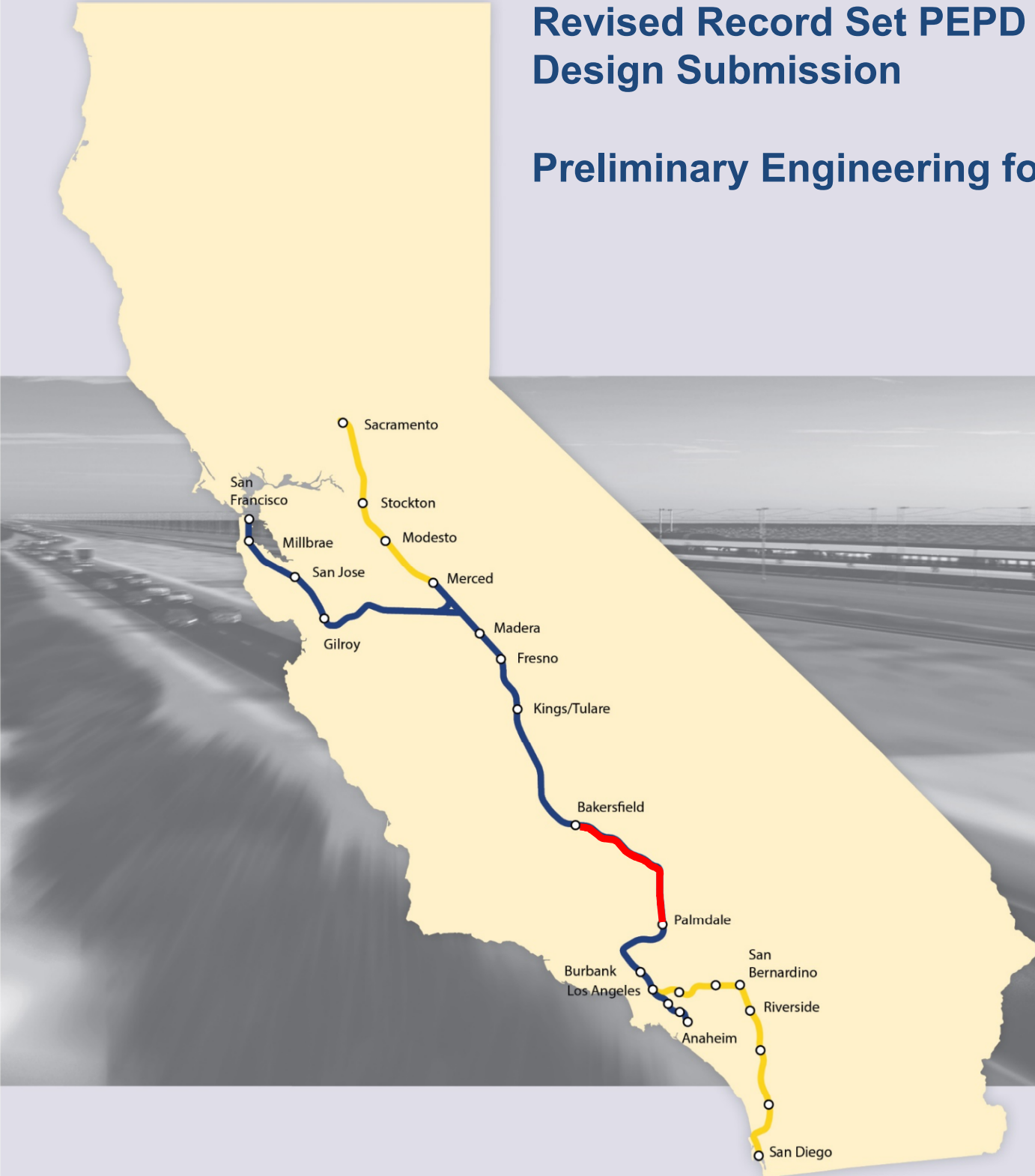


# Bakersfield to Palmdale

Revised Record Set PEPD  
Design Submission

Preliminary Engineering for Project Definition – October 2017



# GENERAL SHEETS

DRAWING No.	DRAWING DESCRIPTION
	COVER SHEET
GE-B0001	GENERAL - INDEX OF DRAWINGS - SHEET 1 OF 25
GE-B0002	TRACK - INDEX OF DRAWINGS - SHEET 2 OF 25
GE-B0003	TRACK - INDEX OF DRAWINGS - SHEET 3 OF 25
GE-B0004	ROADWAY - INDEX OF DRAWINGS - SHEET 4 OF 25
GE-B0005	ROADWAY - INDEX OF DRAWINGS - SHEET 5 OF 25
GE-B0006	ROADWAY - INDEX OF DRAWINGS - SHEET 6 OF 25
GE-B0007	CONSTRUCTION SEQUENCING - INDEX OF DRAWINGS - SHEET 7 OF 25
GE-B0008	GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 8 OF 25
GE-B0009	GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 9 OF 25
GE-B0010	GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 10 OF 25
GE-B0011	GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 11 OF 25
GE-B0012	GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 12 OF 25
GE-B0013	GRADING, DRAINAGE AND RETAINING WALLS - INDEX OF DRAWINGS - SHEET 13 OF 25
GE-B0014	TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS - SHEET 14 OF 25
GE-B0015	TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS - SHEET 15 OF 25
GE-B0016	TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS - SHEET 16 OF 25
GE-B0017	MAINTENANCE OF WAY - INDEX OF DRAWINGS - SHEET 17 OF 25
GE-B0018	COMMUNICATIONS - INDEX OF DRAWINGS - SHEET 18 OF 25
GE-B0019	TRACTION POWER - INDEX OF DRAWINGS - SHEET 19 OF 25
GE-B0020	TRAIN CONTROL - INDEX OF DRAWINGS - SHEET 20 OF 25
GE-B0021	TUNNEL - INDEX OF DRAWINGS - SHEET 21 OF 25
GE-B0022	UTILITIES - INDEX OF DRAWINGS - SHEET 22 OF 25
GE-B0023	UTILITIES - INDEX OF DRAWINGS - SHEET 23 OF 25
GE-B0024	UTILITIES - INDEX OF DRAWINGS - SHEET 24 OF 25
GE-B0025	UTILITIES - INDEX OF DRAWINGS - SHEET 25 OF 25

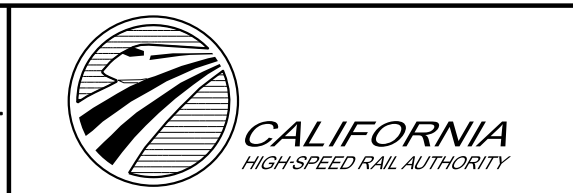
Projects\701206.00\_CHSRBP\00\_CADD\Working Files\j.m Meredith\WI\BP-GE-B0001  
 5:21:08 PM  
 1/30/2020  
 j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
 DRAWN BY  
**J. MEREDITH**  
 CHECKED BY  
**G. CAMPBELL**  
 IN CHARGE  
**S. SMITH**  
 DATE  
**10/31/2017**

**RECORD  
 PEPD SUBMITTAL**  
  
**NOT FOR  
 CONSTRUCTION**

**TYLIN INTERNATIONAL**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
 BAKERSFIELD TO PALMDALE**  
 ALTERNATIVE 1,2,3,5  
 GENERAL  
 INDEX OF DRAWING  
 SHEET 1 OF 25

CONTRACT NO.  
 HSR13-44  
 DRAWING NO.  
 GE-B0001  
 SCALE  
 AS SHOWN  
 SHEET NO.



### TRACK ALIGNMENT PLAN AND PROFILE

DRAWING No.	DRAWING DESCRIPTION
TT-D1075	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20585+00 TO 20635+00 - PLAN AND PROFILE
TT-D1076	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20635+00 TO 20685+00 - PLAN AND PROFILE
TT-D1077	ALTERNATIVE 1,2,3,5 - TRACK GUIDEWAY - STA 20685+00 TO 20735+00 - PLAN AND PROFILE
TT-D1078	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20735+00 TO 20785+00 - PLAN AND PROFILE
TT-D1079	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20785+00 TO 20835+00 - PLAN AND PROFILE
TT-D1080	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20835+00 TO 20860+00 - PLAN AND PROFILE
TT-D1081	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20860+00 TO 20885+00 - PLAN AND PROFILE
TT-D1082	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20885+00 TO 20910+00 - PLAN AND PROFILE
TT-D1083	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20910+00 TO 20935+00 - PLAN AND PROFILE
TT-D1084	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20935+00 TO 20960+00 - PLAN AND PROFILE
TT-D1085	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20960+00 TO 20985+00 - PLAN AND PROFILE
TT-D1086	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 20985+00 TO 21010+00 - PLAN AND PROFILE
TT-D1087	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21010+00 TO 21035+00 - PLAN AND PROFILE
TT-D1088	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21035+00 TO 21060+00 - PLAN AND PROFILE
TT-D1089	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21060+00 TO 21085+00 - PLAN AND PROFILE
TT-D1090	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21085+00 TO 21110+00 - PLAN AND PROFILE
TT-D1091	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21110+00 TO 21135+00 - PLAN AND PROFILE
TT-D1092	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21135+00 TO 21185+00 - PLAN AND PROFILE
TT-D1093	ALTERNATIVE 1,2,3 - TRACK GUIDEWAY - STA 21185+00 TO 21235+00 - PLAN AND PROFILE
TT-D1101	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17285+00 TO 17310+00 - PLAN AND PROFILE
TT-D1102	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17310+00 TO 17335+00 - PLAN AND PROFILE
TT-D1103	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17335+00 TO 17360+00 - PLAN AND PROFILE
TT-D1104	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17360+00 TO 17385+00 - PLAN AND PROFILE
TT-D1105	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17385+00 TO 17410+00 - PLAN AND PROFILE
TT-D1106	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17410+00 TO 17435+00 - PLAN AND PROFILE
TT-D1107	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17435+00 TO 17460+00 - PLAN AND PROFILE
TT-D1108	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17460+00 TO 17485+00 - PLAN AND PROFILE
TT-D1109	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17485+00 TO 17510+00 - PLAN AND PROFILE
TT-D1110	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17510+00 TO 17535+00 - PLAN AND PROFILE
TT-D1111	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17535+00 TO 17585+00 - PLAN AND PROFILE
TT-D1112	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17585+00 TO 17635+00 - PLAN AND PROFILE
TT-D1113	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17635+00 TO 17685+00 - PLAN AND PROFILE
TT-D1114	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17685+00 TO 17735+00 - PLAN AND PROFILE
TT-D1115	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17735+00 TO 17785+00 - PLAN AND PROFILE
TT-D1116	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17785+00 TO 17835+00 - PLAN AND PROFILE
TT-D1117	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17835+00 TO 17885+00 - PLAN AND PROFILE
TT-D1118	ALTERNATIVE 2 - TRACK GUIDEWAY - STA 17885+00 TO 17908+22.06 - PLAN AND PROFILE
TT-D1120	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19285+00 TO 19335+00 - PLAN AND PROFILE
TT-D1121	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19335+00 TO 19385+00 - PLAN AND PROFILE
TT-D1122	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19385+00 TO 19435+00 - PLAN AND PROFILE
TT-D1123	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19435+00 TO 19485+00 - PLAN AND PROFILE
TT-D1124	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19485+00 TO 19535+00 - PLAN AND PROFILE
TT-D1125	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19535+00 TO 19585+00 - PLAN AND PROFILE
TT-D1126	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19585+00 TO 19635+00 - PLAN AND PROFILE
TT-D1127	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19635+00 TO 19685+00 - PLAN AND PROFILE
TT-D1128	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19685+00 TO 19735+00 - PLAN AND PROFILE
TT-D1129	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19735+00 TO 19785+00 - PLAN AND PROFILE
TT-D1130	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19785+00 TO 19835+00 - PLAN AND PROFILE
TT-D1131	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19835+00 TO 19885+00 - PLAN AND PROFILE
TT-D1132	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19885+00 TO 19935+00 - PLAN AND PROFILE
TT-D1133	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19935+00 TO 19985+00 - PLAN AND PROFILE
TT-D1134	ALTERNATIVE 3 - TRACK GUIDEWAY - STA 19985+00 TO 20035+00 - PLAN AND PROFILE
TT-D1201	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20685+00 TO 20735+00 - PLAN AND PROFILE
TT-D1202	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20735+00 TO 20785+00 - PLAN AND PROFILE
TT-D1203	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20785+00 TO 20835+00 - PLAN AND PROFILE
TT-D1204	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20835+00 TO 20860+00 - PLAN AND PROFILE
TT-D1205	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20860+00 TO 20885+00 - PLAN AND PROFILE
TT-D1206	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20885+00 TO 20910+00 - PLAN AND PROFILE
TT-D1207	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20910+00 TO 20935+00 - PLAN AND PROFILE
TT-D1208	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20935+00 TO 20960+00 - PLAN AND PROFILE

### ALIGNMENT PLAN AND PROFILE

DRAWING No.	DRAWING DESCRIPTION
TT-D1209	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20960+00 TO 20985+00 - PLAN AND PROFILE
TT-D1210	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 20985+00 TO 21010+00 - PLAN AND PROFILE
TT-D1211	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21010+00 TO 21035+00 - PLAN AND PROFILE
TT-D1212	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21035+00 TO 21060+00 - PLAN AND PROFILE
TT-D1213	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21060+00 TO 21085+00 - PLAN AND PROFILE
TT-D1214	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21085+00 TO 21110+00 - PLAN AND PROFILE
TT-D1215	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21110+00 TO 21135+00 - PLAN AND PROFILE
TT-D1216	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21135+00 TO 21185+00 - PLAN AND PROFILE
TT-D1217	ALTERNATIVE 5 - TRACK GUIDEWAY - STA 21185+00 TO 21235+00 - PLAN AND PROFILE
TT-D1221	ALTERNATIVE B-3 - ALTERNATIVE 1,3,5 TIE IN - TRACK GUIDEWAY - STA 17285+00 TO 17310+00 - PLAN AND PROFILE
TT-D1222	ALTERNATIVE B-3 - ALTERNATIVE 1,3,5 TIE IN - TRACK GUIDEWAY - STA 17310+00 TO 17335+00 - PLAN AND PROFILE
TT-D1223	ALTERNATIVE B-3 - ALTERNATIVE 1,3,5 TIE IN - TRACK GUIDEWAY - STA 17335+00 TO 17360+00 - PLAN AND PROFILE
TT-D1224	ALTERNATIVE B-3 - ALTERNATIVE 1,3,5 TIE IN - TRACK GUIDEWAY - STA 17360+00 TO 17370+41.55 - PLAN AND PROFILE
TT-D1225	ALTERNATIVE B-3 - ALTERNATIVE 2 TIE IN - TRACK GUIDEWAY - STA 17285+00 TO 17310+00 - PLAN AND PROFILE
TT-D1226	ALTERNATIVE B-3 - ALTERNATIVE 2 TIE IN - TRACK GUIDEWAY - STA 17310+00 TO 17335+00 - PLAN AND PROFILE
TT-D1227	ALTERNATIVE B-3 - ALTERNATIVE 2 TIE IN - TRACK GUIDEWAY - STA 17335+00 TO 17360+00 - PLAN AND PROFILE
TT-D1228	ALTERNATIVE B-3 - ALTERNATIVE 2 TIE IN - TRACK GUIDEWAY - STA 17360+00 TO 17370+41.55 - PLAN AND PROFILE
TT-D1230	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 10+00 TO 35+00 - PLAN AND PROFILE
TT-D1231	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 35+00 TO 60+00 - PLAN AND PROFILE
TT-D1232	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 60+00 TO 85+00 - PLAN AND PROFILE
TT-D1233	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 85+00 TO 110+00 - PLAN AND PROFILE
TT-D1234	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 110+00 TO 135+00 - PLAN AND PROFILE
TT-D1235	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 135+00 TO 160+00 - PLAN AND PROFILE
TT-D1236	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 160+00 TO 185+00 - PLAN AND PROFILE
TT-D1237	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 185+00 TO 210+00 - PLAN AND PROFILE
TT-D1238	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 210+00 TO 235+00 - PLAN AND PROFILE
TT-D1239	ALTERNATIVE 1,2,3 - UPRR RELOCATION - STA 235+00 TO 243+78.47 - PLAN AND PROFILE
TT-D1250	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 10+00 TO 35+00 - PLAN AND PROFILE
TT-D1251	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 35+00 TO 60+00 - PLAN AND PROFILE
TT-D1252	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 60+00 TO 85+00 - PLAN AND PROFILE
TT-D1253	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 85+00 TO 110+00 - PLAN AND PROFILE
TT-D1254	ALTERNATIVE 1,2,3 - METROLINK RELOCATION - STA 110+00 TO 120+32.03 - PLAN AND PROFILE

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\j.m. Meredith\11-13-11\B-0003 5:20:01 PM 1/30/2020 j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**  
  
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 3 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0003  
SCALE  
AS SHOWN  
SHEET NO.

### ROADWAY GENERAL

DRAWING No.	DRAWING DESCRIPTION
CV-A0001	ALTERNATIVE 1,2,3,5 - GENERAL - TITLE SHEET
CV-B0002	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 1 OF 3
CV-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 2 OF 3
CV-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - INDEX OF DRAWING - SHEET 3 OF 3
CV-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 1 OF 3
CV-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 2 OF 3
CV-B0007	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS - SHEET 3 OF 3
CV-B0008	ALTERNATIVE 1,2,3,5 - GENERAL - SYMBOLS, LEGEND, AND GENERAL NOTES
CV-B3001	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3005	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3006	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3007	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3008	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3009	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3010	ALTERNATIVE 1,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3011	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3051	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3053	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3054	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3055	ALTERNATIVE 1,2,5 - GENERAL - TYPICAL SECTIONS
CV-B3056	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3100	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3101	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3102	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3107	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3108	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3109	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3110	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3111	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3113	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3114	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3115	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3116	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3117	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3118	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3119	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3120	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3121	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3122	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3123	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3124	ALTERNATIVE 1,2,3 - GENERAL - TYPICAL SECTIONS
CV-B3125	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3126	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3151	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS
CV-B3501	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3502	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3503	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3504	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3508	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3509	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3510	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3511	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3512	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3514	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3515	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3516	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3517	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS

### GENERAL

DRAWING No.	DRAWING DESCRIPTION
CV-B3518	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3519	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3520	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3521	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3522	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3523	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3524	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-B3527	ALTERNATIVE 5 - GENERAL - TYPICAL SECTIONS
CV-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
CV-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
CV-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
CV-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
CV-C6005	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 1 OF 2
CV-C6006	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 2 OF 2
CV-C6007	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 1 OF 2
CV-C6008	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 2 OF 2

### ROADWAY

DRAWING No.	DRAWING DESCRIPTION
CV-R1000	ALTERNATIVE 1,2,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
CV-R1001	ALTERNATIVE 1,2,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
CV-R1002	ALTERNATIVE 1,2,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
CV-R1003	ALTERNATIVE 1,2,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
CV-R1004	ALTERNATIVE 1,2,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
CV-R1005	ALTERNATIVE 1,2,3,5 - ROADWAY - EDISON HIGHWAY - PLAN AND PROFILE
CV-R1006	ALTERNATIVE 1,2,3,5 - ROADWAY - MORNING DRIVE - PLAN
CV-R1007	ALTERNATIVE 1,2,3,5 - ROADWAY - MORNING DRIVE - PROFILE
CV-R1008	ALTERNATIVE 1,2,3,5 - ROADWAY - MORNING DRIVE/ EDISON HIGHWAY RAMPS - PROFILE
CV-R1009	ALTERNATIVE 1,3,5 - ROADWAY - BRUNDAGE ROAD - PLAN AND PROFILE
CV-R1010	ALTERNATIVE 1,3,5 - ROADWAY - VINELAND ROAD - PLAN AND PROFILE
CV-R1011	ALTERNATIVE 1,3,5 - ROADWAY - VINELAND ROAD - PLAN AND PROFILE
CV-R1012	ALTERNATIVE 1,3,5 - ROADWAY - EDISON ROAD - PLAN AND PROFILE
CV-R1013	ALTERNATIVE 1,3,5 - ROADWAY - EDISON ROAD - PLAN AND PROFILE
CV-R1025	ALTERNATIVE 1,3,5 - ROADWAY - MALAGA ROAD - PLAN AND PROFILE
CV-R1026	ALTERNATIVE 1,3,5 - ROADWAY - MALAGA ROAD - PLAN AND PROFILE
CV-R1030	ALTERNATIVE 1,3,5 - ROADWAY - COMANCHE DRIVE - PLAN AND PROFILE
CV-R1031	ALTERNATIVE 1,3,5 - ROADWAY - COMANCHE DRIVE - PLAN AND PROFILE
CV-R1055	ALTERNATIVE 1,3,5 - ROADWAY - TEJON HIGHWAY - PLAN AND PROFILE
CV-R1056	ALTERNATIVE 1,3,5 - ROADWAY - TEJON HIGHWAY - PLAN AND PROFILE
CV-R1060	ALTERNATIVE 1,3,5 - ROADWAY - TOWERLINE ROAD - PLAN AND PROFILE
CV-R1061	ALTERNATIVE 1,3,5 - ROADWAY - TOWERLINE ROAD - PLAN AND PROFILE
CV-R1065	ALTERNATIVE 1,3,5 - ROADWAY - NEUMARKEL ROAD - PLAN AND PROFILE
CV-R1068	ALTERNATIVE 1,2,3,5 - ROADWAY - GENERAL BEALE ROAD - PLAN AND PROFILE
CV-R1068A	ALTERNATIVE 1,2,3,5 - ROADWAY - GENERAL BEALE ROAD - PLAN AND PROFILE
CV-R1069	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18125+00 - PLAN AND PROFILE
CV-R1070	ALTERNATIVE 1,2,3,5 - ROADWAY - CALIENTE BODFISH ROAD - PLAN AND PROFILE
CV-R1070A	ALTERNATIVE 1,2,3,5 - ROADWAY - CALIENTE BODFISH ROAD - PLAN AND PROFILE
CV-R1071	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18206+00 - PLAN AND PROFILE
CV-R1071A	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18242+00 - PLAN AND PROFILE
CV-R1072	ALTERNATIVE 1,2,3,5 - ROADWAY - BEALVILLE ROAD - PLAN AND PROFILE
CV-R1074	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18495+00 - PLAN AND PROFILE
CV-R1076	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 18700+00 - PLAN AND PROFILE
CV-R1077	ALTERNATIVE 1,2,3,5 - ROADWAY - BURNETT ROAD - PLAN AND PROFILE
CV-R1077A	ALTERNATIVE 1,2,3,5 - ROADWAY - DIRT ROAD 19245+00 - PLAN AND PROFILE
CV-R1078	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN AND PROFILE
CV-R1079	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN AND PROFILE
CV-R1080	ALTERNATIVE 1,2,5 - ROADWAY - TEHACHAPI WILLOW SPRINGS ROAD - PLAN AND PROFILE
CV-R1081	ALTERNATIVE 1,2,5 - ROADWAY - OAK CREEK ROAD - PLAN AND PROFILE

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WI\BP-GE-B0004

5:19:59 PM

1/30/2020

j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 4 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0004  
SCALE  
AS SHOWN  
SHEET NO.



**ROADWAY**

DRAWING No.	DRAWING DESCRIPTION
CV-R1086	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PLAN
CV-R1087	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
CV-R1088	ALTERNATIVE 1,2,5 - ROADWAY - 110TH STREET - PROFILE
CV-R1090A	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PLAN
CV-R1090B	ALTERNATIVE 1,2,5 - ROADWAY - 105TH STREET - PROFILE
CV-R1091A	ALTERNATIVE 1,2,3,5 - ROADWAY - 85TH STREET - PLAN AND PROFILE
CV-R1091B	ALTERNATIVE 1,2,3,5 - ROADWAY - 80TH STREET - PLAN AND PROFILE
CV-R1092	ALTERNATIVE 1,2,3,5 - ROADWAY - 50TH STREET - PLAN AND PROFILE
CV-R1093	ALTERNATIVE 1,2,3,5 - ROADWAY - GASKELL ROAD - PLAN AND PROFILE
CV-R1100	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G - PLAN AND PROFILE
CV-R1101	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G - PLAN AND PROFILE
CV-R1102	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE G ACCESS - PLAN AND PROFILE
CV-R1104	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE H - PLAN AND PROFILE
CV-R1108	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PLAN
CV-R1109	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PLAN
CV-R1110	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
CV-R1111	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
CV-R1111A	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
CV-R1111B	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE I - PROFILE
CV-R1111C	ALTERNATIVE 1,2,3 - ROADWAY - MILLING STREET - PLAN AND PROFILE
CV-R1112	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PLAN
CV-R1113	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PROFILE
CV-R1113A	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE J - PROFILE
CV-R1116	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE K - PLAN AND PROFILE
CV-R1117	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE K - PLAN AND PROFILE
CV-R1117A	ALTERNATIVE 1,2,3 - ROADWAY - DIVISION STREET - PLAN AND PROFILE
CV-R1122	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE L - PLAN AND PROFILE
CV-R1123	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE L - PLAN AND PROFILE
CV-R1124	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
CV-R1125	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
CV-R1125A	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE M - PLAN AND PROFILE
CV-R1126	ALTERNATIVE 1,2,3 - ROADWAY - AVENUE N - PLAN AND PROFILE
CV-R1150	ALTERNATIVE 2 - ROADWAY - TOWERLINE ROAD RAMPS - PLAN AND PROFILE
CV-R1155	ALTERNATIVE 3 - ROADWAY - DIRT ROAD 19690+00 - PLAN AND PROFILE
CV-R1156	ALTERNATIVE 3 - ROADWAY - DIRT ROAD 19690+00 - PLAN AND PROFILE
CV-R1157	ALTERNATIVE 3 - ROADWAY - 110TH STREET - PLAN
CV-R1158	ALTERNATIVE 3 - ROADWAY - 110TH STREET - PROFILE
CV-R1161A	ALTERNATIVE 3 - ROADWAY - 105TH STREET - PLAN
CV-R1161B	ALTERNATIVE 3 - ROADWAY - 105TH STREET - PROFILE
CV-R1170	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19445 - PLAN AND PROFILE
CV-R1171	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19448 - PLAN AND PROFILE
CV-R1172	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19458 - PLAN AND PROFILE
CV-R1173	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19473 - PLAN AND PROFILE
CV-R1174	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19614 - PLAN AND PROFILE
CV-R1174A	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19614 - PLAN AND PROFILE
CV-R1174B	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19614 - PLAN AND PROFILE
CV-R1175	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19727 - PLAN AND PROFILE
CV-R1176	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19756 - PLAN AND PROFILE
CV-R1176A	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19767 - PLAN AND PROFILE
CV-R1177	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19792 - PLAN AND PROFILE
CV-R1178	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19806 - PLAN AND PROFILE
CV-R1179	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19835 - PLAN AND PROFILE
CV-R1180	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19851 - PLAN AND PROFILE
CV-R1181	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19871 - PLAN AND PROFILE
CV-R1182	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19896 - PLAN AND PROFILE
CV-R1183	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19910 - PLAN AND PROFILE
CV-R1184	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19931 - PLAN AND PROFILE
CV-R1185	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19941 - PLAN AND PROFILE
CV-R1186	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD HIGT - PLAN AND PROFILE
CV-R1187	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 19998 - PLAN AND PROFILE

**ROADWAY**

DRAWING No.	DRAWING DESCRIPTION
CV-R1188	ALTERNATIVE 3 - ROADWAY - ACCESS ROAD 20013 - PLAN AND PROFILE
CV-R1200	ALTERNATIVE 5 - ROADWAY - AVENUE G - PLAN AND PROFILE
CV-R1201	ALTERNATIVE 5 - ROADWAY - AVENUE G - PLAN AND PROFILE
CV-R1201A	ALTERNATIVE 5 - ROADWAY - AVENUE G ACCESS - PLAN AND PROFILE
CV-R1202	ALTERNATIVE 5 - ROADWAY - AVENUE H - PLAN AND PROFILE
CV-R1204	ALTERNATIVE 5 - ROADWAY - AVENUE I - PLAN
CV-R1205	ALTERNATIVE 5 - ROADWAY - AVENUE I - PLAN
CV-R1206	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
CV-R1207	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
CV-R1207A	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
CV-R1207B	ALTERNATIVE 5 - ROADWAY - AVENUE I - PROFILE
CV-R1207C	ALTERNATIVE 5 - ROADWAY - MILLING STREET - PLAN AND PROFILE
CV-R1208	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
CV-R1209	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
CV-R1209A	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
CV-R1209B	ALTERNATIVE 5 - ROADWAY - AVENUE J - PLAN AND PROFILE
CV-R1210	ALTERNATIVE 5 - ROADWAY - AVENUE K - PLAN AND PROFILE
CV-R1211	ALTERNATIVE 5 - ROADWAY - DIVISION ST - PLAN AND PROFILE
CV-R1212	ALTERNATIVE 5 - ROADWAY - AVENUE L - PLAN AND PROFILE
CV-R1213	ALTERNATIVE 5 - ROADWAY - AVENUE L - PLAN AND PROFILE
CV-R1214	ALTERNATIVE 5 - ROADWAY - AVENUE M - PLAN AND PROFILE
CV-R1215	ALTERNATIVE 5 - ROADWAY - AVENUE M - PLAN AND PROFILE
CV-R1215A	ALTERNATIVE 5 - ROADWAY - AVENUE M - PLAN AND PROFILE
CV-R1216	ALTERNATIVE 5 - ROADWAY - AVENUE N - PLAN AND PROFILE
CV-R1217	ALTERNATIVE 5 - ROADWAY - ACCESS ROAD 21090 - PLAN AND PROFILE
CV-R1220A	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17440 - PLAN AND PROFILE
CV-R1220B	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17445 - PLAN AND PROFILE
CV-R1220C	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17459 - PLAN AND PROFILE
CV-R1220D	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17517 - PLAN AND PROFILE
CV-R1221	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17597 - PLAN AND PROFILE
CV-R1222	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17712 - PLAN AND PROFILE
CV-R1222A	ALTERNATIVE 1,3,5 - ROADWAY - ACCESS ROAD 17783 AND 17793 - PLAN AND PROFILE
CV-R1223	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 17908 - PLAN AND PROFILE
CV-R1224	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18065 - PLAN AND PROFILE
CV-R1225	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18112 - PLAN AND PROFILE
CV-R1226	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18153 - PLAN AND PROFILE
CV-R1227	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18230 - PLAN AND PROFILE
CV-R1228A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18298 - PLAN AND PROFILE
CV-R1229A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18457 - HORIZONTAL ALIGNMENT DATA TABLE
CV-R1229B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18457 - PLAN AND PROFILE
CV-R1230	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18487 - PLAN AND PROFILE
CV-R1231A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18520 - HORIZONTAL ALIGNMENT DATA TABLE
CV-R1231B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18520 - PLAN AND PROFILE
CV-R1232	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18560 - PLAN AND PROFILE
CV-R1233A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18590 - HORIZONTAL ALIGNMENT DATA TABLE
CV-R1233B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18590 - PLAN AND PROFILE
CV-R1234	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18699 - PLAN AND PROFILE
CV-R1235	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18712 - PLAN AND PROFILE
CV-R1236A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18790 - HORIZONTAL ALIGNMENT DATA TABLE
CV-R1236B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18790 - PLAN AND PROFILE
CV-R1236C	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18790 - PLAN AND PROFILE
CV-R1238A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - HORIZONTAL ALIGNMENT DATA TABLE
CV-R1238B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - PLAN AND PROFILE
CV-R1238C	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - PLAN AND PROFILE
CV-R1238D	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 18908 - PLAN AND PROFILE
CV-R1239	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19052 - PLAN AND PROFILE
CV-R1240	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19106 - PLAN AND PROFILE
CV-R1241	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19144 - PLAN AND PROFILE
CV-R1242	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19165 - PLAN AND PROFILE
CV-R1243	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19220 - PLAN AND PROFILE

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\j.m Meredit\h.w\BP-GE-B0005 5:21:03 PM 1/30/2020 j.m.meredit@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**  
  
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 5 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0005  
SCALE  
AS SHOWN  
SHEET NO.

**ROADWAY**

DRAWING No.	DRAWING DESCRIPTION
CV-R1244	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19248 - PLAN AND PROFILE
CV-R1245A	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19285 - HORIZONTAL ALIGNMENT DATA TABLE
CV-R1245B	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19285 - PLAN AND PROFILE
CV-R1245C	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 19285 - PLAN AND PROFILE
CV-R1247A	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19450 - PLAN AND PROFILE
CV-R1247B	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19458 - PLAN AND PROFILE
CV-R1248	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19478 - PLAN AND PROFILE
CV-R1249	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19647 - PLAN AND PROFILE
CV-R1250	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19668 - PLAN AND PROFILE
CV-R1251	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19676 - PLAN AND PROFILE
CV-R1252	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19755 - PLAN AND PROFILE
CV-R1253	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19799 - PLAN AND PROFILE
CV-R1254	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19845 - PLAN AND PROFILE
CV-R1255	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19874 - PLAN AND PROFILE
CV-R1256	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19886 - PLAN AND PROFILE
CV-R1257	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19915 - PLAN AND PROFILE
CV-R1258	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD HIGT - PLAN AND PROFILE
CV-R1259	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 19945 - PLAN AND PROFILE
CV-R1260	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 20000 - PLAN AND PROFILE
CV-R1261	ALTERNATIVE 1,2,5 - ROADWAY - ACCESS ROAD 20016 - PLAN AND PROFILE
CV-R1262	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20052 - PLAN AND PROFILE
CV-R1263	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD FAVR - PLAN AND PROFILE
CV-R1264	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20084 - PLAN AND PROFILE
CV-R1265	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20091 - PLAN AND PROFILE
CV-R1266	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20245 - PLAN AND PROFILE
CV-R1267	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20253 - PLAN AND PROFILE
CV-R1268	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20276 - PLAN AND PROFILE
CV-R1269	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20284 - PLAN AND PROFILE
CV-R1270	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20317 - PLAN AND PROFILE
CV-R1271	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD WILL - PLAN AND PROFILE
CV-R1272	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20432 - PLAN AND PROFILE
CV-R1273	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20441 - PLAN AND PROFILE
CV-R1274	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20471 - PLAN AND PROFILE
CV-R1275	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20554 - PLAN AND PROFILE
CV-R1276	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20557 - PLAN AND PROFILE
CV-R1277	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20608 - PLAN AND PROFILE
CV-R1278	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20617 - PLAN AND PROFILE
CV-R1279	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20626 - PLAN AND PROFILE
CV-R1280	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20678 - PLAN AND PROFILE
CV-R1281	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 20690 - PLAN AND PROFILE
CV-R1282	ALTERNATIVE 1,2,3 - ROADWAY - ACCESS ROAD 21090 - PLAN AND PROFILE
CV-R1283	ALTERNATIVE 1,2,3,5 - ROADWAY - ACCESS ROAD 21175 - PLAN AND PROFILE
CV-R1400	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1401	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1402	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1403	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1404	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1405	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1406	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1407	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1408	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1409	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1410	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PLAN
CV-R1415	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1416	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1417	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1418	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1419	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1420	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1421	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE

**ROADWAY**

DRAWING No.	DRAWING DESCRIPTION
CV-R1422	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1423	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1424	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1425	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - PROFILE
CV-R1430	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
CV-R1431	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
CV-R1432	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
CV-R1433	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
CV-R1434	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
CV-R1435	ALTERNATIVE 1,3,5 - ROADWAY - STATE ROUTE 58 - RAMPS - PROFILE
CV-R1444	ALTERNATIVE 1,2,3,5 - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
CV-R1445	ALTERNATIVE 1,2,3,5 - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
CV-R1446	ALTERNATIVE 1,2,3,5 - ROADWAY - EASTBOUND STATE ROUTE 58 - PLAN AND PROFILE
CV-R1447	ALTERNATIVE 1,2,3,5 - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
CV-R1448	ALTERNATIVE 1,2,3,5 - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
CV-R1449	ALTERNATIVE 1,2,3,5 - ROADWAY - WESTBOUND STATE ROUTE 58 - PLAN AND PROFILE
CV-R1460	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17448 - PLAN AND PROFILE
CV-R1461	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17461 - PLAN AND PROFILE
CV-R1462	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17561 - PLAN AND PROFILE
CV-R1463	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17575 - PLAN AND PROFILE
CV-R1464	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17585 - PLAN AND PROFILE
CV-R1465	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17670 AND 17685 - PLAN AND PROFILE
CV-R1466	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17739 - PLAN AND PROFILE
CV-R1467	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD NEUM - PLAN AND PROFILE
CV-R1467A	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17787 AND 17791 - PLAN AND PROFILE
CV-R1468	ALTERNATIVE 2 - ROADWAY - ACCESS ROAD 17819 AND 17826 - PLAN AND PROFILE
CV-R1490	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1491	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1492	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1500	ALTERNATIVE 1,2,3 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1501	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1502	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1503	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1504	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1505	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1506	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1507	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1508	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1509	ALTERNATIVE 1,2,3,5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1520	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1521	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1522	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1523	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1524	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1525	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1526	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1527	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1528	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1529	ALTERNATIVE 5 - ROADWAY - SIERRA HIGHWAY - PLAN AND PROFILE
CV-R1551	ALTERNATIVE 1,2,5 - ROADWAY - ROADWAY CLOSURES - PLAN
CV-R1552	ALTERNATIVE 1,2,5 - ROADWAY - ROADWAY CLOSURES - PLAN
CV-R1553	ALTERNATIVE 3 - ROADWAY - ROADWAY CLOSURES - PLAN
CV-R1554	ALTERNATIVE 1,2,3,5 - ROADWAY - ROADWAY CLOSURES - PLAN

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WBP\_GE-B0006

5:20:03 PM

1/30/2020

j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**  
  
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 6 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0006  
SCALE  
AS SHOWN  
SHEET NO.

### CONSTRUCTION SEQUENCE GENERAL

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

### CONSTRUCTION SEQUENCE

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

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WP\_GE-B0007

5:20:13 PM

1/30/2020

j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**

DRAWN BY  
**J. MEREDITH**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**S. SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 7 OF 25

CONTRACT NO.  
HSR13-44

DRAWING NO.  
GE-B0007

SCALE  
AS SHOWN

SHEET NO.



## GRADING AND DRAINAGE GENERAL

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

## GRADING AND DRAINAGE PLAN SHEETS

DRAWING No.	DRAWING DESCRIPTION
CV-G4001	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17285+00 TO 17310+00 - PLAN
CV-G4002	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17310+00 TO 17335+00 - PLAN
CV-G4003	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17335+00 TO 17360+00 - PLAN
CV-G4004	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17360+00 TO 17385+00 - PLAN
CV-G4005	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17385+00 TO 17410+00 - PLAN
CV-G4006	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17410+00 TO 17435+00 - PLAN
CV-G4007	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17435+00 TO 17460+00 - PLAN
CV-G4008	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17460+00 TO 17485+00 - PLAN
CV-G4009	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17485+00 TO 17510+00 - PLAN
CV-G4010	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17510+00 TO 17535+00 - PLAN
CV-G4011	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17535+00 TO 17560+00 - PLAN
CV-G4012	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17560+00 TO 17585+00 - PLAN
CV-G4013	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17585+00 TO 17610+00 - PLAN
CV-G4014	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17610+00 TO 17635+00 - PLAN
CV-G4015	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17635+00 TO 17660+00 - PLAN
CV-G4016	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17660+00 TO 17685+00 - PLAN
CV-G4017	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17685+00 TO 17710+00 - PLAN
CV-G4018	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17710+00 TO 17735+00 - PLAN
CV-G4019	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17735+00 TO 17760+00 - PLAN
CV-G4020	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17760+00 TO 17785+00 - PLAN
CV-G4021	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17785+00 TO 17810+00 - PLAN
CV-G4022	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17810+00 TO 17835+00 - PLAN
CV-G4023	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17835+00 TO 17860+00 - PLAN
CV-G4024	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17860+00 TO 17885+00 - PLAN
CV-G4025	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17885+00 TO 17910+00 - PLAN
CV-G4026	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 17910+00 TO 17935+00 - PLAN
CV-G4027	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 17935+00 TO 17960+00 - PLAN
CV-G4028	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 17960+00 TO 17985+00 - PLAN
CV-G4029	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 17985+00 TO 18010+00 - PLAN
CV-G4030	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18010+00 TO 18035+00 - PLAN
CV-G4031	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18035+00 TO 18060+00 - PLAN
CV-G4032	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18060+00 TO 18085+00 - PLAN
CV-G4033	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18085+00 TO 18110+00 - PLAN
CV-G4034	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18110+00 TO 18135+00 - PLAN
CV-G4035	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18135+00 TO 18160+00 - PLAN
CV-G4036	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18160+00 TO 18185+00 - PLAN
CV-G4037	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18185+00 TO 18210+00 - PLAN
CV-G4038	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18210+00 TO 18235+00 - PLAN
CV-G4039	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18235+00 TO 18260+00 - PLAN
CV-G4040	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18260+00 TO 18285+00 - PLAN
CV-G4041	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18285+00 TO 18310+00 - PLAN
CV-G4042	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18310+00 TO 18335+00 - PLAN
CV-G4043	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18335+00 TO 18360+00 - PLAN
CV-G4044	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18360+00 TO 18385+00 - PLAN
CV-G4045	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18385+00 TO 18410+00 - PLAN
CV-G4046	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18410+00 TO 18435+00 - PLAN
CV-G4047	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18435+00 TO 18460+00 - PLAN
CV-G4048	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18460+00 TO 18485+00 - PLAN
CV-G4049	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18485+00 TO 18510+00 - PLAN
CV-G4050	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18510+00 TO 18535+00 - PLAN
CV-G4051	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18535+00 TO 18560+00 - PLAN
CV-G4052	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18560+00 TO 18585+00 - PLAN
CV-G4053	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18585+00 TO 18610+00 - PLAN
CV-G4054	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18610+00 TO 18635+00 - PLAN
CV-G4055	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18635+00 TO 18660+00 - PLAN
CV-G4056	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18660+00 TO 18685+00 - PLAN
CV-G4057	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18685+00 TO 18710+00 - PLAN
CV-G4058	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18710+00 TO 18735+00 - PLAN
CV-G4059	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18735+00 TO 18760+00 - PLAN

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\h\WP-GE-B0008 5:20:11 PM 1/30/2020 j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>S. LANDOLT</b>
DRAWN BY <b>J. MEREDITH</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>S. SMITH</b>
DATE <b>10/31/2017</b>

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 8 OF 25

CONTRACT NO. HSR13-44
DRAWING NO. GE-B0008
SCALE AS SHOWN
SHEET NO.



**GRADING AND DRAINAGE PLAN SHEETS**

DRAWING No.	DRAWING DESCRIPTION
CV-G4177	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 17907+00 - PLAN
CV-G4178	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 17907+00 - PLAN
CV-G4179	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18154+00 - PLAN
CV-G4180	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18457+00 - PLAN
CV-G4181	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18516+00 - PLAN
CV-G4182	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18516+00 - PLAN
CV-G4183	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18516+00 - PLAN
CV-G4184	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18908+00 - PLAN
CV-G4185	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18908+00 - PLAN
CV-G4186	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 18908+00 - PLAN
CV-G4187	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19284+00 - PLAN
CV-G4188	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19284+00 - PLAN
CV-G4189	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19755+00 - PLAN
CV-G4190	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19755+00 - PLAN
CV-G4191	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19945+00 - PLAN
CV-G4192	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19945+00 - PLAN
CV-G4193	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 20084+00 - PLAN
CV-G4194	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 20084+00 - PLAN
CV-G4195	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 20342+00 - PLAN
CV-G4196	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - ACCESS ROAD STA. 20342+00 - PLAN
CV-G4197	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20806+00 - PLAN
CV-G4198	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20806+00 - PLAN
CV-G4199	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20806+00 - PLAN
CV-G4201	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20861+00 - PLAN
CV-G4202	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20915+00 - PLAN
CV-G4203	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20942+00 - PLAN
CV-G4204	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20915+00 - PLAN
CV-G4205	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20942+00 - PLAN
CV-G4206	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20968+00 - PLAN
CV-G4207	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20968+00 - PLAN
CV-G4208	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 21022+00 - PLAN
CV-G4209	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - ROAD CROSSING STA. 21128+00 - PLAN
CV-G4301	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17285+00 TO 17310+00 - PLAN
CV-G4302	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17310+00 TO 17335+00 - PLAN
CV-G4303	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17335+00 TO 17360+00 - PLAN
CV-G4304	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17360+00 TO 17385+00 - PLAN
CV-G4305	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17385+00 TO 17410+00 - PLAN
CV-G4306	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17410+00 TO 17435+00 - PLAN
CV-G4307	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17435+00 TO 17460+00 - PLAN
CV-G4308	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17460+00 TO 17485+00 - PLAN
CV-G4309	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17485+00 TO 17510+00 - PLAN
CV-G4310	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17510+00 TO 17535+00 - PLAN
CV-G4311	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17535+00 TO 17560+00 - PLAN
CV-G4312	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17560+00 TO 17585+00 - PLAN
CV-G4313	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17585+00 TO 17610+00 - PLAN
CV-G4314	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17610+00 TO 17635+00 - PLAN
CV-G4315	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17635+00 TO 17660+00 - PLAN
CV-G4316	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17660+00 TO 17685+00 - PLAN
CV-G4317	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17685+00 TO 17710+00 - PLAN
CV-G4318	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17710+00 TO 17735+00 - PLAN
CV-G4319	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17735+00 TO 17760+00 - PLAN
CV-G4320	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17760+00 TO 17785+00 - PLAN
CV-G4321	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17785+00 TO 17810+00 - PLAN
CV-G4322	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17810+00 TO 17835+00 - PLAN
CV-G4323	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17835+00 TO 17860+00 - PLAN
CV-G4324	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17860+00 TO 17885+00 - PLAN
CV-G4325	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17885+00 TO 17910+00 - PLAN
CV-G4326	ALTERNATIVE 2 - GRADING AND DRAINAGE - ROAD CROSSING STA. 17397+00 - PLAN
CV-G4327	ALTERNATIVE 2 - GRADING AND DRAINAGE - ROAD CROSSING STA. 17397+00 - PLAN

**GRADING AND DRAINAGE PLAN SHEETS**

DRAWING No.	DRAWING DESCRIPTION
CV-G4328	ALTERNATIVE 2 - GRADING AND DRAINAGE - ACCESS ROAD STA. 17787+00 - PLAN
CV-G4401	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19295+00 TO 19320+00 - PLAN
CV-G4402	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19320+00 TO 19345+00 - PLAN
CV-G4403	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19345+00 TO 19370+00 - PLAN
CV-G4404	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19370+00 TO 19395+00 - PLAN
CV-G4405	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19395+00 TO 19420+00 - PLAN
CV-G4406	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19420+00 TO 19445+00 - PLAN
CV-G4407	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19445+00 TO 19470+00 - PLAN
CV-G4408	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19470+00 TO 19495+00 - PLAN
CV-G4409	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19495+00 TO 19520+00 - PLAN
CV-G4410	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19520+00 TO 19545+00 - PLAN
CV-G4411	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19545+00 TO 19570+00 - PLAN
CV-G4412	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19570+00 TO 19595+00 - PLAN
CV-G4413	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19595+00 TO 19620+00 - PLAN
CV-G4414	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19620+00 TO 19645+00 - PLAN
CV-G4415	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19645+00 TO 19670+00 - PLAN
CV-G4416	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19670+00 TO 19695+00 - PLAN
CV-G4417	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19695+00 TO 19720+00 - PLAN
CV-G4418	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19720+00 TO 19745+00 - PLAN
CV-G4419	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19745+00 TO 19770+00 - PLAN
CV-G4420	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19770+00 TO 19795+00 - PLAN
CV-G4421	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19795+00 TO 19820+00 - PLAN
CV-G4422	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19820+00 TO 19845+00 - PLAN
CV-G4423	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19845+00 TO 19870+00 - PLAN
CV-G4424	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19870+00 TO 19895+00 - PLAN
CV-G4425	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19895+00 TO 19920+00 - PLAN
CV-G4426	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19920+00 TO 19945+00 - PLAN
CV-G4427	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19945+00 TO 19970+00 - PLAN
CV-G4428	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19970+00 TO 19995+00 - PLAN
CV-G4429	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19995+00 TO 20020+00 - PLAN
CV-G4430	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 20020+00 TO 20045+00 - PLAN
CV-G4431	ALTERNATIVE 3 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19640+00 - PLAN
CV-G4432	ALTERNATIVE 3 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19727+00 - PLAN
CV-G4433	ALTERNATIVE 3 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19727+00 - PLAN
CV-G4434	ALTERNATIVE 3 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19727+00 - PLAN
CV-G4435	ALTERNATIVE 3 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19941+00 - PLAN
CV-G4436	ALTERNATIVE 3 - GRADING AND DRAINAGE - ACCESS ROAD STA. 19941+00 - PLAN
CV-G4501	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20720+00 TO 20745+00 - PLAN
CV-G4502	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20745+00 TO 20770+00 - PLAN
CV-G4503	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20770+00 TO 20795+00 - PLAN
CV-G4504	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20795+00 TO 20820+00 - PLAN
CV-G4505	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20820+00 TO 20845+00 - PLAN
CV-G4506	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20845+00 TO 20870+00 - PLAN
CV-G4507	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20870+00 TO 20895+00 - PLAN
CV-G4508	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20895+00 TO 20920+00 - PLAN
CV-G4509	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20920+00 TO 20945+00 - PLAN
CV-G4510	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20945+00 TO 20970+00 - PLAN
CV-G4511	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20970+00 TO 20995+00 - PLAN
CV-G4512	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20995+00 TO 21020+00 - PLAN
CV-G4513	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21020+00 TO 21045+00 - PLAN
CV-G4514	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21045+00 TO 21070+00 - PLAN
CV-G4515	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21070+00 TO 21095+00 - PLAN
CV-G4516	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21095+00 TO 21120+00 - PLAN
CV-G4517	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21120+00 TO 21145+00 - PLAN
CV-G4518	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21145+00 TO 21170+00 - PLAN
CV-G4519	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21170+00 TO 21195+00 - PLAN
CV-G4520	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21195+00 TO 21220+00 - PLAN
CV-G4521	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21220+00 TO 21245+00 - PLAN
CV-G4522	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20995+00 TO 21020+00 - PLAN

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WBP-GE-B0010 5:20:14 PM 1/30/2020 jim.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**  
  
**NOT FOR  
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 10 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0010  
SCALE  
AS SHOWN  
SHEET NO.

# GRADING AND DRAINAGE PLAN SHEETS

DRAWING No.	DRAWING DESCRIPTION
CV-G4523	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21020+00 TO 21045+00 - PLAN
CV-G4524	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21045+00 TO 21070+00 - PLAN
CV-G4525	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21070+00 TO 21095+00 - PLAN
CV-G4526	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21095+00 TO 21120+00 - PLAN
CV-G4527	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21120+00 TO 21145+00 - PLAN
CV-G4528	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21145+00 TO 21170+00 - PLAN
CV-G4529	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21170+00 TO 21195+00 - PLAN
CV-G4530	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21195+00 TO 21220+00 - PLAN
CV-G4531	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21120+00 TO 21145+00 - PLAN
CV-G4532	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21145+00 TO 21170+00 - PLAN
CV-G4533	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 21170+00 TO 21195+00 - PLAN
CV-G4534	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20805+00 - PLAN
CV-G4535	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20805+00 - PLAN
CV-G4536	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20805+00 - PLAN
CV-G4538	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20860+00 - PLAN
CV-G4539	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20915+00 - PLAN
CV-G4540	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20942+00 - PLAN
CV-G4541	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20915+00 - PLAN
CV-G4542	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20942+00 - PLAN
CV-G4543	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20968+00 - PLAN
CV-G4544	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 20968+00 - PLAN
CV-G4545	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 21021+00 - PLAN
CV-G4546	ALTERNATIVE 5 - GRADING AND DRAINAGE - ROAD CROSSING STA. 21128+00 - PLAN

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WI\BP-GE-B0011

5:20:29 PM

1/30/2020

jim.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**

DRAWN BY  
**J. MEREDITH**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**S. SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 11 OF 25

CONTRACT NO.  
HSR13-44

DRAWING NO.  
GE-B0011

SCALE  
AS SHOWN

SHEET NO.

**GRADING AND DRAINAGE PROFILE SHEETS**

DRAWING No.	DRAWING DESCRIPTION
CV-G1001	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17455, 17461 - PROFILE
CV-G1002	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17474, 17520 - PROFILE
CV-G1003	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17528, 17545 - PROFILE
CV-G1004	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17574, 17632 - PROFILE
CV-G1005	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17643, 17679 - PROFILE
CV-G1006	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17777, 17793 - PROFILE
CV-G1007	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17798, 17812 - PROFILE
CV-G1008	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17829, 17833 - PROFILE
CV-G1009	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17872 - PROFILE
CV-G1010	ALTERNATIVE 1,3,5 - GRADING AND DRAINAGE - STA. 17902, 17925 - PROFILE
CV-G1011	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 17939, 17956 - PROFILE
CV-G1012	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 17960, 17969 - PROFILE
CV-G1013	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 17985, 17993 - PROFILE
CV-G1014	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18004, 18010 - PROFILE
CV-G1015	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18019, 18028 - PROFILE
CV-G1016	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18033, 18067 - PROFILE
CV-G1017	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18110, 18113 - PROFILE
CV-G1018	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18115, 18148 - PROFILE
CV-G1019	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18166, 18172 - PROFILE
CV-G1020	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18188 - PROFILE
CV-G1021	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18261, 18268 - PROFILE
CV-G1022	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18304, 18321, 18327 - PROFILE
CV-G1023	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18352, 18427 - PROFILE
CV-G1024	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18431, 18450 - PROFILE
CV-G1025	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18459, 18482 - PROFILE
CV-G1026	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18487, 18492 - PROFILE
CV-G1027	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18497, 18500 - PROFILE
CV-G1028	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18503, 18512 - PROFILE
CV-G1029	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18542, 18548 - PROFILE
CV-G1030	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18552, 18557 - PROFILE
CV-G1031	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18659, 18667 - PROFILE
CV-G1032	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18709, 18713 - PROFILE
CV-G1033	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18751, 18759 - PROFILE
CV-G1034	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18764, 18768 - PROFILE
CV-G1035	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18769, 18777 - PROFILE
CV-G1036	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18779, 18804 - PROFILE
CV-G1037	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18807, 18824 - PROFILE
CV-G1038	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18891, 18898 - PROFILE
CV-G1039	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 18920, 19020 - PROFILE
CV-G1040	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 19030, 19037 - PROFILE
CV-G1041	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 19053, 19060 - PROFILE
CV-G1042	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 19109, 19168 - PROFILE
CV-G1043	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 19189, 19196 - PROFILE
CV-G1044	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 19267 - PROFILE
CV-G1045	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19485 - PROFILE
CV-G1046	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19615, 19642 - PROFILE
CV-G1047	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19667, 19679 - PROFILE
CV-G1048	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19692 - PROFILE
CV-G1049	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19702, 19721 - PROFILE
CV-G1050	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19732, 19741 - PROFILE
CV-G1051	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19753, 19769 - PROFILE
CV-G1052	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 19780, 19826 - PROFILE
CV-G1053	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 20003 - PROFILE
CV-G1054	ALTERNATIVE 1,2,5 - GRADING AND DRAINAGE - STA. 20028 - PROFILE
CV-G1055	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20038, 20052 - PROFILE
CV-G1056	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20091 - PROFILE
CV-G1057	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20148, 20152 - PROFILE
CV-G1058	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20293, 20306 - PROFILE
CV-G1059	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20320, 20331 - PROFILE

**GRADING AND DRAINAGE PROFILE SHEETS**

DRAWING No.	DRAWING DESCRIPTION
CV-G1060	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20339, 20346 - PROFILE
CV-G1061	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20376 - PROFILE
CV-G1062	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20383, 20388 - PROFILE
CV-G1063	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20398, 20405 - PROFILE
CV-G1064	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20411, 20416 - PROFILE
CV-G1065	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20427 - PROFILE
CV-G1066	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20443, 20450 - PROFILE
CV-G1067	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20502, 20527 - PROFILE
CV-G1068	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20548, 20555 - PROFILE
CV-G1069	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20573, 20583 - PROFILE
CV-G1070	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20598, 20603 - PROFILE
CV-G1071	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20674, 20694 - PROFILE
CV-G1072	ALTERNATIVE 1,2,3,5 - GRADING AND DRAINAGE - STA. 20716, 20721 - PROFILE
CV-G1073	ALTERNATIVE 1,2,3 - GRADING AND DRAINAGE - STA. 21169 - PROFILE
CV-G1101	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17457, 17463 - PROFILE
CV-G1102	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17475, 17544 - PROFILE
CV-G1103	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17580, 17648 - PROFILE
CV-G1104	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17771, 17793 - PROFILE
CV-G1105	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17828, 17833 - PROFILE
CV-G1106	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17872 - PROFILE
CV-G1107	ALTERNATIVE 2 - GRADING AND DRAINAGE - STA. 17902 - PROFILE
CV-G1201	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19617 - PROFILE
CV-G1202	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19627, 19642 - PROFILE
CV-G1203	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19663, 19673 - PROFILE
CV-G1204	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19684, 19706 - PROFILE
CV-G1205	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19731 - PROFILE
CV-G1206	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19736, 19763 - PROFILE
CV-G1207	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 19791, 19868 - PROFILE
CV-G1208	ALTERNATIVE 3 - GRADING AND DRAINAGE - STA. 20001, 20026 - PROFILE
CV-G1301	ALTERNATIVE 5 - GRADING AND DRAINAGE - STA. 20721, 21168 - PROFILE

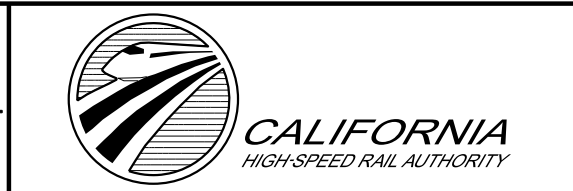
Projects\701206.00\_CHSRBP\00\_CADD\Working Files\j.m Meredit\h\WP-GE-B0012 5:20:24 PM 1/30/2020 j.m.meredit@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 12 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0012  
SCALE  
AS SHOWN  
SHEET NO.

# RETAINING WALL PLAN AND PROFILE SHEETS

DRAWING No.	DRAWING DESCRIPTION
ST-G1001	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18168 - PLAN AND PROFILE
ST-G1003	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18335 - PLAN AND PROFILE
ST-G1004	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18430 - PLAN AND PROFILE
ST-G1005	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18473 - PLAN AND PROFILE
ST-G1007	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18700 - PLAN AND PROFILE
ST-G1008	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 19087 AND 19088 - PLAN AND PROFILE
ST-G1009	ALTERNATIVE 1,2,3 - RETAINING WALL - 20969 - PLAN AND PROFILE
ST-G1010	ALTERNATIVE 2 - RETAINING WALL - 17492 - PLAN AND PROFILE
ST-G1011	ALTERNATIVE 2 - RETAINING WALL - 17530 - PLAN AND PROFILE
ST-G1012	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
ST-G1013	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
ST-G1014	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
ST-G1015	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
ST-G1016	ALTERNATIVE 5 - RETAINING WALL - 21112 - PLAN AND PROFILE
ST-G1017	ALTERNATIVE 2 - RETAINING WALL - 17617 AND 17623 - PLAN AND PROFILE
ST-G1018	ALTERNATIVE 2 - RETAINING WALL - 17726 AND 17734 - PLAN AND PROFILE
ST-G1019	ALTERNATIVE 1,3,5 - RETAINING WALL - MORNING DRIVE - PLAN AND PROFILE
ST-G1020	ALTERNATIVE 1,3,5 - RETAINING WALL - EDISON ROAD - PLAN AND PROFILE
ST-G1021	ALTERNATIVE 1,3,5 - RETAINING WALL - EDISON MOIS - PLAN AND PROFILE
ST-G1022	ALTERNATIVE 1,3,5 - RETAINING WALL - EDISON MOIS - PLAN AND PROFILE
ST-G1023	ALTERNATIVE 1,2,3,5 - RETAINING WALL - ACCESS ROAD - PLAN AND PROFILE
ST-G1024	ALTERNATIVE 1,2,3,5 - RETAINING WALL - STATE ROUTE 58 - PLAN AND PROFILE
ST-G1025	ALTERNATIVE 1,2,3,5 - RETAINING WALL - STATE ROUTE 58 - PLAN AND PROFILE
ST-G1026	ALTERNATIVE 1,2,3,5 - RETAINING WALL - STATE ROUTE 58 - PLAN AND PROFILE
ST-G1027	ALTERNATIVE 1,2,3,5 - RETAINING WALL - STATE ROUTE 58 - PLAN AND PROFILE
ST-G1028	ALTERNATIVE 1,2,3,5 - RETAINING WALL - STATE ROUTE 58 - PLAN AND PROFILE
ST-G1029	ALTERNATIVE 1,2,3,5 - RETAINING WALL - 18875 - PLAN AND PROFILE
ST-G1030	ALTERNATIVE 1,2,5 - RETAINING WALL - TEHACHAPI WILLOW SPRINGS ROAD - PLAN AND PROFILE
ST-G1031	ALTERNATIVE 1,2,5 - RETAINING WALL - TEHACHAPI WILLOW SPRINGS ROAD - PLAN AND PROFILE
ST-G1032	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE G - PLAN AND PROFILE
ST-G1033	ALTERNATIVE 1,2,3 - RETAINING WALL - SIERRA HIGHWAY - PLAN AND PROFILE
ST-G1034	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE H - PLAN AND PROFILE
ST-G1036	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE I - PLAN AND PROFILE
ST-G1037	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE I - PLAN AND PROFILE
ST-G1038	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE I - PLAN AND PROFILE
ST-G1039	ALTERNATIVE 1,2,3 - RETAINING WALL - MILLING STREET - PLAN AND PROFILE
ST-G1040	ALTERNATIVE 1,2,3 - RETAINING WALL - MILLING STREET - PLAN AND PROFILE
ST-G1041	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1042	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1043	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1044	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1045	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE L - PLAN AND PROFILE
ST-G1047	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE M - PLAN AND PROFILE
ST-G1048	ALTERNATIVE 1,2,3,5 - RETAINING WALL - AVENUE N - PLAN AND PROFILE
ST-G1049	ALTERNATIVE 1,2,3 - RETAINING WALL - AVENUE N - PLAN AND PROFILE
ST-G1051	ALTERNATIVE 5 - RETAINING WALL - SIERRA HIGHWAY - PLAN AND PROFILE
ST-G1052	ALTERNATIVE 5 - RETAINING WALL - AVENUE G - PLAN AND PROFILE
ST-G1053	ALTERNATIVE 5 - RETAINING WALL - AVENUE H - PLAN AND PROFILE
ST-G1056	ALTERNATIVE 5 - RETAINING WALL - AVENUE I AND SIERRA HIGHWAY - PLAN AND PROFILE
ST-G1057	ALTERNATIVE 5 - RETAINING WALL - MILLING STREET - PLAN AND PROFILE
ST-G1058	ALTERNATIVE 5 - RETAINING WALL - MILLING STREET - PLAN AND PROFILE
ST-G1059	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1060	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1062	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1063	ALTERNATIVE 5 - RETAINING WALL - AVENUE J - PLAN AND PROFILE
ST-G1065	ALTERNATIVE 5 - RETAINING WALL - AVENUE M - PLAN AND PROFILE

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WI\BP-GE-B0013

5:20:20 PM

1/30/2020

j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 13 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0013  
SCALE  
AS SHOWN  
SHEET NO.



### TRACK AND ROADWAY STRUCTURES GENERAL

DRAWING No.	DRAWING DESCRIPTION
	COVER SHEET
ST-B0001	TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS SHEET 1 OF 2
ST-B0002	TRACK AND ROADWAY STRUCTURES - INDEX OF DRAWINGS SHEET 2 OF 2
ST-B0003	TRACK AND ROADWAY STRUCTURES - GENERAL NOTES AND LEGENDS
ST-B0004	ALTERNATIVE 1 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
ST-B0005	ALTERNATIVE 1 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
ST-B0006	ALTERNATIVE 2 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
ST-B0007	ALTERNATIVE 2 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
ST-B0008	ALTERNATIVE 3 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
ST-B0009	ALTERNATIVE 3 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
ST-B0010	ALTERNATIVE 5 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 1 OF 2
ST-B0011	ALTERNATIVE 5 - TRACK AND ROADWAY STRUCTURES - KEY MAP SHEET 2 OF 2
ST-B3001	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 1 OF 10
ST-B3002	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 2 OF 10
ST-B3003	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 3 OF 10
ST-B3004	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 4 OF 10
ST-B3005	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 5 OF 10
ST-B3006	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 6 OF 10
ST-B3007	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 7 OF 10
ST-B3008	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 8 OF 10
ST-B3009	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 9 OF 10
ST-B3010	GENERAL - TRACK STRUCTURES - TYPICAL SECTION SHEET 10 OF 10

### TRACK STRUCTURES

DRAWING No.	DRAWING DESCRIPTION
ST-J1001	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1002	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1003	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1004	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1005	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1006	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1007	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1008	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1009	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1010	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1011	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1012	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1013	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1014	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1015	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1016	ALTERNATIVES 1,3,5-TRACK STRUCTURES-VIADUCT STATION 17285+00 TO 17440+12.05-PLAN AND ELEVATION
ST-J1017	ALTERNATIVES 1,3,5 - VINELAND ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1018	ALTERNATIVES 1,3,5 - EDISON ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1019	ALTERNATIVES 1,3,5 - MALAGA ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1020	ALTERNATIVES 1,3,5 - COMANCHE DRIVE UNDERPASS - PLAN AND ELEVATION
ST-J1021	ALTERNATIVES 1,3,5 - TEJON HIGHWAY NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1022	ALTERNATIVES 1,3,5 - TEJON HIGHWAY SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1023	ALTERNATIVES 1,3,5 - TOWERLINE ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1024	ALTERNATIVES 1,3,5 - NEUMARKEL ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1025	ALTERNATIVES 1,3,5 - VIADUCT STATION 17841+15 TO 17856+15 - PLAN AND ELEVATION
ST-J1026	ALTERNATIVES 1,3,5 - VIADUCT STATION 17841+15 TO 17856+15 - PLAN AND ELEVATION
ST-J1027	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18076+21 TO 18107+11 - PLAN AND ELEVATION
ST-J1028	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18076+21 TO 18107+11 - PLAN AND ELEVATION
ST-J1029	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18076+21 TO 18107+11 - PLAN AND ELEVATION
ST-J1030	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18076+21 TO 18107+11 - PLAN AND ELEVATION
ST-J1031	ALTERNATIVES 1,2,3,5 - CALIENTE BODFISH RD UNDERPASS - PLAN AND ELEVATION
ST-J1032	ALTERNATIVES 1,2,3,5 - UNDERPASS STATION 18239+45 TO 18245+25 - PLAN AND ELEVATION
ST-J1033	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18463+56 TO 18475+16 - PLAN AND ELEVATION

### TRACK STRUCTURES (CONTINUED)

DRAWING No.	DRAWING DESCRIPTION
ST-J1034	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18463+56 TO 18475+16 - PLAN AND ELEVATION
ST-J1035	ALTERNATIVES 1,2,3,5 - UNDERPASS STATION 18494+23 TO 18497+43 - PLAN AND ELEVATION
ST-J1036	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18561+10 TO 18575+70 - PLAN AND ELEVATION
ST-J1037	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18561+10 TO 18575+70 - PLAN AND ELEVATION
ST-J1038	ALTERNATIVES 1,2,3,5 - UNDERPASS STATION 18700+32 TO 18703+52 - PLAN AND ELEVATION
ST-J1039	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18717+05 TO 18746+75 - PLAN AND ELEVATION
ST-J1040	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18717+05 TO 18746+75 - PLAN AND ELEVATION
ST-J1041	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18717+05 TO 18746+75 - PLAN AND ELEVATION
ST-J1042	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18828+25 TO 18874+85 - PLAN AND ELEVATION
ST-J1043	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18828+25 TO 18874+85 - PLAN AND ELEVATION
ST-J1044	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18828+25 TO 18874+85 - PLAN AND ELEVATION
ST-J1045	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18828+25 TO 18874+85 - PLAN AND ELEVATION
ST-J1046	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18828+25 TO 18874+85 - PLAN AND ELEVATION
ST-J1047	ALTERNATIVES 1,2,3,5 - VIADUCT STATION 18828+25 TO 18874+85 - PLAN AND ELEVATION
ST-J1048	ALTERNATIVES 1,2,3,5 - SR 58 NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1049	ALTERNATIVES 1,2,3,5 - SR 58 SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1050	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD NORTH VIADUCT - PLAN AND ELEVATION
ST-J1050A	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD NORTH VIADUCT - PLAN AND ELEVATION
ST-J1051	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD SOUTH VIADUCT - PLAN AND ELEVATION
ST-J1051A	ALTERNATIVES 1,2,3,5 - GOODRICK DRIVE-TEHACHAPI BLVD SOUTH VIADUCT - PLAN AND ELEVATION
ST-J1052	ALTERNATIVES 1,2,3,5 - STUBER ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1053	ALTERNATIVES 1,2,3,5 - STUBER ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1054	ALTERNATIVES 1,2,3,5 - HIGHLINE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1055	ALTERNATIVES 1,2,3,5 - HIGHLINE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1056	ALTERNATIVES 1,2,3,5 - TEHACHAPI WILLOW SPRINGS ROAD NORTH UNDERPASS 1 - PLAN AND ELEVATION
ST-J1057	ALTERNATIVES 1,2,3,5 - TEHACHAPI WILLOW SPRINGS ROAD SOUTH UNDERPASS 1 - PLAN AND ELEVATION
ST-J1058	ALTERNATIVES 1,2,3,5 - NORTH UNDERPASS STATION 19272+35 TO 19276+75 - PLAN AND ELEVATION
ST-J1059	ALTERNATIVES 1,2,3,5 - SOUTH UNDERPASS STATION 19271+75 TO 19276+45 - PLAN AND ELEVATION
ST-J1060	ALTERNATIVES 1,2,5 - NORTH VIADUCT STATION 19458+20 TO 19473+80 - PLAN AND ELEVATION
ST-J1061	ALTERNATIVES 1,2,5 - NORTH VIADUCT STATION 19458+20 TO 19473+80 - PLAN AND ELEVATION
ST-J1062	ALTERNATIVES 1,2,5 - SOUTH VIADUCT STATION 19458+00 TO 19473+50 - PLAN AND ELEVATION
ST-J1063	ALTERNATIVES 1,2,5 - SOUTH VIADUCT STATION 19458+00 TO 19473+50 - PLAN AND ELEVATION
ST-J1064	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD NORTH UNDERPASS 2 - PLAN AND ELEVATION
ST-J1065	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD SOUTH UNDERPASS 2 - PLAN AND ELEVATION
ST-J1066	ALTERNATIVES 1,2,5 - ROBERT RANCH ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1067	ALTERNATIVES 1,2,5 - ROBERT RANCH ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1068	ALTERNATIVES 1,2,5 - 110TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1069	ALTERNATIVES 1,2,5 - 110TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1070	ALTERNATIVES 1,2,5 - TROTTER AVENUE NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1071	ALTERNATIVES 1,2,5 - TROTTER AVENUE SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1072	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD NORTH VIADUCT - PLAN AND ELEVATION
ST-J1073	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD NORTH VIADUCT - PLAN AND ELEVATION
ST-J1074	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD SOUTH VIADUCT - PLAN AND ELEVATION
ST-J1075	ALTERNATIVES 1,2,5 - AQUEDUCT ROAD SOUTH VIADUCT - PLAN AND ELEVATION
ST-J1076	ALTERNATIVES 1,2,5 - BACKUS ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1077	ALTERNATIVES 1,2,5 - BACKUS ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1078	ALTERNATIVES 1,2,5 - 105TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1079	ALTERNATIVES 1,2,5 - 105TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1080	ALTERNATIVES 1,2,5 - CHAMPANGNE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1081	ALTERNATIVES 1,2,5 - CHAMPANGNE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1082	ALTERNATIVES 1,2,5 - MONTIVERDE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1083	ALTERNATIVES 1,2,5 - MONTIVERDE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1084	ALTERNATIVES 1,2,5 - HIGHGATE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1085	ALTERNATIVES 1,2,5 - HIGHGATE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1086	ALTERNATIVES 1,2,5 - CHAMPANGNE AVENUE UNDERPASS - PLAN AND ELEVATION
ST-J1087	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD UNDERPASS 3 - PLAN AND ELEVATION
ST-J1088	ALTERNATIVES 1,2,3,5 - DAWN ROAD - 85TH STREET UNDERPASS - PLAN AND ELEVATION

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WBP-GE-B0014 5:20:33 PM 1/30/2020 jim.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>S. LANDOLT</b>
DRAWN BY <b>J. MEREDITH</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>S. SMITH</b>
DATE <b>10/31/2017</b>

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 14 OF 25

CONTRACT NO. HSR13-44
DRAWING NO. GE-B0014
SCALE AS SHOWN
SHEET NO.

**TRACK STRUCTURES (CONTINUED)**

DRAWING No.	DRAWING DESCRIPTION
ST-J1089	ALTERNATIVES 1,2,3,5 - FAVORITO AVENUE - 80TH STREE UNDERPASS - PLAN AND ELEVATION
ST-J1090	ALTERNATIVES 1,2,3,5 - SWEETSER ROAD VIADUCT - PLAN AND ELEVATION
ST-J1090A	ALTERNATIVES 1,2,3,5 - SWEETSER ROAD VIADUCT - PLAN AND ELEVATION
ST-J1091	ALTERNATIVES 1,2,3,5 - ROSAMOND BLVD UNDERPASS - PLAN AND ELEVATION
ST-J1092	ALTERNATIVES 1,2,3,5 - 60TH STREET UNDERPASS - PLAN AND ELEVATION
ST-J1093	ALTERNATIVES 1,2,3,5 - ASTORIA AVENUE UNDERPASS - PLAN AND ELEVATION
ST-J1094	ALTERNATIVES 1,2,3,5 - HOLIDAY AVENUE UNDERPASS - PLAN AND ELEVATION
ST-J1095	ALTERNATIVES 1,2,3,5 - 50TH STREET UNDERPASS - PLAN AND ELEVATION
ST-J1096	ALTERNATIVES 1,2,3,5 - AVENUE A UNDERPASS - PLAN AND ELEVATION
ST-J1096A	ALTERNATIVES 1,2,3,5 - 40TH STREET - AVENUE A8 VIADUCT - PLAN AND ELEVATION
ST-J1097	ALTERNATIVES 1,2,3,5 - AVENUE B EAST UNDERPASS - PLAN AND ELEVATION
ST-J1098	ALTERNATIVES 1,2,3,5 - AVENUE B WEST UNDERPASS - PLAN AND ELEVATION
ST-J1099	ALTERNATIVES 1,2,3,5 - 30TH STREET - AVENUE C UNDERPASS - PLAN AND ELEVATION
ST-J1100	ALTERNATIVES 1,2,3,5 - SR 138 UNDERPASS - PLAN AND ELEVATION
ST-J1101	ALTERNATIVES 1,2,3,5 - SR 14 UNDERPASS - PLAN AND ELEVATION
ST-J1102	ALTERNATIVES 1,2,3,5 - AVENUE E UNDERPASS - PLAN AND ELEVATION
ST-J1103	ALTERNATIVES 1,2,3 - AVENUE F UNDERPASS - PLAN AND ELEVATION
ST-J1103A	ALTERNATIVES 1,2,3 - AVENUE F UNDERPASS - PLAN AND ELEVATION
ST-J1103B	ALTERNATIVES 1,2,3 - AVENUE F UNDERPASS - PLAN AND ELEVATION
ST-J1104	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1105	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1106	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1107	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1108	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1109	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1110	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1111	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1112	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1113	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1114	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1115	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1116	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1117	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1118	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1119	ALTERNATIVE 2 - VIADUCT STATION 17285+00 TO 17440+82.05 - PLAN AND ELEVATION
ST-J1120	ALTERNATIVE 2 - VINELAND ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1121	ALTERNATIVE 2 - VIADUCT STATION 17497+70 TO 17530+80 - PLAN AND ELEVATION
ST-J1122	ALTERNATIVE 2 - VIADUCT STATION 17497+70 TO 17530+80 - PLAN AND ELEVATION
ST-J1123	ALTERNATIVE 2 - VIADUCT STATION 17497+70 TO 17530+80 - PLAN AND ELEVATION
ST-J1124	ALTERNATIVE 2 - VIADUCT STATION 17497+70 TO 17530+80 - PLAN AND ELEVATION
ST-J1125	ALTERNATIVE 2 - MALAGA ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1126	ALTERNATIVE 2 - COMANCHE DRIVE UNDERPASS - PLAN AND ELEVATION
ST-J1127	ALTERNATIVE 2 - TEJON HIGHWAY UNDERPASS - PLAN AND ELEVATION
ST-J1128	ALTERNATIVE 2 - TOWERLINE ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1129	ALTERNATIVE 2 - SR 58 VIADUCT - PLAN AND ELEVATION
ST-J1130	ALTERNATIVE 2 - SR 58 VIADUCT - PLAN AND ELEVATION
ST-J1131	ALTERNATIVE 2 - NEUMARKEL ROAD UNDERPASS - PLAN AND ELEVATION
ST-J1132	ALTERNATIVE 2 - VIADUCT STATION 17842+85 TO 17855+65 - PLAN AND ELEVATION
ST-J1133	ALTERNATIVE 2 - VIADUCT STATION 17842+85 TO 17855+65 - PLAN AND ELEVATION
ST-J1134	ALTERNATIVE 3 - TEHACHAPI WILLOW SPRINGS ROAD NORTH UNDERPASS 4 - PLAN AND ELEVATION
ST-J1135	ALTERNATIVE 3 - TEHACHAPI WILLOW SPRINGS ROAD SOUTH UNDERPASS 4 - PLAN AND ELEVATION
ST-J1136	ALTERNATIVE 3 - PACIFIC CREST TRAIL NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1137	ALTERNATIVE 3 - PACIFIC CREST TRAIL SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1138	ALTERNATIVE 3 - TROTTER AVENUE NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1139	ALTERNATIVE 3 - TROTTER AVENUE SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1140	ALTERNATIVE 3 - 110TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1141	ALTERNATIVE 3 - 110TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1142	ALTERNATIVE 3 - AQUEDUCT ROAD NORTH VIADUCT - PLAN AND ELEVATION
ST-J1143	ALTERNATIVE 3 - AQUEDUCT ROAD NORTH VIADUCT - PLAN AND ELEVATION

**TRACK STRUCTURES (CONTINUED)**

DRAWING No.	DRAWING DESCRIPTION
ST-J1144	ALTERNATIVE 3 - AQUEDUCT ROAD SOUTH VIADUCT - PLAN AND ELEVATION
ST-J1145	ALTERNATIVE 3 - AQUEDUCT ROAD SOUTH VIADUCT - PLAN AND ELEVATION
ST-J1146	ALTERNATIVE 3 - BACKUS ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1147	ALTERNATIVE 3 - BACKUS ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1148	ALTERNATIVE 3 - 105TH STREET NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1149	ALTERNATIVE 3 - 105TH STREET SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1150	ALTERNATIVE 3 - CHAMPAGNE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1151	ALTERNATIVE 3 - CHAMPAGNE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1152	ALTERNATIVE 3 - MONTIVERDE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1153	ALTERNATIVE 3 - MONTIVERDE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1154	ALTERNATIVE 3 - HIGHGATE ROAD NORTH UNDERPASS - PLAN AND ELEVATION
ST-J1155	ALTERNATIVE 3 - HIGHGATE ROAD SOUTH UNDERPASS - PLAN AND ELEVATION
ST-J1156	ALTERNATIVE 3 - CHAMPAGNE AVENUE UNDERPASS - PLAN AND ELEVATION
ST-J1157	ALTERNATIVE 3 - TEHACHAPI WILLOW SPRINGS ROAD UNDERPASS 5 - PLAN AND ELEVATION
ST-J1158	ALTERNATIVE 5 - AVENUE F UNDERPASS - PLAN AND ELEVATION
ST-J1159	ALTERNATIVE 5 - AVENUE F UNDERPASS - PLAN AND ELEVATION
ST-J1160	ALTERNATIVE 5 - AVENUE F UNDERPASS - PLAN AND ELEVATION
ST-J1161	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1162	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1163	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1164	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1165	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1166	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1167	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1168	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1169	ALTERNATIVE B-3-ALT 1,3,5 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55 - PLAN AND ELEVATION
ST-J1170	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1171	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1172	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1173	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1174	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1175	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1176	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1177	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION
ST-J1178	ALTERNATIVE B-3-ALT 2 TIE IN - VIADUCT STATION 17285+00 TO 17370+41.55- PLAN AND ELEVATION

**ROADWAY STRUCTURES**

DRAWING No.	DRAWING DESCRIPTION
ST-K1001	ALTERNATIVES 1,2,3,5 - MORNING DRIVE UNDERCROSSING - PLAN AND ELEVATION
ST-K1002	ALTERNATIVES 1,2,3,5 - MORNING DRIVE UNDERPASS - PLAN AND ELEVATION
ST-K1003	ALTERNATIVES 1,3,5 - EDISON ROAD EB UNDERCROSSING - PLAN AND ELEVATION
ST-K1004	ALTERNATIVES 1,3,5 - EDISON ROAD WB UNDERCROSSING - PLAN AND ELEVATION
ST-K1005	ALTERNATIVES 1,3,5 - MAGALA ROAD EB UNDERCROSSING - PLAN AND ELEVATION
ST-K1006	ALTERNATIVES 1,3,5 - MAGALA ROAD WB UNDERCROSSING - PLAN AND ELEVATION
ST-K1007	ALTERNATIVES 1,3,5 - COMANCHE DRIVE EB UNDERCROSSING - PLAN AND ELEVATION
ST-K1008	ALTERNATIVES 1,3,5 - COMANCHE DRIVE WB UNDERCROSSING - PLAN AND ELEVATION
ST-K1009	ALTERNATIVES 1,3,5 - TEJON HIGHWAY EB UNDERCROSSING - PLAN AND ELEVATION
ST-K1010	ALTERNATIVES 1,3,5 - TEJON HIGHWAY WB UNDERCROSSING - PLAN AND ELEVATION
ST-K1011	ALTERNATIVES 1,3,5 - TOWERLINE ROAD EB UNDERCROSSING - PLAN AND ELEVATION
ST-K1012	ALTERNATIVES 1,3,5 - TOWERLINE ROAD WB UNDERCROSSING - PLAN AND ELEVATION
ST-K1013	ALTERNATIVES 1,2,3,5 - GENERAL BEALE ROAD OVERHEAD - PLAN AND ELEVATION
ST-K1014	ALTERNATIVES 1,2,3,5 - BEALVILLE ROAD OVERHEAD - PLAN AND ELEVATION
ST-K1015	ALTERNATIVES 1,2,3,5 - SR 58 EB OVERHEAD - PLAN AND ELEVATION
ST-K1015A	ALTERNATIVES 1,2,3,5 - SR 58 EB OVERHEAD - PLAN AND ELEVATION
ST-K1016	ALTERNATIVES 1,2,3,5 - SR 58 EB OVERHEAD - TYPICAL SECTION
ST-K1017	ALTERNATIVES 1,2,3,5 - SR 58 WB OVERHEAD - PLAN AND ELEVATION

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WBP-GE-B0015

5:20:38 PM

1/30/2020

jim.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 15 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0015  
SCALE  
AS SHOWN  
SHEET NO.

**ROADWAY STRUCTURES (CONTINUED)**

DRAWING No.	DRAWING DESCRIPTION
ST-K1017A	ALTERNATIVES 1,2,3,5 - SR 58 WB OVERHEAD - PLAN AND ELEVATION
ST-K1018	ALTERNATIVES 1,2,3,5 - SR 58 WB OVERHEAD - TYPICAL SECTION
ST-K1019	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD OVERHEAD - PLAN AND ELEVATION
ST-K1020	ALTERNATIVES 1,2,5 - TEHACHAPI WILLOW SPRINGS ROAD OVERHEAD - PLAN AND ELEVATION
ST-K1021	ALTERNATIVES 1,2,3 - AVENUE G OVERHEAD 1 - PLAN AND ELEVATION
ST-K1022	ALTERNATIVES 1,2,3 - AVENUE G OVERHEAD 2 - PLAN AND ELEVATION
ST-K1023	ALTERNATIVES 1,2,3 - SIERRA HIGHWAY OVERHEAD - PLAN AND ELEVATION
ST-K1024	ALTERNATIVES 1,2,3 - AVENUE H OVERHEAD - PLAN AND ELEVATION
ST-K1025	ALTERNATIVES 1,2,3 - AVENUE I OVERHEAD - PLAN AND ELEVATION
ST-K1026	ALTERNATIVES 1,2,3 - MILLING STREET OVERHEAD - PLAN AND ELEVATION
ST-K1027	ALTERNATIVES 1,2,3 - MILLING STREET OVERHEAD - PLAN AND ELEVATION
ST-K1028	ALTERNATIVES 1,2,3 - AVENUE J OVERHEAD - PLAN AND ELEVATION
ST-K1029	ALTERNATIVES 1,2,3 - AVENUE K OVERHEAD - PLAN AND ELEVATION
ST-K1030	ALTERNATIVES 1,2,3 - AVENUE L OVERHEAD - PLAN AND ELEVATION
ST-K1031	ALTERNATIVES 1,2,3 - AVENUE M OVERHEAD - PLAN AND ELEVATION
ST-K1032	ALTERNATIVES 1,2,3 - AVENUE M OVERHEAD - PLAN AND ELEVATION
ST-K1033	ALTERNATIVES 1,2,3 - DRAINAGE AND WILDLIFE CROSSING OVERHEAD - PLAN AND ELEVATION
ST-K1034	ALTERNATIVES 1,2,3 - AVENUE N OVERHEAD - PLAN AND ELEVATION
ST-K1036	ALTERNATIVE 5 - AVENUE G OVERHEAD 1 - PLAN AND ELEVATION
ST-K1037	ALTERNATIVE 5 - AVENUE G OVERHEAD 2 - PLAN AND ELEVATION
ST-K1038	ALTERNATIVE 5 - SIERRA HIGHWAY OVERHEAD - PLAN AND ELEVATION
ST-K1039	ALTERNATIVE 5 - AVENUE H OVERHEAD - PLAN AND ELEVATION
ST-K1040	ALTERNATIVE 5 - AVENUE I OVERHEAD - PLAN AND ELEVATION
ST-K1041	ALTERNATIVE 5 - MILLING STREET OVERHEAD - PLAN AND ELEVATION
ST-K1042	ALTERNATIVE 5 - MILLING STREET OVERHEAD - PLAN AND ELEVATION
ST-K1043	ALTERNATIVE 5 - AVENUE J OVERHEAD - PLAN AND ELEVATION
ST-K1044	ALTERNATIVE 5 - AVENUE K OVERHEAD - PLAN AND ELEVATION
ST-K1045	ALTERNATIVE 5 - AVENUE L OVERHEAD - PLAN AND ELEVATION
ST-K1046	ALTERNATIVE 5 - AVENUE M OVERHEAD - PLAN AND ELEVATION
ST-K1047	ALTERNATIVE 5 - AVENUE M OVERHEAD - PLAN AND ELEVATION
ST-K1048	ALTERNATIVE 5 - DRAINAGE AND WILDLIFE CROSSING OVERHEAD - PLAN AND ELEVATION
ST-K1049	ALTERNATIVE 5 - AVENUE N OVERHEAD - PLAN AND ELEVATION

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WI\BP\_GE-B0016

5:47:40 PM

1/30/2020

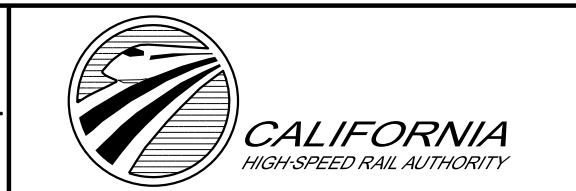
j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**  
  
**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 16 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0016  
SCALE  
AS SHOWN  
SHEET NO.

## MAINTENANCE OF WAY GENERAL

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

## MAINTENANCE FACILITY PLAN SHEETS

DRAWING No.	DRAWING DESCRIPTION
MY-D4010	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 1 OF 5
MY-D4011	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 2 OF 5
MY-D4012	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 3 OF 5
MY-D4013	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 4 OF 5
MY-D4014	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 5 OF 5
MY-D4015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 1 OF 5
MY-D4016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 2 OF 5
MY-D4017	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 3 OF 5
MY-D4018	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 4 OF 5
MY-D4019	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PLAN SHEET 5 OF 5
MY-D4020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 1 OF 4
MY-D4021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 2 OF 4
MY-D4022	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 3 OF 4
MY-D4023	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PLAN SHEET 4 OF 4
MY-D4030	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 1 OF 5
MY-D4031	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 2 OF 5
MY-D4032	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 3 OF 5
MY-D4033	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 4 OF 5
MY-D4034	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PLAN SHEET 5 OF 5
MY-D4042	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 1 OF 9
MY-D4043	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 2 OF 9
MY-D4044	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 3 OF 9
MY-D4045	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 4 OF 9
MY-D4046	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 5 OF 9
MY-D4047	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 6 OF 9
MY-D4048	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 7 OF 9
MY-D4049	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 8 OF 9
MY-D4050	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 9 OF 9
MY-D4052	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 1 OF 3
MY-D4053	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 2 OF 3
MY-D4054	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PLAN SHEET 3 OF 3
MY-D4060	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 1 OF 12
MY-D4061	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 2 OF 12
MY-D4062	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 3 OF 12
MY-D4063	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 4 OF 12
MY-D4064	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 5 OF 12
MY-D4065	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 6 OF 12
MY-D4066	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 7 OF 12
MY-D4067	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 8 OF 12
MY-D4068	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 9 OF 12
MY-D4069	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 10 OF 12
MY-D4070	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 11 OF 12
MY-D4071	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PLAN SHEET 12 OF 12

## MAINTENANCE FACILITY PROFILE SHEETS

DRAWING No.	DRAWING DESCRIPTION
MY-D1010	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 1 OF 2
MY-D1011	ALTERNATIVE 1,3,5 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 2 OF 2
MY-D1015	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 1 OF 2
MY-D1016	ALTERNATIVE 2 - MAINTENANCE FACILITY - MOIS - EDISON - PROFILE SHEET 2 OF 2
MY-D1020	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PROFILE SHEET 1 OF 2
MY-D1021	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIS - TEHACHAPI - PROFILE SHEET 2 OF 2
MY-D1030	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PROFILE SHEET 1 OF 3
MY-D1031	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PROFILE SHEET 2 OF 3
MY-D1032	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - MOIF - NORTH LANCASTER - PROFILE SHEET 3 OF 3
MY-D1040	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 1 OF 9
MY-D1041	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 2 OF 9
MY-D1042	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 3 OF 9
MY-D1043	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 4 OF 9
MY-D1044	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 5 OF 9
MY-D1045	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 6 OF 9
MY-D1046	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 7 OF 9
MY-D1047	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 8 OF 9
MY-D1048	ALTERNATIVE 1,2,3 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 9 OF 9
MY-D1050	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 1 OF 4
MY-D1051	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 2 OF 4
MY-D1052	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 3 OF 4
MY-D1053	ALTERNATIVE 5 - MAINTENANCE FACILITY - LMF - LANCASTER - PROFILE SHEET 4 OF 4
MY-D1060	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 1 OF 10
MY-D1061	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 2 OF 10
MY-D1062	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 3 OF 10
MY-D1063	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 4 OF 10
MY-D1064	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 5 OF 10
MY-D1065	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 6 OF 10
MY-D1066	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 7 OF 10
MY-D1067	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 8 OF 10
MY-D1068	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 9 OF 10
MY-D1069	ALTERNATIVE 1,2,3,5 - MAINTENANCE FACILITY - LMF-MOIF - NORTH LANCASTER - PROFILE SHEET 10 OF 10

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WBP-GE-B0017

5:20:31 PM

1/30/2020

jim.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>S. LANDOLT</b>
DRAWN BY <b>J. MEREDITH</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>S. SMITH</b>
DATE <b>10/31/2017</b>

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 17 OF 25

CONTRACT NO. <b>HSR13-44</b>
DRAWING NO. <b>GE-B0017</b>
SCALE <b>AS SHOWN</b>
SHEET NO.

## COMMUNICATIONS GENERAL

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

## COMMUNICATIONS LAYOUTS AND SITE PLANS

DRAWING No.	DRAWING DESCRIPTION
CO-D0001	ALTERNATIVE 1 - COMMUNICATIONS LAYOUT
CO-D0002	ALTERNATIVE 2 - COMMUNICATIONS LAYOUT
CO-D0003	ALTERNATIVE 3 - COMMUNICATIONS LAYOUT
CO-D0004	ALTERNATIVE 5 - COMMUNICATIONS LAYOUT
CO-F4001	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - SITE @ 17329+98
CO-F4002	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - SITE @ 20210+00
CO-F4003	ALTERNATIVE 1,2,3,5 - COMMUNICATIONS SYSTEM SITE PLAN - SITE @ 20720+00
CO-F4004	ALTERNATIVE 1,2,3 - COMMUNICATIONS SYSTEM SITE PLAN - SITE @ 21004+00
CO-F4015	ALTERNATIVE 5 - COMMUNICATIONS SYSTEM SITE PLAN - SITE 20975+71

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim Meredith\WI\BP-GE-B0018

5:20:42 PM

1/30/2020

jim.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**

DRAWN BY  
**J. MEREDITH**

CHECKED BY  
**G. CAMPBELL**

IN CHARGE  
**S. SMITH**

DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 18 OF 25

CONTRACT NO.  
HSR13-44

DRAWING NO.  
GE-B0018

SCALE  
AS SHOWN

SHEET NO.

## TRACTION POWER GENERAL

DRAWING No.	DRAWING DESCRIPTION
TP-B0001	COVER SHEET
TP-B0002	ALTERNATIVE 1,2,3,5 - GENERAL - DRAWING INDEX SHEET
TP-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND SHEET 1 OF 4
TP-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND SHEET 2 OF 4
TP-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND SHEET 3 OF 4
TP-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND SHEET 4 OF 4
TP-B3001	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS SHEET 1 OF 5
TP-B3002	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS SHEET 2 OF 5
TP-B3003	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS SHEET 3 OF 5
TP-B3004	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS SHEET 4 OF 5
TP-B3005	ALTERNATIVE 1,2,3,5 - GENERAL - TYPICAL SECTIONS SHEET 5 OF 5

## TRACTION POWER LAYOUTS, TYPICAL LAYOUTS AND SITE PLANS

DRAWING No.	DRAWING DESCRIPTION
TP-D0001	ALTERNATIVE 1 - TRACTION POWER FACILITY LAYOUT
TP-D0002	ALTERNATIVE 2 - TRACTION POWER FACILITY LAYOUT
TP-D0003	ALTERNATIVE 3 - TRACTION POWER FACILITY LAYOUT
TP-D0004	ALTERNATIVE 5 - TRACTION POWER FACILITY LAYOUT
TP-E4001	TYPICAL LAYOUT - TRACTION POWER SUPPLYSTATION - WITH 2 HIGH VOLTAGE TRANSFORMERS
TP-E4002	TYPICAL LAYOUT - SWITCHING STATION - WITH 4 AUTOTRANSFORMERS
TP-E4003	TYPICAL LAYOUT - PARALLELING STATION - WITH 2 AUTOTRANSFORMERS
TP-F4001	ALTERNATIVE 1,3,5 - PROPOSED INTERCONNECT LAMONT SUBSTATION
TP-F4002	ALTERNATIVE 1,2,3,5 - PROPOSED INTERCONNECT MONOLITH SUBSTATION
TP-F4003	ALTERNATIVE 1,2,3,5 - PROPOSED INTERCONNECT ANTELOPE VALLEY SUBSTATION
TP-F4004	ALTERNATIVE 2 - PROPOSED INTERCONNECT LAMONT SUBSTATION
TP-O4001	ALTERNATIVE 1,3,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 1
TP-O4002	ALTERNATIVE 1,3,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 2
TP-O4003	ALTERNATIVE 1,3,5 - TRACTION POWER SITE PLAN - PROPOSED TPSS 14
TP-O4004	ALTERNATIVE 1,3,5 - TRACTION POWER SITE PLAN - PROPOSED SWITCHING STATION 1 - PROPOSED DISPLACED SUPPLY STATION 1
TP-O4005	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED SWITCHING STATION 2
TP-O4006	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 3
TP-O4007	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 4
TP-O4008	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED TPSS 15
TP-O4009	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 5
TP-O4010	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 6
TP-O4011	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PROPOSED SWITCHING STATION 3
TP-O4012	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 7
TP-O4013	ALTERNATIVE 1,2,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 8
TP-O4014	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED TPSS 16
TP-O4015	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 9
TP-O4016	ALTERNATIVE 1,2,3,5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 10
TP-O4017	ALTERNATIVE 1,2,3 - TRACTION POWER SITE PLAN - PROPOSED SWITCHING STATION 4
TP-O4018	ALTERNATIVE 1,2,3 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 11
TP-O4101	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 1
TP-O4102	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 2
TP-O4103	ALTERNATIVE 2 - TRACTION POWER SITE PLAN - PROPOSED TPSS 14
TP-O4151	ALTERNATIVE 3 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 6
TP-O4152	ALTERNATIVE 3 - TRACTION POWER SITE PLAN - PROPOSED SWITCHING STATION 3
TP-O4153	ALTERNATIVE 3 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 7
TP-O4154	ALTERNATIVE 3 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 8
TP-O4201	ALTERNATIVE 5 - TRACTION POWER SITE PLAN - PROPOSED SWITCHING STATION 4
TP-O4202	ALTERNATIVE 5 - TRACTION POWER SITE PLAN - PROPOSED PARALLELING STATION 11

Projects\701206\_00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WI\BP-GE-B0019

5:20:48 PM

1/30/2020

j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>S. LANDOLT</b>
DRAWN BY <b>J. MEREDITH</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>S. SMITH</b>
DATE <b>10/31/2017</b>

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 19 OF 25

CONTRACT NO. <b>HSR13-44</b>
DRAWING NO. <b>GE-B0019</b>
SCALE <b>AS SHOWN</b>
SHEET NO.



## TRAIN CONTROL GENERAL

DRAWING No.	DRAWING DESCRIPTION
TC-B0001	COVER SHEET
TC-B0002	GENERAL - INDEX OF DRAWING - SHEET 1 OF 1
TC-B0003	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 1 OF 4
TC-B0004	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 2 OF 4
TC-B0005	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 3 OF 4
TC-B0006	ALTERNATIVE 1,2,3,5 - GENERAL - ABBREVIATIONS AND LEGEND - SHEET 4 OF 4
TC-C6001	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 1 OF 2
TC-C6002	ALTERNATIVE 1 - GENERAL - KEY MAP - SHEET 2 OF 2
TC-C6003	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 1 OF 2
TC-C6004	ALTERNATIVE 2 - GENERAL - KEY MAP - SHEET 2 OF 2
TC-C6005	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 1 OF 2
TC-C6006	ALTERNATIVE 3 - GENERAL - KEY MAP - SHEET 2 OF 2
TC-C6007	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 1 OF 2
TC-C6008	ALTERNATIVE 5 - GENERAL - KEY MAP - SHEET 2 OF 2

## TRAIN CONTROL LAYOUTS AND SITE PLANS

DRAWING No.	DRAWING DESCRIPTION
TC-D0001	ALTERNATIVE 1 - AUTOMATIC TRAIN CONTROL LAYOUT
TC-D0002	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL LAYOUT
TC-D0003	ALTERNATIVE 3 - AUTOMATIC TRAIN CONTROL LAYOUT
TC-D0004	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL LAYOUT
TC-F4001	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17440+32
TC-F4002	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17640+26, 17658+56
TC-F4003	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17680+78
TC-F4004	ALTERNATIVE 1,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17723+00, 17747+99
TC-F4005	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17980+00
TC-F4006	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 18310+00
TC-F4007	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 18749+50
TC-F4008	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 19130+27, 19157+62
TC-F4009	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 19185+00
TC-F4010	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 19207+89
TC-F4011	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 19237+38
TC-F4012	ALTERNATIVE 1,2,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 19606+53
TC-F4013	ALTERNATIVE 1,2,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 20060+00
TC-F4014	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 20440+26, 20458+84
TC-F4015	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 20500+92
TC-F4016	ALTERNATIVE 1,2,3,5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 20571+76, 20590+06
TC-F4017	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 20830+00
TC-F4018	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 21025+64, 21035+64, 21046+00
TC-F4019	ALTERNATIVE 1,2,3 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 21135+80
TC-F4025	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17442+00
TC-F4026	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17651+69, 17670+00
TC-F4027	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17700+53
TC-F4028	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17729+26
TC-F4029	ALTERNATIVE 2 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 17766+29
TC-F4035	ALTERNATIVE 3 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 19613+47
TC-F4040	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 20829+78
TC-F4041	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 21027+04, 21037+04, 21055+34
TC-F4042	ALTERNATIVE 5 - AUTOMATIC TRAIN CONTROL SITE PLAN - SITE @ 21135+80

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WP-GE-B0020

5:20:46 PM

1/30/2020

jim.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>S. LANDOLT</b>
DRAWN BY <b>J. MEREDITH</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>S. SMITH</b>
DATE <b>10/31/2017</b>

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 20 OF 25

CONTRACT NO. HSR13-44
DRAWING NO. GE-B0020
SCALE AS SHOWN
SHEET NO.

## TUNNEL GENERAL

DRAWING No.	DRAWING DESCRIPTION
TN-B0001	COVER SHEET
TN-B0002	DRAWING INDEX SHEET
TN-B0003	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 1 OF 4
TN-B0004	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 2 OF 4
TN-B0005	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 3 OF 4
TN-B0006	GENERAL ABBREVIATIONS AND LEGENDS - SHEET 4 OF 4
TN-B0007	KEY PLAN - ALT 1 ALIGNMENT TUNNELS
TN-B0008	KEY PLAN - ALT 2 ALIGNMENT TUNNELS

## PLAN SHEETS - ALIGNMENTS 1, 2, 3, 5

DRAWING No.	DRAWING DESCRIPTION
TN-C4003	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18015+00 TO 18075+00
TN-C4004	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18103+00 TO 18163+00
TN-C4005	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18171+00 TO 18231+00
TN-C4006	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18338+00 TO 18398+00
TN-C4007	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18398+00 TO 18458+00
TN-C4008	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18505+00 TO 18566+00
TN-C4009	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18566+00 TO 18630+00
TN-C4010	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18630+00 TO 18690+00
TN-C4011	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18911+00 TO 18971+00
TN-C4012	ALIGNMENT "ALT 1, 2, 3, 5" - STA 18971+00 TO 19031+00
TN-C4013	ALIGNMENT "ALT 1, 2, 5" - STA 19275+00 TO 19335+00
TN-C4014	ALIGNMENT "ALT 1, 2, 5" - STA 19335+00 TO 19395+00
TN-C4015	ALIGNMENT "ALT 1, 2, 5" - STA 19395+00 TO 19455+00
TN-C4016	ALIGNMENT "ALT 1, 2, 5" - STA 19469+00 TO 19529+00
TN-C4017	ALIGNMENT "ALT 1, 2, 5" - STA 19529+00 TO 19585+00
TN-C4018	ALIGNMENT "ALT 1, 2, 5" - STA 19585+00 TO 19645+00
TN-C4103	ALIGNMENT "ALT3" - STA 19273+00 TO 19333+00
TN-C4104	ALIGNMENT "ALT3" - STA 19333+00 TO 19393+00
TN-C4105	ALIGNMENT "ALT3" - STA 19393+00 TO 19453+00
TN-C4106	ALIGNMENT "ALT3" - STA 19463+00 TO 19523+00
TN-C4107	ALIGNMENT "ALT3" - STA 19523+00 TO 19583+00
TN-C4108	ALIGNMENT "ALT3" - STA 19583+00 TO 19633+00
TN-C4109	ALIGNMENT "ALT3" - STA 19633+00 TO 19683+00
TN-C4110	ALIGNMENT "ALT3" - STA 19683+00 TO 19733+00
TN-C4201	ALTERNATIVE 1,2,3 - PEDESTRIAN UNDERPASS - LAYOUT
TN-C4202	ALTERNATIVE 5 - PEDESTRIAN UNDERPASS - LAYOUT

## PROFILE SHEETS

DRAWING No.	DRAWING DESCRIPTION
TN-Y1001	TUNNEL PROFILES - "ALT 1, 2, 3, 5" - TUNNELS 1 AND 2
TN-Y1002	TUNNEL PROFILES - "ALT 1, 2, 3, 5" - TUNNELS 3 AND 4
TN-Y1003	TUNNEL PROFILES - "ALT 1, 2, 3, 5" - TUNNELS 4 AND 5
TN-Y1004	TUNNEL PROFILES - "ALT 1, 2, 3, 5" - TUNNEL 6
TN-Y1005	TUNNEL PROFILES - "ALT 1, 2, 3, 5" - TUNNEL 7
TN-Y1006	TUNNEL PROFILES - "ALT 1, 2, 5" - TUNNEL 8
TN-Y1007	TUNNEL PROFILES - "ALT 1, 2, 5" - TUNNELS 8 AND 9
TN-Y1008	TUNNEL PROFILES - "ALT 1, 2, 5" - TUNNEL 9
TN-Y1101	TUNNEL PROFILES - "ALT3" - TUNNEL 8
TN-Y1102	TUNNEL PROFILES - "ALT3" - TUNNELS 8 AND 9
TN-Y1103	TUNNEL PROFILES - "ALT3" - TUNNEL 9
TN-Y1104	TUNNEL PROFILES - "ALT3" - TUNNEL 9
TN-Y1201	UNDERPASS PROFILE - TYPICAL PEDESTRIAN UNDERPASS

## SECTIONS AND DETAILS SHEETS

DRAWING No.	DRAWING DESCRIPTION
TN-B-0001	TUNNEL SEQUENTIAL EXCAVATION METHOD SINGLE TUNNEL CLEARANCE DIAGRAM - TANGENT TRACK
TN-B-0002	TUNNEL SEQUENTIAL EXCAVATION METHOD EXCAVATION SEQUENCE INITIAL SUPPORT
TN-B-0003	TUNNEL DRILL AND BLAST METHOD SINGLE TUNNEL CLEARANCE DIAGRAM
TN-B-0004	TUNNEL DRILL AND BLAST METHOD SINGLE TUNNEL INITIAL SUPPORT
TN-B-0005	TUNNEL DRILL AND BLAST METHOD, TWIN TUNNELS CLEARANCE DIAGRAM - TANGENT TRACK
TN-B-0006	TUNNEL DRILL AND BLAST METHOD, TWIN TUNNELS CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
TN-B-0007	TUNNEL DRILL AND BLAST METHOD, TWIN TUNNELS INITIAL SUPPORT
TN-B-0008	TUNNEL TWIN TBM BORED TUNNELS CLEARANCE DIAGRAM - TANGENT TRACK
TN-B-0009	TUNNEL TWIN TBM BORED TUNNELS CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
TN-B-0010	TUNNEL TWIN TBM BORED TUNNELS INITIAL SUPPORT
TN-B-0011	TUNNEL CUT AND COVER BOX (HABITAT RESTORATION) CLEARANCE DIAGRAM - TANGENT TRACK
TN-B-0012	TUNNEL CUT AND COVER BOX (HABITAT RESTORATION) CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
TN-B-0013	TUNNEL CUT AND COVER BOX TWIN TUNNEL SINGLE TRACK CLEARANCE DIAGRAM - TANGENT TRACK
TN-B-0014	TUNNEL CUT AND COVER BOX TWIN TUNNEL SINGLE TRACK CLEARANCE DIAGRAM - SUPER ELEVATED TRACK
TN-B-0015	TUNNEL EMERGENCY CROSS PASSAGE
TN-B-0016	TYPICAL TRANSVERSE SECTION PORTAL FACILITIES FOR SINGLE TUNNEL CONFIGURATION
TN-B-0017	TYPICAL TRANSVERSE SECTION PORTAL FACILITIES FOR TWIN TUNNEL CONFIGURATION
TN-B-0018	TYPICAL TUNNEL PORTAL FACILITIES PLAN SINGLE TUNNEL CONFIGURATION
TN-B-0019	TYPICAL TUNNEL PORTAL FACILITIES PLAN TWIN TUNNEL CONFIGURATION
TN-B-0020	TYPICAL TUNNEL PORTAL FACILITIES PLAN AT GRADE TWIN TUNNEL CONFIGURATION
TN-B-0021	TYPICAL TUNNEL PORTAL FACILITIES PLAN AT GRADE SINGLE TUNNEL CONFIGURATION
TN-B-0022	TUNNEL CUT AND COVER BOX PEDESTRIAN UNDERPASS - SECTION VIEW

Projects\T01206.00\_CHSRBP\00\_CADD\Work\King Files\Jim\_Meredit\h\WP-GE-B0021

5:20:41 PM

1/30/2020

j.m.meredit@tylin.com

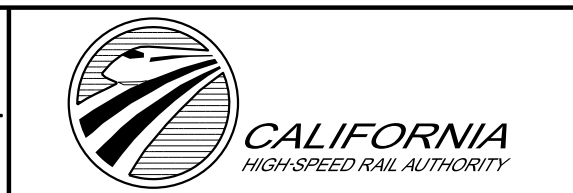
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>S. LANDOLT</b>
DRAWN BY <b>J. MEREDITH</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>S. SMITH</b>
DATE <b>10/31/2017</b>

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 21 OF 25

CONTRACT NO. HSR13-44
DRAWING NO. GE-B0021
SCALE AS SHOWN
SHEET NO.

**UTILITIES GENERAL**

DRAWING No.	DRAWING DESCRIPTION
	COVER SHEET
UT-B0001	INDEX OF DRAWING (SHEET 1 OF 4)
UT-B0002	INDEX OF DRAWING (SHEET 2 OF 4)
UT-B0003	INDEX OF DRAWING (SHEET 3 OF 4)
UT-B0004	INDEX OF DRAWING (SHEET 4 OF 4)
UT-B0005	ABBREVIATIONS AND LEGEND
UT-B0006	GENERAL NOTES AND UTILITY OWNERS
UT-B0007	UTILITY CROSSING DETAIL
UT-B0008	COMPOSITE UTILITY PLAN - ALT1 KEY MAP (SHEET 1 OF 7)
UT-B0009	COMPOSITE UTILITY PLAN - ALT1 KEY MAP (SHEET 2 OF 7)
UT-B0010	COMPOSITE UTILITY PLAN - ALT1 KEY MAP (SHEET 3 OF 7)
UT-B0011	COMPOSITE UTILITY PLAN - ALT1 KEY MAP (SHEET 4 OF 7)
UT-B0012	COMPOSITE UTILITY PLAN - ALT1 KEY MAP (SHEET 5 OF 7)
UT-B0013	COMPOSITE UTILITY PLAN - ALT1 KEY MAP (SHEET 6 OF 7)
UT-B0014	COMPOSITE UTILITY PLAN - ALT1 KEY MAP (SHEET 7 OF 7)
UT-B0015	COMPOSITE UTILITY PLAN - ALT2 KEY MAP (SHEET 1 OF 7)
UT-B0016	COMPOSITE UTILITY PLAN - ALT2 KEY MAP (SHEET 2 OF 7)
UT-B0017	COMPOSITE UTILITY PLAN - ALT2 KEY MAP (SHEET 3 OF 7)
UT-B0018	COMPOSITE UTILITY PLAN - ALT2 KEY MAP (SHEET 4 OF 7)
UT-B0019	COMPOSITE UTILITY PLAN - ALT2 KEY MAP (SHEET 5 OF 7)
UT-B0020	COMPOSITE UTILITY PLAN - ALT2 KEY MAP (SHEET 6 OF 7)
UT-B0021	COMPOSITE UTILITY PLAN - ALT2 KEY MAP (SHEET 7 OF 7)
UT-B0022	COMPOSITE UTILITY PLAN - ALT3 KEY MAP (SHEET 1 OF 7)
UT-B0023	COMPOSITE UTILITY PLAN - ALT3 KEY MAP (SHEET 2 OF 7)
UT-B0024	COMPOSITE UTILITY PLAN - ALT3 KEY MAP (SHEET 3 OF 7)
UT-B0025	COMPOSITE UTILITY PLAN - ALT3 KEY MAP (SHEET 4 OF 7)
UT-B0026	COMPOSITE UTILITY PLAN - ALT3 KEY MAP (SHEET 5 OF 7)
UT-B0027	COMPOSITE UTILITY PLAN - ALT3 KEY MAP (SHEET 6 OF 7)
UT-B0028	COMPOSITE UTILITY PLAN - ALT3 KEY MAP (SHEET 7 OF 7)
UT-B0029	COMPOSITE UTILITY PLAN - ALT5 KEY MAP (SHEET 1 OF 7)
UT-B0030	COMPOSITE UTILITY PLAN - ALT5 KEY MAP (SHEET 2 OF 7)
UT-B0031	COMPOSITE UTILITY PLAN - ALT5 KEY MAP (SHEET 3 OF 7)
UT-B0032	COMPOSITE UTILITY PLAN - ALT5 KEY MAP (SHEET 4 OF 7)
UT-B0033	COMPOSITE UTILITY PLAN - ALT5 KEY MAP (SHEET 5 OF 7)
UT-B0034	COMPOSITE UTILITY PLAN - ALT5 KEY MAP (SHEET 6 OF 7)
UT-B0035	COMPOSITE UTILITY PLAN - ALT5 KEY MAP (SHEET 7 OF 7)

**ALTERNATIVE 1**

DRAWING No.	DRAWING DESCRIPTION
UT-C4001	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17285+00 TO 17310+00
UT-C4002	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17310+00 TO 17335+00
UT-C4003	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17335+00 TO 17360+00
UT-C4004	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17360+00 TO 17385+00
UT-C4005	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17385+00 TO 17410+00
UT-C4006	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17410+00 TO 17435+00
UT-C4007	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17435+00 TO 17460+00
UT-C4008	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17460+00 TO 17485+00
UT-C4009	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17485+00 TO 17510+00
UT-C4010	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17510+00 TO 17535+00
UT-C4011	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17535+00 TO 17560+00
UT-C4012	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17560+00 TO 17585+00
UT-C4013	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17585+00 TO 17610+00
UT-C4014	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17610+00 TO 17635+00
UT-C4015	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17635+00 TO 17660+00
UT-C4016	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17660+00 TO 17685+00
UT-C4017	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17685+00 TO 17710+00

**ALTERNATIVE 1 CONTINUED**

DRAWING No.	DRAWING DESCRIPTION
UT-C4018	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17710+00 TO 17735+00
UT-C4019	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17735+00 TO 17760+00
UT-C4020	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17760+00 TO 17785+00
UT-C4021	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17785+00 TO 17810+00
UT-C4022	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17810+00 TO 17835+00
UT-C4023	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17835+00 TO 17860+00
UT-C4024	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17860+00 TO 17885+00
UT-C4025	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17885+00 TO 17910+00
UT-C4026	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 17910+00 TO 17935+00
UT-C4027	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 17935+00 TO 17960+00
UT-C4028	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 17960+00 TO 17985+00
UT-C4029	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 17985+00 TO 18010+00
UT-C4030	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18010+00 TO 18035+00
UT-C4031	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18035+00 TO 18060+00
UT-C4032	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18060+00 TO 18085+00
UT-C4033	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18085+00 TO 18110+00
UT-C4034	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18110+00 TO 18135+00
UT-C4035	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18135+00 TO 18160+00
UT-C4036	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18160+00 TO 18185+00
UT-C4037	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18185+00 TO 18210+00
UT-C4038	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18210+00 TO 18235+00
UT-C4039	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18235+00 TO 18260+00
UT-C4040	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18260+00 TO 18285+00
UT-C4041	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18285+00 TO 18310+00
UT-C4042	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18310+00 TO 18335+00
UT-C4043	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18335+00 TO 18360+00
UT-C4044	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18360+00 TO 18385+00
UT-C4045	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18385+00 TO 18410+00
UT-C4046	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18410+00 TO 18435+00
UT-C4047	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18435+00 TO 18460+00
UT-C4048	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18460+00 TO 18485+00
UT-C4049	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18485+00 TO 18510+00
UT-C4050	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18510+00 TO 18535+00
UT-C4051	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18535+00 TO 18560+00
UT-C4052	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18560+00 TO 18585+00
UT-C4053	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18585+00 TO 18610+00
UT-C4054	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18610+00 TO 18635+00
UT-C4055	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18635+00 TO 18660+00
UT-C4056	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18660+00 TO 18685+00
UT-C4057	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18685+00 TO 18710+00
UT-C4058	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18710+00 TO 18735+00
UT-C4059	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18735+00 TO 18760+00
UT-C4060	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18760+00 TO 18785+00
UT-C4061	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18785+00 TO 18810+00
UT-C4062	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18810+00 TO 18835+00
UT-C4063	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18835+00 TO 18860+00
UT-C4064	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18860+00 TO 18885+00
UT-C4065	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18885+00 TO 18910+00
UT-C4066	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18910+00 TO 18935+00
UT-C4067	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18935+00 TO 18960+00
UT-C4068	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18960+00 TO 18985+00
UT-C4069	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 18985+00 TO 19010+00
UT-C4070	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19010+00 TO 19035+00
UT-C4071	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19035+00 TO 19060+00
UT-C4072	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19060+00 TO 19085+00
UT-C4073	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19085+00 TO 19110+00
UT-C4074	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19110+00 TO 19135+00
UT-C4075	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19135+00 TO 19160+00

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\j.m. Meredit\h.m.\BP-GE-B0022

5:20:53 PM

1/30/2020

j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**  
  
**NOT FOR  
CONSTRUCTION**

**TYLIN INTERNATIONAL**



**CALIFORNIA HIGH-SPEED RAIL PROJECT  
BAKERSFIELD TO PALMDALE**  
ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 22 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0022  
SCALE  
AS SHOWN  
SHEET NO.

**UTILITIES ALTERNATIVE 1 CONTINUED**

DRAWING No.	DRAWING DESCRIPTION
UT-C4076	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19160+00 TO 19185+00
UT-C4077	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19185+00 TO 19210+00
UT-C4078	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19210+00 TO 19235+00
UT-C4079	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19235+00 TO 19260+00
UT-C4080	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 19260+00 TO 19285+00
UT-C4081	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19285+00 TO 19310+00
UT-C4082	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19310+00 TO 19335+00
UT-C4083	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19335+00 TO 19360+00
UT-C4084	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19360+00 TO 19385+00
UT-C4085	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19385+00 TO 19410+00
UT-C4086	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19410+00 TO 19435+00
UT-C4087	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19435+00 TO 19460+00
UT-C4088	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19460+00 TO 19485+00
UT-C4089	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19485+00 TO 19510+00
UT-C4090	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19510+00 TO 19535+00
UT-C4091	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19535+00 TO 19560+00
UT-C4092	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19560+00 TO 19585+00
UT-C4093	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19585+00 TO 19610+00
UT-C4094	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19610+00 TO 19635+00
UT-C4095	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19635+00 TO 19660+00
UT-C4096	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19660+00 TO 19685+00
UT-C4097	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19685+00 TO 19710+00
UT-C4098	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19710+00 TO 19735+00
UT-C4099	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19735+00 TO 19760+00
UT-C4100	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19760+00 TO 19785+00
UT-C4101	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19785+00 TO 19810+00
UT-C4102	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19810+00 TO 19835+00
UT-C4103	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19835+00 TO 19860+00
UT-C4104	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19860+00 TO 19885+00
UT-C4105	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19885+00 TO 19910+00
UT-C4106	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19910+00 TO 19935+00
UT-C4107	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19935+00 TO 19960+00
UT-C4108	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19960+00 TO 19985+00
UT-C4109	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19985+00 TO 20010+00
UT-C4110	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 20010+00 TO 20035+00
UT-C4111	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20035+00 TO 20060+00
UT-C4112	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20060+00 TO 20085+00
UT-C4113	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20085+00 TO 20110+00
UT-C4114	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20110+00 TO 20135+00
UT-C4115	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20135+00 TO 20160+00
UT-C4116	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20160+00 TO 20185+00
UT-C4117	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20185+00 TO 20210+00
UT-C4118	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20210+00 TO 20235+00
UT-C4119	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20235+00 TO 20260+00
UT-C4120	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20260+00 TO 20285+00
UT-C4121	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20285+00 TO 20310+00
UT-C4122	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20310+00 TO 20335+00
UT-C4123	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20335+00 TO 20360+00
UT-C4124	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20360+00 TO 20385+00
UT-C4125	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20385+00 TO 20410+00
UT-C4126	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20410+00 TO 20435+00
UT-C4127	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20435+00 TO 20460+00
UT-C4128	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20460+00 TO 20485+00
UT-C4129	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20485+00 TO 20510+00
UT-C4130	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20510+00 TO 20535+00
UT-C4131	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20535+00 TO 20560+00
UT-C4132	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20560+00 TO 20585+00
UT-C4133	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20585+00 TO 20610+00

**ALTERNATIVE 1 CONTINUED**

DRAWING No.	DRAWING DESCRIPTION
UT-C4134	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20610+00 TO 20635+00
UT-C4135	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20635+00 TO 20660+00
UT-C4136	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20660+00 TO 20685+00
UT-C4137	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20685+00 TO 20710+00
UT-C4138	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20710+00 TO 20735+00
UT-C4139	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20735+00 TO 20760+00
UT-C4140	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20760+00 TO 20785+00
UT-C4141	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20785+00 TO 20810+00
UT-C4142	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20810+00 TO 20835+00
UT-C4143	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20835+00 TO 20860+00
UT-C4144	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20860+00 TO 20885+00
UT-C4145	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20885+00 TO 20910+00
UT-C4146	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20910+00 TO 20935+00
UT-C4147	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20935+00 TO 20960+00
UT-C4148	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20960+00 TO 20985+00
UT-C4149	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20985+00 TO 21010+00
UT-C4150	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21010+00 TO 21035+00
UT-C4151	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21035+00 TO 21060+00
UT-C4152	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21060+00 TO 21085+00
UT-C4153	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21085+00 TO 21110+00
UT-C4154	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4155	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21135+00 TO 21160+00
UT-C4156	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21160+00 TO 21185+00
UT-C4157	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21185+00 TO 21210+00
UT-C4158	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21210+00 TO 21235+00
UT-C4159	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19460+00 TO 19485+00
UT-C4201	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20785+00 TO 20810+00
UT-C4202	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20785+00 TO 20810+00
UT-C4203	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20835+00 TO 20885+00
UT-C4204	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20835+00 TO 20885+00
UT-C4205	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20835+00 TO 20885+00
UT-C4206	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20910+00 TO 20935+00
UT-C4207	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20910+00 TO 20935+00
UT-C4208	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20910+00 TO 20935+00
UT-C4209	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20910+00 TO 20935+00
UT-C4210	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20935+00 TO 20960+00
UT-C4211	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20935+00 TO 20960+00
UT-C4212	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20935+00 TO 20960+00
UT-C4213	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20960+00 TO 20985+00
UT-C4214	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20960+00 TO 20985+00
UT-C4215	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20960+00 TO 20985+00
UT-C4216	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 20960+00 TO 20985+00
UT-C4217	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21010+00 TO 21035+00
UT-C4218	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21010+00 TO 21035+00
UT-C4219	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21010+00 TO 21035+00
UT-C4220	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21010+00 TO 21035+00
UT-C4221	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21010+00 TO 21035+00
UT-C4222	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21010+00 TO 21035+00
UT-C4223	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21035+00 TO 21060+00
UT-C4224	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21060+00 TO 21085+00
UT-C4225	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21060+00 TO 21085+00
UT-C4226	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21060+00 TO 21085+00
UT-C4227	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21060+00 TO 21085+00
UT-C4228	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21060+00 TO 21085+00
UT-C4229	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21085+00 TO 21110+00
UT-C4230	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4231	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4232	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\Jim\_Meredith\WI\BP-GE-B0023

5:20:58 PM

1/30/2020

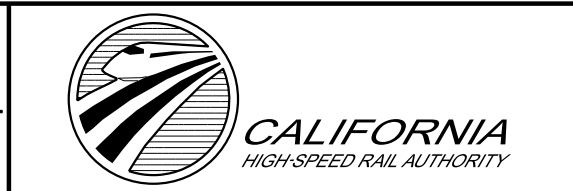
j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 23 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0023  
SCALE  
AS SHOWN  
SHEET NO.

**UTILITIES ALTERNATIVE 1 CONTINUED**

DRAWING No.	DRAWING DESCRIPTION
UT-C4233	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4234	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4235	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4236	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4237	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21110+00 TO 21135+00
UT-C4238	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21135+00 TO 21160+00
UT-C4239	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21135+00 TO 21160+00
UT-C4240	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21160+00 TO 21185+00
UT-C4241	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21160+00 TO 21185+00
UT-C4242	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21185+00 TO 21210+00
UT-C4243	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21185+00 TO 21210+00
UT-C4244	ALTERNATIVE 1,2,3 - COMPOSITE UTILITY PLAN - STA 21210+00 TO 21235+00
UT-C4251	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17360+00 TO 17385+00
UT-C4252	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17385+00 TO 17410+00
UT-C4253	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17385+00 TO 17410+00
UT-C4254	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17510+00 TO 17535+00
UT-C4255	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17560+00 TO 17585+00
UT-C4256	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17585+00 TO 17610+00
UT-C4257	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17610+00 TO 17635+00
UT-C4258	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17660+00 TO 17685+00
UT-C4259	ALTERNATIVE 1,3,5 - COMPOSITE UTILITY PLAN - STA 17710+00 TO 17735+00
UT-C4261	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19385+00 TO 19410+00
UT-C4262	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19385+00 TO 19410+00
UT-C4263	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19385+00 TO 19410+00
UT-C4264	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19410+00 TO 19435+00
UT-C4265	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19410+00 TO 19435+00
UT-C4266	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19410+00 TO 19435+00
UT-C4267	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19435+00 TO 19460+00
UT-C4268	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19435+00 TO 19460+00
UT-C4269	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19810+00 TO 19835+00
UT-C4270	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19835+00 TO 19860+00
UT-C4271	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19860+00 TO 19885+00
UT-C4272	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19885+00 TO 19910+00
UT-C4273	ALTERNATIVE 1,2,5 - COMPOSITE UTILITY PLAN - STA 19985+00 TO 20010+00
UT-C4274	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20010+00 TO 20035+00
UT-C4275	ALTERNATIVE 1,2,3,5 - COMPOSITE UTILITY PLAN - STA 20035+00 TO 20060+00
UT-D1001	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1002	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1003	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1004	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1005	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1006	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1007	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1008	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1009	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE
UT-D1010	ALTERNATIVE 1,2,3 - PROPOSED SEWER PROFILE

**ALTERNATIVE 2**

DRAWING No.	DRAWING DESCRIPTION
UT-C4301	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17285+00 TO 17310+00
UT-C4302	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17310+00 TO 17335+00
UT-C4303	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17335+00 TO 17360+00
UT-C4304	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17360+00 TO 17385+00
UT-C4305	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17385+00 TO 17410+00
UT-C4306	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17410+00 TO 17435+00
UT-C4307	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17435+00 TO 17460+00
UT-C4308	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17460+00 TO 17485+00
UT-C4309	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17485+00 TO 17510+00
UT-C4310	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17510+00 TO 17535+00

**ALTERNATIVE 2 CONTINUED**

DRAWING No.	DRAWING DESCRIPTION
UT-C4311	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17535+00 TO 17560+00
UT-C4312	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17560+00 TO 17585+00
UT-C4313	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17585+00 TO 17610+00
UT-C4314	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17610+00 TO 17635+00
UT-C4315	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17635+00 TO 17660+00
UT-C4316	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17660+00 TO 17685+00
UT-C4317	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17685+00 TO 17710+00
UT-C4318	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17710+00 TO 17735+00
UT-C4319	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17735+00 TO 17760+00
UT-C4320	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17760+00 TO 17785+00
UT-C4321	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17785+00 TO 17810+00
UT-C4322	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17810+00 TO 17835+00
UT-C4323	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17835+00 TO 17860+00
UT-C4324	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17860+00 TO 17885+00
UT-C4325	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17885+00 TO 17908+22
UT-C4331	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17360+00 TO 17385+00
UT-C4332	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17385+00 TO 17410+00
UT-C4333	ALTERNATIVE 2 - COMPOSITE UTILITY PLAN - STA 17385+00 TO 17410+00

**ALTERNATIVE 3**

DRAWING No.	DRAWING DESCRIPTION
UT-C4401	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19296+02 TO 19299+46
UT-C4402	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19299+46 TO 19324+00
UT-C4403	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19324+00 TO 19349+00
UT-C4404	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19349+00 TO 19374+00
UT-C4405	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19374+00 TO 19399+00
UT-C4406	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19399+00 TO 19424+00
UT-C4407	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19424+00 TO 19449+00
UT-C4408	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19449+00 TO 19474+00
UT-C4409	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19474+00 TO 19499+00
UT-C4410	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19499+00 TO 19524+00
UT-C4411	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19524+00 TO 19549+00
UT-C4412	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19549+00 TO 19574+00
UT-C4413	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19574+00 TO 19599+00
UT-C4414	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19599+00 TO 19624+00
UT-C4415	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19624+00 TO 19649+00
UT-C4416	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19649+00 TO 19674+00
UT-C4417	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19674+00 TO 19699+00
UT-C4418	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19699+00 TO 19724+00
UT-C4419	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19724+00 TO 19749+00
UT-C4420	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19749+00 TO 19774+00
UT-C4421	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19774+00 TO 19799+00
UT-C4422	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19799+00 TO 19824+00
UT-C4423	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19824+00 TO 19849+00
UT-C4424	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19849+00 TO 19874+00
UT-C4425	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19874+00 TO 19899+00
UT-C4426	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19899+00 TO 19924+00
UT-C4427	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19924+00 TO 19949+00
UT-C4428	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19949+00 TO 19974+00
UT-C4429	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19974+00 TO 19999+00
UT-C4430	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19999+00 TO 20024+00
UT-C4431	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 20024+00 TO 20049+00
UT-C4441	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19424+00 TO 19449+00
UT-C4442	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19424+00 TO 19449+00
UT-C4443	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19424+00 TO 19449+00
UT-C4444	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19449+00 TO 19474+00
UT-C4445	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19449+00 TO 19474+00
UT-C4446	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19749+00 TO 19774+00

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\j.m Meredit\h.wi\BP-GE-B0024

5:20:57 PM

1/30/2020

j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY <b>S. LANDOLT</b>
DRAWN BY <b>J. MEREDITH</b>
CHECKED BY <b>G. CAMPBELL</b>
IN CHARGE <b>S. SMITH</b>
DATE <b>10/31/2017</b>

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 24 OF 25

CONTRACT NO. HSR13-44
DRAWING NO. GE-B0024
SCALE AS SHOWN
SHEET NO.

**UTILITIES ALTERNATIVE 3 CONTINUED**

DRAWING No.	DRAWING DESCRIPTION
UT-C4447	ALTERNATIVE 3 - COMPOSITE UTILITY PLAN - STA 19824+00 TO 19849+00
UT-C4448	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 19849+00 TO 19874+00
UT-C4449	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 19899+00 TO 19924+00
UT-C4450	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 19974+00 TO 19999+00
UT-C4451	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 19999+00 TO 20024+00
UT-C4452	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20024+00 TO 20049+00

**ALTERNATIVE 5**

DRAWING No.	DRAWING DESCRIPTION
UT-C4501	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20720+00 TO 20745+00
UT-C4502	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20745+00 TO 20770+00
UT-C4503	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20770+00 TO 20795+00
UT-C4504	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20795+00 TO 20820+00
UT-C4505	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20820+00 TO 20845+00
UT-C4506	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20845+00 TO 20870+00
UT-C4507	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20870+00 TO 20895+00
UT-C4508	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20895+00 TO 20920+00
UT-C4509	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20920+00 TO 20945+00
UT-C4510	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20945+00 TO 20970+00
UT-C4511	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20970+00 TO 20995+00
UT-C4512	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20995+00 TO 21020+00
UT-C4513	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21020+00 TO 21045+00
UT-C4514	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21045+00 TO 21070+00
UT-C4515	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21070+00 TO 21095+00
UT-C4516	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21095+00 TO 21120+00
UT-C4517	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4518	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21145+00 TO 21170+00
UT-C4519	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21170+00 TO 21195+00
UT-C4520	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21195+00 TO 21220+00
UT-C4521	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21220+00 TO 21245+00
UT-C4531	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20795+00 TO 20820+00
UT-C4532	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20795+00 TO 20820+00
UT-C4533	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20845+00 TO 20870+00
UT-C4534	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20845+00 TO 20870+00
UT-C4535	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20845+00 TO 20870+00
UT-C4536	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20895+00 TO 20920+00
UT-C4537	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20895+00 TO 20920+00
UT-C4538	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20895+00 TO 20920+00
UT-C4539	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20895+00 TO 20920+00
UT-C4540	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20920+00 TO 20945+00
UT-C4541	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20920+00 TO 20945+00
UT-C4542	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20920+00 TO 20945+00
UT-C4543	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20945+00 TO 20970+00
UT-C4544	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20945+00 TO 20970+00
UT-C4545	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20945+00 TO 20970+00
UT-C4546	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20945+00 TO 20970+00
UT-C4547	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20995+00 TO 21045+00
UT-C4548	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20995+00 TO 21045+00
UT-C4549	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20995+00 TO 21045+00
UT-C4550	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20995+00 TO 21045+00
UT-C4551	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20995+00 TO 21045+00
UT-C4552	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 20995+00 TO 21045+00
UT-C4553	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21020+00 TO 21045+00
UT-C4554	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21045+00 TO 21095+00
UT-C4555	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21045+00 TO 21095+00
UT-C4556	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21045+00 TO 21095+00
UT-C4557	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21045+00 TO 21095+00
UT-C4558	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21045+00 TO 21095+00

**ALTERNATIVE 5 CONTINUED**

DRAWING No.	DRAWING DESCRIPTION
UT-C4559	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21095+00 TO 21120+00
UT-C4560	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4561	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4562	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4563	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4564	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4565	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4566	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21120+00 TO 21145+00
UT-C4567	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21145+00 TO 21170+00
UT-C4568	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21145+00 TO 21170+00
UT-C4569	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21170+00 TO 21195+00
UT-C4570	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21170+00 TO 21195+00
UT-C4571	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21195+00 TO 21220+00
UT-C4572	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21195+00 TO 21220+00
UT-C4573	ALTERNATIVE 5 - COMPOSITE UTILITY PLAN - STA 21220+00 TO 21245+00
UT-D1011	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1012	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1013	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1014	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1015	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1016	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1017	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1018	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1019	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1020	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1021	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1022	ALTERNATIVE 5 - PROPOSED SEWER PROFILE
UT-D1023	ALTERNATIVE 5 - PROPOSED SEWER PROFILE

Projects\701206.00\_CHSRBP\00\_CADD\Working Files\j.m. Meredith\WI\BP-GE-B0025 5:20:51 PM 1/30/2020 j.m.meredith@tylin.com

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY  
**S. LANDOLT**  
DRAWN BY  
**J. MEREDITH**  
CHECKED BY  
**G. CAMPBELL**  
IN CHARGE  
**S. SMITH**  
DATE  
**10/31/2017**

**RECORD  
PEPD SUBMITTAL**

**NOT FOR  
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5  
GENERAL  
INDEX OF DRAWING  
SHEET 25 OF 25

CONTRACT NO.  
HSR13-44  
DRAWING NO.  
GE-B0025  
SCALE  
AS SHOWN  
SHEET NO.