRUCTURES
INDEX OF DRAWINGS
SHEET 15 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0015
SCALE
NONE
SHEET NO.
16

ROADWAY STRUCTURES

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
173	ST-K1002	ALTERNATIVES 1,2,3,5 - MORNING DRIVE UNDERPASS - PLAN AND ELEVATION
174	ST-K1003	ALTERNATIVES 1,3,5 - EDISON ROAD EB UNDERCROSSING - PLAN AND ELEVATION
175	ST-K1004	ALTERNATIVES 1,3,5 - EDISON ROAD WB UNDERCROSSING - PLAN AND ELEVATION
176	ST-K1005	ALTERNATIVES 1,3,5 - MAGALA ROAD EB UNDERCROSSING - PLAN AND ELEVATION
177	ST-K1006	ALTERNATIVES 1,3,5 - MAGALA ROAD WB UNDERCROSSING - PLAN AND ELEVATION
178	ST-K1007	ALTERNATIVES 1,3,5 - COMANCHE DRIVE EB UNDERCROSSING - PLAN AND ELEVATION
179	ST-K1008	ALTERNATIVES 1,3,5 - COMANCHE DRIVE WB UNDERCROSSING - PLAN AND ELEVATION
180	ST-K1009	ALTERNATIVES 1,3,5 - TEJON HIGHWAY EB UNDERCROSSING - PLAN AND ELEVATION
181	ST-K1010	ALTERNATIVES 1,3,5 - TEJON HIGHWAY WB UNDERCROSSING - PLAN AND ELEVATION
182	ST-K1011	ALTERNATIVES 1,3,5 - TOWERLINE ROAD EB UNDERCROSSING - PLAN AND ELEVATION
183	ST-K1012	ALTERNATIVES 1,3,5 - TOWERLINE ROAD WB UNDERCROSSING - PLAN AND ELEVATION
184	ST-K1013	ALTERNATIVES 1,2,3,5 - GENERAL BEALE ROAD OVERHEAD - PLAN AND ELEVATION
185	ST-K1014	ALTERNATIVES 1,2,3,5 - BEALVILLE ROAD OVERHEAD - PLAN AND ELEVATION
186-188	ST-K1015 TO ST-K1016	ALTERNATIVES 1,2,3,5 - SR 58 EB OVERHEAD - PLAN AND ELEVATION
189-191	ST-K1017 TO ST-K1018	ALTERNATIVES 1,2,3,5 - SR 58 WB OVERHEAD - PLAN AND ELEVATION
192-193	ST-K1019A TO ST-K1019B	ALTERNATIVES 1,2,3,5 - HIGHLINE ROAD OVERHEAD - PLAN AND ELEVATION
194-195	ST-K1019C TO ST-K1019D	ALTERNATIVES 1,2,3,5 - TEHACHAPI WILLOW SPRINGS ROAD OVERHEAD - PLAN AND ELEVATION
196	ST-K1019E	ALTERNATIVES 1,2,3,5 - TEHACHAPI WILLOW SPRINGS ROAD OVERCROSSING - PLAN AND ELEVATION
197	ST-K1019F	ALTERNATIVES 1,3,5 - TUNNEL ACCESS ROAD BRIDGE - PLAN AND ELEVATION
198	ST-K1019G	ALTERNATIVES 1 - OAK CREEK ROAD OVERHEAD - PLAN AND ELEVATION
199	ST-K1021	ALTERNATIVES 1,2,3 - AVENUE G OVERHEAD 1 - PLAN AND ELEVATION
200	ST-K1022	ALTERNATIVES 1,2,3 - AVENUE G OVERHEAD 2 - PLAN AND ELEVATION
201	ST-K1023	ALTERNATIVES 1,2,3 - SIERRA HIGHWAY OVERHEAD - PLAN AND ELEVATION
202	ST-K1024	ALTERNATIVES 1,2,3 - AVENUE H OVERHEAD - PLAN AND ELEVATION
203	ST-K1025A	ALTERNATIVES 1,2,3,5 - AVENUE I OVERCROSSING - PLAN AND ELEVATION
204	ST-K1025B	ALTERNATIVES 1,2,3,5 - AVENUE I UNDERPASS - PLAN AND ELEVATION
205	ST-K1026A	ALTERNATIVES 1,2,3,5 - LANCASTER BLVD. OVERCROSSING - 1 - PLAN AND ELEVATION
206	ST-K1026B	ALTERNATIVES 1,2,3,5 - LANCASTER BLVD. OVERPASS - PLAN AND ELEVATION
207	ST-K1026C	ALTERNATIVES 1,2,3,5 - LANCASTER BLVD. OVERCROSSING - 2- PLAN AND ELEVATION
208	ST-K1028	ALTERNATIVES 1,2,3 - AVENUE J OVERHEAD - PLAN AND ELEVATION
209	ST-K1029	ALTERNATIVES 1,2,3 - AVENUE K OVERHEAD - PLAN AND ELEVATION
210	ST-K1030	ALTERNATIVES 1,2,3 - AVENUE L OVERHEAD - PLAN AND ELEVATION
211-213	ST-K1031 TO ST-K1032A	ALTERNATIVES 1,2,3 - AVENUE M OVERHEAD - PLAN AND ELEVATION
214	ST-K1033	ALTERNATIVES 1,2,3 - DRAINAGE AND WILDLIFE CROSSING OVERHEAD - PLAN AND ELEVATION
215	ST-K1034	ALTERNATIVES 1,2,3 - AVENUE N OVERHEAD - PLAN AND ELEVATION
216	ST-K1036	ALTERNATIVE 5 - AVENUE G OVERHEAD 1 - PLAN AND ELEVATION
217	ST-K1037	ALTERNATIVE 5 - AVENUE G OVERHEAD 2 - PLAN AND ELEVATION
218	ST-K1038	ALTERNATIVE 5 - SIERRA HIGHWAY OVERHEAD - PLAN AND ELEVATION
219	ST-K1039	ALTERNATIVE 5 - AVENUE H OVERHEAD - PLAN AND ELEVATION
220	ST-K1040A	ALTERNATIVE 5 - LANCASTER BLVD. OVERCROSSING - 3 - PLAN AND ELEVATION
221	ST-K1040B	ALTERNATIVE 5 - LANCASTER BLVD. OVERHEAD - PLAN AND ELEVATION
222	ST-K1040C	ALTERNATIVE 5 - LANCASTER BLVD. OVERCROSSING - 4 - PLAN AND ELEVATION
223	ST-K1043	ALTERNATIVE 1,2,3 - AVENUE J OVERHEAD - PLAN AND ELEVATION
224	ST-K1044	ALTERNATIVE 5 - AVENUE K OVERHEAD - PLAN AND ELEVATION
225	ST-K1045	ALTERNATIVE 5 - AVENUE L OVERHEAD - PLAN AND ELEVATION
226-228	ST-K1046 TO ST-K1047A	ALTERNATIVE 5 - AVENUE M OVERHEAD - PLAN AND ELEVATION
229	ST-K1048	ALTERNATIVE 5 - DRAINAGE AND WILDLIFE CROSSING OVERHEAD - PLAN AND ELEVATION
230	ST-K1049	ALTERNATIVE 5 - AVENUE N OVERHEAD - PLAN AND ELEVATION

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
TRACK AND ROADWAY STRUCTURES
INDEX OF DRAWINGS
SHEET 16 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0016
SCALE
NONE
SHEET NO.
17

MAINTENANCE OF WAY GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1	MY-B0001	COVER SHEET
2	MY-B0002	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWINGS - SHEET 1 OF 1
3	MY-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
4	MY-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
5	MY-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 3
6	MY-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
7	MY-B3001	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 1 OF 4
8	MY-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 2 OF 4
9	MY-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 3 OF 4
10	MY-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 4 OF 4
11	MY-C6001	ALTERNATIVE 1,2,3,5 - GENERAL - KEY MAP - SHEET 1 OF 1

MAINTENANCE FACILITY PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
12	MY-D1010	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOWS - EDISON - PROFILE SHEET 1 OF 2
13	MY-D1011	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOWS - EDISON - PROFILE SHEET 2 OF 2
14	MY-D1015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PROFILE SHEET 1 OF 2
15	MY-D1016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PROFILE SHEET 2 OF 2
16	MY-D1020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PROFILE SHEET 1 OF 2
17	MY-D1021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PROFILE SHEET 2 OF 2
18	MY-D1030	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PROFILE SHEET 1 OF 3
19	MY-D1031	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PROFILE SHEET 2 OF 3
20	MY-D1032	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PROFILE SHEET 3 OF 3
21	MY-D1040	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 1 OF 9
22	MY-D1041	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 2 OF 9
23	MY-D1042	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 3 OF 9
24	MY-D1043	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 4 OF 9
25	MY-D1044	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 5 OF 9
26	MY-D1045	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 6 OF 9
27	MY-D1046	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 7 OF 9
28	MY-D1047	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 8 OF 9
29	MY-D1048	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 9 OF 9
30	MY-D1050	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 1 OF 4
31	MY-D1051	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 2 OF 4
32	MY-D1052	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 3 OF 4
33	MY-D1053	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 4 OF 4
34	MY-D1060	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 1 OF 10
35	MY-D1061	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 2 OF 10
36	MY-D1062	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 3 OF 10
37	MY-D1063	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 4 OF 10
38	MY-D1064	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 5 OF 10
39	MY-D1065	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 6 OF 10
40	MY-D1066	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 7 OF 10
41	MY-D1067	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 8 OF 10
42	MY-D1068	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 9 OF 10
43	MY-D1069	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PROFILE SHEET 10 OF 10

MAINTENANCE FACILITY PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
44	MY-D4010	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 1 OF 5
45	MY-D4011	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 2 OF 5
46	MY-D4012	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 3 OF 5
47	MY-D4013	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 4 OF 5
48	MY-D4014	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 5 OF 5
49	MY-D4015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 1 OF 5
50	MY-D4016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 2 OF 5
51	MY-D4017	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 3 OF 5
52	MY-D4018	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 4 OF 5
53	MY-D4019	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 5 OF 5
54	MY-D4020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 1 OF 5
55	MY-D4021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 2 OF 5
56	MY-D4022	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 3 OF 5
57	MY-D4023	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 4 OF 5
58	MY-D4024	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 5 OF 5
59	MY-D4030	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PLAN SHEET 1 OF 5
60	MY-D4031	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PLAN SHEET 2 OF 5
61	MY-D4032	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PLAN SHEET 3 OF 5
62	MY-D4033	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PLAN SHEET 4 OF 5
63	MY-D4034	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF - NORTH LANCASTER - PLAN SHEET 5 OF 5
64	MY-D4042	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 1 OF 9
65	MY-D4043	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 2 OF 9
66	MY-D4044	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 3 OF 9
67	MY-D4045	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 4 OF 9
68	MY-D4046	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 5 OF 9
69	MY-D4047	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 6 OF 9
70	MY-D4048	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 7 OF 9
71	MY-D4049	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 8 OF 9
72	MY-D4050	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 9 OF 9
73	MY-D4051A	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF-LMF - LANCASTER - PLAN SHEET 1 OF 2
74	MY-D4051B	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWF-LMF - LANCASTER - PLAN SHEET 2 OF 2
75	MY-D4052	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 1 OF 3
76	MY-D4053	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 2 OF 3
77	MY-D4054	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 3 OF 3
78	MY-D4060	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 1 OF 12
79	MY-D4061	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 2 OF 12
80	MY-D4062	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 3 OF 12
81	MY-D4063	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 4 OF 12
82	MY-D4064	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 5 OF 12
83	MY-D4065	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 6 OF 12
84	MY-D4066	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 7 OF 12
85	MY-D4067	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 8 OF 12
86	MY-D4068	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 9 OF 12
87	MY-D4069	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 10 OF 12
88	MY-D4070	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 11 OF 12
89	MY-D4071	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOWF - NORTH LANCASTER - PLAN SHEET 12 OF 12

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REV	DATE	BY	CHK	APP	DESCRIPTION

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
MAINTENANCE OF WAY
INDEX OF DRAWINGS
SHEET 17 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0017
SCALE
NONE
SHEET NO.
18

COMMUNICATIONS GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1	CO-B0001	COVER SHEET
2	CO-B0002	GENERAL - INDEX OF DRAWING - SHEET 1 OF 1
3	CO-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 4
4	CO-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 4
5	CO-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 4
6	CO-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 4 OF 4
7	CO-C6001	ALTERNATIVE 1,2,3,5 - GENERAL - KEY MAP - SHEET 1 OF 2
8	CO-C6002	ALTERNATIVE 1,2,3,5 - GENERAL - KEY MAP - SHEET 2 OF 2

COMMUNICATIONS LAYOUTS AND SITE PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
9	CO-D0001	ALTERNATIVE 1 - COMMUNICATIONS LAYOUT
10	CO-D0002	ALTERNATIVE 2 - COMMUNICATIONS LAYOUT
11	CO-D0003	ALTERNATIVE 3 - COMMUNICATIONS LAYOUT
12	CO-D0004	ALTERNATIVE 5 - COMMUNICATIONS LAYOUT
13	CO-F4001	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 17329+98
14	CO-F4002	ALTERNATIVE 1,2,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 19802+39
15	CO-F4003	ALTERNATIVE 1,2,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 19907+50
16	CO-F4004	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 20210+00
17	CO-F4005	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 20396+00
18	CO-F4006	ALTERNATIVE 1,2,3 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 20720+00
19	CO-F4007	ALTERNATIVE 1,2,3 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 21004+00
20	CO-F4011	ALTERNATIVE 3 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 19795+50
21	CO-F4012	ALTERNATIVE 3 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 19900+00
22	CO-F4021	ALTERNATIVE 5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 20720+00
23	CO-F4022	ALTERNATIVE 5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 21000+50

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
COMMUNICATIONS
INDEX OF DRAWINGS
SHEET 18 OF 49

CONTRACT NO. HSR13-44
DRAWING NO. GE-B0018
SCALE NONE
SHEET NO. 19

TRACTION POWER GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1	TP-B0001	COVER SHEET
2	TP-B0002	GENERAL - DRAWING INDEX SHEET
3	TP-B0003	GENERAL - ABBREVIATIONS AND LEGEND
4	TP-B0004	GENERAL - ABBREVIATIONS AND LEGEND
5	TP-B0005	GENERAL - ABBREVIATIONS AND LEGEND
6	TP-B0006	GENERAL - ABBREVIATIONS AND LEGEND
7	TP-B3002	ALTERNATIVE 1,2,3,5 - TYPICAL SECTIONS -SHEET 1 OF 4
8	TP-B3003	ALTERNATIVE 1,2,3,5 - TYPICAL SECTIONS -SHEET 2 OF 4
9	TP-B3004	ALTERNATIVE 1,2,3,5 - TYPICAL SECTIONS -SHEET 3 OF 4
10	TP-B3005	ALTERNATIVE 1,2,3,5 - TYPICAL SECTIONS -SHEET 4 OF 4

TRACTION POWER LAYOUTS, TYPICAL LAYOUTS AND SITE PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
11	TP-D0001	ALTERNATIVE 1 - TRACTION POWER FACILITY LAYOUT
12	TP-D0002	ALTERNATIVE 2 - TRACTION POWER FACILITY LAYOUT
13	TP-D0003	ALTERNATIVE 3 - TRACTION POWER FACILITY LAYOUT
14	TP-D0004	ALTERNATIVE 5 - TRACTION POWER FACILITY LAYOUT
15	TP-E4001	TYPICAL LAYOUT - TRACTION POWER SUPPLY STATION - WITH 2 HIGH VOLTAGE TRANSFORMERS
16	TP-E4002	TYPICAL LAYOUT - SWITCHING STATION - WITH 4 AUTOTRANSFORMERS
17	TP-E4003	TYPICAL LAYOUT - PARALLELING STATION - WITH 2 AUTOTRANSFORMERS
18	TP-F4002	ALTERNATIVE 1,2,3,5 - PROPOSED INTERCONNECT MONOLITH SUBSTATION
19	TP-F4003	ALTERNATIVE 1,2,3,5 - PROPOSED INTERCONNECT ANTELOPE VALLEY SUBSTATION
20	TP-04001	ALTERNATIVE 1,3,5 - TRACTION POWER SITE PLAN - SUPPLY STATION D-SS-MIL 17370+00
21	TP-04002	ALTERNATIVE 1,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-RED 17591+50
22	TP-04003	ALTERNATIVE 1,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-NEU 17824+31
23	TP-04004	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - SWITCHING STATION D-SWS-BEN 18103+22
24	TP-04005	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-BEA 18302+00
25	TP-04006	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-WOO 18575+97
26	TP-04007	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-SR5 18806+25
27	TP-04008	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - SUPPLY STATION D-SS-CHA 19050+00
28	TP-04009	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-HIG 19234+50
29	TP-04010	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-CAM 19449+75
30	TP-04011	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-ROB 19695+00
31	TP-04012	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - SUPPLY STATION D-SS-TEH 20015+00
32	TP-04013	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-HID 20290+43
33	TP-04014	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-C12 20571+50
34	TP-04015	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - SWITCHING STATION D-SWS-HAV 20845+75
35	TP-04016	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-COL 21134+76
36	TP-04101	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - SUPPLY STATION D-SS-MIL 17370+00
37	TP-04102	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-RED 17590+72
38	TP-04103	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-NEU 17824+31
39	TP-04151	ALTERNATIVE 3 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-CAM 19449+75
40	TP-04152	ALTERNATIVE 3 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-ROB 19690+00
41	TP-04153	ALTERNATIVE 3 - TRACTION POWER SITE PLAN - SUPPLY STATION D-SS-TEH 20012+00
42	TP-04201	ALTERNATIVE 5 - TRACTION POWER SITE PLAN - SWITCHING STATION D-SWS-HAV 20845+75
43	TP-04202	ALTERNATIVE 5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-COL 21134+76

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
TRACTION POWER
INDEX OF DRAWINGS
SHEET 19 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0019
SCALE
NONE
SHEET NO.
20

TRAIN CONTROL GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		COVER SHEET
2	TC-B0002	GENERAL - INDEX OF DRAWING - SHEET 1 OF 1
3	TC-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 1 OF 4
4	TC-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 2 OF 4
5	TC-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 3 OF 4
6	TC-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 4 OF 4
7	TC-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
8	TC-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
9	TC-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
10	TC-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
11	TC-C6005	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 1 OF 2
12	TC-C6006	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 2 OF 2
13	TC-C6007	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 1 OF 2
14	TC-C6008	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 2 OF 2

TRAIN CONTROL LAYOUTS AND SITE PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
15	TC-D0001	ALTERNATIVE 1 - AUTOMATIC TRAIN CONTROL LAYOUT
16	TC-D0002	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL LAYOUT
17	TC-D0003	ALTERNATIVE 3 - AUTOMATIC TRAIN CONTROL LAYOUT
18	TC-D0004	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL LAYOUT
19	TC-F4001	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 17438+00
20	TC-F4002	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 17640+26,17658+56
21	TC-F4003	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-E SITE 17680+78
22	TC-F4004	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 17723+00, 17747+99
23	TC-F4005	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 17950+00
24	TC-F4006	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 18302+00
25	TC-F4007	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 18749+50
26	TC-F4008	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 19131+50
27	TC-F4009	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 19178+00
28	TC-F4010	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 19208+50
29	TC-F4011	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 19245+75
30	TC-F4012	ALTERNATIVE 1,2,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 19607+00
31	TC-F4013	ALTERNATIVE 1,2,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 20060+00
32	TC-F4015	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 20502+50
33	TC-F4017	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 20845+75
34	TC-F4018	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 21025+64, 21035+64, 21046+00
35	TC-F4019	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 21136+00
36	TC-F4025	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 17441+00
37	TC-F4026	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-V SITES 17651+69, 17670+00
38	TC-F4027	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-E SITE 17700+50
39	TC-F4028	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITE 17729+26
40	TC-F4029	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITE 17766+29
41	TC-F4035	ALTERNATIVE 3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 19450+00
42	TC-F4036	ALTERNATIVE 3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 19688+50
43	TC-F4040	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 20845+75
44	TC-F4041	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 21027+04, 21037+04, 21055+34
45	TC-F4042	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 21135+80

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
TRAIN CONTROL
INDEX OF DRAWINGS
SHEET 20 OF 49

CONTRACT NO.
HSR13-44

DRAWING NO.
GE-B0020

SCALE
NONE

SHEET NO.
21

TUNNEL GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1	TN-B0001	COVER SHEET
2	TN-B0002	GENERAL INDEX OF DRAWINGS
3	TN-B0003	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 1 OF 4
4	TN-B0004	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 2 OF 4
5	TN-B0005	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 3 OF 4
6	TN-B0006	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 4 OF 4
7	TN-B0007	ALTERNATIVE 1,2,3,5 TUNNELS KEY MAP - SHEET 1 OF 1
8	TN-B0008	ALTERNATIVE 3 TUNNELS KEY MAP - SHEET 1 OF 1

PLAN SHEETS - ALIGNMENTS 1, 2, 3, 5

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
9	TN-C4003	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18015+00 TO 18075+00
10	TN-C4004	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18103+00 TO 18163+00
11	TN-C4005	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18171+00 TO 18231+00
12	TN-C4006	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18338+00 TO 18398+00
13	TN-C4007	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18398+00 TO 18458+00
14	TN-C4008	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18505+00 TO 18566+00
15	TN-C4009	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18566+00 TO 18630+00
16	TN-C4010	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18630+00 TO 18690+00
17	TN-C4011	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18911+00 TO 18971+00
18	TN-C4012	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18971+00 TO 19031+00
19	TN-C4012A	ALIGNMENT "ALT 1, 2, 5" - STA 19235+00 TO 19285+00
20	TN-C4013	ALIGNMENT "ALT 1, 2, 5" - STA 19285+00 TO 19335+00
21	TN-C4014	ALIGNMENT "ALT 1, 2, 5" - STA 19335+00 TO 19398+00
22	TN-C4015	ALIGNMENT "ALT 1, 2, 5" - STA 19398+00 TO 19463+00
23	TN-C4016	ALIGNMENT "ALT 1, 2, 5" - STA 19463+00 TO 19524+00
24	TN-C4017	ALIGNMENT "ALT 1, 2, 5" - STA 19524+00 TO 19585+00
25	TN-C4018	ALIGNMENT "ALT 1, 2, 5" - STA 19585+00 TO 19645+00
26	TN-C4103	ALIGNMENT "ALT3" - STA 19268+00 TO 19331+00
27	TN-C4104	ALIGNMENT "ALT3" - STA 19331+00 TO 19393+00
28	TN-C4105	ALIGNMENT "ALT3" - STA 19393+00 TO 19456+00
29	TN-C4106	ALIGNMENT "ALT3" - STA 19456+00 TO 19519+00
30	TN-C4107	ALIGNMENT "ALT3" - STA 19519+00 TO 19582+00
31	TN-C4108	ALIGNMENT "ALT3" - STA 19582+00 TO 19633+00
32	TN-C4109	ALIGNMENT "ALT3" - STA 19633+00 TO 19683+00
33	TN-C4110	ALIGNMENT "ALT3" - STA 19683+00 TO 19733+00
34	TN-C4201	ALTERNATIVE 1, 2, 3 - TYPICAL UNDERPASS LAYOUT
35	TN-C4202	ALTERNATIVE 5 - TYPICAL UNDERPASS LAYOUT

PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
36	TN-Y1001	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 1 AND TUNNEL 2
37	TN-Y1002	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 3 AND TUNNEL 4
38	TN-Y1003	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 4 SHEET 1
39	TN-Y1004	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 4 SHEET 2
40	TN-Y1005	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 5 AND TUNNEL 6
41	TN-Y1006	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 6
42	TN-Y1007	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 7 SHEET 1
43	TN-Y1008	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 7 SHEET 2
44	TN-Y1009	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 1
45	TN-Y1010	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 2
46	TN-Y1011	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 3
47	TN-Y1012	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 4
48	TN-Y1013	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 AND TUNNEL 9
49	TN-Y1014	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 9 SHEET 1

PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
50	TN-Y1015	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 9 SHEET 2
51	TN-Y1101	ALT 3 - TUNNEL PROFILES - TUNNEL 8 SHEET 1
52	TN-Y1102	ALT 3 - TUNNEL PROFILES - TUNNEL 8 SHEET 2
53	TN-Y1103	ALT 3 - TUNNEL PROFILES - TUNNEL 8 SHEET 3
54	TN-Y1104	ALT 3 - TUNNEL PROFILES - TUNNEL 8 SHEET 4
55	TN-Y1105	ALT 3 - TUNNEL PROFILES - TUNNEL 8 AND TUNNEL 9
56	TN-Y1106	ALT 3 - TUNNEL PROFILES - TUNNEL 9 SHEET 1
57	TN-Y1107	ALT 3 - TUNNEL PROFILES - TUNNEL 9 SHEET 2
58	TN-Y1108	ALT 3 - TUNNEL PROFILES - TUNNEL 9 SHEET 3
59	TN-Y1109	ALT 3 - TUNNEL PROFILES - TUNNEL 9 SHEET 4
60	TN-Y1201	PROFILE VIEW - TYPICAL UNDERPASS PROFILE

SECTIONS AND DETAILS SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
61	TN-B3301	TUNNEL SEQUENTIAL EXCAVATION METHOD SINGLE TUNNEL CLEARANCE DIAGRAM - TANGENT TRACK
62	TN-B3302	TUNNEL SEQUENTIAL EXCAVATION METHOD EXCAVATION SEQUENCE INITIAL SUPPORT
63	TN-B3303	TUNNEL DRILL AND BLAST METHOD SINGLE TUNNEL CLEARANCE DIAGRAM
64	TN-B3304	TUNNEL DRILL AND BLAST METHOD SINGLE TUNNEL INITIAL SUPPORT
65	TN-B3305	TUNNEL DRILL AND BLAST METHOD, TWIN TUNNELS CLEARANCE DIAGRAM - TANGENT TRACK
66	TN-B3306	TUNNEL DRILL AND BLAST METHOD, TWIN TUNNELS CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
67	TN-B3307	TUNNEL DRILL AND BLAST METHOD, TWIN TUNNELS INITIAL SUPPORT
68	TN-B3308	TUNNEL TWIN TBM BORED TUNNELS CLEARANCE DIAGRAM - TANGENT TRACK
69	TN-B3309	TUNNEL TWIN TBM BORED TUNNELS CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
70	TN-B3310	TUNNEL TWIN TBM BORED TUNNELS INITIAL SUPPORT
71	TN-B3311	TUNNEL CUT AND COVER BOX (HABITAT RESTORATION) CLEARANCE DIAGRAM - TANGENT TRACK
72	TN-B3312	TUNNEL CUT AND COVER BOX (HABITAT RESTORATION) CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
73	TN-B3313	TUNNEL CUT AND COVER BOX TWIN TUNNEL SINGLE TRACK CLEARANCE DIAGRAM - TANGENT TRACK
74	TN-B3314	TUNNEL CUT AND COVER BOX TWIN TUNNEL SINGLE TRACK CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
75	TN-B3315	TUNNEL EMERGENCY CROSS PASSAGE
76	TN-B3316	TYPICAL TRANSVERSE SECTION PORTAL FACILITIES FOR SINGLE TUNNEL CONFIGURATION
77	TN-B3317	TYPICAL TRANSVERSE SECTION PORTAL FACILITIES FOR TWIN TUNNEL CONFIGURATION
78	TN-B3318	TYPICAL TUNNEL PORTAL FACILITIES PLAN SINGLE TUNNEL CONFIGURATION
79	TN-B3319	TYPICAL TUNNEL PORTAL FACILITIES PLAN TWIN TUNNEL CONFIGURATION
80	TN-B3320	TYPICAL TUNNEL PORTAL FACILITIES PLAN AT GRADE TWIN TUNNEL CONFIGURATION LONG SECTION
81	TN-B3321	TYPICAL TUNNEL PORTAL FACILITIES PLAN AT GRADE SINGLE TUNNEL CONFIGURATION LONG SECTION
82	TN-B3322	TUNNEL CUT AND COVER BOX PEDESTRIAN UNDERPASS

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY J. MEREDITH
DRAWN BY B. MOZAFFARIAN
CHECKED BY K. BAKER
IN CHARGE G. CAMPBELL
DATE 1/29/2021

**RECORD SET
PEPD SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
TUNNEL
INDEX OF DRAWINGS
SHEET 21 OF 49

CONTRACT NO. HSR13-44
DRAWING NO. GE-B0021
SCALE NONE
SHEET NO. 22

UTILITIES GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		COVER SHEET
2	UT-B0001	INDEX SHEETS (SHEET 1 OF 4)
3	UT-B0002	INDEX SHEETS (SHEET 2 OF 4)
4	UT-B0003	INDEX SHEETS (SHEET 3 OF 4)
5	UT-B0004	INDEX SHEETS (SHEET 4 OF 4)
6	UT-B0005	ABBREVIATIONS AND LEGEND
7	UT-B0006	GENERAL NOTES AND UTILITY OWNERS
8	UT-B0007	UTILITY CROSSING DETAIL
9	UT-B0008	ALTERNATIVE 1 - KEY MAP (SHEET 1 OF 7)
10	UT-B0009	ALTERNATIVE 1 - KEY MAP (SHEET 2 OF 7)
11	UT-B0010	ALTERNATIVE 1 - KEY MAP (SHEET 3 OF 7)
12	UT-B0011	ALTERNATIVE 1 - KEY MAP (SHEET 4 OF 7)
13	UT-B0012	ALTERNATIVE 1 - KEY MAP (SHEET 5 OF 7)
14	UT-B0013	ALTERNATIVE 1 - KEY MAP (SHEET 6 OF 7)
15	UT-B0014	ALTERNATIVE 1 - KEY MAP (SHEET 7 OF 7)
16	UT-B0015	ALTERNATIVE 2 - KEY MAP (SHEET 1 OF 1)
17	UT-B0025	ALTERNATIVE 3 - KEY MAP (SHEET 1 OF 2)
18	UT-B0026	ALTERNATIVE 3 - KEY MAP (SHEET 2 OF 2)
19	UT-B0034	ALTERNATIVE 5 - KEY MAP (SHEET 1 OF 2)
20	UT-B0035	ALTERNATIVE 5 - KEY MAP (SHEET 2 OF 2)

ALTERNATIVE 1

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
21	UT-C4001	ALTERNATIVE 1,3,5 - STA 17285+00 TO 17310+00
22	UT-C4002	ALTERNATIVE 1,3,5 - STA 17310+00 TO 17335+00
23	UT-C4003	ALTERNATIVE 1,3,5 - STA 17335+00 TO 17360+00
24	UT-C4004	ALTERNATIVE 1,3,5 - STA 17360+00 TO 17385+00
25	UT-C4005	ALTERNATIVE 1,3,5 - STA 17385+00 TO 17410+00
26	UT-C4006	ALTERNATIVE 1,3,5 - STA 17410+00 TO 17435+00
27	UT-C4007	ALTERNATIVE 1,3,5 - STA 17435+00 TO 17460+00
28	UT-C4008	ALTERNATIVE 1,3,5 - STA 17460+00 TO 17485+00
29	UT-C4009	ALTERNATIVE 1,3,5 - STA 17485+00 TO 17510+00
30	UT-C4010	ALTERNATIVE 1,3,5 - STA 17510+00 TO 17535+00
31	UT-C4011	ALTERNATIVE 1,3,5 - STA 17535+00 TO 17560+00
32	UT-C4012	ALTERNATIVE 1,3,5 - STA 17560+00 TO 17585+00
33	UT-C4013	ALTERNATIVE 1,3,5 - STA 17585+00 TO 17610+00
34	UT-C4014	ALTERNATIVE 1,3,5 - STA 17610+00 TO 17635+00
35	UT-C4015	ALTERNATIVE 1,3,5 - STA 17635+00 TO 17660+00
36	UT-C4016	ALTERNATIVE 1,3,5 - STA 17660+00 TO 17685+00
37	UT-C4017	ALTERNATIVE 1,3,5 - STA 17685+00 TO 17710+00

ALTERNATIVE 1 CONTINUED

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
38	UT-C4018	ALTERNATIVE 1,3,5 - STA 17710+00 TO 17735+00
39	UT-C4019	ALTERNATIVE 1,3,5 - STA 17735+00 TO 17760+00
40	UT-C4020	ALTERNATIVE 1,3,5 - STA 17760+00 TO 17785+00
41	UT-C4021	ALTERNATIVE 1,3,5 - STA 17785+00 TO 17810+00
42	UT-C4022	ALTERNATIVE 1,3,5 - STA 17810+00 TO 17835+00
43	UT-C4023	ALTERNATIVE 1,3,5 - STA 17835+00 TO 17860+00
44	UT-C4024	ALTERNATIVE 1,3,5 - STA 17860+00 TO 17885+00
45	UT-C4025	ALTERNATIVE 1,3,5 - STA 17885+00 TO 17910+00
46	UT-C4026	ALTERNATIVE 1,2,3,5 - STA 17910+00 TO 17935+00
47	UT-C4027	ALTERNATIVE 1,2,3,5 - STA 17935+00 TO 17960+00
48	UT-C4028	ALTERNATIVE 1,2,3,5 - STA 17960+00 TO 17985+00
49	UT-C4029	ALTERNATIVE 1,2,3,5 - STA 17985+00 TO 18010+00
50	UT-C4030	ALTERNATIVE 1,2,3,5 - STA 18010+00 TO 18035+00
51	UT-C4031	ALTERNATIVE 1,2,3,5 - STA 18035+00 TO 18060+00
52	UT-C4032	ALTERNATIVE 1,2,3,5 - STA 18060+00 TO 18085+00
53	UT-C4033	ALTERNATIVE 1,2,3,5 - STA 18085+00 TO 18110+00
54	UT-C4034	ALTERNATIVE 1,2,3,5 - STA 18110+00 TO 18135+00
55	UT-C4035	ALTERNATIVE 1,2,3,5 - STA 18135+00 TO 18160+00
56	UT-C4036	ALTERNATIVE 1,2,3,5 - STA 18160+00 TO 18185+00
57	UT-C4037	ALTERNATIVE 1,2,3,5 - STA 18185+00 TO 18210+00
58	UT-C4038	ALTERNATIVE 1,2,3,5 - STA 18210+00 TO 18235+00
59	UT-C4039	ALTERNATIVE 1,2,3,5 - STA 18235+00 TO 18260+00
60	UT-C4040	ALTERNATIVE 1,2,3,5 - STA 18260+00 TO 18285+00
61	UT-C4041	ALTERNATIVE 1,2,3,5 - STA 18285+00 TO 18310+00
62	UT-C4042	ALTERNATIVE 1,2,3,5 - STA 18310+00 TO 18335+00
63	UT-C4043	ALTERNATIVE 1,2,3,5 - STA 18335+00 TO 18360+00
64	UT-C4044	ALTERNATIVE 1,2,3,5 - STA 18360+00 TO 18385+00
65	UT-C4045	ALTERNATIVE 1,2,3,5 - STA 18385+00 TO 18410+00
66	UT-C4046	ALTERNATIVE 1,2,3,5 - STA 18410+00 TO 18435+00
67	UT-C4047	ALTERNATIVE 1,2,3,5 - STA 18435+00 TO 18460+00
68	UT-C4048	ALTERNATIVE 1,2,3,5 - STA 18460+00 TO 18485+00
69	UT-C4049	ALTERNATIVE 1,2,3,5 - STA 18485+00 TO 18510+00
70	UT-C4050	ALTERNATIVE 1,2,3,5 - STA 18510+00 TO 18535+00
71	UT-C4051	ALTERNATIVE 1,2,3,5 - STA 18535+00 TO 18560+00
72	UT-C4052	ALTERNATIVE 1,2,3,5 - STA 18560+00 TO 18585+00
73	UT-C4053	ALTERNATIVE 1,2,3,5 - STA 18585+00 TO 18610+00
74	UT-C4054	ALTERNATIVE 1,2,3,5 - STA 18610+00 TO 18635+00
75	UT-C4055	ALTERNATIVE 1,2,3,5 - STA 18635+00 TO 18660+00
76	UT-C4056	ALTERNATIVE 1,2,3,5 - STA 18660+00 TO 18685+00
77	UT-C4057	ALTERNATIVE 1,2,3,5 - STA 18685+00 TO 18710+00
78	UT-C4058	ALTERNATIVE 1,2,3,5 - STA 18710+00 TO 18735+00
79	UT-C4059	ALTERNATIVE 1,2,3,5 - STA 18735+00 TO 18760+00
80	UT-C4060	ALTERNATIVE 1,2,3,5 - STA 18760+00 TO 18785+00
81	UT-C4061	ALTERNATIVE 1,2,3,5 - STA 18785+00 TO 18810+00
82	UT-C4062	ALTERNATIVE 1,2,3,5 - STA 18810+00 TO 18835+00
83	UT-C4063	ALTERNATIVE 1,2,3,5 - STA 18835+00 TO 18860+00
84	UT-C4064	ALTERNATIVE 1,2,3,5 - STA 18860+00 TO 18885+00
85	UT-C4065	ALTERNATIVE 1,2,3,5 - STA 18885+00 TO 18910+00
86	UT-C4066	ALTERNATIVE 1,2,3,5 - STA 18910+00 TO 18935+00
87	UT-C4067	ALTERNATIVE 1,2,3,5 - STA 18935+00 TO 18960+00
88	UT-C4068	ALTERNATIVE 1,2,3,5 - STA 18960+00 TO 18985+00
89	UT-C4069	ALTERNATIVE 1,2,3,5 - STA 18985+00 TO 19010+00
90	UT-C4070	ALTERNATIVE 1,2,3,5 - STA 19010+00 TO 19035+00
91	UT-C4071	ALTERNATIVE 1,2,3,5 - STA 19035+00 TO 19060+00
92	UT-C4072	ALTERNATIVE 1,2,3,5 - STA 19060+00 TO 19085+00
93	UT-C4073	ALTERNATIVE 1,2,3,5 - STA 19085+00 TO 19110+00
94	UT-C4074	ALTERNATIVE 1,2,3,5 - STA 19110+00 TO 19135+00
95	UT-C4075	ALTERNATIVE 1,2,3,5 - STA 19135+00 TO 19160+00

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

**RECORD SET
PEPD SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
UTILITIES
INDEX OF DRAWINGS
SHEET 22 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0022
SCALE
NONE
SHEET NO.
23

ALTERNATIVE 1 CONTINUED

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
96	UT-C4076	ALTERNATIVE 1,2,3,5 - STA 19160+00 TO 19185+00
97	UT-C4077	ALTERNATIVE 1,2,3,5 - STA 19185+00 TO 19210+00
98	UT-C4078	ALTERNATIVE 1,2,3,5 - STA 19210+00 TO 19235+00
99	UT-C4079	ALTERNATIVE 1,2,3,5 - STA 19235+00 TO 19260+00
100	UT-C4080	ALTERNATIVE 1,2,3,5 - STA 19260+00 TO 19285+00
101	UT-C4081	ALTERNATIVE 1,2,5 - STA 19285+00 TO 19310+00
102	UT-C4082	ALTERNATIVE 1,2,5 - STA 19310+00 TO 19335+00
103	UT-C4083	ALTERNATIVE 1,2,5 - STA 19335+00 TO 19360+00
104	UT-C4084	ALTERNATIVE 1,2,5 - STA 19360+00 TO 19385+00
105	UT-C4085	ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
106	UT-C4086	ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
107	UT-C4087	ALTERNATIVE 1,2,5 - STA 19435+00 TO 19460+00
108	UT-C4088	ALTERNATIVE 1,2,5 - STA 19460+00 TO 19485+00
109	UT-C4089	ALTERNATIVE 1,2,5 - STA 19485+00 TO 19510+00
110	UT-C4090	ALTERNATIVE 1,2,5 - STA 19510+00 TO 19535+00
111	UT-C4091	ALTERNATIVE 1,2,5 - STA 19535+00 TO 19560+00
112	UT-C4092	ALTERNATIVE 1,2,5 - STA 19560+00 TO 19585+00
113	UT-C4093	ALTERNATIVE 1,2,5 - STA 19585+00 TO 19610+00
114	UT-C4094	ALTERNATIVE 1,2,5 - STA 19610+00 TO 19635+00
115	UT-C4095	ALTERNATIVE 1,2,5 - STA 19635+00 TO 19660+00
116	UT-C4096	ALTERNATIVE 1,2,5 - STA 19660+00 TO 19685+00
117	UT-C4097	ALTERNATIVE 1,2,5 - STA 19685+00 TO 19710+00
118	UT-C4098	ALTERNATIVE 1,2,5 - STA 19710+00 TO 19735+00
119	UT-C4099	ALTERNATIVE 1,2,5 - STA 19735+00 TO 19760+00
120	UT-C4100	ALTERNATIVE 1,2,5 - STA 19760+00 TO 19785+00
121	UT-C4101	ALTERNATIVE 1,2,5 - STA 19785+00 TO 19810+00
122	UT-C4102	ALTERNATIVE 1,2,5 - STA 19810+00 TO 19835+00
123	UT-C4103	ALTERNATIVE 1,2,5 - STA 19835+00 TO 19860+00
124	UT-C4104	ALTERNATIVE 1,2,5 - STA 19860+00 TO 19885+00
125	UT-C4105	ALTERNATIVE 1,2,5 - STA 19885+00 TO 19910+00
126	UT-C4106	ALTERNATIVE 1,2,5 - STA 19910+00 TO 19935+00
127	UT-C4107	ALTERNATIVE 1,2,5 - STA 19935+00 TO 19960+00
128	UT-C4108	ALTERNATIVE 1,2,5 - STA 19960+00 TO 19985+00
129	UT-C4109	ALTERNATIVE 1,2,5 - STA 19985+00 TO 20010+00
130	UT-C4110	ALTERNATIVE 1,2,5 - STA 20010+00 TO 20035+00
131	UT-C4111	ALTERNATIVE 1,2,3,5 - STA 20035+00 TO 20060+00
132	UT-C4112	ALTERNATIVE 1,2,3,5 - STA 20060+00 TO 20085+00
133	UT-C4113	ALTERNATIVE 1,2,3,5 - STA 20085+00 TO 20110+00
134	UT-C4114	ALTERNATIVE 1,2,3,5 - STA 20110+00 TO 20135+00
135	UT-C4115	ALTERNATIVE 1,2,3,5 - STA 20135+00 TO 20160+00
136	UT-C4116	ALTERNATIVE 1,2,3,5 - STA 20160+00 TO 20185+00
137	UT-C4117	ALTERNATIVE 1,2,3,5 - STA 20185+00 TO 20210+00
138	UT-C4118	ALTERNATIVE 1,2,3,5 - STA 20210+00 TO 20235+00
139	UT-C4119	ALTERNATIVE 1,2,3,5 - STA 20235+00 TO 20260+00
140	UT-C4120	ALTERNATIVE 1,2,3,5 - STA 20260+00 TO 20285+00
141	UT-C4121	ALTERNATIVE 1,2,3,5 - STA 20285+00 TO 20310+00
142	UT-C4122	ALTERNATIVE 1,2,3,5 - STA 20310+00 TO 20335+00
143	UT-C4123	ALTERNATIVE 1,2,3,5 - STA 20335+00 TO 20360+00
144	UT-C4124	ALTERNATIVE 1,2,3,5 - STA 20360+00 TO 20385+00
145	UT-C4125	ALTERNATIVE 1,2,3,5 - STA 20385+00 TO 20410+00
146	UT-C4126	ALTERNATIVE 1,2,3,5 - STA 20410+00 TO 20435+00
147	UT-C4127	ALTERNATIVE 1,2,3,5 - STA 20435+00 TO 20460+00
148	UT-C4128	ALTERNATIVE 1,2,3,5 - STA 20460+00 TO 20485+00
149	UT-C4129	ALTERNATIVE 1,2,3,5 - STA 20485+00 TO 20510+00
150	UT-C4130	ALTERNATIVE 1,2,3,5 - STA 20510+00 TO 20535+00
151	UT-C4131	ALTERNATIVE 1,2,3,5 - STA 20535+00 TO 20560+00
152	UT-C4132	ALTERNATIVE 1,2,3,5 - STA 20560+00 TO 20585+00
153	UT-C4133	ALTERNATIVE 1,2,3,5 - STA 20585+00 TO 20610+00

ALTERNATIVE 1 CONTINUED

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
154	UT-C4134	ALTERNATIVE 1,2,3,5 - STA 20610+00 TO 20635+00
155	UT-C4135	ALTERNATIVE 1,2,3,5 - STA 20635+00 TO 20660+00
156	UT-C4136	ALTERNATIVE 1,2,3,5 - STA 20660+00 TO 20685+00
157	UT-C4137	ALTERNATIVE 1,2,3,5 - STA 20685+00 TO 20710+00
158	UT-C4138	ALTERNATIVE 1,2,3,5 - STA 20710+00 TO 20735+00
159	UT-C4139	ALTERNATIVE 1,2,3 - STA 20735+00 TO 20760+00
160	UT-C4140	ALTERNATIVE 1,2,3 - STA 20760+00 TO 20785+00
161	UT-C4141	ALTERNATIVE 1,2,3 - STA 20785+00 TO 20810+00
162	UT-C4142	ALTERNATIVE 1,2,3 - STA 20810+00 TO 20835+00
163	UT-C4143	ALTERNATIVE 1,2,3 - STA 20835+00 TO 20860+00
164	UT-C4144	ALTERNATIVE 1,2,3 - STA 20860+00 TO 20885+00
165	UT-C4145	ALTERNATIVE 1,2,3 - STA 20885+00 TO 20910+00
166	UT-C4146	ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
167	UT-C4147	ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
168	UT-C4148	ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
169	UT-C4149	ALTERNATIVE 1,2,3 - STA 20985+00 TO 21010+00
170	UT-C4150	ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
171	UT-C4151	ALTERNATIVE 1,2,3 - STA 21035+00 TO 21060+00
172	UT-C4152	ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
173	UT-C4153	ALTERNATIVE 1,2,3 - STA 21085+00 TO 21110+00
174	UT-C4154	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
175	UT-C4155	ALTERNATIVE 1,2,3 - STA 21135+00 TO 21160+00
176	UT-C4156	ALTERNATIVE 1,2,3 - STA 21160+00 TO 21185+00
177	UT-C4157	ALTERNATIVE 1,2,3 - STA 21185+00 TO 21210+00
178	UT-C4158	ALTERNATIVE 1,2,3 - STA 21210+00 TO 21235+00
179	UT-C4159	ALTERNATIVE 1,2,3 - STA 19460+00 TO 19485+00
180	UT-C4201	ALTERNATIVE 1,2,3 - STA 20785+00 TO 20810+00
181	UT-C4202	ALTERNATIVE 1,2,3 - STA 20785+00 TO 20810+00
182	UT-C4203	ALTERNATIVE 1,2,3 - STA 20835+00 TO 20885+00
183	UT-C4204	ALTERNATIVE 1,2,3 - STA 20835+00 TO 20885+00
184	UT-C4205	ALTERNATIVE 1,2,3 - STA 20835+00 TO 20885+00
185	UT-C4206	ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
186	UT-C4207	ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
187	UT-C4208	ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
188	UT-C4209	ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
189	UT-C4210	ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
190	UT-C4211	ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
191	UT-C4212	ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
192	UT-C4213	ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
193	UT-C4214	ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
194	UT-C4215	ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
195	UT-C4216	ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
196	UT-C4217	ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
197	UT-C4218	ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
198	UT-C4219	ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
199	UT-C4220	ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
200	UT-C4221	ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
201	UT-C4222	ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
202	UT-C4223	ALTERNATIVE 1,2,3 - STA 21035+00 TO 21060+00
203	UT-C4224	ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
204	UT-C4225	ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
205	UT-C4226	ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
206	UT-C4227	ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
207	UT-C4228	ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
208	UT-C4229	ALTERNATIVE 1,2,3 - STA 21085+00 TO 21110+00
209	UT-C4230	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
210	UT-C4231	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
211	UT-C4232	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
CHECKED BY
K. BAKER
IN CHARGE
G. CAMPBELL
DATE
1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
UTILITIES
INDEX OF DRAWINGS
SHEET 23 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0023
SCALE
NONE
SHEET NO.
24

ALTERNATIVE 1 CONTINUED

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
212	UT-C4233	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
213	UT-C4234	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
214	UT-C4235	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
215	UT-C4236	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
216	UT-C4237	ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
217	UT-C4238	ALTERNATIVE 1,2,3 - STA 21135+00 TO 21160+00
218	UT-C4239	ALTERNATIVE 1,2,3 - STA 21135+00 TO 21160+00
219	UT-C4240	ALTERNATIVE 1,2,3 - STA 21160+00 TO 21185+00
220	UT-C4241	ALTERNATIVE 1,2,3 - STA 21160+00 TO 21185+00
221	UT-C4242	ALTERNATIVE 1,2,3 - STA 21185+00 TO 21210+00
222	UT-C4243	ALTERNATIVE 1,2,3 - STA 21185+00 TO 21210+00
223	UT-C4244	ALTERNATIVE 1,2,3 - STA 21210+00 TO 21235+00
224	UT-C4251	ALTERNATIVE 1,3,5 - STA 17360+00 TO 17385+00
225	UT-C4252	ALTERNATIVE 1,3,5 - STA 17385+00 TO 17410+00
226	UT-C4253	ALTERNATIVE 1,3,5 - STA 17385+00 TO 17410+00
227	UT-C4254	ALTERNATIVE 1,3,5 - STA 17510+00 TO 17535+00
228	UT-C4255	ALTERNATIVE 1,3,5 - STA 17560+00 TO 17585+00
229	UT-C4256	ALTERNATIVE 1,3,5 - STA 17585+00 TO 17610+00
230	UT-C4257	ALTERNATIVE 1,3,5 - STA 17610+00 TO 17635+00
231	UT-C4258	ALTERNATIVE 1,3,5 - STA 17660+00 TO 17685+00
232	UT-C4259	ALTERNATIVE 1,3,5 - STA 17710+00 TO 17735+00
233	UT-C4261	ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
234	UT-C4262	ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
235	UT-C4263	ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
236	UT-C4264	ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
237	UT-C4265	ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
238	UT-C4266	ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
239	UT-C4267	ALTERNATIVE 1,2,5 - STA 19435+00 TO 19460+00
240	UT-C4268	ALTERNATIVE 1,2,5 - STA 19435+00 TO 19460+00
241	UT-C4269	ALTERNATIVE 1,2,5 - STA 19810+00 TO 19835+00
242	UT-C4270	ALTERNATIVE 1,2,5 - STA 19835+00 TO 19860+00
243	UT-C4271	ALTERNATIVE 1,2,5 - STA 19860+00 TO 19885+00
244	UT-C4272	ALTERNATIVE 1,2,5 - STA 19885+00 TO 19910+00
245	UT-C4273	ALTERNATIVE 1,2,5 - STA 19985+00 TO 20010+00
246	UT-C4274	ALTERNATIVE 1,2,3,5 - STA 20010+00 TO 20035+00
247	UT-C4275	ALTERNATIVE 1,2,3,5 - STA 20035+00 TO 20060+00

ALTERNATIVE 2

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
248	UT-C4301	ALTERNATIVE 2 - STA 17285+00 TO 17310+00
249	UT-C4302	ALTERNATIVE 2 - STA 17310+00 TO 17335+00
250	UT-C4303	ALTERNATIVE 2 - STA 17335+00 TO 17360+00
251	UT-C4304	ALTERNATIVE 2 - STA 17360+00 TO 17385+00
252	UT-C4305	ALTERNATIVE 2 - STA 17385+00 TO 17410+00
253	UT-C4306	ALTERNATIVE 2 - STA 17410+00 TO 17435+00
254	UT-C4307	ALTERNATIVE 2 - STA 17435+00 TO 17460+00
255	UT-C4308	ALTERNATIVE 2 - STA 17460+00 TO 17485+00
256	UT-C4309	ALTERNATIVE 2 - STA 17485+00 TO 17510+00
257	UT-C4310	ALTERNATIVE 2 - STA 17510+00 TO 17535+00

ALTERNATIVE 2 CONTINUED

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
258	UT-C4311	ALTERNATIVE 2 - STA 17535+00 TO 17560+00
259	UT-C4312	ALTERNATIVE 2 - STA 17560+00 TO 17585+00
260	UT-C4313	ALTERNATIVE 2 - STA 17585+00 TO 17610+00
261	UT-C4314	ALTERNATIVE 2 - STA 17610+00 TO 17635+00
262	UT-C4315	ALTERNATIVE 2 - STA 17635+00 TO 17660+00
263	UT-C4316	ALTERNATIVE 2 - STA 17660+00 TO 17685+00
264	UT-C4317	ALTERNATIVE 2 - STA 17685+00 TO 17710+00
265	UT-C4318	ALTERNATIVE 2 - STA 17710+00 TO 17735+00
266	UT-C4319	ALTERNATIVE 2 - STA 17735+00 TO 17760+00
267	UT-C4320	ALTERNATIVE 2 - STA 17760+00 TO 17785+00
268	UT-C4321	ALTERNATIVE 2 - STA 17785+00 TO 17810+00
269	UT-C4322	ALTERNATIVE 2 - STA 17810+00 TO 17835+00
270	UT-C4323	ALTERNATIVE 2 - STA 17835+00 TO 17860+00
271	UT-C4324	ALTERNATIVE 2 - STA 17860+00 TO 17885+00
272	UT-C4325	ALTERNATIVE 2 - STA 17885+00 TO 17908+22
273	UT-C4331	ALTERNATIVE 2 - STA 17360+00 TO 17385+00
274	UT-C4332	ALTERNATIVE 2 - STA 17385+00 TO 17410+00
275	UT-C4333	ALTERNATIVE 2 - STA 17385+00 TO 17410+00

ALTERNATIVE 3

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
276	UT-C4401	ALTERNATIVE 3 - STA 19296+02 TO 19299+46
277	UT-C4402	ALTERNATIVE 3 - STA 19299+46 TO 19324+00
278	UT-C4403	ALTERNATIVE 3 - STA 19324+00 TO 19349+00
279	UT-C4404	ALTERNATIVE 3 - STA 19349+00 TO 19374+00
280	UT-C4405	ALTERNATIVE 3 - STA 19374+00 TO 19399+00
281	UT-C4406	ALTERNATIVE 3 - STA 19399+00 TO 19424+00
282	UT-C4407	ALTERNATIVE 3 - STA 19424+00 TO 19449+00
283	UT-C4408	ALTERNATIVE 3 - STA 19449+00 TO 19474+00
284	UT-C4409	ALTERNATIVE 3 - STA 19474+00 TO 19499+00
285	UT-C4410	ALTERNATIVE 3 - STA 19499+00 TO 19524+00
286	UT-C4411	ALTERNATIVE 3 - STA 19524+00 TO 19549+00
287	UT-C4412	ALTERNATIVE 3 - STA 19549+00 TO 19574+00
288	UT-C4413	ALTERNATIVE 3 - STA 19574+00 TO 19599+00
289	UT-C4414	ALTERNATIVE 3 - STA 19599+00 TO 19624+00
290	UT-C4415	ALTERNATIVE 3 - STA 19624+00 TO 19649+00
291	UT-C4416	ALTERNATIVE 3 - STA 19649+00 TO 19674+00
292	UT-C4417	ALTERNATIVE 3 - STA 19674+00 TO 19699+00
293	UT-C4418	ALTERNATIVE 3 - STA 19699+00 TO 19724+00
294	UT-C4419	ALTERNATIVE 3 - STA 19724+00 TO 19749+00
295	UT-C4420	ALTERNATIVE 3 - STA 19749+00 TO 19774+00
296	UT-C4421	ALTERNATIVE 3 - STA 19774+00 TO 19799+00
297	UT-C4422	ALTERNATIVE 3 - STA 19799+00 TO 19824+00
298	UT-C4423	ALTERNATIVE 3 - STA 19824+00 TO 19849+00
299	UT-C4424	ALTERNATIVE 3 - STA 19849+00 TO 19874+00
300	UT-C4425	ALTERNATIVE 3 - STA 19874+00 TO 19899+00
301	UT-C4426	ALTERNATIVE 3 - STA 19899+00 TO 19924+00
302	UT-C4427	ALTERNATIVE 3 - STA 19924+00 TO 19949+00
303	UT-C4428	ALTERNATIVE 3 - STA 19949+00 TO 19974+00
304	UT-C4429	ALTERNATIVE 3 - STA 19974+00 TO 19999+00
305	UT-C4430	ALTERNATIVE 3 - STA 19999+00 TO 20024+00
306	UT-C4431	ALTERNATIVE 3 - STA 20024+00 TO 20049+00
307	UT-C4441	ALTERNATIVE 3 - STA 19424+00 TO 19449+00
308	UT-C4442	ALTERNATIVE 3 - STA 19424+00 TO 19449+00
309	UT-C4443	ALTERNATIVE 3 - STA 19424+00 TO 19449+00
310	UT-C4444	ALTERNATIVE 3 - STA 19449+00 TO 19474+00
311	UT-C4445	ALTERNATIVE 3 - STA 19449+00 TO 19474+00
312	UT-C4446	ALTERNATIVE 3 - STA 19749+00 TO 19774+00

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DESIGNED BY
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B. MOZAFFARIAN
CHECKED BY
K. BAKER
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DATE
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
UTILITIES
INDEX OF DRAWINGS
SHEET 24 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0024
SCALE
NONE
SHEET NO.
25

ALTERNATIVE 3 CONTINUED

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
313	UT-C4447	ALTERNATIVE 3 - STA 19824+00 TO 19849+00
314	UT-C4448	ALTERNATIVE 5 - STA 19849+00 TO 19874+00
315	UT-C4449	ALTERNATIVE 5 - STA 19899+00 TO 19924+00
316	UT-C4450	ALTERNATIVE 5 - STA 19974+00 TO 19999+00
317	UT-C4451	ALTERNATIVE 5 - STA 19999+00 TO 20024+00
318	UT-C4452	ALTERNATIVE 5 - STA 20024+00 TO 20049+00

ALTERNATIVE 5

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
319	UT-C4501	ALTERNATIVE 5 - STA 20720+00 TO 20745+00
320	UT-C4502	ALTERNATIVE 5 - STA 20745+00 TO 20770+00
321	UT-C4503	ALTERNATIVE 5 - STA 20770+00 TO 20795+00
322	UT-C4504	ALTERNATIVE 5 - STA 20795+00 TO 20820+00
323	UT-C4505	ALTERNATIVE 5 - STA 20820+00 TO 20845+00
324	UT-C4506	ALTERNATIVE 5 - STA 20845+00 TO 20870+00
325	UT-C4507	ALTERNATIVE 5 - STA 20870+00 TO 20895+00
326	UT-C4508	ALTERNATIVE 5 - STA 20895+00 TO 20920+00
327	UT-C4509	ALTERNATIVE 5 - STA 20920+00 TO 20945+00
328	UT-C4510	ALTERNATIVE 5 - STA 20945+00 TO 20970+00
329	UT-C4511	ALTERNATIVE 5 - STA 20970+00 TO 20995+00
330	UT-C4512	ALTERNATIVE 5 - STA 20995+00 TO 21020+00
331	UT-C4513	ALTERNATIVE 5 - STA 21020+00 TO 21045+00
332	UT-C4514	ALTERNATIVE 5 - STA 21045+00 TO 21070+00
333	UT-C4515	ALTERNATIVE 5 - STA 21070+00 TO 21095+00
334	UT-C4516	ALTERNATIVE 5 - STA 21095+00 TO 21120+00
335	UT-C4517	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
336	UT-C4518	ALTERNATIVE 5 - STA 21145+00 TO 21170+00
337	UT-C4519	ALTERNATIVE 5 - STA 21170+00 TO 21195+00
338	UT-C4520	ALTERNATIVE 5 - STA 21195+00 TO 21220+00
339	UT-C4521	ALTERNATIVE 5 - STA 21220+00 TO 21245+00
340	UT-C4531	ALTERNATIVE 5 - STA 20795+00 TO 20820+00
341	UT-C4532	ALTERNATIVE 5 - STA 20795+00 TO 20820+00
342	UT-C4533	ALTERNATIVE 5 - STA 20845+00 TO 20870+00
343	UT-C4534	ALTERNATIVE 5 - STA 20845+00 TO 20870+00
344	UT-C4535	ALTERNATIVE 5 - STA 20845+00 TO 20870+00
345	UT-C4536	ALTERNATIVE 5 - STA 20895+00 TO 20920+00
346	UT-C4537	ALTERNATIVE 5 - STA 20895+00 TO 20920+00
347	UT-C4538	ALTERNATIVE 5 - STA 20895+00 TO 20920+00
348	UT-C4539	ALTERNATIVE 5 - STA 20895+00 TO 20920+00
349	UT-C4540	ALTERNATIVE 5 - STA 20920+00 TO 20945+00
350	UT-C4541	ALTERNATIVE 5 - STA 20920+00 TO 20945+00
351	UT-C4542	ALTERNATIVE 5 - STA 20920+00 TO 20945+00
352	UT-C4543	ALTERNATIVE 5 - STA 20945+00 TO 20970+00
353	UT-C4544	ALTERNATIVE 5 - STA 20945+00 TO 20970+00
354	UT-C4545	ALTERNATIVE 5 - STA 20945+00 TO 20970+00
355	UT-C4546	ALTERNATIVE 5 - STA 20945+00 TO 20970+00
356	UT-C4547	ALTERNATIVE 5 - STA 20995+00 TO 21045+00
357	UT-C4548	ALTERNATIVE 5 - STA 20995+00 TO 21045+00
358	UT-C4549	ALTERNATIVE 5 - STA 20995+00 TO 21045+00
359	UT-C4550	ALTERNATIVE 5 - STA 20995+00 TO 21045+00
360	UT-C4551	ALTERNATIVE 5 - STA 20995+00 TO 21045+00
361	UT-C4552	ALTERNATIVE 5 - STA 20995+00 TO 21045+00
362	UT-C4553	ALTERNATIVE 5 - STA 21020+00 TO 21045+00
363	UT-C4554	ALTERNATIVE 5 - STA 21045+00 TO 21095+00
364	UT-C4555	ALTERNATIVE 5 - STA 21045+00 TO 21095+00
365	UT-C4556	ALTERNATIVE 5 - STA 21045+00 TO 21095+00
366	UT-C4557	ALTERNATIVE 5 - STA 21045+00 TO 21095+00
367	UT-C4558	ALTERNATIVE 5 - STA 21045+00 TO 21095+00

ALTERNATIVE 5 CONTINUED

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
368	UT-C4559	ALTERNATIVE 5 - STA 21095+00 TO 21120+00
369	UT-C4560	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
370	UT-C4561	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
371	UT-C4562	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
372	UT-C4563	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
373	UT-C4564	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
374	UT-C4565	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
375	UT-C4566	ALTERNATIVE 5 - STA 21120+00 TO 21145+00
376	UT-C4567	ALTERNATIVE 5 - STA 21145+00 TO 21170+00
377	UT-C4568	ALTERNATIVE 5 - STA 21145+00 TO 21170+00
378	UT-C4569	ALTERNATIVE 5 - STA 21170+00 TO 21195+00
379	UT-C4570	ALTERNATIVE 5 - STA 21170+00 TO 21195+00
380	UT-C4571	ALTERNATIVE 5 - STA 21195+00 TO 21220+00
381	UT-C4572	ALTERNATIVE 5 - STA 21195+00 TO 21220+00
382	UT-C4573	ALTERNATIVE 5 - STA 21220+00 TO 21245+00

SEWER RELOCATION PROFILES

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
383	UT-D1001	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
384	UT-D1002	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
385	UT-D1003	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
386	UT-D1004	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
387	UT-D1005	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
388	UT-D1006	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
389	UT-D1007	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
390	UT-D1008	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
391	UT-D1009	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
392	UT-D1010	ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
393	UT-D1011	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
394	UT-D1012	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
395	UT-D1013	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
396	UT-D1014	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
397	UT-D1015	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
398	UT-D1016	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
399	UT-D1017	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
400	UT-D1018	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
401	UT-D1019	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
402	UT-D1020	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
403	UT-D1021	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
404	UT-D1022	ALTERNATIVE 5 - SEWER RELOCATION PROFILES
405	UT-D1023	ALTERNATIVE 5 - SEWER RELOCATION PROFILES

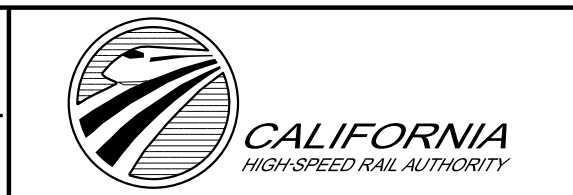
Projects\701206\00_CHSRBP\00_CADD\Sheet Files\GE\Volume 3 Master_Index_VBP-GE-B0025 5:13:42 PM katharine.baker@tylin.com 3/9/2021

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DESIGNED BY
J. MEREDITH
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
UTILITIES
INDEX OF DRAWINGS
SHEET 25 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0025
SCALE
NONE
SHEET NO.
26

**VOLUME 1
CCNM GENERAL SHEETS**

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		CCNM DESIGN OPTION - COVER SHEET
2	GE-B0002	CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWING - SHEET 1 OF 2
3	GE-B0003	CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWING - SHEET 2 OF 2
4	GE-B0004	CCNM DESIGN OPTION - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
5	GE-B0005	CCNM DESIGN OPTION - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
6	GE-B0006	CCNM DESIGN OPTION - GENERAL - ABBREVIATIONS - SHEET 3 OF 3

CCNM ALIGNMENT

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
7	TT-B0101	CCNM DESIGN OPTION - TRACK GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
8	TT-B0102	CCNM DESIGN OPTION - TRACK GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 1 OF 1
9	TT-B3101	CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 1 OF 4
10	TT-B3102	CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 2 OF 4
11	TT-B3103	CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 3 OF 4
12	TT-B3104	CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 4 OF 4
13	TT-C6101	CCNM DESIGN OPTION - TRACK GENERAL - KEY MAP - SHEET 1 OF 1
14	TT-D1301	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18458+80 TO 18485+00 - PLAN AND PROFILE
15	TT-D1302	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18485+00 TO 18535+00 - PLAN AND PROFILE
16	TT-D1303	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18535+00 TO 18585+00 - PLAN AND PROFILE
17	TT-D1304	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18585+00 TO 18635+00 - PLAN AND PROFILE
18	TT-D1305	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18635+00 TO 18685+00 - PLAN AND PROFILE
19	TT-D1306	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18685+00 TO 18735+00 - PLAN AND PROFILE
20	TT-D1307	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18735+00 TO 18785+00 - PLAN AND PROFILE
21	TT-D1308	CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18785+00 TO 18822+99 - PLAN AND PROFILE

CCNM ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
22	CV-R0001	CCNM DESIGN OPTION - ROADWAY GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
23	CV-R0002	CCNM DESIGN OPTION - ROADWAY GENERAL - TYPICAL SECTIONS - SR-58
24	CV-R0003	CCNM DESIGN OPTION - ROADWAY GENERAL - TYPICAL SECTIONS - ACCESS ROADS AND DIRT ROADS
25	CV-R0004	CCNM DESIGN OPTION - ROADWAY GENERAL - KEY MAP - SHEET 1 OF 1
26	CV-R1599	CCNM DESIGN OPTION - ROADWAY - BOX CULVERT CROSSING "18497" - PLAN AND SECTIONS
27	CV-R1600	CCNM DESIGN OPTION - ROADWAY - BOX CULVERT CROSSING "18700" - PLAN AND SECTIONS
28	CV-R1601	CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18473" - PLAN AND PROFILE
29	CV-R1602	CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18495" - PLAN AND PROFILE
30	CV-R1603	CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18616" - PLAN AND PROFILE
31	CV-R1604	CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18701" - PLAN AND PROFILE
32	CV-R1605	CCNM DESIGN OPTION - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
33	CV-R1606	CCNM DESIGN OPTION - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
34	CV-R1607	CCNM DESIGN OPTION - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
35	CV-R1608	CCNM DESIGN OPTION - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
36	CV-R1609	CCNM DESIGN OPTION - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
37	CV-R1610	CCNM DESIGN OPTION - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
38	CV-R1612	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18519" - HORIZONTAL ALIGNMENT DATA TABLE
39	CV-R1613	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18519" - PLAN AND PROFILE
40	CV-R1614	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18560" - PLAN AND PROFILE
41	CV-R1615	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18593" - HORIZONTAL ALIGNMENT DATA TABLE
42	CV-R1616	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18593" - PLAN AND PROFILE
43	CV-R1618	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18713" - PLAN AND PROFILE
44	CV-R1619	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18790" - HORIZONTAL ALIGNMENT DATA TABLE
45	CV-R1620	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18790" - PLAN AND PROFILE
46	CV-R1621	CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18790" - PLAN AND PROFILE

**VOLUME 2
CCNM CONSTRUCTION SEQUENCING**

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
47	CV-I0001	CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - GENERAL - NOTES AND LEGEND
48	CV-I0002	CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - GENERAL - KEY MAP
49	CV-I1101	CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - SHEET 1 OF 1

CCNM GRADING, DRAINAGE AND RETAINING WALLS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
50	CV-G0101	CCNM DESIGN OPTION - GRADING, DRAINAGE AND RETAINING WALLS GENERAL - LEGEND, ABBREV, AND GEN. NOTES
51	CV-G0102	CCNM DESIGN OPTION - GRADING, DRAINAGE AND RETAINING WALLS GENERAL - KEY MAP - SHEET 1 OF 1
52	CV-G1401A	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18460+05 - OFFSITE CULVERT PROFILE
53	CV-G1401B	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18482+70, 18487+63 - OFFSITE CULVERT PROFILE
54	CV-G1402	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18493+35 - OFFSITE CULVERT PROFILE
55	CV-G1403	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18497+86, 18500+69 - OFFSITE CULVERT PROFILE
56	CV-G1404	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18504+01, 18513+70 - OFFSITE CULVERT PROFILE
57	CV-G1405A	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18561+73, 18606+39 - OFFSITE CULVERT PROFILE
58	CV-G1405B	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18658+53 - OFFSITE CULVERT PROFILE
59	CV-G1406A	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18670+58 - OFFSITE CULVERT PROFILE
60	CV-G1406B	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18702+91 - OFFSITE CULVERT PROFILE
61	CV-G1407	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18714+86, 18752+72 - OFFSITE CULVERT PROFILE
62	CV-G1408	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18760+49, 18765+43 - OFFSITE CULVERT PROFILE
63	CV-G1409	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18769+58 - OFFSITE CULVERT PROFILE
64	CV-G1410	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18778+30, 18780+09 - OFFSITE CULVERT PROFILE
65	CV-G1411	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18806+06, 18808+95 - OFFSITE CULVERT PROFILE
66	CV-G4601	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18458+80 TO 18485+00 - PLAN
67	CV-G4602	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18485+00 TO 18510+00 - PLAN
68	CV-G4603	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18510+00 TO 18535+00 - PLAN
69	CV-G4604	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18535+00 TO 18560+00 - PLAN
70	CV-G4605	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18560+00 TO 18585+00 - PLAN
71	CV-G4606	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18585+00 TO 18610+00 - PLAN
72	CV-G4607	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18610+00 TO 18635+00 - PLAN
73	CV-G4608	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18635+00 TO 18660+00 - PLAN
74	CV-G4609	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18660+00 TO 18685+00 - PLAN
75	CV-G4610	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18685+00 TO 18710+00 - PLAN
76	CV-G4611	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18710+00 TO 18735+00 - PLAN
77	CV-G4612	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18735+00 TO 18760+00 - PLAN
78	CV-G4613	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18760+00 TO 18785+00 - PLAN
79	CV-G4614	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18785+00 TO 18810+00 - PLAN
80	CV-G4615	CCNM DESIGN OPTION - GRADING AND DRAINAGE - STA 18810+00 TO 18822+99 - PLAN
81	CV-G4616	CCNM DESIGN OPTION - GRADING AND DRAINAGE - ACCESS ROAD STA 18519+00 - PLAN
82	CV-G4617	CCNM DESIGN OPTION - GRADING AND DRAINAGE - ACCESS ROAD STA 18560+00 - PLAN
83	CV-G4618	CCNM DESIGN OPTION - GRADING AND DRAINAGE - ACCESS ROAD STA 18519+00 - PLAN
84	ST-G1101	CCNM DESIGN OPTION - RETAINING WALL - 18473 - PLAN AND PROFILE
85	ST-G1102	CCNM DESIGN OPTION - RETAINING WALL - 18474 - PLAN AND PROFILE
86	ST-G1103	CCNM DESIGN OPTION - RETAINING WALL - 18769 (STATE ROUTE 58) - PLAN AND PROFILE
87	ST-G1104	CCNM DESIGN OPTION - RETAINING WALL - 18781 AND 18783 (STATE ROUTE 58) - PLAN AND PROFILE
88	ST-G1105	CCNM DESIGN OPTION - RETAINING WALL - 18789 AND 18790 (STATE ROUTE 58) - PLAN AND PROFILE
89	ST-G1106	CCNM DESIGN OPTION - RETAINING WALL - 18792 (STATE ROUTE 58) - PLAN AND PROFILE
90	ST-G1107	CCNM DESIGN OPTION - RETAINING WALL - STATE ROUTE 58 - PLAN AND PROFILE

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
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CHECKED BY
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G. CAMPBELL
DATE
1/29/2021

**RECORD SET
PEPD SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

CCNM DESIGN OPTION
GENERAL
INDEX OF DRAWINGS
SHEET 26 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0026
SCALE
NONE
SHEET NO.
27

**VOLUME 3
CCNM TRACK AND ROADWAY STRUCTURES**

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
91	ST-J0001	CCNM DESIGN OPTION - TRACK AND ROADWAY STRUCTURES - GENERAL NOTES AND LEGEND
92	ST-J0002	CCNM DESIGN OPTION - TRACK AND ROADWAY STRUCTURES - KEY MAP
93	ST-J0003	CCNM DESIGN OPTION - GENERAL - TYPICAL SECTIONS - SHEET 1 OF 3
94	ST-J0004	CCNM DESIGN OPTION - GENERAL - TYPICAL SECTIONS - SHEET 2 OF 3
95	ST-J0005	CCNM DESIGN OPTION - GENERAL - TYPICAL SECTIONS - SHEET 3 OF 3
96	ST-J1201	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18463+56 TO 18475+16 - PLAN AND ELEVATION
97	ST-J1202	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18463+56 TO 18475+16 - PLAN AND ELEVATION
98	ST-J1203	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18564+23 TO 18585+67 - PLAN AND ELEVATION
99	ST-J1204	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18564+23 TO 18585+67 - PLAN AND ELEVATION
100	ST-J1205	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18564+23 TO 18585+67 - PLAN AND ELEVATION
101	ST-J1206	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18718+57 TO 18747+94 - PLAN AND ELEVATION
102	ST-J1207	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18718+57 TO 18747+94 - PLAN AND ELEVATION
103	ST-J1208	CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18718+57 TO 18747+94 - PLAN AND ELEVATION
104	ST-K1101	CCNM DESIGN OPTION - ROADWAY STRUCTURES - SR 58 EB OVERHEAD - PLAN AND ELEVATION
105	ST-K1102	CCNM DESIGN OPTION - ROADWAY STRUCTURES - SR 58 EB OVERHEAD - PLAN AND ELEVATION
106	ST-K1103	CCNM DESIGN OPTION - ROADWAY STRUCTURES - SR 58 EB OVERHEAD - TYPICAL SECTION
107	ST-K1104	CCNM DESIGN OPTION - ROADWAY STRUCTURES - SR 58 WB OVERHEAD - PLAN AND ELEVATION
108	ST-K1105	CCNM DESIGN OPTION - ROADWAY STRUCTURES - SR 58 WB OVERHEAD - PLAN AND ELEVATION
109	ST-K1106	CCNM DESIGN OPTION - ROADWAY STRUCTURES - SR 58 WB OVERHEAD - TYPICAL SECTION

CCNM TRACTION POWER

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
110	TP-B0101	CCNM DESIGN OPTION - TRACTION POWER GENERAL - LEGEND - SHEET 1 OF 1
111	TP-B0102	CCNM DESIGN OPTION - TRACTION POWER GENERAL - KEY MAP - SHEET 1 OF 1
112	TP-B3101	CCNM DESIGN OPTION - TRACTION POWER GENERAL - TYPICAL SECTIONS - SHEET 1 OF 2
113	TP-B3102	CCNM DESIGN OPTION - TRACTION POWER GENERAL - TYPICAL SECTIONS - SHEET 2 OF 2
114	TP-D0101	CCNM DESIGN OPTION - TRACTION POWER FACILITY LAYOUT
115	TP-E4101	CCNM DESIGN OPTION - TYPICAL LAYOUT - PARALLELING STATION WITH 2 AUTOTRANSFORMERS
116	TP-O4301	CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 3
117	TP-O4302	CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 4

CCNM AUTOMATIC TRAIN CONTROL

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
118	TC-B0101	CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL GENERAL - ABBREVIATIONS AND LEGEND - SHEET 1 OF 1
119	TC-B0102	CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL GENERAL - KEY MAP - SHEET 1 OF 1
120	TC-D0101	CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL LAYOUT
121	TC-F4101	CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 18750+69

CCNM TUNNEL

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
122	TN-B0101	CCNM DESIGN OPTION - TUNNEL LEGEND
123	TN-B0102	CCNM DESIGN OPTION - KEY MAP - ALIGNMENT TUNNELS
124	TN-C1001	CCNM DESIGN OPTION - TUNNEL PROFILE - TUNNEL 5 AND 6
125	TN-C4301	CCNM DESIGN OPTION - TUNNEL 5 - NORTH AND SOUTH PORTALS - STA 18505+00 TO STA 18566+00
126	TN-C4302	CCNM DESIGN OPTION - TUNNEL 6 - NORTH PORTAL - STA 18566+00 TO STA 18630+00
127	TN-C4303	CCNM DESIGN OPTION - TUNNEL 6 - SOUTH PORTAL - STA 18630+00 TO STA 18690+00
128	TN-D3001	CCNM DESIGN OPTION - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL CLEARANCE DIAGRAM
129	TN-D3002	CCNM DESIGN OPTION - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL
130	TN-D3003	CCNM DESIGN OPTION - TUNNEL CUT AND COVER BOX - CLEARANCE DIAGRAM - TANGENT TRACK

**VOLUME 4
CCNM UTILITIES**

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
131	UT-B0001	CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - ABBREVIATIONS AND LEGEND
132	UT-B0002	CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - GENERAL NOTES AND UTILITY OWNERS
133	UT-B0003	CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - KEY MAP - SHEET 1 OF 1
134	UT-C4601	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18458+80 TO 18485+00 - PLAN
135	UT-C4602	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18485+00 TO 18510+00 - PLAN
136	UT-C4603	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18510+00 TO 18535+00 - PLAN
137	UT-C4604	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18535+00 TO 18560+00 - PLAN
138	UT-C4605	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18560+00 TO 18585+00 - PLAN
139	UT-C4606	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18585+00 TO 18610+00 - PLAN
140	UT-C4607	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18610+00 TO 18635+00 - PLAN
141	UT-C4608	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18635+00 TO 18660+00 - PLAN
142	UT-C4609	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18660+00 TO 18685+00 - PLAN
143	UT-C4610	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18685+00 TO 18710+00 - PLAN
144	UT-C4611	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18710+00 TO 18735+00 - PLAN
145	UT-C4612	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18735+00 TO 18760+00 - PLAN
146	UT-C4613	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18760+00 TO 18785+00 - PLAN
147	UT-C4614	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18785+00 TO 18810+00 - PLAN
148	UT-C4615	CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18810+00 TO 18822+99 - PLAN

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

CCNM DESIGN OPTION
GENERAL
INDEX OF DRAWINGS
SHEET 27 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0027
SCALE
NONE
SHEET NO.
28

REFINED CCNM GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		REFINED CCNM DESIGN OPTION - COVER SHEET
2	GE-B0102	REFINED CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWING - SHEET 1 OF 3
3	GE-B0103	REFINED CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWING - SHEET 2 OF 3
4	GE-B0104	REFINED CCNM DESIGN OPTION - GENERAL - INDEX OF DRAWING - SHEET 3 OF 3
5	GE-B0105	REFINED CCNM DESIGN OPTION - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
6	GE-B0106	REFINED CCNM DESIGN OPTION - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
7	GE-B0107	REFINED CCNM DESIGN OPTION - GENERAL - ABBREVIATIONS - SHEET 3 OF 3

REFINED CCNM ALIGNMENT

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
8	TT-B0201	REFINED CCNM DESIGN OPTION - TRACK GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES
9	TT-B0202	REFINED CCNM DESIGN OPTION - TRACK GENERAL - HORIZONTAL ALIGNMENT DATA TABLE
10	TT-B3201	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 1 OF 10
11	TT-B3202	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 2 OF 10
12	TT-B3203	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 3 OF 10
13	TT-B3204	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 4 OF 10
14	TT-B3205	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 5 OF 10
15	TT-B3206	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 6 OF 10
16	TT-B3207	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 7 OF 10
17	TT-B3208	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 8 OF 10
18	TT-B3209	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 9 OF 10
19	TT-B3210	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 10 OF 10
20	TT-C6201	REFINED CCNM DESIGN OPTION - TRACK GENERAL - KEY MAP
21	TT-D1401	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18275+00 TO 18325+00 - PLAN AND PROFILE
22	TT-D1402	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18325+00 TO 18375+00 - PLAN AND PROFILE
23	TT-D1403	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18375+00 TO 18425+00 - PLAN AND PROFILE
24	TT-D1404	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18425+00 TO 18475+00 - PLAN AND PROFILE
25	TT-D1405	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18475+00 TO 18525+00 - PLAN AND PROFILE
26	TT-D1406	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18525+00 TO 18575+00 - PLAN AND PROFILE
27	TT-D1407	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18575+00 TO 18625+00 - PLAN AND PROFILE
28	TT-D1408	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18625+00 TO 18675+00 - PLAN AND PROFILE
29	TT-D1409	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18675+00 TO 18725+00 - PLAN AND PROFILE
30	TT-D1410	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18725+00 TO 18775+00 - PLAN AND PROFILE
31	TT-D1411	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18775+00 TO 18825+00 - PLAN AND PROFILE
32	TT-D1412	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18825+00 TO 18875+00 - PLAN AND PROFILE
33	TT-D1413	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18875+00 TO 18925+00 - PLAN AND PROFILE
34	TT-D1414	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18925+00 TO 18975+00 - PLAN AND PROFILE
35	TT-D1415	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18975+00 TO 19025+00 - PLAN AND PROFILE
36	TT-D1416	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 19025+00 TO 19075+00 - PLAN AND PROFILE
37	TT-D1417	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 19075+00 TO 19115+00 - PLAN AND PROFILE

REFINED CCNM ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
38	CV-R0101	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES
39	CV-R0102	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - TYPICAL SECTIONS - SHEET 1 OF 2
40	CV-R0103	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - TYPICAL SECTIONS - SHEET 2 OF 2
41	CV-R0104	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - KEY MAP
42	CV-R1601	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18457" - HORIZONTAL ALIGNMENT DATA TABLE
43	CV-R1602	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18457" - PLAN AND PROFILE
44	CV-R1603A	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18472" - PLAN AND PROFILE
45	CV-R1603B	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18487" - PLAN AND PROFILE
46	CV-R1604	REFINED CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18492" - PLAN AND PROFILE
47	CV-R1605	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18507" - HORIZONTAL ALIGNMENT DATA TABLE
48	CV-R1606	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18507" - PLAN AND PROFILE - SHEET 1 OF 2
49	CV-R1607	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18507" - PLAN AND PROFILE - SHEET 2 OF 2

REFINED CCNM ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
50	CV-R1608	REFINED CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18567" - PLAN AND PROFILE
51	CV-R1609	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18601" - HORIZONTAL ALIGNMENT DATA TABLE
52	CV-R1610	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18601" - PLAN AND PROFILE - SHEET 1 OF 2
53	CV-R1611	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18601" - PLAN AND PROFILE - SHEET 2 OF 2
54	CV-R1612	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18580" - PLAN AND PROFILE
55	CV-R1613	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18580_PS" & "18594" - PLAN AND PROFILE
56	CV-R1614	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18607" - PLAN AND PROFILE
57	CV-R1615	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18739" - PLAN AND PROFILE
58	CV-R1616	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18745" - PLAN AND PROFILE
59	CV-R1617	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18920" - PLAN AND PROFILE - SHEET 1 OF 3
60	CV-R1618	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18920" - PLAN AND PROFILE - SHEET 2 OF 3
61	CV-R1619	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18920" - PLAN AND PROFILE - SHEET 3 OF 3
62	CV-R1620A	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19013" - PLAN AND PROFILE
63	CV-R1620B	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19063TP" - PLAN AND PROFILE
64	CV-R1620C	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19065" - PLAN AND PROFILE
65	CV-R1620D	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19090" - PLAN AND PROFILE
66	CV-R1621	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 1 OF 4
67	CV-R1622	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 2 OF 4
68	CV-R1623	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 3 OF 4
69	CV-R1624	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 4 OF 4
70	CV-R1625	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT OFF-RAMP - PLAN AND PROFILE
71	CV-R1626	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT ON-RAMP - PLAN AND PROFILE
72	CV-R1627	REFINED CCNM DESIGN OPTION - ROADWAY - CHALLENGER DRIVE AND DENNISON ROAD - PLAN AND PROFILE
73	CV-R1628	REFINED CCNM DESIGN OPTION - ROADWAY - BURNETT ROAD - PLAN AND PROFILE
74	CV-R1629	REFINED CCNM DESIGN OPTION - ROADWAY - BURNETT ROAD AND ARABIAN DRIVE - PLAN AND PROFILE

REFINED CCNM CONSTRUCTION SEQUENCING

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
75	CV-I0101	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - GENERAL - NOTES AND LEGEND
76	CV-I0102	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - GENERAL - KEY MAP
77	CV-I1201	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - SHEET 1 OF 2
78	CV-I1202	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - SHEET 2 OF 2

REFINED CCNM GRADING, DRAINAGE AND RETAINING WALLS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
79	CV-G0101	REFINED CCNM DESIGN OPTION - GRADING, DRAINAGE AND RETAINING WALLS - GENERAL - LEGEND & GEN. NOTES
80	CV-G0102	REFINED CCNM DESIGN OPTION - GRADING, DRAINAGE AND RETAINING WALLS - GENERAL - KEY MAP
81	CV-G1501	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18320+86
82	CV-G1502	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18328+16
83	CV-G1503	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18352+79
84	CV-G1504	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18426+41
85	CV-G1505	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18431+40
86	CV-G1506	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18433+21
87	CV-G1507	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18434+43
88	CV-G1508	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18436+44
89	CV-G1509	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18442+47
90	CV-G1510	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18444+31
91	CV-G1511	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18450+30
92	CV-G1512	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18460+50
93	CV-G1513	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18489+32
94	CV-G1514	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18505+37
95	CV-G1515	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18510+31
96	CV-G1516	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18516+71
97	CV-G1517	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18581+20
98	CV-G1518	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18585+71
99	CV-G1519	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18593+23
100	CV-G1520	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18607+79
101	CV-G1521	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18709+20

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
 DRAWN BY
B. MOZAFFARIAN
 CHECKED BY
K. BAKER
 IN CHARGE
G. CAMPBELL
 DATE
1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 GENERAL
 INDEX OF DRAWINGS
 SHEET 28 OF 49

CONTRACT NO.
HSR13-44
 DRAWING NO.
GE-B0028
 SCALE
NONE
 SHEET NO.
29

REFINED CCNM GRADING, DRAINAGE, AND RETAINING WALLS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
102	CV-G1522	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18730+51
103	CV-G1523	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18737+13
104	CV-G1524	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18740+09
105	CV-G1526	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18774+51
106	CV-G1527	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18789+73
107	CV-G1528	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18818+02
108	CV-G1529	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18890+45
109	CV-G1530	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18890+44
110	CV-G1531	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18901+81
111	CV-G1532	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18913+23
112	CV-G1533	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18925+73
113	CV-G1534	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18925+73
114	CV-G1535	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18933+32
115	CV-G1536	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19030+40
116	CV-G1537	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19070+72
117	CV-G4701	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18295+00 to 18320+00
118	CV-G4702	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18320+00 to 18345+00
119	CV-G4703	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18345+00 to 18370+00
120	CV-G4704	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18370+00 to 18395+00
121	CV-G4705	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18395+00 to 18420+00
122	CV-G4706	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18420+00 to 18445+00
123	CV-G4707	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18445+00 to 18470+00
124	CV-G4708	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18470+00 to 18495+00
125	CV-G4709	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18495+00 to 18520+00
126	CV-G4710	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18520+00 to 18545+00
127	CV-G4711	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18545+00 to 18570+00
128	CV-G4712	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18570+00 to 18595+00
129	CV-G4713	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18595+00 to 18620+00
130	CV-G4714	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18620+00 to 18645+00
131	CV-G4715	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18645+00 to 18670+00
132	CV-G4716	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18670+00 to 18695+00
133	CV-G4717	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18695+00 to 18720+00
134	CV-G4718	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18720+00 to 18745+00
135	CV-G4719	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18745+00 to 18770+00
136	CV-G4720	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18770+00 to 18795+00
137	CV-G4721	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18795+00 to 18820+00
138	CV-G4722	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18820+00 to 18845+00
139	CV-G4723	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18845+00 to 18870+00
140	CV-G4724	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18870+00 to 18895+00
141	CV-G4725	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18895+00 to 18920+00
142	CV-G4726	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18920+00 to 18945+00
143	CV-G4727	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18945+00 to 18970+00
144	CV-G4728	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18970+00 to 18995+00
145	CV-G4729	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18995+00 to 19020+00
146	CV-G4730	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19020+00 to 19045+00
147	CV-G4731	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19045+00 to 19070+00
148	CV-G4732	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19070+00 to 19095+00
149	CV-G4733	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19095+00 to 19120+00
150	CV-G4734	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18457"
151	CV-G4735	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18507"
152	CV-G4736	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18507"
153	CV-G4737	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18601"

REFINED CCNM GRADING, DRAINAGE AND RETAINING WALLS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
154	CV-G4738	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18601"
155	CV-G4739	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18601"
156	CV-G4740	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18705+00 TO 18730+00
157	CV-G4741	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18710+00 TO 18735+00
158	CV-G4742	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18735+00 TO 18755+00
159	CV-G4743	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18795+00 TO 18820+00
160	CV-G4744	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18820+00 TO 18845+00
161	CV-G4745	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18875+00 TO 18905+00
162	CV-G4746	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18905+00 TO 18930+00
163	CV-G4747	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18930+00 TO 18944+00
164	CV-G4748	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18920"
165	CV-G4749	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18920"
166	CV-G4750	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD "18920"
167	CV-G4751	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19015+00 TO 19025+00
168	ST-G1201	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18335 - PLAN AND PROFILE
169	ST-G1202	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18430 - PLAN AND PROFILE
170	ST-G1203	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18450 - PLAN AND PROFILE
171	ST-G1204	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18603 - PLAN AND PROFILE
172	ST-G1205	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18850 - PLAN AND PROFILE
173	ST-G1206	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18884 - PLAN AND PROFILE
174	ST-G1207	REFINED CCNM DESIGN OPTION - RETAINING WALL - 19087 AND 19088 - PLAN AND PROFILE

REFINED CCNM TRACK AND ROADWAY STRUCTURES

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
175	ST-B0101	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - GENERAL NOTES AND LEGEND
176	ST-B0102	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - KEY MAP
177	ST-B3101	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 1 OF 7
178	ST-B3102	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 2 OF 7
179	ST-B3103	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 3 OF 7
180	ST-B3104	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 4 OF 7
181	ST-B3105	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 5 OF 7
182	ST-B3106	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 6 OF 7
183	ST-B3107	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 7 OF 7
184	ST-J1301	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18465+50 to 18475+65 - PLAN AND ELEV
185	ST-J1302	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18465+50 to 18475+65 - PLAN AND ELEV
186	ST-J1303	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18491+62 to 18493+45 - PLAN AND ELEV
187	ST-J1304	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18597+24 to 18603+56 - PLAN AND ELEV
188	ST-J1305	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18744+33 to 18746+98 - PLAN AND ELEV
189	ST-J1306	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
190	ST-J1307	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
191	ST-J1308	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
192	ST-J1309	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
193	ST-J1310	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
194	ST-J1311	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
195	ST-J1311A	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 19076+14 to 19078+14 - PLAN AND ELEV
196	ST-J1311B	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 19075+84 to 19077+84 - PLAN AND ELEV
197	ST-J1312	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - SOUTH VIADUCT STATION 19097+53 to 19097+39.69 ALT 1,2,3,5 - PLAN AND ELEVATION
198	ST-J1313	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - NORTH VIADUCT STATION 19099+22 to 19097+68.69 ALT 1,2,3,5 - PLAN AND ELEVATION

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
J. MEREDITH
DRAWN BY
B. MOZAFFARIAN
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IN CHARGE
G. CAMPBELL
DATE
1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
REFINED CCNM DESIGN OPTION
GENERAL
INDEX OF DRAWINGS
SHEET 29 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0029
SCALE
NONE
SHEET NO.
30

REFINED CCNM TRACTION POWER

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
199	TP-B0201	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - LEGEND
200	TP-B0202	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - KEY MAP
201	TP-B3201	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - TYPICAL SECTIONS - SHEET 1 OF 2
202	TP-B3202	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - TYPICAL SECTIONS - SHEET 2 OF 2
203	TP-D0201	REFINED CCNM DESIGN OPTION - TRACTION POWER FACILITY LAYOUT
204	TP-E4201	REFINED CCNM DESIGN OPTION - TYPICAL LAYOUT - TRACTION POWER SUBSTATION WITH 2 HIGH VOLTAGE TRANSFORMERS
205	TP-E4202	REFINED CCNM DESIGN OPTION - TYPICAL LAYOUT - PARALLELING STATION WITH 2 AUTOTRANSFORMERS
206	TP-O4401	REFINED CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 3
207	TP-O4402	REFINED CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 4
208	TP-O4403	REFINED CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED TPSS #15

REFINED CCNM AUTOMATIC TRAIN CONTROL

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
209	TC-B0201	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL GENERAL - ABBREVIATIONS AND LEGEND
210	TC-B0202	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL GENERAL - KEY MAP
211	TC-B0203	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL LAYOUT
212	TC-F4201	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 18749+68

REFINED CCNM TUNNEL

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
213	TN-B0201	REFINED CCNM DESIGN OPTION - TUNNEL LEGEND
214	TN-B0202	REFINED CCNM DESIGN OPTION - KEY MAP - ALIGNMENT TUNNELS
215	TN-C1101	REFINED CCNM DESIGN OPTION - TUNNEL PROFILE - TUNNEL 4 - STA 18325+00 TO STA 18425+00
216	TN-C1102	REFINED CCNM DESIGN OPTION - TUNNEL PROFILE - TUNNEL 5 - STA 18520+00 TO STA 18570+00
217	TN-C1103	REFINED CCNM DESIGN OPTION - TUNNEL PROFILE - TUNNEL 6 - STA 18575+00 TO STA 18625+00
218	TN-C1104	REFINED CCNM DESIGN OPTION - TUNNEL PROFILE - TUNNEL 6 - STA 18625+00 TO STA 18675+00
219	TN-C1105	REFINED CCNM DESIGN OPTION - TUNNEL PROFILE - TUNNEL 6 - STA 18675+00 TO STA 18725+00
220	TN-C1106	REFINED CCNM DESIGN OPTION - TUNNEL PROFILE - TUNNEL 7 - STA 18925+00 TO STA 19025+00
221	TN-C4401	REFINED CCNM DESIGN OPTION - TUNNEL 4 - STA 18325+00 TO STA 18375+00
222	TN-C4402	REFINED CCNM DESIGN OPTION - TUNNEL 4 - STA 18375+00 TO STA 18425+00
223	TN-C4403	REFINED CCNM DESIGN OPTION - TUNNEL 4 - STA 18425+00 TO STA 18475+00
224	TN-C4404	REFINED CCNM DESIGN OPTION - TUNNEL 5 - STA 18475+00 TO STA 18525+00
225	TN-C4405	REFINED CCNM DESIGN OPTION - TUNNEL 5 - STA 18525+00 TO STA 18575+00
226	TN-C4406	REFINED CCNM DESIGN OPTION - TUNNEL 6 - STA 18575+00 TO STA 18625+00
227	TN-C4407	REFINED CCNM DESIGN OPTION - TUNNEL 6 - STA 18625+00 TO STA 18675+00
228	TN-C4408	REFINED CCNM DESIGN OPTION - TUNNEL 6 - STA 18675+00 TO STA 18725+00
229	TN-C4409	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 18875+00 TO STA 18925+00
230	TN-C4410	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 18925+00 TO STA 18975+00
231	TN-C4411	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 18975+00 TO STA 19025+00
232	TN-C4412	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 19025+00 TO STA 19075+00
233	TN-D3101	REFINED CCNM DESIGN OPTION - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL - CLEARANCE DIAGRAM
234	TN-D3102	REFINED CCNM DESIGN OPTION - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL - INITIAL SUPPORT
235	TN-D3103	REFINED CCNM DESIGN OPTION - TUNNEL CUT AND COVER BOX - CLEARANCE DIAGRAM - TANGENT TRACK
236	TN-D3104	REFINED CCNM DESIGN OPTION - TUNNEL CUT AND COVER BOX - CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
237	TN-D3105	REFINED CCNM DESIGN OPTION - TWIN TUNNEL DRILL AND BLAST METHOD - CLEARANCE DIAGRAM - TANGENT TRACK
238	TN-D3106	REFINED CCNM DESIGN OPTION - TWIN TUNNEL DRILL AND BLAST METHOD - CLEARANCE DIAGRAM - SUPER ELEV TRACK
239	TN-D3107	REFINED CCNM DESIGN OPTION - TWIN TUNNEL DRILL AND BLAST METHOD - INITIAL SUPPORT
240	TN-D3108	REFINED CCNM DESIGN OPTION - TUNNEL TWIN TBM BORED TUNNELS - CLEARANCE DIAGRAM - TANGENT TRACK
241	TN-D3109	REFINED CCNM DESIGN OPTION - TUNNEL TWIN TBM BORED TUNNELS - CLEARANCE DIAGRAM - SUPER ELEV TRACK
242	TN-D3110	REFINED CCNM DESIGN OPTION - TUNNEL TWIN TBM BORED TUNNELS - INNITIAL SUPPORT

REFINED CCNM UTILITIES

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
243	UT-B0101	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - ABBREVIATIONS AND LEGEND
244	UT-B0102	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - GENERAL NOTES AND UTILITY OWNERS
245	UT-B0103	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - UTILITY CROSSING DETAIL
246	UT-B0104	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - KEY MAP
247	UT-C4701	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18307+67 TO 18320+00 - PLAN
248	UT-C4702	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18320+00 TO 18345+00 - PLAN
249	UT-C4703	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18345+00 TO 18370+00 - PLAN
250	UT-C4704	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18370+00 TO 18395+00 - PLAN
251	UT-C4705	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18395+00 TO 18420+00 - PLAN
252	UT-C4706	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18420+00 TO 18445+00 - PLAN
253	UT-C4707	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18445+00 TO 18470+00 - PLAN
254	UT-C4708	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18470+00 TO 18495+00 - PLAN
255	UT-C4709	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18495+00 TO 18520+00 - PLAN
256	UT-C4710	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18520+00 TO 18545+00 - PLAN
257	UT-C4711	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18545+00 TO 18570+00 - PLAN
258	UT-C4712	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18570+00 TO 18595+00 - PLAN
259	UT-C4713	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18595+00 TO 18620+00 - PLAN
260	UT-C4714	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18620+00 TO 18645+00 - PLAN
261	UT-C4715	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18645+00 TO 18670+00 - PLAN
262	UT-C4716	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18670+00 TO 18695+00 - PLAN
263	UT-C4717	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18695+00 TO 18720+00 - PLAN
264	UT-C4718	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18720+00 TO 18745+00 - PLAN
265	UT-C4719	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18745+00 TO 18770+00 - PLAN
266	UT-C4720	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18770+00 TO 18795+00 - PLAN
267	UT-C4721	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18795+00 TO 18820+00 - PLAN
268	UT-C4722	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18820+00 TO 18845+00 - PLAN
269	UT-C4723	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18845+00 TO 18870+00 - PLAN
270	UT-C4724	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18870+00 TO 18895+00 - PLAN
271	UT-C4725	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18895+00 TO 18920+00 - PLAN
272	UT-C4726	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18920+00 TO 18945+00 - PLAN
273	UT-C4727	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18945+00 TO 18970+00 - PLAN
274	UT-C4728	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18970+00 TO 18995+00 - PLAN
275	UT-C4729	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18995+00 TO 19020+00 - PLAN
276	UT-C4730	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19020+00 TO 19045+00 - PLAN
277	UT-C4731	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19045+00 TO 19070+00 - PLAN
278	UT-C4732	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19070+00 TO 19095+00 - PLAN
279	UT-C4733	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19095+00 TO 19104+40 - PLAN

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 andrew.carson@tylin.com 4/7/2021

REV	DATE	BY	CHK	APP	DESCRIPTION

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1/29/2021

RECORD SET
PEPD SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 REFINED CCNM DESIGN OPTION
 GENERAL
 INDEX OF DRAWINGS
 SHEET 30 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0030
 SCALE
 NONE
 SHEET NO.
 31

GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1		COVER SHEET
2	GE-B0002	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 1 OF 13
3	GE-B0003	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 2 OF 13
4	GE-B0004	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 3 OF 13
5	GE-B0005	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 4 OF 13
6	GE-B0006	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 5 OF 13
7	GE-B0007	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 6 OF 13
8	GE-B0008	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 7 OF 13
9	GE-B0009	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 8 OF 13
10	GE-B0010	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 9 OF 13
11	GE-B0011	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 10 OF 13
12	GE-B0012	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 11 OF 13
13	GE-B0013	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 12 OF 13
14	GE-B0014	PREFERRED ALTERNATIVE - GENERAL - INDEX OF DRAWINGS - SHEET 13 OF 13

ALIGNMENT GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
42	TT-B3018	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 18 OF 18
43	TT-B3201	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 1 OF 10
44	TT-B3202	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 2 OF 10
45	TT-B3203	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 3 OF 10
46	TT-B3204	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 4 OF 10
47	TT-B3205	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 5 OF 10
48	TT-B3206	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 6 OF 10
49	TT-B3207	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 7 OF 10
50	TT-B3208	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 8 OF 10
51	TT-B3209	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 9 OF 10
52	TT-B3210	REFINED CCNM DESIGN OPTION - TRACK GENERAL - TYPICAL SECTIONS - SHEET 10 OF 10
53	TT-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
54	TT-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
55	TT-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
56	TT-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
57	TT-C6201	REFINED CCNM DESIGN OPTION - TRACK GENERAL - KEY MAP

ALIGNMENT PLAN AND PROFILE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
58	TT-D1101	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17285+00 TO 17310+00 - PLAN AND PROFILE
59	TT-D1102	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17310+00 TO 17335+00 - PLAN AND PROFILE
60	TT-D1103	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17335+00 TO 17360+00 - PLAN AND PROFILE
61	TT-D1104	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17360+00 TO 17385+00 - PLAN AND PROFILE
62	TT-D1105	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17385+00 TO 17410+00 - PLAN AND PROFILE
63	TT-D1106	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17410+00 TO 17435+00 - PLAN AND PROFILE
64	TT-D1107	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17435+00 TO 17460+00 - PLAN AND PROFILE
65	TT-D1108	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17460+00 TO 17485+00 - PLAN AND PROFILE
66	TT-D1109	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17485+00 TO 17510+00 - PLAN AND PROFILE
67	TT-D1110	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17510+00 TO 17535+00 - PLAN AND PROFILE
68	TT-D1111	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17535+00 TO 17585+00 - PLAN AND PROFILE
69	TT-D1112	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17585+00 TO 17635+00 - PLAN AND PROFILE
70	TT-D1113	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17635+00 TO 17685+00 - PLAN AND PROFILE
71	TT-D1114	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17685+00 TO 17735+00 - PLAN AND PROFILE
72	TT-D1115	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17735+00 TO 17785+00 - PLAN AND PROFILE
73	TT-D1116	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17785+00 TO 17835+00 - PLAN AND PROFILE
74	TT-D1117	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17835+00 TO 17885+00 - PLAN AND PROFILE
75	TT-D1118	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17885+00 TO 17908+22.06 - PLAN AND PROFILE
76	TT-D1018	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 17885+00 TO 17935+00 - PLAN AND PROFILE
77	TT-D1019	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 17935+00 TO 17985+00 - PLAN AND PROFILE
78	TT-D1020	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 17985+00 TO 18035+00 - PLAN AND PROFILE
79	TT-D1021	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18035+00 TO 18085+00 - PLAN AND PROFILE
80	TT-D1022	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18085+00 TO 18135+00 - PLAN AND PROFILE
81	TT-D1023	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18135+00 TO 18185+00 - PLAN AND PROFILE
82	TT-D1024	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18185+00 TO 18235+00 - PLAN AND PROFILE
83	TT-D1025	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18235+00 TO 18285+00 - PLAN AND PROFILE
84	TT-D1026	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 18285+00 TO 18335+00 - PLAN AND PROFILE
85	TT-D1401	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18275+00 TO 18325+00 - PLAN AND PROFILE
86	TT-D1402	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18325+00 TO 18375+00 - PLAN AND PROFILE
87	TT-D1403	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18375+00 TO 18425+00 - PLAN AND PROFILE
88	TT-D1404	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18425+00 TO 18475+00 - PLAN AND PROFILE
89	TT-D1405	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18475+00 TO 18525+00 - PLAN AND PROFILE
90	TT-D1406	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18525+00 TO 18575+00 - PLAN AND PROFILE
91	TT-D1407	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18575+00 TO 18625+00 - PLAN AND PROFILE
92	TT-D1408	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18625+00 TO 18675+00 - PLAN AND PROFILE
93	TT-D1409	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18675+00 TO 18725+00 - PLAN AND PROFILE
94	TT-D1410	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18725+00 TO 18775+00 - PLAN AND PROFILE
95	TT-D1411	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18775+00 TO 18825+00 - PLAN AND PROFILE
96	TT-D1412	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18825+00 TO 18875+00 - PLAN AND PROFILE

ALIGNMENT GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
15	TT-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
16	TT-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
17	TT-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 3
18	TT-B0007	ALTERNATIVE 1,2,3,5 - GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
19	TT-B0201	REFINED CCNM DESIGN OPTION - TRACK GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES
20	TT-B0008	ALTERNATIVE 1 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 1 OF 8
21	TT-B0009	ALTERNATIVE 1 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 2 OF 8
22	TT-B0010	ALTERNATIVE 2 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 3 OF 8
23	TT-B0011	ALTERNATIVE 2 - GENERAL - HORIZONTAL ALIGNMENT DATA TABLE - SHEET 4 OF 8
24	TT-B0202	REFINED CCNM DESIGN OPTION - TRACK GENERAL - HORIZONTAL ALIGNMENT DATA TABLE
25	TT-B3001	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 1 OF 18
26	TT-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 2 OF 18
27	TT-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 3 OF 18
28	TT-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 4 OF 18
29	TT-B3005	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 5 OF 18
30	TT-B3006	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 6 OF 18
31	TT-B3007	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 7 OF 18
32	TT-B3008	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 8 OF 18
33	TT-B3009	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 9 OF 18
34	TT-B3010	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 10 OF 18
35	TT-B3011	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 11 OF 18
36	TT-B3012	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 12 OF 18
37	TT-B3013	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 13 OF 18
38	TT-B3014	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 14 OF 18
39	TT-B3015	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 15 OF 18
40	TT-B3016	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 16 OF 18
41	TT-B3017	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 17 OF 18

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3/9/2021

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DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 31 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0031
SCALE
AS SHOWN
SHEET NO.
32

ALIGNMENT PLAN AND PROFILE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
97	TT-D1413	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18875+00 TO 18925+00 - PLAN AND PROFILE
98	TT-D1414	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18925+00 TO 18975+00 - PLAN AND PROFILE
99	TT-D1415	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 18975+00 TO 19025+00 - PLAN AND PROFILE
100	TT-D1416	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 19025+00 TO 19075+00 - PLAN AND PROFILE
101	TT-D1417	REFINED CCNM DESIGN OPTION - TRACK GUIDEWAY - STA 19075+00 TO 19115+00 - PLAN AND PROFILE
102	TT-D1042	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19085+00 TO 19110+00 - PLAN AND PROFILE
103	TT-D1043	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19110+00 TO 19135+00 - PLAN AND PROFILE
104	TT-D1044	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19135+00 TO 19160+00 - PLAN AND PROFILE
105	TT-D1045	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19160+00 TO 19185+00 - PLAN AND PROFILE
106	TT-D1046	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19185+00 TO 19210+00 - PLAN AND PROFILE
107	TT-D1047	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19210+00 TO 19235+00 - PLAN AND PROFILE
108	TT-D1048	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 19235+00 TO 19285+00 - PLAN AND PROFILE
109	TT-D1049	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19285+00 TO 19335+00 - PLAN AND PROFILE
110	TT-D1050	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19335+00 TO 19385+00 - PLAN AND PROFILE
111	TT-D1051	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19385+00 TO 19435+00 - PLAN AND PROFILE
112	TT-D1052	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19435+00 TO 19485+00 - PLAN AND PROFILE
113	TT-D1053	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19485+00 TO 19535+00 - PLAN AND PROFILE
114	TT-D1054	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19535+00 TO 19585+00 - PLAN AND PROFILE
115	TT-D1055	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19585+00 TO 19635+00 - PLAN AND PROFILE
116	TT-D1056	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19635+00 TO 19685+00 - PLAN AND PROFILE
117	TT-D1057	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19685+00 TO 19735+00 - PLAN AND PROFILE
118	TT-D1058	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19735+00 TO 19785+00 - PLAN AND PROFILE
119	TT-D1059	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19785+00 TO 19835+00 - PLAN AND PROFILE
120	TT-D1060	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19835+00 TO 19885+00 - PLAN AND PROFILE
121	TT-D1061	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19885+00 TO 19935+00 - PLAN AND PROFILE
122	TT-D1062	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19935+00 TO 19985+00 - PLAN AND PROFILE
123	TT-D1063	ALTERNATIVE 1,2,5 - TRACK GUIDEWAY - STA 19985+00 TO 20035+00 - PLAN AND PROFILE
124	TT-D1064	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20035+00 TO 20085+00 - PLAN AND PROFILE
125	TT-D1065	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20085+00 TO 20135+00 - PLAN AND PROFILE
126	TT-D1066	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20135+00 TO 20185+00 - PLAN AND PROFILE
127	TT-D1067	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20185+00 TO 20235+00 - PLAN AND PROFILE
128	TT-D1068	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20235+00 TO 20285+00 - PLAN AND PROFILE
129	TT-D1069	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20285+00 TO 20335+00 - PLAN AND PROFILE
130	TT-D1070	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20335+00 TO 20385+00 - PLAN AND PROFILE
131	TT-D1071	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20385+00 TO 20435+00 - PLAN AND PROFILE
132	TT-D1072	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20435+00 TO 20485+00 - PLAN AND PROFILE
133	TT-D1073	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20485+00 TO 20535+00 - PLAN AND PROFILE
134	TT-D1074	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20535+00 TO 20585+00 - PLAN AND PROFILE
135	TT-D1075	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20585+00 TO 20635+00 - PLAN AND PROFILE
136	TT-D1076	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20635+00 TO 20685+00 - PLAN AND PROFILE
137	TT-D1077	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20685+00 TO 20735+00 - PLAN AND PROFILE
138	TT-D1078	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20735+00 TO 20785+00 - PLAN AND PROFILE
139	TT-D1079	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20785+00 TO 20835+00 - PLAN AND PROFILE
140	TT-D1080	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20835+00 TO 20860+00 - PLAN AND PROFILE
141	TT-D1081	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20860+00 TO 20885+00 - PLAN AND PROFILE
142	TT-D1082	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20885+00 TO 20910+00 - PLAN AND PROFILE
143	TT-D1083	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20910+00 TO 20935+00 - PLAN AND PROFILE
144	TT-D1084	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20935+00 TO 20960+00 - PLAN AND PROFILE
145	TT-D1085	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20960+00 TO 20985+00 - PLAN AND PROFILE
146	TT-D1086	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20985+00 TO 21010+00 - PLAN AND PROFILE
147	TT-D1087	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21010+00 TO 21035+00 - PLAN AND PROFILE
148	TT-D1088	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21035+00 TO 21060+00 - PLAN AND PROFILE
149	TT-D1089	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21060+00 TO 21085+00 - PLAN AND PROFILE
150	TT-D1090	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21085+00 TO 21110+00 - PLAN AND PROFILE
151	TT-D1091	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21110+00 TO 21135+00 - PLAN AND PROFILE
152	TT-D1092	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21135+00 TO 21185+00 - PLAN AND PROFILE
153	TT-D1093	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21185+00 TO 21235+00 - PLAN AND PROFILE
154	TT-D1230	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 10+00 TO 35+00 - PLAN AND PROFILE
155	TT-D1231	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 35+00 TO 60+00 - PLAN AND PROFILE
156	TT-D1232	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 60+00 TO 85+00 - PLAN AND PROFILE

ALIGNMENT PLAN AND PROFILE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
157	TT-D1233	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 85+00 TO 110+00 - PLAN AND PROFILE
158	TT-D1234	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 110+00 TO 135+00 - PLAN AND PROFILE
159	TT-D1235	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 135+00 TO 160+00 - PLAN AND PROFILE
160	TT-D1236	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 160+00 TO 185+00 - PLAN AND PROFILE
161	TT-D1237	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 185+00 TO 210+00 - PLAN AND PROFILE
162	TT-D1238	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 210+00 TO 235+00 - PLAN AND PROFILE
163	TT-D1239	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 235+00 TO 243+78.47 - PLAN AND PROFILE
164	TT-D1249	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STORAGE TRACKS - PLAN
165	TT-D1250	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 10+00 TO 35+00 - PLAN AND PROFILE
166	TT-D1251	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 35+00 TO 60+00 - PLAN AND PROFILE
167	TT-D1252	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 60+00 TO 85+00 - PLAN AND PROFILE
168	TT-D1253	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 85+00 TO 110+00 - PLAN AND PROFILE
169	TT-D1254	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 110+00 TO 120+32.63 - PLAN AND PROFILE

ROADWAY GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
170	CV-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
171	CV-B0007	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
172	CV-B0008	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 3
173	CV-B0009	ALTERNATIVE 1,2,3,5 - GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
174	CV-R0101	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES
175	CV-B3001	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
176	CV-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
177	CV-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
178	CV-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
179	CV-B3005	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
180	CV-B3011	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
181	CV-B3051	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
182	CV-B3053	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
183	CV-B3054	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
184	CV-B3055	ALTERNATIVE 1,2,5 - GENERAL - TYPICAL SECTIONS
185	CV-B3056	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
186	CV-B3100	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
187	CV-B3101	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
188	CV-B3102	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
189	CV-B3107	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
190	CV-B3108	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
191	CV-B3109	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
192	CV-B3110	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
193	CV-B3111	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
194	CV-B3113	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
195	CV-B3114	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
196	CV-B3115	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
197	CV-B3116	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
198	CV-B3117	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
199	CV-B3118	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
200	CV-B3119	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
201	CV-B3120	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
202	CV-B3121	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
203	CV-B3122	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
204	CV-B3123	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
205	CV-B3124	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
206	CV-B3125	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
207	CV-B3126	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
208	CV-B3151	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
209	CV-R0102	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - TYPICAL SECTIONS - SHEET 1 OF 2
210	CV-R0103	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - TYPICAL SECTIONS - SHEET 2 OF 2
211	CV-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
212	CV-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
213	CV-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
214	CV-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
215	CV-R0104	REFINED CCNM DESIGN OPTION - ROADWAY GENERAL - KEY MAP

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
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 CHECKED BY
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 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 PREFERRED ALTERNATIVE
 GENERAL
 INDEX OF DRAWINGS
 SHEET 32 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0032
 SCALE
 AS SHOWN
 SHEET NO.
 33

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
216	CV-R1000	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
217	CV-R1001	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
218	CV-R1002	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
219	CV-R1003	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
220	CV-R1004	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
221	CV-R1005	ALTERNATIVE 1,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
222	CV-R1006	ALTERNATIVE 1,2,3,5 - ROADWAY - MORNING DRIVE - PLAN
223	CV-R1007	ALTERNATIVE 1,2,3,5 - ROADWAY - MORNING DRIVE - PROFILE
224	CV-R1009	ALTERNATIVE 1,3,5 - ROADWAY - BRUNDAGE LANE - PLAN AND PROFILE
225	CV-R1010	ALTERNATIVE 1,3,5 - ROADWAY - VINELAND ROAD - PLAN AND PROFILE
226	CV-R1150	ALTERNATIVE 2 - ROADWAY - TOWERLINE ROAD RAMPS - PLAN AND PROFILE
227	CV-R1068	ALTERNATIVE 1,2,3,5 - ROADWAY - GENERAL BEALE ROAD - PLAN AND PROFILE
228	CV-R1068A	ALTERNATIVE 1,2,3,5 - ROADWAY - GENERAL BEALE ROAD - PLAN AND PROFILE
229	CV-R1069	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18125+00 - PLAN AND PROFILE
230	CV-R1070	ALTERNATIVE 1,2,3,5 - ROADWAY - CALIENTE BODFISH ROAD - PLAN AND PROFILE
231	CV-R1070A	ALTERNATIVE 1,2,3,5 - ROADWAY - CALIENTE BODFISH ROAD - PLAN AND PROFILE
232	CV-R1071	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18206+00 - PLAN AND PROFILE
233	CV-R1071A	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18242+00 - PLAN AND PROFILE
234	CV-R1072	ALTERNATIVE 1,2,3,5 - ROADWAY - BEALVILLE ROAD - PLAN
235	CV-R1072A	ALTERNATIVE 1,2,3,5 - ROADWAY - BEALVILLE ROAD - PROFILE
236	CV-R1072B	ALTERNATIVE 1,2,3,5 - ROADWAY - BEALVILLE ROAD - PROFILE
237	CV-R1621	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 1 OF 4
238	CV-R1622	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 2 OF 4
239	CV-R1623	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 3 OF 4
240	CV-R1624	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT - PLAN AND PROFILE - SHEET 4 OF 4
241	CV-R1625	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT OFF-RAMP - PLAN AND PROFILE
242	CV-R1626	REFINED CCNM DESIGN OPTION - ROADWAY - SR 58 REALIGNMENT ON-RAMP - PLAN AND PROFILE
243	CV-R1627	REFINED CCNM DESIGN OPTION - ROADWAY - CHALLENGER DRIVE AND DENNISON ROAD - PLAN AND PROFILE
244	CV-R1628	REFINED CCNM DESIGN OPTION - ROADWAY - BURNETT ROAD - PLAN AND PROFILE
245	CV-R1629	REFINED CCNM DESIGN OPTION - ROADWAY - BURNETT ROAD AND ARABIAN DRIVE - PLAN AND PROFILE
246	CV-R1077	ALTERNATIVE 1,2,3,5 - ROADWAY - E VALLEY BLVD - PLAN AND PROFILE
247	CV-R1077A	ALTERNATIVE 1,2,3,5 - ROADWAY - HIGHLINE ROAD - PLAN AND PROFILE
248	CV-R1077B	ALTERNATIVE 1,2,3,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD AT HIGHLINE - PLAN AND PROFILE
249	CV-R1078	ALTERNATIVE 1,2,3,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN
250	CV-R1078A	ALTERNATIVE 1,2,3,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN
251	CV-R1079	ALTERNATIVE 1,2,3,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN
252	CV-R1079A	ALTERNATIVE 1,2,3,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PROFILE
253	CV-R1080	ALTERNATIVE 1,2,3,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PROFILE
254	CV-R1080A	ALTERNATIVE 1,2,3,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PROFILE
255	CV-R1081	ALTERNATIVE 1,2,5 - ROADWAY - OAK CREEK ROAD - PLAN AND PROFILE
256	CV-R1082	ALTERNATIVE 1,2,5 - ROADWAY - CAMERON CANYON ROAD - PLAN AND PROFILE
257	CV-R1085	ALTERNATIVE 1,2,5 - ROADWAY - ROBERT RANCH ROAD - PLAN AND PROFILE
258	CV-R1086	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PLAN
259	CV-R1086A	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PLAN
260	CV-R1086B	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PLAN
261	CV-R1086C	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
262	CV-R1087	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
263	CV-R1088	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
264	CV-R1090A	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PLAN
265	CV-R1090B	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PROFILE
266	CV-R1090C	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PROFILE
267	CV-R1090D	ALTERNATIVE 1,2,5 - ROADWAY - BACKUS ROAD - PLAN AND PROFILE
268	CV-R1090E	ALTERNATIVE 1,2,5 - ROADWAY - E BACKUS ROAD - PLAN AND PROFILE
269	CV-R1091A	ALTERNATIVE 1,2,3,5 - ROADWAY - 85TH STREET - PLAN AND PROFILE
270	CV-R1091B	ALTERNATIVE 1,2,3,5 - ROADWAY - 80TH STREET - PLAN AND PROFILE
271	CV-R1092	ALTERNATIVE 1,2,3,5 - ROADWAY - 50TH STREET - PLAN AND PROFILE
272	CV-R1093	ALTERNATIVE 1,2,3,5 - ROADWAY - GASKELL ROAD - PLAN AND PROFILE
273	CV-R1100	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G - PLAN AND PROFILE
274	CV-R1101	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G - PLAN AND PROFILE
275	CV-R1102	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G ACCESS - PLAN AND PROFILE
276	CV-R1104	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE H - PLAN AND PROFILE

ROADWAY

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
277	CV-R1108	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PLAN
278	CV-R1109	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PLAN
279	CV-R1110	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
280	CV-R1111	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
281	CV-R1111C	ALTERNATIVE 1,2,3 - ROADWAY - LANCASTER BLVD - PLAN AND PROFILE
282	CV-R1112	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PLAN
283	CV-R1113	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PROFILE
284	CV-R1113A	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PROFILE
285	CV-R1116	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE K - PLAN AND PROFILE
286	CV-R1117	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE K - PLAN AND PROFILE
287	CV-R1117A	ALTERNATIVE 1,2,3 - ROADWAY - DIVISION STREET - PLAN AND PROFILE
288	CV-R1122	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE L - PLAN AND PROFILE
289	CV-R1123	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE L - PLAN AND PROFILE
290	CV-R1124	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
291	CV-R1125	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
292	CV-R1125A	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
293	CV-R1126	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE N - PLAN AND PROFILE
294	CV-R1460	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17448 - PLAN AND PROFILE
295	CV-R1461	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17461 - PLAN AND PROFILE
296	CV-R1462	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17561 - PLAN AND PROFILE
297	CV-R1463	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17575 - PLAN AND PROFILE
298	CV-R1464	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17585 - PLAN AND PROFILE
299	CV-R1465	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17670 AND 17685 - PLAN AND PROFILE
300	CV-R1466	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17739 - PLAN AND PROFILE
301	CV-R1467	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD NEUM - PLAN AND PROFILE
302	CV-R1467A	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17787 AND 17791 - PLAN AND PROFILE
303	CV-R1468	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17788 - PLAN AND PROFILE
304	CV-R1469	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17788 - PLAN AND PROFILE
305	CV-R1223	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 17908 - PLAN AND PROFILE
306	CV-R1224	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18065 - PLAN AND PROFILE
307	CV-R1225	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18112 - PLAN AND PROFILE
308	CV-R1225A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18112TP - PLAN AND PROFILE
309	CV-R1226	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18153 - PLAN AND PROFILE
310	CV-R1226A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18162 - PLAN AND PROFILE
311	CV-R1227	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18230 - PLAN AND PROFILE
312	CV-R1228A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18298 - PLAN AND PROFILE
313	CV-R1601	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18457" - HORIZONTAL ALIGNMENT DATA TABLE
314	CV-R1602	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18457" - PLAN AND PROFILE
315	CV-R1603A	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18472" - PLAN AND PROFILE
316	CV-R1603B	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18487" - PLAN AND PROFILE
317	CV-R1604	REFINED CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18492" - PLAN AND PROFILE
318	CV-R1605	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18507" - HORIZONTAL ALIGNMENT DATA TABLE
319	CV-R1606	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18507" - PLAN AND PROFILE - SHEET 1 OF 2
320	CV-R1607	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18507" - PLAN AND PROFILE - SHEET 2 OF 2
321	CV-R1608	REFINED CCNM DESIGN OPTION - ROADWAY - DIRT ROAD "18567" - PLAN AND PROFILE
322	CV-R1609	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18601" - HORIZONTAL ALIGNMENT DATA TABLE
323	CV-R1610	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18601" - PLAN AND PROFILE - SHEET 1 OF 2
324	CV-R1611	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18601" - PLAN AND PROFILE - SHEET 2 OF 2
325	CV-R1612	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18580" - PLAN AND PROFILE
326	CV-R1613	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18580_PS" & "18594" - PLAN AND PROFILE
327	CV-R1614	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18607" - PLAN AND PROFILE
328	CV-R1615	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18739" - PLAN AND PROFILE
329	CV-R1616	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18745" - PLAN AND PROFILE
330	CV-R1617	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18920" - PLAN AND PROFILE - SHEET 1 OF 3
331	CV-R1618	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18920" - PLAN AND PROFILE - SHEET 2 OF 3
332	CV-R1619	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "18920" - PLAN AND PROFILE - SHEET 3 OF 3
333	CV-R1620A	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19013" - PLAN AND PROFILE
334	CV-R1620B	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19063" - PLAN AND PROFILE
335	CV-R1620C	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19065" - PLAN AND PROFILE
336	CV-R1620D	REFINED CCNM DESIGN OPTION - ROADWAY - ACCESS ROAD "19090" - PLAN AND PROFILE
337	CV-R1240	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19106 - PLAN AND PROFILE

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REV	DATE	BY	CHK	APP	DESCRIPTION

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 33 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0033
SCALE
AS SHOWN
SHEET NO.
34

ROADWAY

GRADING AND DRAINAGE GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
338	CV-R1241	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19144 - PLAN AND PROFILE
339	CV-R1242	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19165 - PLAN AND PROFILE
340	CV-R1244	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19248 - PLAN AND PROFILE
341	CV-R1244A	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 19232 AND 19248TP - PLAN AND PROFILE
342	CV-R1244B	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 19267 - PLAN AND PROFILE
343	CV-R1247A CV-R1247B	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19450 AND TP ACCESS ROAD 19450TP - PLAN AND PROFILE
344	CV-R1248	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19458 - PLAN AND PROFILE
345	CV-R1250	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19478 - PLAN AND PROFILE
346	CV-R1251	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19668 - PLAN AND PROFILE
347	CV-R1251A	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19676 - PLAN AND PROFILE
348	CV-R1252	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19695P - PLAN AND PROFILE
349	CV-R1253	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19755 - PLAN AND PROFILE
350	CV-R1254	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19799 - PLAN AND PROFILE
351	CV-R1255	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19845 - PLAN AND PROFILE
352	CV-R1256	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19874 - PLAN AND PROFILE
353	CV-R1258	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19886 - PLAN AND PROFILE
354	CV-R1259	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD HIGT - PLAN AND PROFILE
355	CV-R1260	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19945 - PLAN AND PROFILE
356	CV-R1261	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 20000 - PLAN AND PROFILE
357	CV-R1261A	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 20016 AND MCNL - PLAN AND PROFILE
358	CV-R1262	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20016TP - PLAN AND PROFILE
359	CV-R1262A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20052 - PLAN AND PROFILE
360	CV-R1263	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20052TP - PLAN AND PROFILE
361	CV-R1265	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD FAVR - PLAN AND PROFILE
362	CV-R1266	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20091 - PLAN AND PROFILE
363	CV-R1267	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20245 - PLAN AND PROFILE
364	CV-R1268	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20253 - PLAN AND PROFILE
365	CV-R1269	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20276 - PLAN AND PROFILE
366	CV-R1269A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20284 - PLAN AND PROFILE
367	CV-R1270	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20290TP - PLAN AND PROFILE
368	CV-R1272	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20317 - PLAN AND PROFILE
369	CV-R1273	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20432 - PLAN AND PROFILE
370	CV-R1274	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20441 - PLAN AND PROFILE
371	CV-R1274A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20471 - PLAN AND PROFILE
372	CV-R1275	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20500TP - PLAN AND PROFILE
373	CV-R1276	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20554 - PLAN AND PROFILE
374	CV-R1276A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20557 - PLAN AND PROFILE
375	CV-R1278	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20565TP - PLAN AND PROFILE
376	CV-R1279	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20617 - PLAN AND PROFILE
377	CV-R1280	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20626 - PLAN AND PROFILE
378	CV-R1281	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20678 - PLAN AND PROFILE
379	CV-R1282	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20690 - PLAN AND PROFILE
380	CV-R1283	ALTERNATIVE 1,2,3 - ROADWAY - ACCESS ROAD 21090 - PLAN AND PROFILE
381		ALTERNATIVE 1,2,3 - ROADWAY - ACCESS ROAD 21175 - PLAN AND PROFILE
382	CV-R1490	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
383	CV-R1491	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
384	CV-R1492	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
385	CV-R1500	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
386	CV-R1501	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
387	CV-R1502	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
388	CV-R1503	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
389	CV-R1504	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
390	CV-R1505	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
391	CV-R1506	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
392	CV-R1507	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
393	CV-R1508	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
394	CV-R1509	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
395	CV-R1551	ALTERNATIVE 1,2,5 - ROADWAY - ROADWAY CLOSURES - PLAN
396	CV-R1552	ALTERNATIVE 1,2,5 - ROADWAY - ROADWAY CLOSURES - PLAN
397	CV-R1554	ALTERNATIVE 1,2,3,5 - ROADWAY - ROADWAY CLOSURES - PLAN

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
398	CV-G0007	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
399	CV-G0008	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
400	CV-G0009	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
401	CV-G0010	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
402	CV-G0102	REFINED CCNM DESIGN OPTION - GRADING, DRAINAGE AND RETAINING WALLS - GENERAL - KEY MAP
403	CV-G0015	ALTERNATIVE 1,2,3,5 - GENERAL - LEGEND, ABBREVIATIONS, AND GENERAL NOTES
404	CV-G0101	REFINED CCNM DESIGN OPTION - GRADING, DRAINAGE AND RETAINING WALLS - GENERAL - LEGEND & GEN. NOTES

GRADING AND DRAINAGE PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
405	CV-G1101	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17430
406	CV-G1101A	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17458, 17463
407	CV-G1102	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17476, 17548
408	CV-G1103	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17571, 17648
409	CV-G1104	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17772, 17794
410	CV-G1105	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17829, 17833
411	CV-G1106	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17875
412	CV-G1107	ALTERNATIVE 2 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17903
413	CV-G1010A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17926
414	CV-G1011	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17940, 17957
415	CV-G1012	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17960, 17969
416	CV-G1013	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17985, 17991
417	CV-G1013A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 17993
418	CV-G1014	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18004, 18010
419	CV-G1015	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18020, 18028
420	CV-G1016	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18033
421	CV-G1016A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18067
422	CV-G1017	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18110, 18113
423	CV-G1018	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18116, 18149
424	CV-G1019	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18167, 18172
425	CV-G1020	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18189, 18223
426	CV-G1020A	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18227, 18231
427	CV-G1021	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18262, 18267
428	CV-G1501	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18320+86
429	CV-G1502	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18328+16
430	CV-G1503	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18352+79
431	CV-G1504	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18426+41
432	CV-G1505	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18431+40
433	CV-G1506	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18433+21
434	CV-G1507	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18434+43
435	CV-G1508	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18436+44
436	CV-G1509	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18442+47
437	CV-G1510	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18444+31
438	CV-G1511	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18450+30
439	CV-G1512	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18460+50
440	CV-G1513	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18489+32
441	CV-G1514	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18505+37
442	CV-G1515	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18510+31
443	CV-G1516	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18516+71
444	CV-G1517	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18581+20
445	CV-G1518	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18585+71
446	CV-G1519	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18593+23
447	CV-G1520	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18607+79
448	CV-G1521	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18709+20
449	CV-G1522	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18730+51
450	CV-G1523	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18737+13
451	CV-G1524	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18740+09
452	CV-G1526	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18774+51
453	CV-G1527	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18789+73

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 PREFERRED ALTERNATIVE
 GENERAL
 INDEX OF DRAWINGS
 SHEET 34 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0034
 SCALE
 AS SHOWN
 SHEET NO.
 35

GRADING AND DRAINAGE PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
454	CV-G1528	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18818+02
455	CV-G1529	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18890+45
456	CV-G1530	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18890+45
457	CV-G1531	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18901+81
458	CV-G1532	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18913+23
459	CV-G1533	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18925+73
460	CV-G1534	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18925+73
461	CV-G1535	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 18933+32
462	CV-G1536	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19030+40
463	CV-G1537	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19070+72
464	CV-G1042	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19168
465	CV-G1043	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19189
466	CV-G1044	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19211, 19240
467	CV-G1045	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19484
468	CV-G1046	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19615, 19644
469	CV-G1047	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19667, 19680
470	CV-G1048	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19692
471	CV-G1049	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19702, 19721
472	CV-G1050	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19732, 19745
473	CV-G1051	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19753, 19769
474	CV-G1052	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 19780, 19832
475	CV-G1053	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20004
476	CV-G1054	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20033
477	CV-G1055	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20039, 20052
478	CV-G1056	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20091, 20142
479	CV-G1058	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20294, 20306
480	CV-G1059	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20319, 20331
481	CV-G1060	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20338, 20345
482	CV-G1061	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20376
483	CV-G1062	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20382, 20388
484	CV-G1063	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20397, 20405
485	CV-G1064	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20410, 20415
486	CV-G1065	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20427
487	CV-G1066	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20442, 20451
488	CV-G1067	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20526
489	CV-G1068	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20549, 20555
490	CV-G1069	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20573, 20584
491	CV-G1070	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20599, 20602
492	CV-G1071	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20673, 20693
493	CV-G1072	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 20716, 20720
494	CV-G1073	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - OFFSITE CULVERT PROFILE - STA 21169

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
495	CV-G4301	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17285+00 TO 17310+00
496	CV-G4302	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17310+00 TO 17335+00
497	CV-G4303	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17335+00 TO 17360+00
498	CV-G4304	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17360+00 TO 17385+00
499	CV-G4305	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17385+00 TO 17410+00
500	CV-G4306	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17410+00 TO 17435+00
501	CV-G4307	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17435+00 TO 17460+00
502	CV-G4308	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17460+00 TO 17485+00
503	CV-G4309	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17485+00 TO 17510+00
504	CV-G4310	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17510+00 TO 17535+00
505	CV-G4311	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17535+00 TO 17560+00
506	CV-G4312	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17560+00 TO 17585+00
507	CV-G4313	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17585+00 TO 17610+00
508	CV-G4314	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17610+00 TO 17635+00
509	CV-G4315	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17635+00 TO 17660+00
510	CV-G4316	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17660+00 TO 17685+00

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
511	CV-G4317	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17685+00 TO 17710+00
512	CV-G4318	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17710+00 TO 17735+00
513	CV-G4319	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17735+00 TO 17760+00
514	CV-G4320	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17760+00 TO 17785+00
515	CV-G4321	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17785+00 TO 17810+00
516	CV-G4322	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17810+00 TO 17835+00
517	CV-G4323	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17835+00 TO 17860+00
518	CV-G4324	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17860+00 TO 17885+00
519	CV-G4325	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - STA 17885+00 TO 17910+00
520	CV-G4326	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 17397+00
521	CV-G4327	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 17397+00
522	CV-G4328	ALTERNATIVE 2 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17787+00
523	CV-G4026	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17910+00 TO 17935+00
524	CV-G4027	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17935+00 TO 17960+00
525	CV-G4028	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17960+00 TO 17985+00
526	CV-G4029	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 17985+00 TO 18010+00
527	CV-G4030	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18010+00 TO 18035+00
528	CV-G4031	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18035+00 TO 18060+00
529	CV-G4032	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18060+00 TO 18085+00
530	CV-G4033	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18085+00 TO 18110+00
531	CV-G4034	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18110+00 TO 18135+00
532	CV-G4035	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18135+00 TO 18160+00
533	CV-G4036	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18160+00 TO 18185+00
534	CV-G4037	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18185+00 TO 18210+00
535	CV-G4038	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18210+00 TO 18235+00
536	CV-G4039	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18235+00 TO 18260+00
537	CV-G4040	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18260+00 TO 18285+00
538	CV-G4041	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18285+00 TO 18310+00
539	CV-G4701	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18295+00 to 18320+00
540	CV-G4702	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18320+00 to 18345+00
541	CV-G4703	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18345+00 to 18370+00
542	CV-G4704	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18370+00 to 18395+00
543	CV-G4705	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18395+00 to 18420+00
544	CV-G4706	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18420+00 to 18445+00
545	CV-G4707	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18445+00 to 18470+00
546	CV-G4708	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18470+00 to 18495+00
547	CV-G4709	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18495+00 to 18520+00
548	CV-G4710	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18520+00 to 18545+00
549	CV-G4711	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18545+00 to 18570+00
550	CV-G4712	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18570+00 to 18595+00
551	CV-G4713	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18595+00 to 18620+00
552	CV-G4714	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18620+00 to 18645+00
553	CV-G4715	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18645+00 to 18670+00
554	CV-G4716	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18670+00 to 18695+00
555	CV-G4717	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18695+00 to 18720+00
556	CV-G4718	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18720+00 to 18745+00
557	CV-G4719	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18745+00 to 18770+00
558	CV-G4720	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18770+00 to 18795+00
559	CV-G4721	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18795+00 to 18820+00
560	CV-G4722	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18820+00 to 18845+00
561	CV-G4723	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18845+00 to 18870+00
562	CV-G4724	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18870+00 to 18895+00
563	CV-G4725	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18895+00 to 18920+00
564	CV-G4726	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18920+00 to 18945+00
565	CV-G4727	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18945+00 to 18970+00
566	CV-G4728	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18970+00 to 18995+00
567	CV-G4729	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18995+00 to 19020+00
568	CV-G4730	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19020+00 to 19045+00
569	CV-G4731	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19045+00 to 19070+00
570	CV-G4732	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19070+00 to 19095+00
571	CV-G4733	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19095+00 to 19120+00
572	CV-G4734	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18457+00

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
J. MEREDITH
 CHECKED BY
S. LANDOLT
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 PREFERRED ALTERNATIVE
 GENERAL
 INDEX OF DRAWINGS
 SHEET 35 OF 49

CONTRACT NO.
HSR13-44
 DRAWING NO.
GE-B0035
 SCALE
AS SHOWN
 SHEET NO.
36

GRADING AND DRAINAGE PLAN SHEETS

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
573	CV-G4735	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18507+00
574	CV-G4736	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18507+00
575	CV-G4737	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18601+00
576	CV-G4738	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18601+00
577	CV-G4739	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18601+00
578	CV-G4740	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18705+00 TO 18730+00
579	CV-G4741	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18710+00 TO 18735+00
580	CV-G4742	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18735+00 TO 18755+00
581	CV-G4743	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18795+00 TO 18820+00
582	CV-G4744	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18820+00 TO 18845+00
583	CV-G4745	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18875+00 TO 18905+00
584	CV-G4746	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18905+00 TO 18930+00
585	CV-G4747	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 18930+00 TO 18944+00
586	CV-G4748	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18920+00
587	CV-G4749	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18920+00
588	CV-G4750	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - ACCESS ROAD 18920+00
589	CV-G4751	REFINED CCNM DESIGN OPTION - GRADING AND DRAINAGE - PLAN - STA 19015+00 TO 19025+00
590	CV-G4073	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19085+00 TO 19110+00
591	CV-G4074	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19110+00 TO 19135+00
592	CV-G4075	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19135+00 TO 19160+00
593	CV-G4076	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19160+00 TO 19185+00
594	CV-G4077	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19185+00 TO 19210+00
595	CV-G4078	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19210+00 TO 19235+00
596	CV-G4079	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19235+00 TO 19260+00
597	CV-G4080	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 19260+00 TO 19285+00
598	CV-G4081	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19285+00 TO 19310+00
599	CV-G4082	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19310+00 TO 19335+00
600	CV-G4083	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19335+00 TO 19360+00
601	CV-G4084	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19360+00 TO 19385+00
602	CV-G4085	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19385+00 TO 19410+00
603	CV-G4086	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19410+00 TO 19435+00
604	CV-G4087	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19435+00 TO 19460+00
605	CV-G4088	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19460+00 TO 19485+00
606	CV-G4088A	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19475+00
607	CV-G4089	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19485+00 TO 19510+00
608	CV-G4090	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19510+00 TO 19535+00
609	CV-G4091	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19535+00 TO 19560+00
610	CV-G4092	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19560+00 TO 19585+00
611	CV-G4093	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19585+00 TO 19610+00
612	CV-G4094	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19610+00 TO 19635+00
613	CV-G4095	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19635+00 TO 19660+00
614	CV-G4096	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19660+00 TO 19685+00
615	CV-G4097	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19685+00 TO 19710+00
616	CV-G4098	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19710+00 TO 19735+00
617	CV-G4099	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19735+00 TO 19760+00
618	CV-G4100	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19760+00 TO 19785+00
619	CV-G4101	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19785+00 TO 19810+00
620	CV-G4102	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19810+00 TO 19835+00
621	CV-G4103	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19835+00 TO 19860+00
622	CV-G4104	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19860+00 TO 19885+00
623	CV-G4105	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19885+00 TO 19910+00
624	CV-G4106	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19910+00 TO 19935+00
625	CV-G4107	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19935+00 TO 19960+00
626	CV-G4108	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19960+00 TO 19985+00
627	CV-G4109	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 19985+00 TO 20010+00
628	CV-G4110	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - STA 20010+00 TO 20035+00
629	CV-G4111	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20035+00 TO 20060+00
630	CV-G4112	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20060+00 TO 20085+00
631	CV-G4113	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20085+00 TO 20110+00
632	CV-G4114	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20110+00 TO 20135+00
633	CV-G4115	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20135+00 TO 20160+00

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
634	CV-G4116	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20160+00 TO 20185+00
635	CV-G4117	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20185+00 TO 20210+00
636	CV-G4118	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20210+00 TO 20235+00
637	CV-G4119	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20235+00 TO 20260+00
638	CV-G4120	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20260+00 TO 20285+00
639	CV-G4121	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20285+00 TO 20310+00
640	CV-G4122	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20310+00 TO 20335+00
641	CV-G4123	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20335+00 TO 20360+00
642	CV-G4124	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20360+00 TO 20385+00
643	CV-G4125	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20385+00 TO 20410+00
644	CV-G4126	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20410+00 TO 20435+00
645	CV-G4127	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20435+00 TO 20460+00
646	CV-G4128	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20460+00 TO 20485+00
647	CV-G4129	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20485+00 TO 20510+00
648	CV-G4130	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20510+00 TO 20535+00
649	CV-G4131	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20535+00 TO 20560+00
650	CV-G4132	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20560+00 TO 20585+00
651	CV-G4133	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20585+00 TO 20610+00
652	CV-G4134	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20610+00 TO 20635+00
653	CV-G4135	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20635+00 TO 20660+00
654	CV-G4136	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20660+00 TO 20685+00
655	CV-G4137	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 20685+00 TO 20710+00
656	CV-G4138	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20710+00 TO 20735+00
657	CV-G4139	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20735+00 TO 20760+00
658	CV-G4140	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20760+00 TO 20785+00
659	CV-G4141	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20785+00 TO 20810+00
660	CV-G4142	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20810+00 TO 20835+00
661	CV-G4143	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20835+00 TO 20860+00
662	CV-G4144	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20860+00 TO 20885+00
663	CV-G4145	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20885+00 TO 20910+00
664	CV-G4146	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20910+00 TO 20935+00
665	CV-G4147	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20935+00 TO 20960+00
666	CV-G4148	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20960+00 TO 20985+00
667	CV-G4149	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 20985+00 TO 21010+00
668	CV-G4150	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21010+00 TO 21035+00
669	CV-G4151	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21035+00 TO 21060+00
670	CV-G4152	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21060+00 TO 21085+00
671	CV-G4153	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21085+00 TO 21110+00
672	CV-G4154	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21110+00 TO 21135+00
673	CV-G4155	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21135+00 TO 21160+00
674	CV-G4156	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21160+00 TO 21185+00
675	CV-G4157	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21185+00 TO 21210+00
676	CV-G4158	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21210+00 TO 21235+00
677	CV-G4159	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21010+00 TO 21035+00
678	CV-G4160	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21035+00 TO 21060+00
679	CV-G4161	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21060+00 TO 21085+00
680	CV-G4162	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21085+00 TO 21110+00
681	CV-G4163	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21110+00 TO 21135+00
682	CV-G4164	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21135+00 TO 21160+00
683	CV-G4165	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21160+00 TO 21185+00
684	CV-G4166	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21185+00 TO 21210+00
685	CV-G4167	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21210+00 TO 21235+00
686	CV-G4168	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21135+00 TO 21160+00
687	CV-G4169	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21160+00 TO 21185+00
688	CV-G4170	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - STA 21185+00 TO 21210+00
689	CV-G4171	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18672+50 TO 18697+50
690	CV-G4172	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18872+50 TO 18897+50
691	CV-G4173	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - STA 18997+50 TO 19022+50
692	CV-G4174	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17596+00
693	CV-G4175	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17711+00
694	CV-G4176	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17907+00

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A. CARSON
DRAWN BY
J. MEREDITH
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S. LANDOLT
IN CHARGE
G. CAMPBELL
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**RECORD SET
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SUBMITTAL**

**NOT FOR
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 36 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0036
SCALE
AS SHOWN
SHEET NO.
37

GRADING AND DRAINAGE PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
695	CV-G4177	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17907+00
696	CV-G4178	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 17907+00
697	CV-G4180	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18457+00
698	CV-G4181	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18516+00
699	CV-G4182	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18516+00
700	CV-G4183	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18516+00
701	CV-G4184	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18908+00
702	CV-G4185	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18908+00
703	CV-G4186	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 18908+00
704	CV-G4189	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19755+00
705	CV-G4190	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19755+00
706	CV-G4191	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19945+00
707	CV-G4192	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 19945+00
708	CV-G4193	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 20084+00
709	CV-G4194	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - PLAN - ACCESS ROAD STA 20084+00
710	CV-G4197	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20806+00
711	CV-G4198	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20806+00
712	CV-G4199	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20806+00
713	CV-G4201	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20861+00
714	CV-G4207	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 20968+00
715	CV-G4208	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 21022+00
716	CV-G4209	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - PLAN - ROAD CROSSING STA 21128+00

RETAINING WALL PLAN AND PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
717	ST-G1031	ALTERNATIVE 2 - RETAINING WALL - 17492 - PLAN AND PROFILE
718	ST-G1032	ALTERNATIVE 2 - RETAINING WALL - 17530 - PLAN AND PROFILE
719	ST-G1033	ALTERNATIVE 2 - RETAINING WALL - 17617 AND 17623 - PLAN AND PROFILE
720	ST-G1034	ALTERNATIVE 2 - RETAINING WALL - 17726 AND 17734 - PLAN AND PROFILE
721	ST-G1001	ALTERNATIVE 1,2,3,5 - RETAINING WALL - MORNING DRIVE - PLAN AND PROFILE
722	ST-G1005	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18168 - PLAN AND PROFILE
723	ST-G1201	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18335 - PLAN AND PROFILE
724	ST-G1202	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18430 - PLAN AND PROFILE
725	ST-G1203	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18450 - PLAN AND PROFILE
726	ST-G1204	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18603 - PLAN AND PROFILE
727	ST-G1205	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18850 - PLAN AND PROFILE
728	ST-G1206	REFINED CCNM DESIGN OPTION - RETAINING WALL - 18884 - PLAN AND PROFILE
729	ST-G1207	REFINED CCNM DESIGN OPTION - RETAINING WALL - 19087 AND 19088 - PLAN AND PROFILE
730	ST-G1016	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE G - PLAN AND PROFILE
731	ST-G1017	ALTERNATIVE 1,2,3 - RETAINING WALL - SIERRA HIGHWAY - PLAN AND PROFILE
732	ST-G1018	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE H - PLAN AND PROFILE
733	ST-G1019	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE I - PLAN AND PROFILE
734	ST-G1020	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE I - PLAN AND PROFILE
735	ST-G1021	ALTERNATIVE 1,2,3 - RETAINING WALL - LANCASTER BLVD - PLAN AND PROFILE
736	ST-G1022	ALTERNATIVE 1,2,3 - RETAINING WALL - LANCASTER BLVD - PLAN AND PROFILE
737	ST-G1023	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
738	ST-G1024	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
739	ST-G1025	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
740	ST-G1026	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
741	ST-G1027	ALTERNATIVE 1,2,3 - RETAINING WALL - 20969 - PLAN AND PROFILE

RETAINING WALL PLAN AND PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
742	ST-G1028	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE L - PLAN AND PROFILE
743	ST-G1029	ALTERNATIVE 1,2,3,5 - RETAINING WALL - AVENUE N - PLAN AND PROFILE
744	ST-G1030	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE N - PLAN AND PROFILE

CONSTRUCTION SEQUENCE GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
745	CV-B0003	ALTERNATIVE 1,2,3,5 - NOTES & LEGEND
746	CV-I0101	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING GENERAL - NOTES AND LEGEND
747	CV-C0004	ALTERNATIVE 1 - KEY MAP
748	CV-C0005	ALTERNATIVE 2 - KEY MAP
749	CV-I0102	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING GENERAL - KEY MAP

CONSTRUCTION SEQUENCE

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
750	CV-I1008	ALTERNATIVE 2 - CONSTRUCTION SEQUENCE - SHEET 8 OF 11
751	CV-I1002	ALTERNATIVE 1 - CONSTRUCTION SEQUENCE - SHEET 2 OF 11
752	CV-I1201	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - SHEET 1 OF 2
753	CV-I1202	REFINED CCNM DESIGN OPTION - CONSTRUCTION SEQUENCING - SHEET 2 OF 2
754	CV-I1004	ALTERNATIVE 1 - CONSTRUCTION SEQUENCE - SHEET 4 OF 11
755	CV-I1005	ALTERNATIVE 1 - CONSTRUCTION SEQUENCE - SHEET 5 OF 11
756	CV-I1006	ALTERNATIVE 1 - CONSTRUCTION SEQUENCE - SHEET 6 OF 11
757	CV-I1007	ALTERNATIVE 1 - CONSTRUCTION SEQUENCE - SHEET 7 OF 11

STRUCTURES GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
758	ST-B0003	TRACK AND ROADWAY STRUCTURES - GENERAL NOTES AND LEGENDS
759	ST-B0101	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - GENERAL NOTES AND LEGEND
760	ST-B0004	ALTERNATIVE 1 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
761	ST-B0005	ALTERNATIVE 1 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
762	ST-B0006	ALTERNATIVE 2 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
763	ST-B0007	ALTERNATIVE 2 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
764	ST-B0102	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - KEY MAP
765	ST-B3001	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 1 OF 11
766	ST-B3002	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 2 OF 11
767	ST-B3003	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 3 OF 11
768	ST-B3003A	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 4 OF 11
769	ST-B3004	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 5 OF 11
770	ST-B3005	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 6 OF 11
771	ST-B3005A	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 7 OF 11
772	ST-B3006	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 8 OF 11
773	ST-B3008	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 9 OF 11
774	ST-B3009	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 10 OF 11
775	ST-B3010	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 11 OF 11
776	ST-B3101	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 1 OF 7
777	ST-B3102	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 2 OF 7
778	ST-B3103	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 3 OF 7
779	ST-B3104	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 4 OF 7
780	ST-B3105	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 5 OF 7
781	ST-B3106	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 6 OF 7
782	ST-B3107	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - TYPICAL SECTIONS - SHEET 7 OF 7

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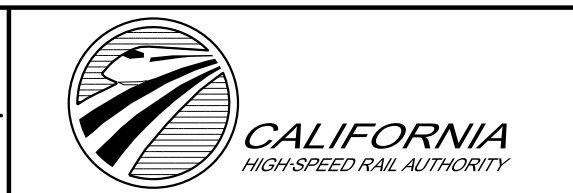
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DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 37 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0037
SCALE
AS SHOWN
SHEET NO.
38

TRACK STRUCTURES

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
783-795	ST-J1104 TO ST-J1116	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17412+52.05 - PLAN AND ELEVATION
796	ST-J1120	ALTERNATIVE 2 - VINELAND ROAD UNDERPASS - PLAN AND ELEVATION
797-800	ST-J1121 TO ST-J1124	ALTERNATIVE 2 - VIADUCT STATION 17497+70 TO 17530+70 - PLAN AND ELEVATION
801	ST-J1125	ALTERNATIVE 2 - MALAGA ROAD UNDERPASS - PLAN AND ELEVATION
802	ST-J1126	ALTERNATIVE 2 - COMANCHE DRIVE UNDERPASS - PLAN AND ELEVATION
803	ST-J1127	ALTERNATIVE 2 - TEJON HIGHWAY UNDERPASS - PLAN AND ELEVATION
804	ST-J1128	ALTERNATIVE 2 - TOWERLINE ROAD UNDERPASS - PLAN AND ELEVATION
805-806	ST-J1129 TO ST-J1130	ALTERNATIVE 2 - SR 58 VIADUCT - PLAN AND ELEVATION
807	ST-J1131	ALTERNATIVE 2 - NEUMARKEL ROAD UNDERPASS - PLAN AND ELEVATION
808-809	ST-J1132 TO ST-J1133	ALTERNATIVE 2 - VIADUCT STATION 17840+55 TO 17855+65 - PLAN AND ELEVATION
810-813	ST-J1027 TO ST-J1030	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18076+71 TO 18106+61 - PLAN AND ELEVATION
814	ST-J1031	ALTERNATIVES 1,2,3,5 - CALIENTE BODFISH RD UNDERPASS - PLAN AND ELEVATION
815	ST-J1032	ALTERNATIVES 1,2,3,5 - UNDERPASS STATION 18239+45 TO 18245+25 - PLAN AND ELEVATION
816	ST-J1301	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18465+50 to 18475+65 - PLAN AND ELEV
817	ST-J1302	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18465+50 to 18475+65 - PLAN AND ELEV
818	ST-J1303	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18491+62 to 18493+45 - PLAN AND ELEV
819	ST-J1304	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18597+24 to 18603+56 - PLAN AND ELEV
820	ST-J1305	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18744+33 to 18746+98 - PLAN AND ELEV
821	ST-J1306	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
822	ST-J1307	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
823	ST-J1308	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
824	ST-J1309	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
825	ST-J1310	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
826	ST-J1311	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 18838+59 to 18884+25 - PLAN AND ELEV
827	ST-J1311A	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 19076+14 to 19078+14 - PLAN AND ELEV
828	ST-J1311B	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - VIADUCT STATION 19075+84 to 19077+84 - PLAN AND ELEV
829	ST-J1312	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - SOUTH VIADUCT STATION 19097+53 to 19097+39.69 - ALT 1,2,3,5 - PLAN AND ELEVATION
830	ST-J1313	REFINED CCNM DESIGN OPTION - TRACK STRUCTURES - NORTH VIADUCT STATION 19099+22 to 19097+68.69 - ALT 1,2,3,5 - PLAN AND ELEVATION
831-832	ST-J1050 TO ST-J1050A	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD NORTH VIADUCT - PLAN AND ELEVATION
833-834	ST-J1051 TO ST-J1051A	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD SOUTH VIADUCT - PLAN AND ELEVATION
835	ST-J1052	ALTERNATIVES 1,2,3,5 - STUBER ROAD NORTH UNDERPASS - PLAN AND ELEVATION
836	ST-J1053	ALTERNATIVES 1,2,3,5 - STUBER ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
837	ST-J1058	ALTERNATIVES 1,2,3,5 - NORTH UNDERPASS STATION 19271+95 TO 19276+25 - PLAN AND ELEVATION
838	ST-J1059	ALTERNATIVES 1,2,3,5 - SOUTH UNDERPASS STATION 19271+45 TO 19275+85 - PLAN AND ELEVATION
839-840	ST-J1060 TO ST-J1061	ALTERNATIVES 1,2,5 - NORTH VIADUCT STATION 19458+20 TO 19473+80 - PLAN AND ELEVATION
841-842	ST-J1062 TO ST-J1063	ALTERNATIVES 1,2,5 - SOUTH VIADUCT STATION 19458+20 TO 19473+80 - PLAN AND ELEVATION
843	ST-J1064	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD NORTH UNDERPASS 2 - PLAN AND ELEVATION
844	ST-J1065	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD SOUTH UNDERPASS 2 - PLAN AND ELEVATION
845	ST-J1066	ALTERNATIVES 1,2,5 - ROBERT RANCH ROAD NORTH UNDERPASS - PLAN AND ELEVATION
846	ST-J1067	ALTERNATIVES 1,2,5 - ROBERT RANCH ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
847	ST-J1068	ALTERNATIVES 1,2,5 - 110TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
848	ST-J1069	ALTERNATIVES 1,2,5 - 110TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
849	ST-J1070	ALTERNATIVES 1,2,5 - TROTTER AVENUE NORTH UNDERPASS - PLAN AND ELEVATION
850	ST-J1071	ALTERNATIVES 1,2,5 - TROTTER AVENUE SOUTH UNDERPASS - PLAN AND ELEVATION
851-852	ST-J1072 TO ST-J1073	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD NORTH VIADUCT - PLAN AND ELEVATION
853-854	ST-J1074 TO ST-J1075	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD SOUTH VIADUCT - PLAN AND ELEVATION

TRACK STRUCTURES

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
855	ST-J1078	ALTERNATIVES 1,2,5 - 105TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
856	ST-J1079	ALTERNATIVES 1,2,5 - 105TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
857	ST-J1080	ALTERNATIVES 1,2,5 - CHAMPANGUE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
858	ST-J1081	ALTERNATIVES 1,2,5 - CHAMPANGNE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
859	ST-J1087	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD UNDERPASS 3 - PLAN AND ELEVATION
860	ST-J1088	ALTERNATIVES 1,2,3,5 - DAWN ROAD - 85TH STREET UNDERPASS - PLAN AND ELEVATION
861	ST-J1089	ALTERNATIVES 1,2,3,5 - FAVORITO AVENUE - 80TH STREET UNDERPASS - PLAN AND ELEVATION
862-863	ST-J1090 TO ST-J1090A	ALTERNATIVES 1,2,3,5 - SWEETSER ROAD VIADUCT - PLAN AND ELEVATION
864	ST-J1091	ALTERNATIVES 1,2,3,5 - ROSAMOND BLVD UNDERPASS - PLAN AND ELEVATION
865	ST-J1092	ALTERNATIVES 1,2,3,5 - 60TH STREET UNDERPASS - PLAN AND ELEVATION
866	ST-J1093	ALTERNATIVES 1,2,3,5 - ASTORIA AVENUE UNDERPASS - PLAN AND ELEVATION
867	ST-J1094	ALTERNATIVES 1,2,3,5 - HOLIDAY AVENUE UNDERPASS - PLAN AND ELEVATION
868	ST-J1095	ALTERNATIVES 1,2,3,5 - 50TH STREET UNDERPASS - PLAN AND ELEVATION
869	ST-J1096	ALTERNATIVES 1,2,3,5 - AVENUE A UNDERPASS - PLAN AND ELEVATION
870	ST-J1096A	ALTERNATIVES 1,2,3,5 - 40TH STREET - AVENUE A8 VIADUCT - PLAN AND ELEVATION
871	ST-J1097	ALTERNATIVES 1,2,3,5 - AVENUE B EAST UNDERPASS - PLAN AND ELEVATION
872	ST-J1099	ALTERNATIVES 1,2,3,5 - 30TH STREET - AVENUE C UNDERPASS - PLAN AND ELEVATION
873	ST-J1100	ALTERNATIVES 1,2,3,5 - SR 138 UNDERPASS - PLAN AND ELEVATION
874	ST-J1101	ALTERNATIVES 1,2,3,5 - SR 14 UNDERPASS - PLAN AND ELEVATION
875	ST-J1102	ALTERNATIVES 1,2,3,5 - AVENUE E UNDERPASS - PLAN AND ELEVATION
876-878	ST-J1103 TO ST-J1103B	ALTERNATIVES 1,2,3 - AVENUE F VIADUCT - PLAN AND ELEVATION
879	ST-J1103C	ALTERNATIVES 1,2,3 - AVENUE I OVERHEAD - PLAN AND ELEVATION
880	ST-J1103D	ALTERNATIVES 1,2,3 - LANCASTER BLVD OVERHEAD - PLAN AND ELEVATION

ROADWAY STRUCTURES

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
881	ST-K1002	ALTERNATIVES 1,2,3,5 - MORNING DRIVE UNDERPASS - PLAN AND ELEVATION
882	ST-K1013	ALTERNATIVES 1,2,3,5 - GENERAL BEALE ROAD OVERHEAD - PLAN AND ELEVATION
883	ST-K1014	ALTERNATIVES 1,2,3,5 - BEALVILLE ROAD OVERHEAD - PLAN AND ELEVATION
884-885	ST-K1019A TO ST-K1019B	ALTERNATIVES 1,2,3,5 - HIGHLINE ROAD OVERHEAD - PLAN AND ELEVATION
886-888	ST-K1019C TO ST-K1019E	ALTERNATIVES 1,2,3,5 - TEHACHAPI WILLOW SPRINGS ROAD OVERHEAD - PLAN AND ELEVATION
889	ST-K1019F	ALTERNATIVES 1,3,5 - TUNNEL ACCESS ROAD BRIDGE - PLAN AND ELEVATION
890	ST-K1021	ALTERNATIVES 1,2,3 - AVENUE G OVERHEAD 1 - PLAN AND ELEVATION
891	ST-K1022	ALTERNATIVES 1,2,3 - AVENUE G OVERHEAD 2 - PLAN AND ELEVATION
892	ST-K1023	ALTERNATIVES 1,2,3 - SIERRA HIGHWAY OVERHEAD - PLAN AND ELEVATION
893	ST-K1024	ALTERNATIVES 1,2,3 - AVENUE H OVERHEAD - PLAN AND ELEVATION
894	ST-K1025A	ALTERNATIVES 1,2,3,5 - AVE I OVERCROSSING - PLAN AND ELEVATION
895	ST-K1025B	ALTERNATIVES 1,2,3,5 - AVE I UNDERPASS - PLAN AND ELEVATION
896	ST-K1026A	ALTERNATIVES 1,2,3,5 - LANCASTER BLVD. OVERCROSSING - 1 - PLAN AND ELEVATION
897	ST-K1026B	ALTERNATIVES 1,2,3,5 - LANCASTER BLVD. OVERPASS - PLAN AND ELEVATION
898	ST-K1026C	ALTERNATIVES 1,2,3,5 - LANCASTER BLVD. OVERCROSSING - 2 - PLAN AND ELEVATION
899	ST-K1028	ALTERNATIVES 1,2,3 - AVENUE J OVERHEAD - PLAN AND ELEVATION
900	ST-K1029	ALTERNATIVES 1,2,3 - AVENUE K OVERHEAD - PLAN AND ELEVATION
901	ST-K1030	ALTERNATIVES 1,2,3 - AVENUE L OVERHEAD - PLAN AND ELEVATION
902-904	ST-K1031 TO ST-K1032A	ALTERNATIVES 1,2,3 - AVENUE M OVERHEAD - PLAN AND ELEVATION
905	ST-K1033	ALTERNATIVES 1,2,3 - DRAINAGE AND WILDLIFE CROSSING OVERHEAD - PLAN AND ELEVATION
906	ST-K1034	ALTERNATIVES 1,2,3 - AVENUE N OVERHEAD - PLAN AND ELEVATION

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REV	DATE	BY	CHK	APP	DESCRIPTION

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RECORD SET
PEPD
SUBMITTAL

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 PREFERRED ALTERNATIVE
 GENERAL
 INDEX OF DRAWINGS
 SHEET 38 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0038
 SCALE
 AS SHOWN
 SHEET NO.
 39

MAINTENANCE FACILITY GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
907	MY-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
908	MY-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
909	MY-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 3
910	MY-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES - SHEET 1 OF 1
911	MY-B3001	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 1 OF 4
912	MY-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 2 OF 4
913	MY-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 3 OF 4
914	MY-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 4 OF 4
915	MY-C6001	ALTERNATIVE 1,2,3,5 - GENERAL - KEY MAP - SHEET 1 OF 1

MAINTENANCE FACILITY PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
916	MY-D1015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PROFILE SHEET 1 OF 2
917	MY-D1016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PROFILE SHEET 2 OF 2
918	MY-D1020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PROFILE SHEET 1 OF 2
919	MY-D1021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PROFILE SHEET 2 OF 2
920	MY-D1040	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 1 OF 9
921	MY-D1041	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 2 OF 9
922	MY-D1042	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 3 OF 9
923	MY-D1043	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 4 OF 9
924	MY-D1044	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 5 OF 9
925	MY-D1045	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 6 OF 9
926	MY-D1046	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 7 OF 9
927	MY-D1047	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 8 OF 9
928	MY-D1048	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 9 OF 9

MAINTENANCE FACILITY PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
929	MY-D4015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 1 OF 5
930	MY-D4016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 2 OF 5
931	MY-D4017	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 3 OF 5
932	MY-D4018	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 4 OF 5
933	MY-D4019	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOWS - EDISON - PLAN SHEET 5 OF 5
934	MY-D4020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 1 OF 5
935	MY-D4021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 2 OF 5
936	MY-D4022	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 3 OF 5
937	MY-D4023	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 4 OF 5
938	MY-D4024	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOWS - TEHACHAPI - PLAN SHEET 5 OF 5
939	MY-D4051C	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - MOWF - LANCASTER - PLAN SHEET 1 OF 2
940	MY-D4051D	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - MOWF - LANCASTER - PLAN SHEET 2 OF 2

TRACTION POWER GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
941	TP-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 1 OF 4
942	TP-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 2 OF 4
943	TP-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 3 OF 4
944	TP-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 4 OF 4
945	TP-B0201	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - LEGEND
946	TP-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 1 OF 4
947	TP-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 2 OF 4
948	TP-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 3 OF 4
949	TP-B3005	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS - SHEET 4 OF 4
950	TP-B3201	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - TYPICAL SECTIONS - SHEET 1 OF 2
951	TP-B3202	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - TYPICAL SECTIONS - SHEET 2 OF 2
952	TP-B0202	REFINED CCNM DESIGN OPTION - TRACTION POWER GENERAL - KEY MAP

TRACTION POWER LAYOUTS, TYPICAL LAYOUTS, AND SITE PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
953	TP-D0001	ALTERNATIVE 1 - TRACTION POWER FACILITY LAYOUT
954	TP-D0002	ALTERNATIVE 2 - TRACTION POWER FACILITY LAYOUT
955	TP-D0201	REFINED CCNM DESIGN OPTION - TRACTION POWER FACILITY LAYOUT
956	TP-E4001	ALTERNATIVE 1,2,3,5 - TYPICAL LAYOUT - TRACTION POWER SUPPLY STATION - WITH 2 HIGH VOLTAGE TRANSFORMERS
957	TP-E4002	ALTERNATIVE 1,2,3,5 - TYPICAL LAYOUT - SWITCHING STATION - WITH 4 AUTOTRANSFORMERS
958	TP-E4003	ALTERNATIVE 1,2,3,5 - TYPICAL LAYOUT - PARALLELING STATION - WITH 2 AUTOTRANSFORMERS
959	TP-E4201	REFINED CCNM DESIGN OPTION - TYPICAL LAYOUT - TRACTION POWER SUBSTATION - WITH 2 HIGH VOLTAGE TRANSFORMERS
960	TP-E4202	REFINED CCNM DESIGN OPTION - TYPICAL LAYOUT - PARALLELING STATION - WITH 2 AUTOTRANSFORMERS
961	TP-F4002	ALTERNATIVE 1,2,3,5 - PROPOSED INTERCONNECT MONOLITH SUBSTATION
962	TP-F4003	ALTERNATIVE 1,2,3,5 - PROPOSED INTERCONNECT ANTELOPE VALLEY SUBSTATION
963	TP-O4101	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - SUPPLY STATION D-SS-MIL 17370+00
964	TP-O4102	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-RED 17590+72
965	TP-O4103	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-NEU 17824+31
966	TP-O4004	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - SWITCHING STATION D-SWS-BEN 18103+22
967	TP-O4005	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-BEA 18302+00
968	TP-O4401	REFINED CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 3
969	TP-O4402	REFINED CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 4
970	TP-O4403	REFINED CCNM DESIGN OPTION - TRACTION POWER SITE PLAN - PROPOSED TPSS #15
971	TP-O4009	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-HIG 19234+50
972	TP-O4010	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-CAM 19449+75
973	TP-O4011	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-ROB 19695+00
974	TP-O4012	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - SUPPLY STATION D-SS-TEH 20015+00
975	TP-O4013	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-HID 20290+43
976	TP-O4014	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-C12 20571+50
977	TP-O4015	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - SWITCHING STATION D-SWS-HAV 20845+75
978	TP-O4016	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PARALLELING STATION D-PS-COL 21134+76

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DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 39 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0039
SCALE
AS SHOWN
SHEET NO.
40

COMMUNICATIONS GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
979	CO-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 4
980	CO-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 4
981	CO-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 4
982	CO-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 4 OF 4
983	CO-C6001	ALTERNATIVE 1,2,3,5 - GENERAL - KEY MAP - SHEET 1 OF 2
984	CO-C6002	ALTERNATIVE 1,2,3,5 - GENERAL - KEY MAP - SHEET 2 OF 2

COMMUNICATIONS LAYOUTS AND SITE PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
985	CO-D0001	ALTERNATIVE 1 - COMMUNICATIONS LAYOUT
986	CO-D0002	ALTERNATIVE 2 - COMMUNICATIONS LAYOUT
987	CO-F4001	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 17329+98
988	CO-F4002	ALTERNATIVE 1,2,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 19802+39
989	CO-F4003	ALTERNATIVE 1,2,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 19907+50
990	CO-F4004	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 20210+00
991	CO-F4005	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 20396+00
992	CO-F4006	ALTERNATIVE 1,2,3 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 20720+00
993	CO-F4007	ALTERNATIVE 1,2,3 - COMMUNICATIONS SYSTEM SITE PLAN - STAND ALONE RADIO SITE STA 21004+00

TRAIN CONTROL GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
994	TC-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 1 OF 4
995	TC-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 2 OF 4
996	TC-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 3 OF 4
997	TC-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 4 OF 4
998	TC-B0201	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL GENERAL - ABBREVIATIONS AND LEGEND
999	TC-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
1000	TC-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
1001	TC-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
1002	TC-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
1003	TC-B0202	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL GENERAL - KEY MAP

TRAIN CONTROL LAYOUTS AND SITE PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1004	TC-D0001	ALTERNATIVE 1 - AUTOMATIC TRAIN CONTROL LAYOUT
1005	TC-D0002	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL LAYOUT
1006	TC-B0203	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL LAYOUT
1007	TC-F4025	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 17441+00
1008	TC-F4026	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 17651+69, 17670+00
1009	TC-F4027	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-E SITE 17700+50
1010	TC-F4028	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITE 17729+26
1011	TC-F4029	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITE 17766+29
1012	TC-F4005	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 17950+00
1013	TC-F4006	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 18302+00
1014	TC-F4201	REFINED CCNM DESIGN OPTION - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 18749+68
1015	TC-F4008	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 19131+50
1016	TC-F4009	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITE 19178+00
1017	TC-F4010	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-E SITE 19208+50
1018	TC-F4011	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITE 19245+75
1019	TC-F4012	ALTERNATIVE 1,2,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 19607+00
1020	TC-F4013	ALTERNATIVE 1,2,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 20060+00
1021	TC-F4015	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 20502+50
1022	TC-F4017	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 20845+75
1023	TC-F4018	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-B SITES 21025+64, 21035+64, 21046+00
1024	TC-F4019	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - ATC-D SITE 21136+00

TUNNEL GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1025	TN-B0003	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 1 OF 4
1026	TN-B0004	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 2 OF 4
1027	TN-B0005	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 3 OF 4
1028	TN-B0006	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 4 OF 4
1029	TN-B0201	REFINED CCNM DESIGN OPTION - TUNNEL LEGEND
1030	TN-B0007	ALTERNATIVE 1,2,3,5 TUNNELS KEY MAP - SHEET 1 OF 1
1031	TN-B0202	REFINED CCNM DESIGN OPTION - KEY MAP - ALIGNMENT TUNNELS

TUNNEL PLAN SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1032	TN-C4003	ALIGNMENT ALT 1, 2, 3, 5 - TUNNEL 1 - STA 18015+00 TO 18075+00
1033	TN-C4004	ALIGNMENT ALT 1, 2, 3, 5 - TUNNEL 2 - STA 18103+00 TO 18163+00
1034	TN-C4005	ALIGNMENT ALT 1, 2, 3, 5 - TUNNEL 3 - STA 18171+00 TO 18231+00
1035	TN-C4401	REFINED CCNM DESIGN OPTION - TUNNEL 4 - STA 18325+00 TO STA 18375+00
1036	TN-C4402	REFINED CCNM DESIGN OPTION - TUNNEL 4 - STA 18375+00 TO STA 18425+00
1037	TN-C4403	REFINED CCNM DESIGN OPTION - TUNNEL 4 - STA 18425+00 TO STA 18475+00
1038	TN-C4404	REFINED CCNM DESIGN OPTION - TUNNEL 5 - STA 18475+00 TO STA 18525+00
1039	TN-C4405	REFINED CCNM DESIGN OPTION - TUNNEL 5 - STA 18525+00 TO STA 18575+00
1040	TN-C4406	REFINED CCNM DESIGN OPTION - TUNNEL 6 - STA 18575+00 TO STA 18625+00
1041	TN-C4407	REFINED CCNM DESIGN OPTION - TUNNEL 6 - STA 18625+00 TO STA 18675+00
1042	TN-C4408	REFINED CCNM DESIGN OPTION - TUNNEL 6 - STA 18675+00 TO STA 18725+00
1043	TN-C4409	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 18875+00 TO STA 18925+00
1044	TN-C4410	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 18925+00 TO STA 18975+00
1045	TN-C4411	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 18975+00 TO STA 19025+00
1046	TN-C4412	REFINED CCNM DESIGN OPTION - TUNNEL 7 - STA 19025+00 TO STA 19075+00
1047	TN-C4012A	ALIGNMENT ALT 1, 2, 5 - TUNNEL 8 - STA 19235+00 TO 19285+00
1048	TN-C4013	ALIGNMENT ALT 1, 2, 5 - TUNNEL 8 - STA 19285+00 TO 19335+00
1049	TN-C4014	ALIGNMENT ALT 1, 2, 5 - TUNNEL 8 - STA 19335+00 TO 19398+00
1050	TN-C4015	ALIGNMENT ALT 1, 2, 5 - TUNNEL 8 - STA 19398+00 TO 19463+00
1051	TN-C4016	ALIGNMENT ALT 1, 2, 5 - TUNNEL 9 - STA 19463+00 TO 19524+00
1052	TN-C4017	ALIGNMENT ALT 1, 2, 5 - TUNNEL 9 - STA 19524+00 TO 19585+00
1053	TN-C4018	ALIGNMENT ALT 1, 2, 5 - TUNNEL 9 - STA 19585+00 TO 19645+00
1054	TN-C4201	ALTERNATIVE 1, 2, 3 - TYPICAL UNDERPASS LAYOUT

TUNNEL PROFILE SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1055	TN-Y1001	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 1 AND TUNNEL 2
1056	TN-Y1002	ALT 1, 2, 3, 5 - TUNNEL PROFILES - TUNNEL 3 AND TUNNEL 4
1057	TN-C1101	REFINED CCNM DESIGN OPTION - TUNNEL PROFILES - TUNNEL 4
1058	TN-C1102	REFINED CCNM DESIGN OPTION - TUNNEL PROFILES - TUNNEL 5
1059	TN-C1103	REFINED CCNM DESIGN OPTION - TUNNEL PROFILES - TUNNEL 6
1060	TN-C1104	REFINED CCNM DESIGN OPTION - TUNNEL PROFILES - TUNNEL 6
1061	TN-C1105	REFINED CCNM DESIGN OPTION - TUNNEL PROFILES - TUNNEL 6
1062	TN-C1106	REFINED CCNM DESIGN OPTION - TUNNEL PROFILES - TUNNEL 7
1063	TN-Y1009	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 1
1064	TN-Y1010	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 2
1065	TN-Y1011	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 3
1066	TN-Y1012	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 SHEET 4
1067	TN-Y1013	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 8 AND TUNNEL 9
1068	TN-Y1014	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 9 SHEET 1
1069	TN-Y1015	ALT 1, 2, 5 - TUNNEL PROFILES - TUNNEL 9 SHEET 2
1070	TN-Y1201	ALT 1, 2, 3, 5 - PROFILE VIEW - TYPICAL UNDERPASS PROFILE

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REV	DATE	BY	CHK	APP	DESCRIPTION

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DATE
01/29/2021

**RECORD SET
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**NOT FOR
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 40 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0040
SCALE
AS SHOWN
SHEET NO.
41

TUNNEL SECTIONS AND DETAILS SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1071	TN-B3301	ALT 1, 2, 3, 5 - TUNNEL SEQUENTIAL EXCAVATION METHOD - SINGLE TUNNEL CLEARANCE DIAGRAM - TANGENT TRACK
1072	TN-B3302	ALT 1, 2, 3, 5 - TUNNEL SEQUENTIAL EXCAVATION METHOD - EXCAVATION SEQUENCE - INITIAL SUPPORT
1073	TN-B3303	ALT 1, 2, 3, 5 - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL - CLEARANCE DIAGRAM
1074	TN-B3304	ALT 1, 2, 3, 5 - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL - INITIAL SUPPORT
1075	TN-B3305	ALT 1, 2, 3, 5 - TUNNEL DRILL AND BLAST METHOD - TWIN TUNNELS - CLEARANCE DIAGRAM - TANGENT TRACK
1076	TN-B3306	ALT 1, 2, 3, 5 - TUNNEL DRILL AND BLAST METHOD - TWIN TUNNELS - CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
1077	TN-B3307	ALT 1, 2, 3, 5 - TUNNEL DRILL AND BLAST METHOD - TWIN TUNNELS - INITIAL SUPPORT
1078	TN-B3308	ALT 1, 2, 3, 5 - TUNNEL TWIN TBM BORED TUNNELS - CLEARANCE DIAGRAM - TANGENT TRACK
1079	TN-B3309	ALT 1, 2, 3, 5 - TUNNEL TWIN TBM BORED TUNNELS - CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
1080	TN-B3310	ALT 1, 2, 3, 5 - TUNNEL TWIN TBM BORED TUNNELS - INITIAL SUPPORT
1081	TN-B3311	ALT 1, 2, 3, 5 - TUNNEL CUT AND COVER BOX - (HABITAT RESTORATION) - CLEARANCE DIAGRAM - TANGENT TRACK
1082	TN-B3312	ALT 1, 2, 3, 5 - TUNNEL CUT AND COVER BOX - (HABITAT RESTORATION) - CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
1083	TN-B3313	ALT 1, 2, 3, 5 - TUNNEL CUT AND COVER BOX - TWIN TUNNEL SINGLE TRACK - CLEARANCE DIAGRAM - TANGENT TRACK
1084	TN-B3314	ALT 1, 2, 3, 5 - TUNNEL CUT AND COVER BOX - TWIN TUNNEL SINGLE TRACK - CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
1085	TN-B3315	ALT 1, 2, 3, 5 - TUNNEL EMERGENCY CROSS PASSAGE
1086	TN-B3316	ALT 1, 2, 3, 5 - TYPICAL TRANSVERSE SECTION - PORTAL FACILITIES - FOR SINGLE TUNNEL CONFIGURATION
1087	TN-B3317	ALT 1, 2, 3, 5 - TYPICAL TRANSVERSE SECTION - PORTAL FACILITIES - FOR TWIN TUNNEL CONFIGURATION
1088	TN-B3318	ALT 1, 2, 3, 5 - TYPICAL TUNNEL PORTAL FACILITIES PLAN - SINGLE TUNNEL CONFIGURATION
1089	TN-B3319	ALT 1, 2, 3, 5 - TYPICAL TUNNEL PORTAL FACILITIES PLAN - TWIN TUNNEL CONFIGURATION
1090	TN-B3320	ALT 1, 2, 3, 5 - TYPICAL TUNNEL PORTAL FACILITIES PLAN - AT GRADE TWIN TUNNEL CONFIGURATION - LONG SECTION
1091	TN-B3321	ALT 1, 2, 3, 5 - TYPICAL TUNNEL PORTAL FACILITIES PLAN - AT GRADE SINGLE TUNNEL CONFIGURATION - TRACK LONG SECTION
1092	TN-B3322	ALT 1, 2, 3, 5 - TUNNEL CUT AND COVER BOX - PEDESTRIAN UNDERPASS
1093	TN-D3101	REFINED CCNM DESIGN OPTION - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL - CLEARANCE DIAGRAM
1094	TN-D3102	REFINED CCNM DESIGN OPTION - TUNNEL DRILL AND BLAST METHOD - SINGLE TUNNEL - INITIAL SUPPORT
1095	TN-D3103	REFINED CCNM DESIGN OPTION - TUNNEL CUT AND COVER BOX - CLEARANCE DIAGRAM - TANGENT TRACK
1096	TN-D3104	REFINED CCNM DESIGN OPTION - TUNNEL CUT AND COVER BOX - CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
1097	TN-D3105	REFINED CCNM DESIGN OPTION - TWIN TUNNEL DRILL AND BLAST METHOD - CLEARANCE DIAGRAM - TANGENT TRACK
1098	TN-D3106	REFINED CCNM DESIGN OPTION - TWIN TUNNEL DRILL AND BLAST METHOD - CLEARANCE DIAGRAM - SUPER ELEV
1099	TN-D3107	REFINED CCNM DESIGN OPTION - TWIN TUNNEL DRILL AND BLAST METHOD - INITIAL SUPPORT
1100	TN-D3108	REFINED CCNM DESIGN OPTION - TUNNEL TWIN TBM BORED TUNNELS - CLEARANCE DIAGRAM - TANGENT TRACK
1101	TN-D3109	REFINED CCNM DESIGN OPTION - TUNNEL TWIN TBM BORED TUNNELS - CLEARANCE DIAGRAM - SUPER ELEV TRACK
1102	TN-D3110	REFINED CCNM DESIGN OPTION - TUNNEL TWIN TBM BORED TUNNELS - INITIAL SUPPORT

UTILITIES GENERAL SHEETS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1103	UT-B0005	COMPOSITE UTILITY PLANS - GENERAL - ABBREVIATIONS AND LEGEND
1104	UT-B0101	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - ABBREVIATIONS AND LEGEND
1105	UT-B0006	COMPOSITE UTILITY PLANS - GENERAL - GENERAL NOTES AND UTILITY OWNERS
1106	UT-B0102	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - GENERAL NOTES AND UTILITY OWNERS
1107	UT-B0007	COMPOSITE UTILITY PLANS - GENERAL - UTILITY CROSSING DETAIL
1108	UT-B0103	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - UTILITY CROSSING DETAIL
1109	UT-B0008	COMPOSITE UTILITY PLANS - ALTERNATIVE 1 - KEY MAP - SHEET 1 OF 7
1110	UT-B0009	COMPOSITE UTILITY PLANS - ALTERNATIVE 1 - KEY MAP - SHEET 2 OF 7
1111	UT-B0010	COMPOSITE UTILITY PLANS - ALTERNATIVE 1 - KEY MAP - SHEET 3 OF 7
1112	UT-B0011	COMPOSITE UTILITY PLANS - ALTERNATIVE 1 - KEY MAP - SHEET 4 OF 7
1113	UT-B0012	COMPOSITE UTILITY PLANS - ALTERNATIVE 1 - KEY MAP - SHEET 5 OF 7
1114	UT-B0013	COMPOSITE UTILITY PLANS - ALTERNATIVE 1 - KEY MAP - SHEET 6 OF 7
1115	UT-B0014	COMPOSITE UTILITY PLANS - ALTERNATIVE 1 - KEY MAP - SHEET 7 OF 7
1116	UT-B0015	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - KEY MAP - SHEET 1 OF 1
1117	UT-B0104	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY GENERAL - KEY MAP - SHEET 1 OF 1

UTILITIES PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1118	UT-C4301	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17285+00 TO 17310+00
1119	UT-C4302	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17310+00 TO 17335+00
1120	UT-C4303	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17335+00 TO 17360+00
1121	UT-C4304	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17360+00 TO 17385+00
1122	UT-C4305	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17385+00 TO 17410+00
1123	UT-C4306	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17410+00 TO 17435+00
1124	UT-C4307	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17435+00 TO 17460+00
1125	UT-C4308	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17460+00 TO 17485+00
1126	UT-C4309	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17485+00 TO 17510+00
1127	UT-C4310	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17510+00 TO 17535+00
1128	UT-C4311	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17535+00 TO 17560+00
1129	UT-C4312	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17560+00 TO 17585+00
1130	UT-C4313	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17585+00 TO 17610+00
1131	UT-C4314	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17610+00 TO 17635+00
1132	UT-C4315	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17635+00 TO 17660+00
1133	UT-C4316	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17660+00 TO 17685+00
1134	UT-C4317	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17685+00 TO 17710+00
1135	UT-C4318	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17710+00 TO 17735+00
1136	UT-C4319	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17735+00 TO 17760+00
1137	UT-C4320	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17760+00 TO 17785+00
1138	UT-C4321	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17785+00 TO 17810+00
1139	UT-C4322	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17810+00 TO 17835+00
1140	UT-C4323	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17835+00 TO 17860+00
1141	UT-C4324	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17860+00 TO 17885+00
1142	UT-C4325	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17885+00 TO 17908+22
1143	UT-C4331	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17360+00 TO 17385+00
1144	UT-C4332	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17385+00 TO 17410+00
1145	UT-C4333	COMPOSITE UTILITY PLANS - ALTERNATIVE 2 - STA 17385+00 TO 17410+00
1146	UT-C4026	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 17910+00 TO 17935+00
1147	UT-C4027	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 17935+00 TO 17960+00
1148	UT-C4028	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 17960+00 TO 17985+00
1149	UT-C4029	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 17985+00 TO 18010+00
1150	UT-C4030	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18010+00 TO 18035+00
1151	UT-C4031	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18035+00 TO 18060+00
1152	UT-C4032	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18060+00 TO 18085+00
1153	UT-C4033	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18085+00 TO 18110+00
1154	UT-C4034	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18110+00 TO 18135+00
1155	UT-C4035	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18135+00 TO 18160+00
1156	UT-C4036	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18160+00 TO 18185+00
1157	UT-C4037	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18185+00 TO 18210+00
1158	UT-C4038	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18210+00 TO 18235+00
1159	UT-C4039	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18235+00 TO 18260+00
1160	UT-C4040	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18260+00 TO 18285+00
1161	UT-C4041	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 18285+00 TO 18310+00
1162	UT-C4701	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18307+67 TO 18320+00 - PLAN
1163	UT-C4702	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18320+00 TO 18345+00 - PLAN
1164	UT-C4703	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18345+00 TO 18370+00 - PLAN
1165	UT-C4704	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18370+00 TO 18395+00 - PLAN
1166	UT-C4705	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18395+00 TO 18420+00 - PLAN
1167	UT-C4706	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18420+00 TO 18445+00 - PLAN
1168	UT-C4707	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18445+00 TO 18470+00 - PLAN
1169	UT-C4708	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18470+00 TO 18495+00 - PLAN
1170	UT-C4709	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18495+00 TO 18520+00 - PLAN
1171	UT-C4710	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18520+00 TO 18545+00 - PLAN
1172	UT-C4711	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18545+00 TO 18570+00 - PLAN
1173	UT-C4712	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18570+00 TO 18595+00 - PLAN
1174	UT-C4713	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18595+00 TO 18620+00 - PLAN
1175	UT-C4714	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18620+00 TO 18645+00 - PLAN
1176	UT-C4715	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18645+00 TO 18670+00 - PLAN
1177	UT-C4716	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18670+00 TO 18695+00 - PLAN
1178	UT-C4717	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18695+00 TO 18720+00 - PLAN

DESIGNED BY
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DRAWN BY
J. MEREDITH
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLINT INTERNATIONAL



CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 41 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0041
SCALE
AS SHOWN
SHEET NO.
42

REV	DATE	BY	CHK	APP	DESCRIPTION

UTILITIES PLANS

UTILITIES PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1179	UT-C4718	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18720+00 TO 18745+00 - PLAN
1180	UT-C4719	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18745+00 TO 18770+00 - PLAN
1181	UT-C4720	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18770+00 TO 18795+00 - PLAN
1182	UT-C4721	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18795+00 TO 18820+00 - PLAN
1183	UT-C4722	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18820+00 TO 18845+00 - PLAN
1184	UT-C4723	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18845+00 TO 18870+00 - PLAN
1185	UT-C4724	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18870+00 TO 18895+00 - PLAN
1186	UT-C4725	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18895+00 TO 18920+00 - PLAN
1187	UT-C4726	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18920+00 TO 18945+00 - PLAN
1188	UT-C4727	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18945+00 TO 18970+00 - PLAN
1189	UT-C4728	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18970+00 TO 18995+00 - PLAN
1190	UT-C4729	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 18995+00 TO 19020+00 - PLAN
1191	UT-C4730	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19020+00 TO 19045+00 - PLAN
1192	UT-C4731	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19045+00 TO 19070+00 - PLAN
1193	UT-C4732	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19070+00 TO 19095+00 - PLAN
1194	UT-C4733	REFINED CCNM DESIGN OPTION - COMPOSITE UTILITY PLAN - STA 19095+00 TO 19104+40 - PLAN
1195	UT-C4073	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19085+00 TO 19110+00
1196	UT-C4074	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19110+00 TO 19135+00
1197	UT-C4075	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19135+00 TO 19160+00
1198	UT-C4076	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19160+00 TO 19185+00
1199	UT-C4077	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19185+00 TO 19210+00
1200	UT-C4078	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19210+00 TO 19235+00
1201	UT-C4079	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19235+00 TO 19260+00
1202	UT-C4080	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 19260+00 TO 19285+00
1203	UT-C4081	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19285+00 TO 19310+00
1204	UT-C4082	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19310+00 TO 19335+00
1205	UT-C4083	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19335+00 TO 19360+00
1206	UT-C4084	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19360+00 TO 19385+00
1207	UT-C4085	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
1208	UT-C4086	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
1209	UT-C4087	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19435+00 TO 19460+00
1210	UT-C4088	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19460+00 TO 19485+00
1211	UT-C4089	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19485+00 TO 19510+00
1212	UT-C4090	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19510+00 TO 19535+00
1213	UT-C4091	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19535+00 TO 19560+00
1214	UT-C4092	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19560+00 TO 19585+00
1215	UT-C4093	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19585+00 TO 19610+00
1216	UT-C4094	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19610+00 TO 19635+00
1217	UT-C4095	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19635+00 TO 19660+00
1218	UT-C4096	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19660+00 TO 19685+00
1219	UT-C4097	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19685+00 TO 19710+00
1220	UT-C4098	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19710+00 TO 19735+00
1221	UT-C4099	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19735+00 TO 19760+00
1222	UT-C4100	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19760+00 TO 19785+00
1223	UT-C4101	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19785+00 TO 19810+00
1224	UT-C4102	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19810+00 TO 19835+00
1225	UT-C4103	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19835+00 TO 19860+00
1226	UT-C4104	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19860+00 TO 19885+00
1227	UT-C4105	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19885+00 TO 19910+00
1228	UT-C4106	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19910+00 TO 19935+00
1229	UT-C4107	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19935+00 TO 19960+00
1230	UT-C4108	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19960+00 TO 19985+00
1231	UT-C4109	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19985+00 TO 20010+00
1232	UT-C4110	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 20010+00 TO 20035+00
1233	UT-C4111	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20035+00 TO 20060+00
1234	UT-C4112	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20060+00 TO 20085+00
1235	UT-C4113	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20085+00 TO 20110+00
1236	UT-C4114	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20110+00 TO 20135+00
1237	UT-C4115	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20135+00 TO 20160+00
1238	UT-C4116	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20160+00 TO 20185+00
1239	UT-C4117	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20185+00 TO 20210+00

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1240	UT-C4118	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20210+00 TO 20235+00
1241	UT-C4119	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20235+00 TO 20260+00
1242	UT-C4120	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20260+00 TO 20285+00
1243	UT-C4121	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20285+00 TO 20310+00
1244	UT-C4122	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20310+00 TO 20335+00
1245	UT-C4123	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20335+00 TO 20360+00
1246	UT-C4124	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20360+00 TO 20385+00
1247	UT-C4125	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20385+00 TO 20410+00
1248	UT-C4126	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20410+00 TO 20435+00
1249	UT-C4127	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20435+00 TO 20460+00
1250	UT-C4128	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20460+00 TO 20485+00
1251	UT-C4129	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20485+00 TO 20510+00
1252	UT-C4130	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20510+00 TO 20535+00
1253	UT-C4131	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20535+00 TO 20560+00
1254	UT-C4132	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20560+00 TO 20585+00
1255	UT-C4133	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20585+00 TO 20610+00
1256	UT-C4134	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20610+00 TO 20635+00
1257	UT-C4135	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20635+00 TO 20660+00
1258	UT-C4136	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20660+00 TO 20685+00
1259	UT-C4137	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20685+00 TO 20710+00
1260	UT-C4138	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20710+00 TO 20735+00
1261	UT-C4139	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20735+00 TO 20760+00
1262	UT-C4140	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20760+00 TO 20785+00
1263	UT-C4141	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20785+00 TO 20810+00
1264	UT-C4142	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20810+00 TO 20835+00
1265	UT-C4143	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20835+00 TO 20860+00
1266	UT-C4144	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20860+00 TO 20885+00
1267	UT-C4145	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20885+00 TO 20910+00
1268	UT-C4146	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
1269	UT-C4147	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
1270	UT-C4148	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
1271	UT-C4149	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20985+00 TO 21010+00
1272	UT-C4150	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
1273	UT-C4151	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21035+00 TO 21060+00
1274	UT-C4152	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
1275	UT-C4153	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21085+00 TO 21110+00
1276	UT-C4154	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1277	UT-C4155	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21135+00 TO 21160+00
1278	UT-C4156	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21160+00 TO 21185+00
1279	UT-C4157	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21185+00 TO 21210+00
1280	UT-C4158	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21210+00 TO 21235+00
1281	UT-C4159	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 19460+00 TO 19485+00
1282	UT-C4201	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20785+00 TO 20810+00
1283	UT-C4202	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20785+00 TO 20810+00
1284	UT-C4203	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20835+00 TO 20885+00
1285	UT-C4204	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20835+00 TO 20885+00
1286	UT-C4205	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20835+00 TO 20885+00
1287	UT-C4206	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
1288	UT-C4207	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
1289	UT-C4208	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
1290	UT-C4209	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20910+00 TO 20935+00
1291	UT-C4210	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
1292	UT-C4211	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
1293	UT-C4212	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20935+00 TO 20960+00
1294	UT-C4213	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
1295	UT-C4214	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
1296	UT-C4215	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
1297	UT-C4216	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 20960+00 TO 20985+00
1298	UT-C4217	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
1299	UT-C4218	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
1300	UT-C4219	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CARSON
 DRAWN BY
J. MEREDITH
 CHECKED BY
S. LANDOLT
 IN CHARGE
G. CAMPBELL
 DATE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 PREFERRED ALTERNATIVE
 GENERAL
 INDEX OF DRAWINGS
 SHEET 42 OF 49

CONTRACT NO.
HSR13-44
 DRAWING NO.
GE-B0042
 SCALE
AS SHOWN
 SHEET NO.
43

UTILITIES PLANS

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1301	UT-C4220	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
1302	UT-C4221	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
1303	UT-C4222	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21010+00 TO 21035+00
1304	UT-C4223	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21035+00 TO 21060+00
1305	UT-C4224	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
1306	UT-C4225	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
1307	UT-C4226	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
1308	UT-C4227	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
1309	UT-C4228	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21060+00 TO 21085+00
1310	UT-C4229	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21085+00 TO 21110+00
1311	UT-C4230	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1312	UT-C4231	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1313	UT-C4232	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1314	UT-C4233	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1315	UT-C4234	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1316	UT-C4235	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1317	UT-C4236	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1318	UT-C4237	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21110+00 TO 21135+00
1319	UT-C4238	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21135+00 TO 21160+00
1320	UT-C4239	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21135+00 TO 21160+00
1321	UT-C4240	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21160+00 TO 21185+00
1322	UT-C4241	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21160+00 TO 21185+00
1323	UT-C4242	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21185+00 TO 21210+00
1324	UT-C4243	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21185+00 TO 21210+00
1325	UT-C4244	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - STA 21210+00 TO 21235+00
1326	UT-C4251	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17360+00 TO 17385+00
1327	UT-C4252	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17385+00 TO 17410+00
1328	UT-C4253	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17385+00 TO 17410+00
1329	UT-C4254	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17510+00 TO 17535+00
1330	UT-C4255	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17560+00 TO 17585+00
1331	UT-C4256	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17585+00 TO 17610+00
1332	UT-C4257	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17610+00 TO 17635+00
1333	UT-C4258	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17660+00 TO 17685+00
1334	UT-C4259	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,3,5 - STA 17710+00 TO 17735+00
1335	UT-C4261	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
1336	UT-C4262	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
1337	UT-C4263	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19385+00 TO 19410+00
1338	UT-C4264	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
1339	UT-C4265	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
1340	UT-C4266	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19410+00 TO 19435+00
1341	UT-C4267	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19435+00 TO 19460+00
1342	UT-C4268	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19435+00 TO 19460+00
1343	UT-C4269	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19810+00 TO 19835+00
1344	UT-C4270	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19835+00 TO 19860+00
1345	UT-C4271	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19860+00 TO 19885+00
1346	UT-C4272	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19885+00 TO 19910+00
1347	UT-C4273	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,5 - STA 19985+00 TO 20010+00
1348	UT-C4274	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20010+00 TO 20035+00
1349	UT-C4275	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3,5 - STA 20035+00 TO 20060+00

SEWER RELOCATION PROFILES

SHEET No.	DRAWING No.	DRAWING DESCRIPTION
1350	UT-D1001	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1351	UT-D1002	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1352	UT-D1003	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1353	UT-D1004	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1354	UT-D1005	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1355	UT-D1006	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1356	UT-D1007	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1357	UT-D1008	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1358	UT-D1009	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES
1359	UT-D1010	COMPOSITE UTILITY PLANS - ALTERNATIVE 1,2,3 - SEWER RELOCATION PROFILES

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DESIGNED BY
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DRAWN BY
J. MEREDITH
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

PREFERRED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 43 OF 49

CONTRACT NO.
HSR13-44
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GE-B0043
SCALE
AS SHOWN
SHEET NO.
44

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 katharine.baker@tylin.com 4/7/2021

GENERAL, TRACK GUIDEWAY

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
1		COVER SHEET - COORDINATION SET GENERAL
2	GE-B0001	INDEX OF DRAWINGS - SHEET 1 OF 3
3	GE-B0002	INDEX OF DRAWINGS - SHEET 2 OF 3
4	GE-B0003	INDEX OF DRAWINGS - SHEET 3 OF 3
5		COVER SHEET - TRACK GUIDEWAY
6	TT-B0001	INDEX OF DRAWINGS
7	TT-B0002	GENERAL NOTES
8	TT-B0003	ABBREVIATIONS AND SYMBOLS SHEET 1
9	TT-B0004	ABBREVIATIONS AND SYMBOLS SHEET 2
10	TT-B0005	TRACK GUIDEWAY - KEY MAP SHEET 1
11	TT-B0006	TRACK GUIDEWAY - KEY MAP SHEET 2
12	TT-B0007	TRACK GUIDEWAY - HORIZONTAL ALIGNMENT DATA TABLE
13	TT-B0013	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 6
14	TT-B0014	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 7
15	TT-B0015	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 8
16	TT-B0016	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 9
17	TT-B0017	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 10
18	TT-B0018	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 11
19	TT-B0019	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 12
20	TT-B0020	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 13
21	TT-B0021	TRACK GUIDEWAY - TYPICAL SECTIONS SHEET 14
22	TT-D1035	TRACK GUIDEWAY - STA 6814+00 TO 6828+00 - PLAN AND PROFILE
23	TT-D1036	TRACK GUIDEWAY - STA 6828+00 TO 6842+00 - PLAN AND PROFILE
24	TT-D1037	TRACK GUIDEWAY - STA 6842+00 TO 6856+00 - PLAN AND PROFILE
25	TT-D1038	TRACK GUIDEWAY - STA 6856+00 TO 6870+00 - PLAN AND PROFILE
26	TT-D1039	TRACK GUIDEWAY - STA 6870+00 TO 6884+00 - PLAN AND PROFILE
27	TT-D1040	TRACK GUIDEWAY - STA 6884+00 TO 6912+00 - PLAN AND PROFILE
28	TT-D1041	TRACK GUIDEWAY - STA 6912+00 TO 6940+00 - PLAN AND PROFILE
29	TT-D1042	TRACK GUIDEWAY - STA 6940+00 TO 6968+00 - PLAN AND PROFILE
30	TT-D1043	TRACK GUIDEWAY - STA 6968+00 TO 6996+00 - PLAN AND PROFILE
31	TT-D1044	TRACK GUIDEWAY - STA 6996+00 TO 7024+00 - PLAN AND PROFILE
32	TT-D1045	TRACK GUIDEWAY - STA 7024+00 TO 7052+00 - PLAN AND PROFILE
33	TT-D1046	TRACK GUIDEWAY - STA 7052+00 TO 7080+00 - PLAN AND PROFILE
34	TT-D1047	TRACK GUIDEWAY - STA 7080+00 TO 7101+04 - PLAN AND PROFILE
35	TT-D1048	TRACK GUIDEWAY - STATION TRACKS - STA 0+00 TO 26+00 - PLAN AND PROFILE
36	TT-D1049	TRACK GUIDEWAY - STATION TRACKS - STA 26+00 TO 48+92 - PLAN AND PROFILE
37	TT-D1050	TRACK GUIDEWAY - STATION NB STORAGE TRACK - STA 0+00 TO 19+76 - PLAN AND PROFILE
38	TT-D1051	TRACK GUIDEWAY - STATION SB STORAGE TRACK - STA 0+00 TO 19+71 - PLAN AND PROFILE

ROADWAY, GRADE SEPARATION

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
39		COVER SHEET - ROADWAY
40	CV-B0001	ROADWAY/GRADE SEPARATION - INDEX OF SHEETS
41	CV-B0002	ROADWAY/GRADE SEPARATION - INDEX OF SHEETS
42	CV-B0003	ROADWAY/GRADE SEPARATION - INDEX OF SHEETS
43	CV-B0004	GENERAL - ABBREVIATIONS AND SYMBOLS
44	CV-B0005	GENERAL - ABBREVIATIONS AND SYMBOLS
45	CV-B0006	ROADWAY/GRADE SEPARATION - KEY MAP SHEET 1
46	CV-B0007	ROADWAY/GRADE SEPARATION - KEY MAP SHEET 2
47	CV-B0025	ROADWAY/GRADE SEPARATION - TYPICAL SECTIONS
48	CV-B0035	ROADWAY/GRADE SEPARATION - TYPICAL SECTIONS
49	CV-B0036	ROADWAY/GRADE SEPARATION - TYPICAL SECTIONS
50	CV-B0037	ROADWAY/GRADE SEPARATION - TYPICAL SECTIONS
51	CV-B0038	ROADWAY/GRADE SEPARATION - TYPICAL SECTIONS
52	CV-B0039	ROADWAY/GRADE SEPARATION - TYPICAL SECTIONS
53	CV-B0040	ROADWAY/GRADE SEPARATION - TYPICAL SECTIONS
54	CV-R1018	ROADWAY LAYOUT - SUMNER STREET
55	CV-R1019	ROADWAY LAYOUT - SUMNER STREET
56	CV-R1020	ROADWAY PROFILE - SUMNER STREET
57	CV-R1021	ROADWAY PROFILE - SUMNER STREET
58	CV-R1022	ROADWAY PROFILE - SUMNER STREET
59	CV-R1023	ROADWAY PROFILE - SUMNER STREET
60	CV-R1024	ROADWAY LAYOUT - EDISON HIGHWAY
61	CV-R1025	ROADWAY LAYOUT - EDISON HIGHWAY
62	CV-R1026	ROADWAY LAYOUT - EDISON HIGHWAY
63	CV-R1027	ROADWAY PROFILE - EDISON HIGHWAY
64	CV-R1028	ROADWAY PROFILE - EDISON HIGHWAY
65	CV-R1029	ROADWAY PROFILE - EDISON HIGHWAY
66	CV-T1041	GRADE SEPARATION LAYOUT - STATION ROADWAY
67	CV-T1042	GRADE SEPARATION LAYOUT - STATION ROADWAY
68	CV-T1043	GRADE SEPARATION PROFILE - STATION ROADWAY
69	CV-T1044	GRADE SEPARATION PROFILE - STATION ROADWAY
70	CV-T1045	GRADE SEPARATION PROFILE - STATION ROADWAY
71	CV-T1046	GRADE SEPARATION PROFILE - 32ND STREET
72	CV-T1049	GRADE SEPARATION PROFILE - GOLDEN STATE AVENUE SOUTH FRONTAGE
73	CV-T1050	GRADE SEPARATION LAYOUT - 34TH STREET
74	CV-T1051	GRADE SEPARATION PROFILE - 34TH STREET
75	CV-T1052	GRADE SEPARATION PROFILE - CHESTER AVENUE
76	CV-T1053	GRADE SEPARATION PROFILE - K STREET

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DESIGNED BY
K. BAKER
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J. MEREDITH
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G. CAMPBELL
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CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
 LOCALLY GENERATED ALTERNATIVE
 GENERAL
 INDEX OF DRAWINGS
 SHEET 44 OF 49

CONTRACT NO.
HSR13-44
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ROADWAY STRUCTURES, ELEVATED STRUCTURES

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
77	CV-T7012	TRACK STRUCTURES/ROADWAY - DRAFT GENERAL PLAN - CHESTER AVE UC
78	CV-T7013	TRACK STRUCTURES/ROADWAY - DRAFT SECTIONS - CHESTER AVE UC
79	CV-T7018	TRACK STRUCTURES/ROADWAY - DRAFT GENERAL PLAN - 34TH STREET
80		COVER SHEET - ELEVATED STRUCTURES
81	ST-B0001	INDEX OF DRAWINGS
82	ST-B0002	GENERAL NOTES AND LEGEND
83	ST-B0003	KEY MAP - SHEET 1 OF 3
84	ST-B0004	KEY MAP - SHEET 2 OF 3
85	ST-B0005	KEY MAP - SHEET 3 OF 3
86	ST-B0006	TYPICAL - SECTION SHEET 1 OF 9
87	ST-B0007	TYPICAL - SECTION SHEET 2 OF 9
88	ST-B0008	TYPICAL - SECTION SHEET 3 OF 9
89	ST-B0009	TYPICAL - SECTION SHEET 4 OF 9
90	ST-B0010	TYPICAL - SECTION SHEET 5 OF 9
91	ST-B0011	TYPICAL - SECTION SHEET 6 OF 9
92	ST-B0012	TYPICAL - SECTION SHEET 7 OF 9
93	ST-B0013	BAKERSFIELD HST VIADUCT - STATION 6842+00 TO 6852+00 - PLAN AND ELEVATION
94	ST-B0014	TYPICAL - SECTION SHEET 9 OF 9
95	ST-J1027	BAKERSFIELD HST VIADUCT - STATION 6822+00 TO 6832+00 - PLAN AND ELEVATION
96	ST-J1028	BAKERSFIELD HST VIADUCT - STATION 6832+00 TO 6842+00 - PLAN AND ELEVATION
97	ST-J1029	BAKERSFIELD HST VIADUCT - STATION 6842+00 TO 6852+00 - PLAN AND ELEVATION
98	ST-J1030	BAKERSFIELD HST VIADUCT - STATION 6852+00 TO 6862+00 - PLAN AND ELEVATION
99	ST-J1031	BAKERSFIELD HST VIADUCT - STATION 6862+00 TO 6872+00 - PLAN AND ELEVATION
100	ST-J1032	BAKERSFIELD HST VIADUCT - STATION 6872+00 TO 6882+00 - PLAN AND ELEVATION
101	ST-J1033	BAKERSFIELD HST VIADUCT - STATION 6882+00 TO 6892+00 - PLAN AND ELEVATION
102	ST-J1034	BAKERSFIELD HST VIADUCT - STATION 6892+00 TO 6902+00 - PLAN AND ELEVATION
103	ST-J1035	BAKERSFIELD HST VIADUCT - STATION 6902+00 TO 6912+00 - PLAN AND ELEVATION
104	ST-J1036	BAKERSFIELD HST VIADUCT - STATION 6912+00 TO 6922+00 - PLAN AND ELEVATION
105	ST-J1037	BAKERSFIELD HST VIADUCT - STATION 6922+00 TO 6932+00 - PLAN AND ELEVATION
106	ST-J1038	BAKERSFIELD HST VIADUCT - STATION 6932+00 TO 6942+00 - PLAN AND ELEVATION
107	ST-J1039	BAKERSFIELD HST VIADUCT - STATION 6942+00 TO 6952+00 - PLAN AND ELEVATION
108	ST-J1040	BAKERSFIELD HST VIADUCT - STATION 6952+00 TO 6962+00 - PLAN AND ELEVATION
109	ST-J1041	BAKERSFIELD HST VIADUCT - STATION 6962+00 TO 6972+00 - PLAN AND ELEVATION
110	ST-J1042	BAKERSFIELD HST VIADUCT - STATION 6972+00 TO 6982+00 - PLAN AND ELEVATION
111	ST-J1043	BAKERSFIELD HST VIADUCT - STATION 6982+00 TO 6992+00 - PLAN AND ELEVATION

ELEVATED STRUCTURES, STATION PLANS, SYSTEMS

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
112	ST-J1044	BAKERSFIELD HST VIADUCT - STATION 6992+00 TO 7002+00 - PLAN AND ELEVATION
113	ST-J1045	BAKERSFIELD HST VIADUCT - STATION 7002+00 TO 7012+00 - PLAN AND ELEVATION
114	ST-J1046	BAKERSFIELD HST VIADUCT - STATION 7012+00 TO 7022+00 - PLAN AND ELEVATION
115	ST-J1047	BAKERSFIELD HST VIADUCT - STATION 7022+00 TO 7032+00 - PLAN AND ELEVATION
116	ST-J1048	BAKERSFIELD HST VIADUCT - STATION 7032+00 TO 7042+00 - PLAN AND ELEVATION
117	ST-J1049	BAKERSFIELD HST VIADUCT - STATION 7042+00 TO 7052+00 - PLAN AND ELEVATION
118	ST-J1050	BAKERSFIELD HST VIADUCT - STATION 7052+00 TO 7062+00 - PLAN AND ELEVATION
119	ST-J1051	BAKERSFIELD HST VIADUCT - STATION 7062+00 TO 7072+00 - PLAN AND ELEVATION
120	ST-J1052	BAKERSFIELD HST VIADUCT - STATION 7072+00 TO 7082+00 - PLAN AND ELEVATION
121	ST-J1053	BAKERSFIELD HST VIADUCT - STATION 7082+00 TO 7092+00 - PLAN AND ELEVATION
122	ST-J1054	BAKERSFIELD HST VIADUCT - STATION 7092+00 TO 7102+00 - PLAN AND ELEVATION
123		COVER SHEET - STATION PLANS
124	G00-01	BAKERSFIELD F STREET STATION - INDEX OF DRAWINGS
125	A0001	BAKERSFIELD F STREET STATION - ARCHITECTURAL ABBREVIATIONS SYMBOLS AND GENERAL NOTES
126	A1801	BAKERSFIELD F STREET STATION - SITE CONTEXT ROOF PLAN
127	A1802	BAKERSFIELD F STREET STATION - STATION SITE PLAN
128	A1810	BAKERSFIELD F STREET STATION - PLAZA AND TRANSIT CENTER KEY PLAN
129	A1811	BAKERSFIELD F STREET STATION - CONCOURSE KEY PLAN
130	A1812	BAKERSFIELD F STREET STATION - MEZZANINE KEY PLAN
131	A1813	BAKERSFIELD F STREET STATION - PLATFORM LEVEL KEY PLAN
132	A1814	BAKERSFIELD F STREET STATION - CONCOURSE FLOOR PLAN-MAIN ENTRANCE
133	A1815	BAKERSFIELD F STREET STATION - MEZZANINE FLOOR PLAN-MAIN ENTRANCE
134	A1816	BAKERSFIELD F STREET STATION - PLATFORM FLOOR PLAN-MAIN ENTRANCE
135	A1817	BAKERSFIELD F STREET STATION - CONCOURSE FLOOR PLAN-SECONDARY ENTRANCE
136	A1818	BAKERSFIELD F STREET STATION - MEZZANINE FLOOR PLAN-SECONDARY ENTRANCE
137	A3801	BAKERSFIELD F STREET STATION - LONGITUDINAL SECTION
138	A3802	BAKERSFIELD F STREET STATION - BUILDING SECTION & ELEVATION
139	A6801	BAKERSFIELD F STREET STATION - ROOM SCHEDULE
140	A9801	BAKERSFIELD F STREET STATION - AXONOMETRIC VIEW
141	A9802	BAKERSFIELD F STREET STATION - PRESPECTIVE VIEWS
142	A9803	BAKERSFIELD F STREET STATION - AERIAL VIEW
143		COVER SHEET - TRACTION POWER AND TRAIN CONTROL PLANS
144	TP-B0001	TRACTION POWER, COMMUNICATIONS SYSTEM, AND AUTOMATIC TRAIN CONTROL SITE PLANS - INDEX OF DRAWINGS
145	TP-B0002	TRACTION POWER, COMMUNICATIONS SYSTEM, AND AUTOMATIC TRAIN CONTROL SITE PLANS - KEY MAP
146	TP-B0003	TRACTION POWER, COMMUNICATIONS SYSTEM, AND AUTOMATIC TRAIN CONTROL SITE PLANS - KEY MAP
147	TP-C6001	SYSTEMS FACILITIES SCHEMATIC PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
DRAWN BY
J. MEREDITH
CHECKED BY
S. LANDOLT
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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**CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD**
LOCALLY GENERATED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 45 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0045
SCALE
NO SCALE
SHEET NO.
46

RAILWAY SYSTEMS, UTILITIES

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
148	TP-04005-A	TRACTION POWER SITE PLAN - SUBSTATION A - OPTIONS 1 AND 2
149	TP-04005-B	TRACTION POWER SITE PLAN - SUBSTATION A - HIGH VOLTAGE UTILITY SWITCHING STATION
150	TC-F5005-B	AUTOMATIC TRAIN CONTROL SITE PLAN - INTERLOCKING SITES AT 6824+25 AND 6824+75
151	TC-F4006-A	AUTOMATIC TRAIN CONTROL SITE PLAN - INTERLOCKING SITE AT 6848+00
152	TC-F4006-B	AUTOMATIC TRAIN CONTROL SITE PLAN - INTERLOCKING SITES AT 6865+00, 6867+00, AND 6876+00
153	TC-F4007	AUTOMATIC TRAIN CONTROL SITE PLAN - INTERLOCKING SITES AT 6984+20, 6998+50
154	TC-F4008	AUTOMATIC TRAIN CONTROL SITE PLAN - INTERLOCKING SITE AT 7010+80
155		COVER SHEET - UTILITIES
156	UT-B0001	UTILITIES - COMPOSITE UTILITY PLAN - INDEX OF DRAWINGS & UTILITY OWNER ABBREVIATIONS
157	UT-B0002	UTILITIES - COMPOSITE UTILITY PLAN - LEGEND, SYMBOLS, ABBREVIATIONS & NOTES
158	UT-B0003	UTILITIES - COMPOSITE UTILITY PLAN - KEY MAP (SHEET 1 OF 2)
159	UT-B0004	UTILITIES - COMPOSITE UTILITY PLAN - KEY MAP (SHEET 2 OF 2)
160	UT-B0005	UTILITIES - COMPOSITE UTILITY PLAN - UTILITY CROSSING CLEARANCES AT GRADE
161	UT-C1035	UTILITIES - COMPOSITE UTILITY PLAN - STA 6814+00 TO 6842+00
162	UT-C1036	UTILITIES - COMPOSITE UTILITY PLAN - STA 6842+00 TO 6870+00
163	UT-C1037	UTILITIES - COMPOSITE UTILITY PLAN - STA 6870+00 TO 6898+00
164	UT-C1038	UTILITIES - COMPOSITE UTILITY PLAN - STA 6898+00 TO 6926+00
165	UT-C1039	UTILITIES - COMPOSITE UTILITY PLAN - STA 6926+00 TO 6954+00
166	UT-C1040	UTILITIES - COMPOSITE UTILITY PLAN - STA 6954+00 TO 6982+00
167	UT-C1041	UTILITIES - COMPOSITE UTILITY PLAN - STA 6982+00 TO 7010+00
168	UT-C1042	UTILITIES - COMPOSITE UTILITY PLAN - STA 7010+00 TO 7038+00
169	UT-C1043	UTILITIES - COMPOSITE UTILITY PLAN - STA 7038+00 TO 7066+00
170	UT-C1044	UTILITIES - COMPOSITE UTILITY PLAN - STA 7066+00 TO 7094+00
171	UT-C1045	UTILITIES - COMPOSITE UTILITY PLAN - STA 7094+00 TO 7100+00
172	UT-C1506	UTILITIES - COMPOSITE UTILITY PLAN - F STREET
173	UT-C1507	UTILITIES - COMPOSITE UTILITY PLAN - 34TH STREET
174	UT-Y4505	UTILITIES - COMPOSITE UTILITY PLAN - HH&D FACILITY SCHEDULE

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CALIFORNIA HIGH-SPEED RAIL PROJECT
FRESNO TO BAKERSFIELD
LOCALLY GENERATED ALTERNATIVE
GENERAL
INDEX OF DRAWINGS
SHEET 46 OF 49

CONTRACT NO.
HSR13-44
DRAWING NO.
GE-B0046
SCALE
NO SCALE
SHEET NO.
47

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 katharine.baker@tylin.com 4/7/2021

GENERAL, TRACK, ROADWAY

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
1		COVER SHEET - PALMDALE SUBSECTION COORDINATION SET
2	GE-B0001	INDEX OF DRAWINGS - SHEET 1 OF 3
3	GE-B0002	INDEX OF DRAWINGS - SHEET 2 OF 3
4	GE-B0003	INDEX OF DRAWINGS - SHEET 3 OF 3
5		COVER SHEET - TRACK
6	TT-B0001-PLM	GENERAL INDEX OF DRAWINGS
7	TT-B0002-PLM	GENERAL ABBREVIATIONS
8	TT-B0003-PLM	GENERAL ABBREVIATIONS AND LEGEND
9	TT-C6001A-PLM	HIGH SPEED RAIL PLANS - KEY MAP 1 OF 3
10	TT-C6002-PLM	HIGH SPEED RAIL PLANS - KEY MAP 2 OF 3
11	TT-C6003-PLM	HIGH SPEED RAIL PLANS - KEY MAP 3 OF 3
12	TT-D1001A-PLM	PLAN AND PROFILE - STA 100+00.00 TO STA 115+00.00
13	TT-D1001AA-PLM	PLAN AND PROFILE - STA 100+00.00 TO STA 115+00.00
14	TT-D1002A-PLM	PLAN AND PROFILE - STA 115+00.00 TO STA 140+00.00
15	TT-D1003A-PLM	PLAN AND PROFILE - STA 140+00.00 TO STA 165+00.00
16	TT-D1004A-PLM	PLAN AND PROFILE - STA 165+00.00 TO STA 190+00.00
17	TT-D1005A-PLM	PLAN AND PROFILE - STA 190+00.00 TO STA 215+00.00
18	TT-D1006A-PLM	PLAN AND PROFILE - STA 215+00.00 TO STA 240+00.00
19	TT-D1007A-PLM	PLAN AND PROFILE - STA 240+00.00 TO STA 270+00.00
20	TT-D1008A-PLM	PLAN AND PROFILE - STA 270+00.00 TO STA 296+82.67
21	TT-D1008-PLM	SB PLATFORM TRACK - PLAN AND PROFILE - STA 3000+00.00 TO STA 3015+00.00
22	TT-D1009-PLM	SB PLATFORM TRACK - PLAN AND PROFILE - STA 3015+00.00 TO STA 3040+00.00
23	TT-D1010-PLM	SB PLATFORM TRACK - PLAN AND PROFILE - STA 3040+00.00 TO STA 3065+00.00
24	TT-D1011-PLM	SB PLATFORM TRACK - PLAN AND PROFILE - STA 3065+00.00 TO STA 3090+00.00
25	TT-D1012-PLM	SB PLATFORM TRACK - PLAN AND PROFILE - STA 3090+00.00 TO STA 3092+82.93
26	TT-D1013-PLM	NB PLATFORM TRACK - PLAN AND PROFILE - STA 4000+00.00 TO STA 4015+00.00
27	TT-D1014-PLM	NB PLATFORM TRACK - PLAN AND PROFILE - STA 4015+00.00 TO STA 4040+00.00
28	TT-D1015-PLM	NB PLATFORM TRACK - PLAN AND PROFILE - STA 4040+00.00 TO STA 4065+00.00
29	TT-D1016-PLM	NB PLATFORM TRACK - PLAN AND PROFILE - STA 4065+00.00 TO STA 4090+00.00
30	TT-D1017-PLM	NB PLATFORM TRACK - PLAN AND PROFILE - STA 4090+00.00 TO STA 4092+82.93
31	TT-D1018-PLM	SB REFUGE TRACK - PLAN AND PROFILE - STA 5000+00.00 TO STA 5019+00.18
32	TT-D1019-PLM	NB REFUGE TRACK - PLAN AND PROFILE - STA 6000+00.00 TO STA 6017+70.11
33	TT-D1020-PLM	SB LMF TRACK - PLAN AND PROFILE - STA 7000+00.00 TO STA 7020+00.00
34	TT-D1021-PLM	SB LMF TRACK - PLAN AND PROFILE - STA 7020+00.00 TO STA 7045+00.00
35	TT-D1022-PLM	SB LMF TRACK - PLAN AND PROFILE - STA 7045+00.00 TO STA 7068+36.07
36	TT-D1023-PLM	NB LMF TRACK - PLAN AND PROFILE - STA 8000+00.00 TO STA 8020+00.00
37	TT-D1024-PLM	NB LMF TRACK - PLAN AND PROFILE - STA 8020+00.00 TO STA 8045+00.00
38	TT-D1025-PLM	NB LMF TRACK - PLAN AND PROFILE - STA 8045+00.00 TO STA 8068+48.26
39	TT-D1026-PLM	SCRRA TRACK REALIGNMENT - SIERRA HWY - PLAN AND PROFILE - STA 3681+00 TO 3659+00

TRACK, ROADWAY

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
40	TT-D1027-PLM	SCRRA TRACK - PLAN AND PROFILE - STA 3655+00 TO 3630+00
41	TT-D1028-PLM	SCRRA TRACK - PLAN AND PROFILE - STA 3630+00 TO 3605+00
42	TT-D1029-PLM	SCRRA TRACK - PLAN AND PROFILE - STA 3605+00 TO 3580+00
43	TT-D1030-PLM	UPRR TRACK - PLAN AND PROFILE - STA 3695+81 TO 3680+00
44	TT-D1031-PLM	UPRR TRACK - PLAN AND PROFILE - STA 3680+00 TO 3655+00
45	TT-D1032-PLM	UPRR TRACK - PLAN AND PROFILE - STA 3655+00 TO 3630+00
46	TT-D1033-PLM	UPRR TRACK - PLAN AND PROFILE - STA 3630+00 TO 3605+00
47	TT-D3001-PLM	TYPICAL SECTIONS - SECTION 1
48	TT-D3002-PLM	TYPICAL SECTIONS - SECTION 2
49	TT-D3003-PLM	TYPICAL SECTIONS - SECTION 3
50	TT-D3004-PLM	TYPICAL SECTIONS - SECTION 4
51	TT-D3005-PLM	TYPICAL SECTIONS - SECTION 5
52	TT-D3006-PLM	TYPICAL SECTIONS - SECTION 6
53	TT-D3007-PLM	TYPICAL SECTIONS - SECTION 7
54	TT-D3008-PLM	TYPICAL SECTIONS - SECTION 8
55	TT-D3009-PLM	TYPICAL SECTIONS - SECTION 9
56	TT-D3010-PLM	TYPICAL SECTIONS - SECTION 10
57	TT-D3011-PLM	TYPICAL SECTIONS - SECTION 11
58	TT-D3012-PLM	TYPICAL SECTIONS - SECTION 12
59	TT-D3013-PLM	TYPICAL SECTIONS - SECTION 13
60	TT-D3014-PLM	TYPICAL SECTIONS - SECTION 2A
61		COVER SHEET - ROADWAY
62	CV-B0001-PLM	ROADWAY AND GRADE SEPARATION PLANS - INDEX SHEETS
63	CV-B0002-PLM	ROADWAY AND GRADE SEPARATION PLANS - KEY MAP
64	GE-C0001-PLM	ROADWAY AND GRADE SEPARATION PLANS - ABBREVIATIONS
65	GE-C0002-PLM	ROADWAY AND GRADE SEPARATION PLANS - ABBREVIATIONS AND LEGEND
66	CV-R4001-PLM	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 1 OF 7
67	CV-R4002-PLM	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 2 OF 7
68	CV-R4003-PLM	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 3 OF 7
69	CV-R4004-PLM	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 4 OF 7
70	CV-R4005-PLM	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 5 OF 7
71	CV-R4006-PLM	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 6 OF 7
72	CV-R4007-PLM	ROADWAY PLAN - SIERRA HIGHWAY - SHEET 7 OF 7
73	CV-R4008-PLM	ROADWAY PLAN - EAST PALMDALE BOULEVARD (ROUTE 138) - SHEET 1 OF 2
74	CV-R4009-PLM	ROADWAY PLAN - EAST PALMDALE BOULEVARD (ROUTE 138) - SHEET 2 OF 2
75	CV-R4010-PLM	ROADWAY PLAN - FIFTH STREET EAST - SHEET 1 OF 5
76	CV-R4011-PLM	ROADWAY PLAN - FIFTH STREET EAST - SHEET 2 OF 5
77	CV-R4012-PLM	ROADWAY PLAN - FIFTH STREET EAST - SHEET 3 OF 5
78	CV-R4013-PLM	ROADWAY PLAN - FIFTH STREET EAST - SHEET 4 OF 5

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CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 PALMDALE SUBSECTION
 GENERAL
 INDEX OF DRAWINGS
 SHEET 47 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0047
 SCALE
 NO SCALE
 SHEET NO.
 48

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ROADWAY

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
79	CV-R4014-PLM	ROADWAY PLAN - FIFTH STREET EAST - SHEET 5 OF 5
80	CV-R4015-PLM	ROADWAY PLAN - SIXTH STREET EAST AND FIFTH PLACE EAST - SHEET 1 OF 2
81	CV-R4016-PLM	ROADWAY PLAN - SIXTH STREET EAST AND FIFTH PLACE EAST - SHEET 2 OF 2
82	CV-R4017-PLM	ROADWAY PLAN - SIERRA HIGHWAY AND E 10TH STREET
83	CV-T4004-PLM	GRADE SEPARATION PLAN - EAST AVENUE R - SHEET 1 OF 3
84	CV-T4005-PLM	GRADE SEPARATION PLAN - EAST AVENUE R - SHEET 2 OF 3
85	CV-T4006-PLM	GRADE SEPARATION PLAN - EAST AVENUE R - SHEET 3 OF 3
86	CV-T4007-PLM	GRADE SEPARATION PLAN - AVENUE Q - SHEET 1 OF 2
87	CV-T4008-PLM	GRADE SEPARATION PLAN - AVENUE Q - SHEET 2 OF 2
88	CV-R1001-PLM	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 1 OF 7
89	CV-R1002-PLM	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 2 OF 7
90	CV-R1003-PLM	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 3 OF 7
91	CV-R1004-PLM	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 4 OF 7
92	CV-R1005-PLM	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 5 OF 7
93	CV-R1006-PLM	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 6 OF 7
94	CV-R1007-PLM	ROADWAY PROFILE - SIERRA HIGHWAY - SHEET 7 OF 7
95	CV-R1008-PLM	ROADWAY PROFILE - EAST PALMDALE BOULEVARD (ROUTE 138) - SHEET 1 OF 2
96	CV-R1009-PLM	ROADWAY PROFILE - EAST PALMDALE BOULEVARD (ROUTE 138) - SHEET 2 OF 2
97	CV-R1010-PLM	ROADWAY PROFILE - EAST AVENUE O AND EAST AVENUE Q 7
98	CV-R1011-PLM	ROADWAY PROFILE - FIFTH STREET EAST AND FIFTH PLACE EAST - SHEET 1 OF 5
99	CV-R1012-PLM	ROADWAY PROFILE - FIFTH STREET EAST AND FIFTH PLACE EAST - SHEET 2 OF 5
100	CV-R1013-PLM	ROADWAY PROFILE - FIFTH STREET EAST AND FIFTH PLACE EAST - SHEET 3 OF 5
101	CV-R1014-PLM	ROADWAY PROFILE - FIFTH STREET EAST AND FIFTH PLACE EAST - SHEET 4 OF 5
102	CV-R1015-PLM	ROADWAY PROFILE - FIFTH STREET EAST AND FIFTH PLACE EAST - SHEET 5 OF 5
103	CV-R1016-PLM	ROADWAY PROFILE - E AVENUE Q 9 AND E AVENUE Q 12
104	CV-R1017-PLM	ROADWAY PROFILE - SIXTH STREET - SHEET 1 OF 2
105	CV-R1018-PLM	ROADWAY PROFILE - SIXTH STREET - SHEET 2 OF 2
106	CV-R1019-PLM	ROADWAY PROFILE - SHERIFF DRIVEWAYS - SHEET 1 OF 2
107	CV-R1020-PLM	ROADWAY PROFILE - SHERIFF DRIVEWAYS - SHEET 2 OF 2
108	CV-T1004-PLM	GRADE SEPARATION PROFILE - EAST AVENUE R - SHEET 1 OF 3
109	CV-T1005-PLM	GRADE SEPARATION PROFILE - EAST AVENUE R - SHEET 2 OF 3
110	CV-T1006-PLM	GRADE SEPARATION PROFILE - EAST AVENUE R - SHEET 3 OF 3
111	CV-T1007-PLM	GRADE SEPARATION PROFILE - EAST AVENUE Q
112	CV-R3001-PLM	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 1 OF 2
113	CV-R3001A-PLM	TYPICAL SECTIONS - SIERRA HIGHWAY - SHEET 2 OF 2
114	CV-R3002-PLM	TYPICAL SECTIONS - EAST AVENUE O
115	CV-R3003-PLM	TYPICAL SECTIONS - FIFTH STREET EAST
116	CV-R3004-PLM	TYPICAL SECTIONS - E AVENUE Q 9, E AVENUE Q 12 AND FIFTH PLACE EAST

ROADWAY, CONSTRUCTION STAGING, STATION PLANS, STRUCTURES

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
117	CV-R3005-PLM	TYPICAL SECTIONS - SIXTH STREET EAST
118	CV-R3006-PLM	TYPICAL SECTIONS - SHERIFF DRIVEWAYS 1, 2 AND 3
119	CV-R3007-PLM	TYPICAL SECTIONS - SIERRA HIGHWAY AND E 10TH STREET
120	CV-T3001-PLM	TYPICAL SECTIONS - EAST PALMDALE BOULEVARD (ROUTE 138)
121	CV-T3002-PLM	TYPICAL SECTIONS - EAST AVENUE R
122	CV-T3003-PLM	TYPICAL SECTIONS - EAST AVENUE Q
123		COVER SHEET - CONSTRUCTION STAGING
124	CV-I0001-PLM	GENERAL INDEX OF DRAWINGS
125	CV-I4001-PLM	GENERAL VIEW CONSTRUCTION STAGING
126	CV-I4002-PLM	PALMDALE BLVD UNDERPASS CONSTRUCTION STAGING
127		COVER SHEET - STATION AREA PLANS
128		PALMDALE STATION AREA PLANS - TABLE OF CONTENTS
129	Page 1	PALMDALE STATION GENERAL SITE PLAN
130	Page 2	PALMDALE STATION DETAILED SITE PLAN
131	Page 3	PALMDALE STATION CROSS SECTION - WEST-EAST SITE SECTION LOOKING NORTH
132	Page 4	PALMDALE STATION MASSING MODEL - PERSPECTIVE A
133	Page 5	PALMDALE STATION MASSING MODEL - PERSPECTIVE B
134	Page 6	PALMDALE STATION MASSING MODEL - PERSPECTIVE C
135	Page 7	PALMDALE STATION MASSING MODEL - PERSPECTIVE D
136	Page 8	PALMDALE STATION PROGRAMMING & AREA REQUIREMENTS TABLE
137	Page 9	PALMDALE STATION FACILITY SIZING TABLE
138	Page 10	PALMDALE STATION FACILITY SIZING TABLE
139	Page 11	PALMDALE STATION FACILITY SIZING TABLE
140		COVER SHEET - BRIDGES AND ELEVATED STRUCTURES
141	ST-B0001-PLM	GENERAL - BRIDGES AND ELEVATED STRUCTURES - INDEX OF DRAWINGS
142	ST-B0002-PLM	GENERAL - BRIDGES AND ELEVATED STRUCTURES - ABBREVIATIONS
143	ST-B0003-PLM	GENERAL - BRIDGES AND ELEVATED STRUCTURES - ABBREVIATIONS AND LEGEND
144	ST-B0004-PLM	GENERAL - FAULT KEY MAP FOR STRUCTURES
145	ST-J1001-PLM	LMF NB RAIL CROSSING VIADUCT - GENERAL PLAN
146	ST-J1002-PLM	SIERRA HWY UNDERPASS (SB PLATFORM TRACK) VIADUCT - GENERAL PLAN
147	ST-J1003-PLM	SIERRA HWY UNDERPASS (MAIN TRACKS) VIADUCT - GENERAL PLAN
148	ST-J1004-PLM	SIERRA HWY UNDERPASS (NB PLATFORM TRACK) VIADUCT - GENERAL PLAN
149	ST-J1005-PLM	AVENUE Q UNDERPASS (SB PLATFORM TRACK) - GENERAL PLAN
150	ST-J1006-PLM	AVENUE Q UNDERPASS (MAIN TRACK) - GENERAL PLAN
151	ST-J1007-PLM	AVENUE Q UNDERPASS (NB PLATFORM TRACK) - GENERAL PLAN
152	ST-J1008-PLM	PALMDALE BOULEVARD UNDERPASS (SB PLATFORM TRACK) - GENERAL PLAN
153	ST-J1009-PLM	PALMDALE BOULEVARD UNDERPASS (MAIN TRACK) - GENERAL PLAN
154	ST-J1010-PLM	PALMDALE BOULEVARD UNDERPASS (NB PLATFORM TRACK) - GENERAL PLAN

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STRUCTURES, GRADING AND DRAINAGE, UTILITIES

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
155	ST-J1201-PLM	SIERRA HIGHWAY UNDERPASS (SCRRA) - GENERAL PLAN
156	ST-J1202-PLM	SIERRA HIGHWAY UNDERPASS (UPRR) - GENERAL PLAN
157	ST-J1203-PLM	AVENUE Q UNDERPASS (SCRRA TRACK 2) - GENERAL PLAN
158	ST-J1204-PLM	AVENUE Q UNDERPASS (SCRRA TRACK 1) - GENERAL PLAN
159	ST-J1205-PLM	AVENUE Q UNDERPASS (UPRR) - GENERAL PLAN
160	ST-J1206-PLM	PALMDALE BOULEVARD UNDERPASS (SCRRA TRACK 2) - GENERAL PLAN
161	ST-J1207-PLM	PALMDALE BOULEVARD UNDERPASS (SCRRA TRACK 1) - GENERAL PLAN
162	ST-J1208-PLM	PALMDALE BOULEVARD UNDERPASS (UPRR) - GENERAL PLAN
163	ST-J1401-PLM	AVENUE R OVERHEAD - GENERAL PLAN
164		COVER SHEET - GRADING AND DRAINAGE PLANS
165	CV-B0001-PLM	GRADING AND DRAINAGE PLAN - INDEX OF DRAWINGS
166	CV-B0002-PLM	GRADING AND DRAINAGE PLAN - ABBREVIATIONS
167	CV-B0003-PLM	GRADING AND DRAINAGE PLAN - ABBREVIATIONS AND LEGEND
168	CV-B0004-PLM	GRADING AND DRAINAGE PLAN - KEY MAP
169	CV-G4001-PLM	GRADING AND DRAINAGE PLAN
170	CV-G4002-PLM	GRADING AND DRAINAGE PLAN
171	CV-G4003-PLM	GRADING AND DRAINAGE PLAN
172	CV-G4004-PLM	GRADING AND DRAINAGE PLAN
173	CV-G4005-PLM	GRADING AND DRAINAGE PLAN
174	CV-G4006-PLM	GRADING AND DRAINAGE PLAN
175	CV-G4007-PLM	GRADING AND DRAINAGE PLAN
176	CV-G4008-PLM	GRADING AND DRAINAGE PLAN
177	CV-G4100-PLM	GRADING AND DRAINAGE PLAN
178	CV-G4101-PLM	GRADING AND DRAINAGE PLAN
179	CV-G4102-PLM	GRADING AND DRAINAGE PLAN
180	CV-G4103-PLM	GRADING AND DRAINAGE PLAN
181	CV-G4104-PLM	GRADING AND DRAINAGE PLAN
182	CV-G4105-PLM	GRADING AND DRAINAGE PLAN
183		COVER SHEET - UTILITY RELOCATION PLANS
184	UT-B0001-PLM	RELOCATION UTILITY PLANS - INDEX OF DRAWINGS
185	UT-B0002-PLM	RELOCATION UTILITY PLANS - ABBREVIATIONS AND LEGEND
186	UT-B0003-PLM	RELOCATION UTILITY PLANS - KEY MAP
187	UT-C4001-PLM	RELOCATION UTILITY PLANS - STA 100+00 TO STA 120+00
188	UT-C4002-PLM	RELOCATION UTILITY PLANS - STA 120+00 TO STA 145+00

UTILITIES, RAILWAY SYSTEMS

SHEET NO.	DRAWING NO.	DRAWING DESCRIPTION
189	UT-C4003-PLM	RELOCATION UTILITY PLANS - STA 145+00 TO STA 170+00
190	UT-C4004-PLM	RELOCATION UTILITY PLANS - STA 170+00 TO STA 195+00
191	UT-C4005-PLM	RELOCATION UTILITY PLANS - STA 195+00 TO STA 220+00
192	UT-C4006-PLM	RELOCATION UTILITY PLANS - STA 220+00 TO STA 245+00
193	UT-C4007-PLM	RELOCATION UTILITY PLANS - STA 245+00 TO STA 270+00
194	UT-C4008-PLM	RELOCATION UTILITY PLANS - STA 270+00 TO STA 296+82.67
195	UT-C4501-PLM	RELOCATION UTILITY PLANS - RANCHO VISTA BLVD 1 OF 4
196	UT-C4502-PLM	RELOCATION UTILITY PLANS - RANCHO VISTA BLVD 2 OF 4
197	UT-C4503-PLM	RELOCATION UTILITY PLANS - RANCHO VISTA BLVD 3 OF 4
198	UT-C4504-PLM	RELOCATION UTILITY PLANS - RANCHO VISTA BLVD 4 OF 4
199	UT-C4505-PLM	RELOCATION UTILITY PLANS - TECHNOLOGY DRIVE
200	UT-C4506-PLM	RELOCATION UTILITY PLANS - PALMDALE BLVD 1 OF 2
201	UT-C4507-PLM	RELOCATION UTILITY PLANS - PALMDALE BLVD 2 OF 2
202	UT-C4508-PLM	RELOCATION UTILITY PLANS - EAST AVE R 1 OF 3
203	UT-C4509-PLM	RELOCATION UTILITY PLANS - EAST AVE R 2 OF 3
204	UT-C4510-PLM	RELOCATION UTILITY PLANS - EAST AVE R 3 OF 3
205	UT-C4511-PLM	RELOCATION UTILITY PLANS - AVE Q 1 OF 2
206	UT-C4512-PLM	RELOCATION UTILITY PLANS - AVE Q 2 OF 2
207		COVER SHEET - RAILWAY SYSTEMS
208	TP-B0001	GENERAL - INDEX OF DRAWINGS
209	TP-B0002	GENERAL - ABBREVIATIONS
210	TP-B0003	GENERAL - ABBREVIATIONS AND LEGEND
211	TP-D0001-14A	ALIGNMENT "SR14A" - TRACTION POWER FACILITIES - LOCATION LAYOUT
212	TP-B6001-PLM	TRACTION POWER FACILITIES - KEY MAP
213	TC-F4005-PLM	TRAIN CONTROL SYSTEM - STANDALONE RADIO SITE 1
214	TP-O4001-PLM	TRACTION POWER FACILITIES - PARALLELING STATION 1
215	TC-E6001	TRAIN CONTROL SYSTEM - INTERLOCKING SITES - PALMDALE STATION
216	TC-B6001-PLM	TRAIN CONTROL SYSTEM - KEY MAP
217	TC-F4001-PLM	TRAIN CONTROL SYSTEM - INTERLOCKING SITES STA 132+00 TO STA 145+00
218	TC-F4002-PLM	TRAIN CONTROL SYSTEM - INTERLOCKING SITES STA 153+00 TO STA 165+00
219	TC-F4003-PLM	TRAIN CONTROL SYSTEM - INTERLOCKING SITES STA 251+00 TO STA 266+00
220	TC-F4004-PLM	TRAIN CONTROL SYSTEM - INTERLOCKING SITES STA 266+00 TO STA 276+00

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
K. BAKER
 DRAWN BY
J. MEREDITH
 CHECKED BY
S. LANDOLT
 IN CHARGE
G. CAMPBELL
 DATE
03/30/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
PALMDALE TO BURBANK
 PALMDALE SUBSECTION
 GENERAL
 INDEX OF DRAWINGS
 SHEET 49 OF 49

CONTRACT NO.
 HSR13-44
 DRAWING NO.
 GE-B0049
 SCALE
 NO SCALE
 SHEET NO.
 50