

CALIFORNIA HIGH-SPEED TRAIN ROADWAY (PLAN AND PROFILE)

RECORD SET PEPD DESIGN SUBMISSION

Bakersfield to Palmdale

Roadway (Plan and Profile)

October 2017



CALIFORNIA
High-Speed Rail Authority



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-B3526	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 RAMP - 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

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
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 1 OF 3

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B0002
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 - 85TH 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

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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DRAWN BY
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CHECKED BY
G. CAMPBELL

IN CHARGE
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DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLINTERNATIONAL



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

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

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-B0003

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

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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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 3

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

A

AB AGGREGATE BASE
 ABBC ASBESTOS BONDED BITUMINOUS COATED
 ABM AIR-BLOWN MORTAR
 ABN ABANDON
 ABUT ABUTMENT
 AC ASPHALT CONCRETE
 ACB ASPHALT CONCRETE BASE
 ACP ASBESTOS CEMENT PIPE
 ADL ADDED DEAD LOAD
 ADJ ADJUST
 AFES ALTERNATIVE FLARED END SECTION
 AHD AHEAD
 ALT ALTERNATE
 AM TIME FROM MIDNIGHT TO NOON
 AP ALTERNATIVE PIPE
 APC ALTERNATIVE PIPE CULVERT
 APPROX APPROXIMATE
 APU ALTERNATIVE PIPE UNDERDRAIN
 ARS ACCELERATION RESPONSE SPECTRUM
 AR ACCESS RESTRICTION
 AS AGGREGATE SUBBASE
 ASRP ALUMINUM SPIRAL RIB PIPE
 ASSY ASSEMBLY
 ATC AUTOMATIC TRAIN CONTROL
 ATPB ASPHALT TREATED PERMEABLE BASE
 ATPM ASPHALT TREATED PERMEABLE MATERIAL
 AVE AVENUE
 AVG AVERAGE
 @ AT

B

BAGR BRIDGE APPROACH GUARD RAILING
 BB BEGINNING OF BRIDGE
 BC BEGIN HORIZONTAL CURVE
 BCC BALANCED CANTILEVER CONSTRUCTION
 BCR BEGIN CURB RETURN
 BEG BEGIN
 BIT CTD BITUMINOUS COATED
 BK BACK
 BKF BACKFILL
 BLDG BUILDING
 BLM BRIDGE-LOG MILE
 BLVD BOULEVARD
 BM BENCH MARK
 BND BOUND
 BNSF BURLINGTON NORTH & SANTA FE
 BOT BOTTOM
 BR BRIDGE
 BRG BEARING
 BTU BRITISH THERMAL UNIT
 BVC BEGIN VERTICAL CURVE
 BW BARBED WIRE

C

CAA CABLE ANCHOR ASSEMBLY
 CAP CORRUGATED ALUMINUM PIPE
 CAPA CORRUGATED ALUMINUM PIPE ARCH
 CAS CONSTRUCTION AREA SIGN
 CB CONCRETE BARRIER
 CBW CONCRETE BLOCK WALL
 C-C CENTER TO CENTER
 CHSRA CALIFORNIA HIGH SPEED RAIL AUTHORITY
 CHST CALIFORNIA HIGH SPEED TRAIN
 CHSR CALIFORNIA HIGH SPEED RAIL
 CG CENTER OF GRAVITY
 CHNL CHANNEL
 CI CAST IRON
 CIDH CAST-IN-DRILLED-HOLE
 CIP,C-I-P CAST-IN-PLACE, CAST IRON PIPE
 CIPCP CAST IN PLACE CONCRETE PIPE
 CISS CAST-IN-STEEL-SHELL
 CJP COMPLETE JOINT PENETRATION
 CL CENTERLINE, CLASS
 CL2 CLASS 2
 CL-6 CHAIN LINK FENCE (6 FT)
 CLR CLEAR, CLEARANCE
 CM CORRUGATED METAL
 CMP CORRUGATED METAL PIPE
 CO COUNTY
 COL COLUMN
 CONC CONCRETE
 COND CONDUIT
 CONN CONNECTOR
 CONST CONSTRUCT, CONSTRUCTION
 CONT CONTINUOUS
 COORD COORDINATE
 CP CANDLEPOWER
 CR CREEK
 CRCP CONTINUOUS REINFORCED CONCRETE PAVEMENT
 CRSP CONCRETED ROCK SLOPE PROTECTION
 CS CURVE TO SPIRAL
 CSP CORRUGATED STEEL PIPE
 CSPA CORRUGATED STEEL PIPE ARCH
 CTB CEMENT TREATED BASE
 CTPB CEMENT TREATED PERMEABLE BASE
 CTPM CEMENT TREATED PERMEABLE MATERIAL
 CTRS CENTERS
 CVFPB CENTRAL VALLEY FLOOD PROTECTION BOARD
 CULV CULVERT
 C CENTERLINE

D

D DEPTH
 DD DOWNDRAIN, DIRECTIVE DRILLING
 DBL DOUBLE
 DEG DEGREE
 DEL DELINEATOR
 DET DETAIL, DETOUR
 DF DOUGLAS FIR
 DI DRAINAGE INLET, DROP INLET
 DIA DIAMETER
 DIAPH DIAPHRAGM
 DIST DISTANCE, DISTRICT
 DMBB DOUBLE METAL BEAM BARRIER
 DR DRIVE
 DTBB DOUBLE THRIE BEAM BARRIER
 DWP DEPARTMENT OF WATER AND POWER
 DWY DRIVEWAY

E

E EAST, EASTING
 EA ACTUAL SUPERELEVATION
 EU UNBALANCED SUPERELEVATION
 EASE EASEMENT
 EB END OF BRIDGE, EASTBOUND
 EC END HORIZONTAL CURVE
 ECR END CURB RETURN
 ED EDGE DRAIN
 EDC EDGE DRAIN CLEANOUT
 EDO EDGE DRAIN OUTLET
 EDV EDGE DRAIN VENT
 ELEC ELECTROLIER
 ELECT ELECTRIC
 ELEV ELEVATION
 EMB EMBANKMENT
 ENGR ENGINEER
 EOD EDGE OF DECK
 EP EDGE OF PAVEMENT
 EQ EQUATION, EQUAL
 ES EDGE OF SHOULDER
 ETW EDGE OF TRAVELED WAY
 EVC END VERTICAL CURVE
 EW ENDWALL
 EXC EXCAVATION
 EXIST, EX. EXISTING
 EXP EXPANSION
 EXP JT EXPANSION JOINT
 EXWY EXPRESSWAY
 EXT EXTERIOR

F

F & C FRAME AND COVER
 F & G FRAME AND GRATE
 FB FLOOR BEAM
 F-B FRESNO TO BAKERSFIELD
 FDN FOUNDATION
 FEBT FACING EASTBOUND TRAFFIC
 FES FLARED END SECTION
 FF FILTER FABRIC
 FG FINISHED GRADE
 FH FIRE HYDRANT
 FIG FIGURE
 FL FLOW LINE
 FNBT FACING NORTHBOUND TRAFFIC
 FOC FACE OF CONCRETE
 FR RD FRONTAGE ROAD
 FS FAR SIDE, FINISHED SURFACE
 FSBT FACING SOUTHBOUND TRAFFIC
 FT FOOT, FEET
 FTG FOOTING
 FWBT FACING WESTBOUND TRAFFIC
 FWY FREEWAY
 FPLM FULL SPAN PRECAST LAUNCHING METHOD

G

G ACCELERATION DUE TO GRAVITY
 GA GAGE
 GALV GALVANIZED
 GP GRADING PLANE
 GR GUARD RAILING
 GSP GALVANIZED STEEL PIPE
 GTR GUTTER

H

H HEIGHT
 HR HOUR
 HD HORIZONTAL DRAIN
 HDC HIGH DESERT CORRIDOR
 HDWL HEADWALL
 HEX HD HEXAGONAL HEAD
 HMA HOT MIXED ASPHALT
 HORIZ HORIZONTAL
 HP HINGE POINT, HORSEPOWER
 HPS HIGH PERFORMANCE STEEL
 HS HIGH STRENGTH
 HST HIGH SPEED TRAIN
 HSR HIGH SPEED RAIL
 HV HIGH VOLTAGE
 HW HEADWALL, HIGH WATER
 HWM HIGH WATER MARK
 HWY HIGHWAY

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REV	DATE	BY	CHK	APP	DESCRIPTION

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 IN CHARGE
S. SMITH
 DATE
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3,5
 GENERAL
 ABBREVIATIONS
 SHEET 1 OF 3

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

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B0006.dgn

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I

IB IMPORTED BORROW
 ID INSIDE DIAMETER
 IF INSIDE FACE
 IN INCH, INCHES
 INT INTERIOR
 INV INVERT
 IRR IRRIGATION

J

JCT JUNCTION
 JP JOINT POLE
 JPCP JOINTED PLAIN CONCRETE PAVEMENT
 JS JUNCTION STRUCTURE
 JT JOINT

K

K DISTANCE TO ACHIEVE 1% GRADE CHANGE

L

L LENGTH
 LAT LATITUDE
 LCB LEAN CONCRETE BASE
 LGA LOCALLY GENERATED ALTERNATIVE
 LMF LIGHT MAINTENANCE FACILITY
 LN LANE
 LOC LOCATION
 LOL LAYOUT LINE
 LONG LONGITUDE
 LONGIT LONGITUDINAL
 LS LENGTH OF SPIRAL
 LC LENGTH OF CURVE
 LT LEFT
 LV LOW VOLTAGE

M

MAINT MAINTENANCE
 MAX MAXIMUM
 MB METAL BEAM
 MBB METAL BEAM BARRIER
 MBGR METAL BEAM GUARD RAILING
 MED MEDIAN
 MH MANHOLE
 MIN MINIMUM
 MISC MISCELLANEOUS
 MISC I & S MISCELLANEOUS IRON AND STEEL
 MKR MARKER
 M/L MAIN LINE (RAILWAY)
 MOD MODIFIED, MODIFY
 MON MONUMENT
 MOIF MAINTENANCE OF INFRASTRUCTURE FACILITY
 MOIS MAINTENANCE OF INFRASTRUCTURE SIDING
 MP METAL PLATE

M CONTINUED

MPGR METAL PLATE GUARD RAILING
 MPH MILES PER HOUR
 MR MOVEMENT RATING
 MSE MECHANICALLY STABILIZED EARTH
 MTL MATERIAL
 MSS MOVING SCAFFOLDING SYSTEM

N

N NORTH, NORTHING
 NB NORTHBOUND
 NO. NUMBER (MUST HAVE PERIOD)
 NOS. NUMBERS (MUST HAVE PERIOD)
 NPS NOMINAL PIPE SIZE
 NS NEAR SIDE
 NTS NOT TO SCALE
 N/A NOT APPLICABLE

O

OBLR OBLITERATE
 OC OVERCROSSING
 OCS OVERHEAD CONTACT SYSTEM
 OD OUTSIDE DIAMETER
 OF OUTSIDE FACE
 OG ORIGINAL GROUND
 OGAC OPEN GRADED ASPHALT CONCRETE
 OH OVERHEAD
 O-O OUT TO OUT
 OPP OPPOSITE

P

P PAGE
 PAP PERFORATED ALUMINUM PIPE
 PB PULL BOX, PALMDALE TO BURBANK
 PC POINT OF CURVATURE, PRECAST
 PCC POINT OF COMPOUND CURVE,
 PORTLAND CEMENT CONCRETE
 PCP PERFORATED CONCRETE PIPE,
 PRESTRESSED CONCRETE PIPE
 PCVC POINT OF COMPOUND VERTICAL CURVE
 PED PEDESTRIAN
 PED OC PEDESTRIAN OVERCROSSING
 PED UC PEDESTRIAN UNDERCROSSING
 PERM MTL PERMEABLE MATERIAL
 PG PROFILE GRADE
 PG&E PACIFIC GAS AND ELECTRIC
 PI POINT OF INTERSECTION
 PJP PARTIAL JOINT PENETRATION
 PL PLATE
 P/L PROPERTY LINE
 PM POST MILE, TIME FROM NOON TO MIDNIGHT
 PN PAVING NOTCH

P CONTINUED

POB POINT OF BEGINNING
 POC POINT OF HORIZONTAL CURVE
 POE POINT OF ENDING
 POT POINT OF TANGENT
 POVC POINT OF VERTICAL CURVE
 PP PIPE PILE, PLASTIC PIPE, POWER POLE
 PPEF PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT
 PPL PREFORMED PERMEABLE LINER
 PPP PERFORATED PLASTIC PIPE
 PRC POINT OF REVERSE CURVE
 PRF PAVEMENT REINFORCING FABRIC
 PROP PROPOSED
 PRVC POINT OF REVERSE VERTICAL CURVE
 PS&E PLANS, SPECIFICATIONS AND ESTIMATES
 PS, P/S PRESTRESSED, PARALLELING STATION
 PSP PERFORATED STEEL PIPE
 PT POINT OF TANGENCY
 PTEF PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT
 PTSW POINT OF TRACK SWITCH
 PVC POLYVINYL CHLORIDE
 PVI POINT OF VERTICAL INTERSECTION
 PVMT PAVEMENT
 PVP MAINTENANCE VEHICLE PULLOUT

Q

QTY QUANTITY

R

R RADIUS
 R & D REMOVE AND DISPOSE
 R & S REMOVE AND SALVAGE
 R/C RATE OF CHANGE
 RCA REINFORCED CONCRETE ARCH
 RCB REINFORCED CONCRETE BOX
 RCP REINFORCED CONCRETE PIPE
 RCPA REINFORCED CONCRETE PIPE ARCH
 RD ROAD
 REINF REINFORCED, REINFORCEMENT,
 REINFORCING
 REL RELOCATE
 REPL REPLACEMENT
 RET RETAINING
 REV REVISED
 RDWY ROADWAY
 RM ROAD-MIXED
 RP RADIUS POINT, REFERENCE POINT
 RR RAILROAD
 RSP ROCK SLOPE PROTECTION
 RT RIGHT
 RTE ROUTE
 RW REDWOOD, RETAINING WALL

R CONTINUED

R/W RIGHT OF WAY
 RWY RAILWAY

S

S SOUTH, SUPPLEMENT
 SAE STRUCTURE APPROACH EMBANKMENT
 SALV SALVAGE
 SAPP STRUCTURAL ALUMINUM PLATE PIPE
 SB SOUTHBOUND
 SC SPIRAL TO CURVE
 SCE SOUTHERN CALIFORNIA EDISON
 SCSP SLOTTED CORRUGATED STEEL PIPE
 SD STORM DRAIN
 SEC SECOND
 SECT SECTION
 SEP SEPARATION
 SG SUBGRADE
 SHLD SHOULDER
 SHT SHEET
 SIM SIMILAR
 S STATION LINE
 SM SELECTED MATERIAL
 SPEC SPECIAL, SPECIFICATIONS
 SPP SLOTTED PLASTIC PIPE
 SS SLOPE STAKE, SPIRAL TO SPIRAL,
 SUPPLY STATION

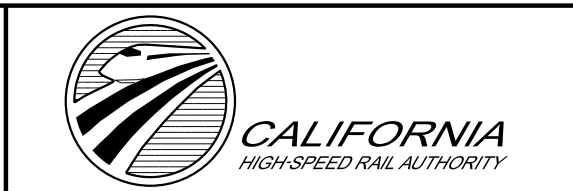
SSBM STRAP AND SADDLE BRACKET METHOD
 SSD STRUCTURAL SECTION DRAIN
 SSPA STRUCTURAL STEEL PLATE ARCH
 SSPP STRUCTURAL STEEL PLATE PIPE
 SSPPA STRUCTURAL STEEL PLATE PIPE ARCH
 SSRP STEEL SPIRAL RIB PIPE
 SR STATE ROUTE
 ST STREET, SPIRAL TO TANGENT
 STA STATION
 STBB SINGLE THRIE BEAM BARRIER
 STD STANDARD
 STR STRUCTURE
 SRS STAND ALONE RADIO SITE
 SURF SURFACING
 SW SIDEWALK, SOUND WALL
 SWR SEWER
 SWS SWITCHING STATION
 SYM SYMMETRICAL
 S4S SURFACE 4 SIDES
 SJVR SAN JOAQUIN VALLEY RAILROAD

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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SUBMITTAL**

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CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
 GENERAL
 ABBREVIATIONS
 SHEET 2 OF 3

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

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T

T SEMI-TANGENT
 TAB TABLET
 TAN TANGENT
 TBB THRIE BEAM BARRIER
 TBR TIMBER
 TC TOP OF CURB, TANGENT TO CURVE
 TCB TRAFFIC CONTROL BOX
 TEL TELEPHONE
 TEMP TEMPORARY
 TG TOP OF GRADE
 TM TECHNICAL MEMORANDUM
 TOT TOTAL
 TP TRACTION POWER, TUNNEL PORTAL
 TPB TREATED PERMEABLE BASE
 TPM TREATED PERMEABLE MATERIAL
 TRANS TRANSITION, TRANSVERSE
 TS TRAFFIC SIGNAL, TUBULAR STEEL,
 TANGENT TO SPIRAL
 TOR TOP OF RAIL
 TYP TYPICAL

U

UC UNDERCROSSING
 UD UNDERDRAIN
 UON UNLESS OTHERWISE NOTED
 UP UNDERPASS
 UPRR UNION PACIFIC RAILROAD
 USFWS UNITED STATES FISH AND WILDLIFE
 SERVICE

V

V VALVE, DESIGN SPEED
 VAR VARIABLE
 VC VERTICAL CURVE
 VCP VITRIFIED CLAY PIPE
 VERT VERTICAL
 VIA VIADUCT
 VOL VOLUME

W

W WEST,
 WIDTH
 WB WESTBOUND
 WH WEEP HOLE
 WM WIRE MESH
 WS WATER SURFACE
 WSP WELDED STEEL PIPE
 WT WEIGHT
 WV WATER VALVE
 WW WINGWALL
 WWL WINGWALL LAYOUT LINE
 W/ WITH

X

X SEC CROSS SECTION
 XING CROSSING

Y

YR YEAR
 YRS YEARS

Z

REV	DATE	BY	CHK	APP	DESCRIPTION

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

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TYLININTERNATIONAL



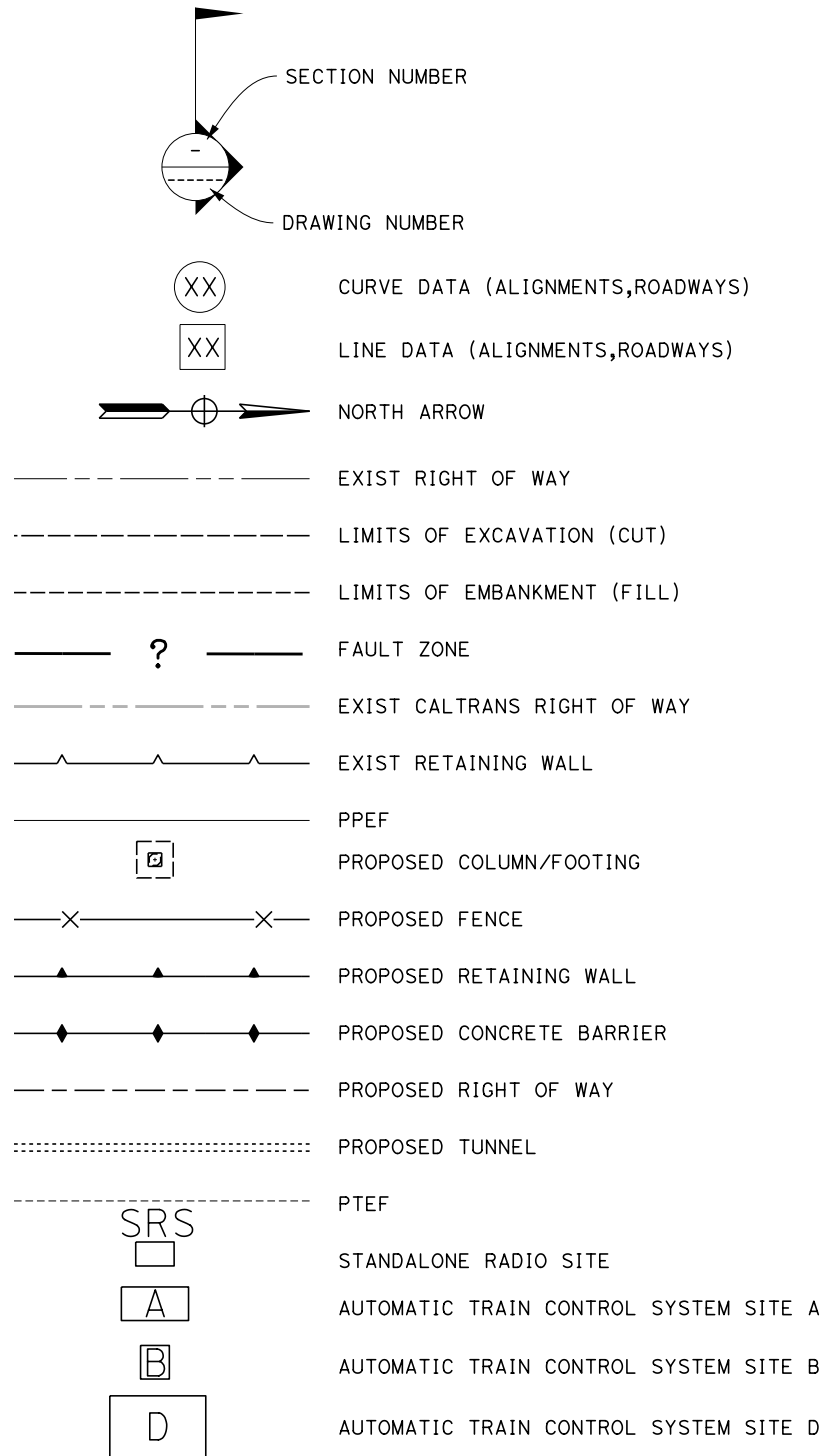
**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
 GENERAL
 ABBREVIATIONS
 SHEET 3 OF 3

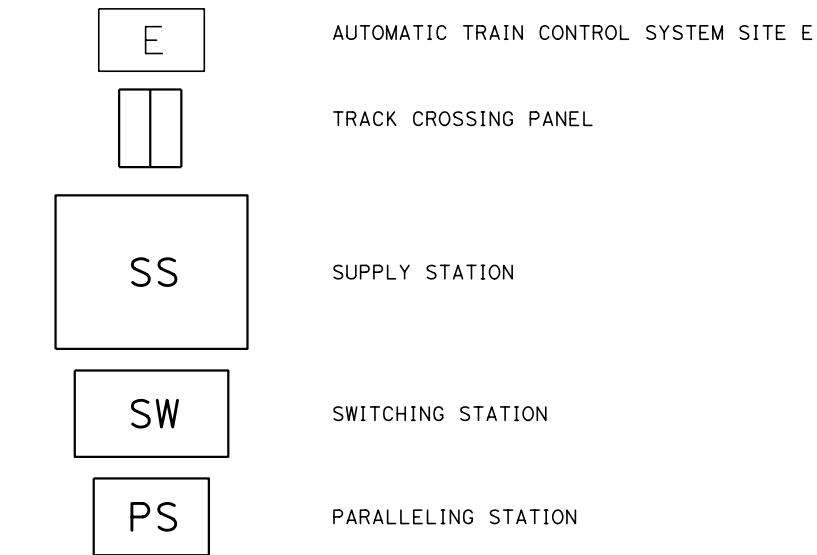
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HSR13-44
 DRAWING NO.
CV-B0007
 SCALE
AS SHOWN
 SHEET NO.

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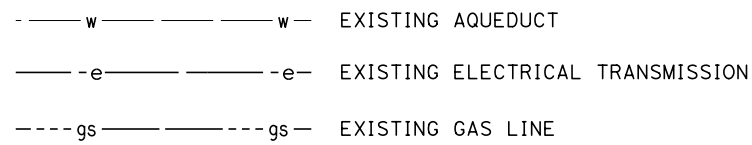
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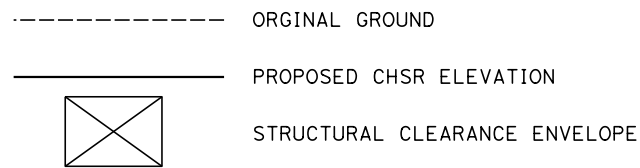
PLAN



UTILITIES



PROFILE



GENERAL NOTES

1. SB TRACK ALIGNMENT STATIONING IS PROVIDED.
2. PROPOSED PERMANENT ENVIRONMENTAL FOOTPRINT (PPEF) SHOWN IS LIMIT OF PERMANENT GROUND DISTURBANCE ASSOCIATED WITH THE PROJECT.
3. PROPOSED TEMPORARY ENVIRONMENTAL FOOTPRINT (PTEF) SHOWN IS LIMIT OF TEMPORARY GROUND DISTURBANCE ASSOCIATED WITH THE PROJECT.
4. ALL UTILITIES ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
5. FOR DETAILED STRUCTURE DEPTH INFORMATION SEE STRUCTURAL PLAN SET.

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D. HOLMAN

DRAWN BY
J. MEREDITH

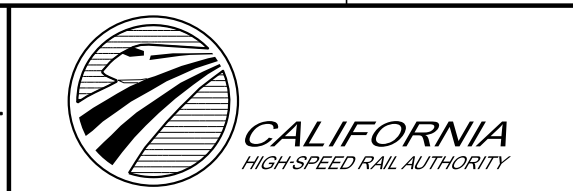
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S. SMITH

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

ALTERNATIVE 1,2,3,5
GENERAL
SYMBOLS, LEGEND, AND GENERAL NOTES
SHEET 1 OF 1

CONTRACT NO.
HSR13-44

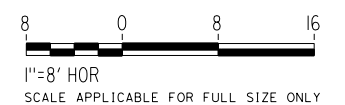
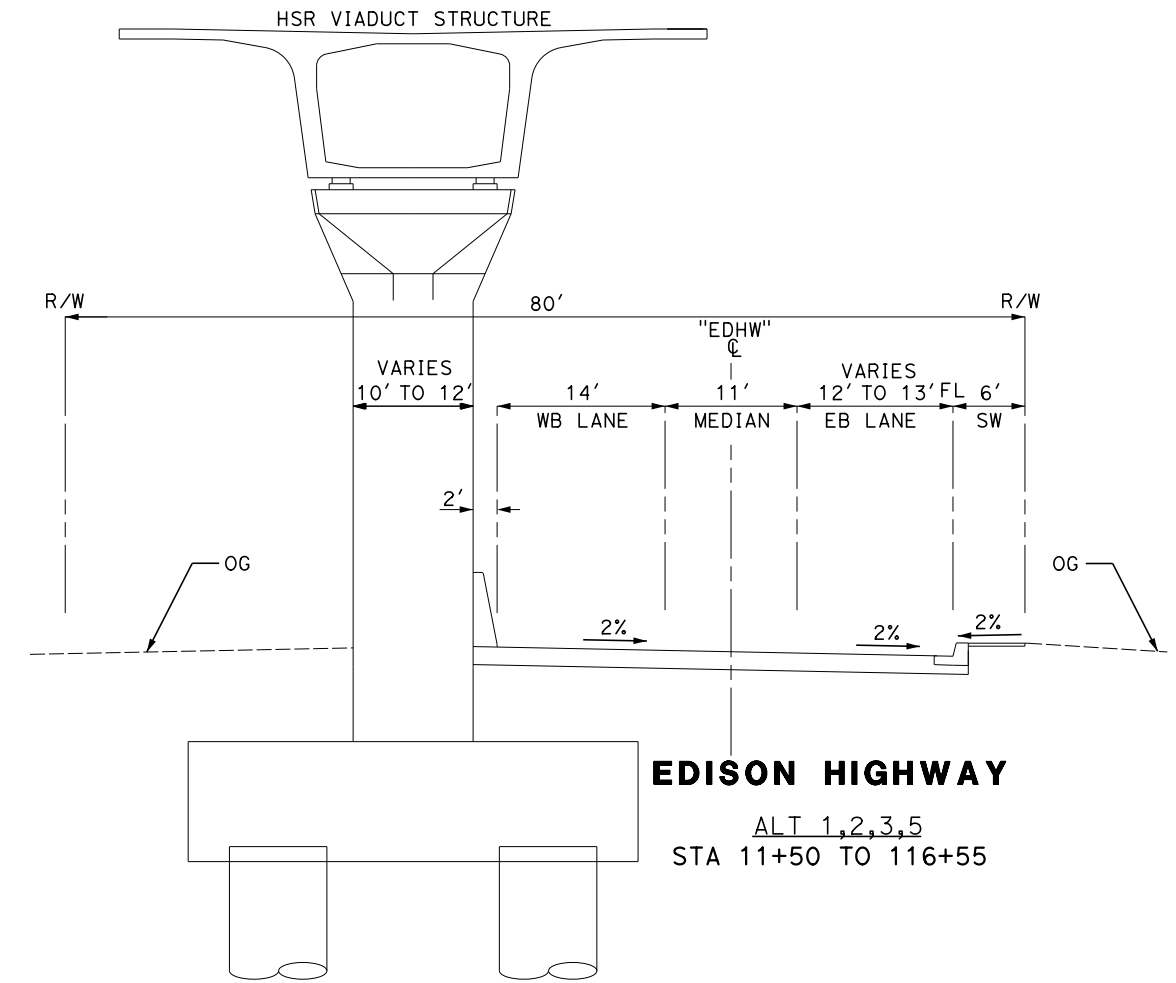
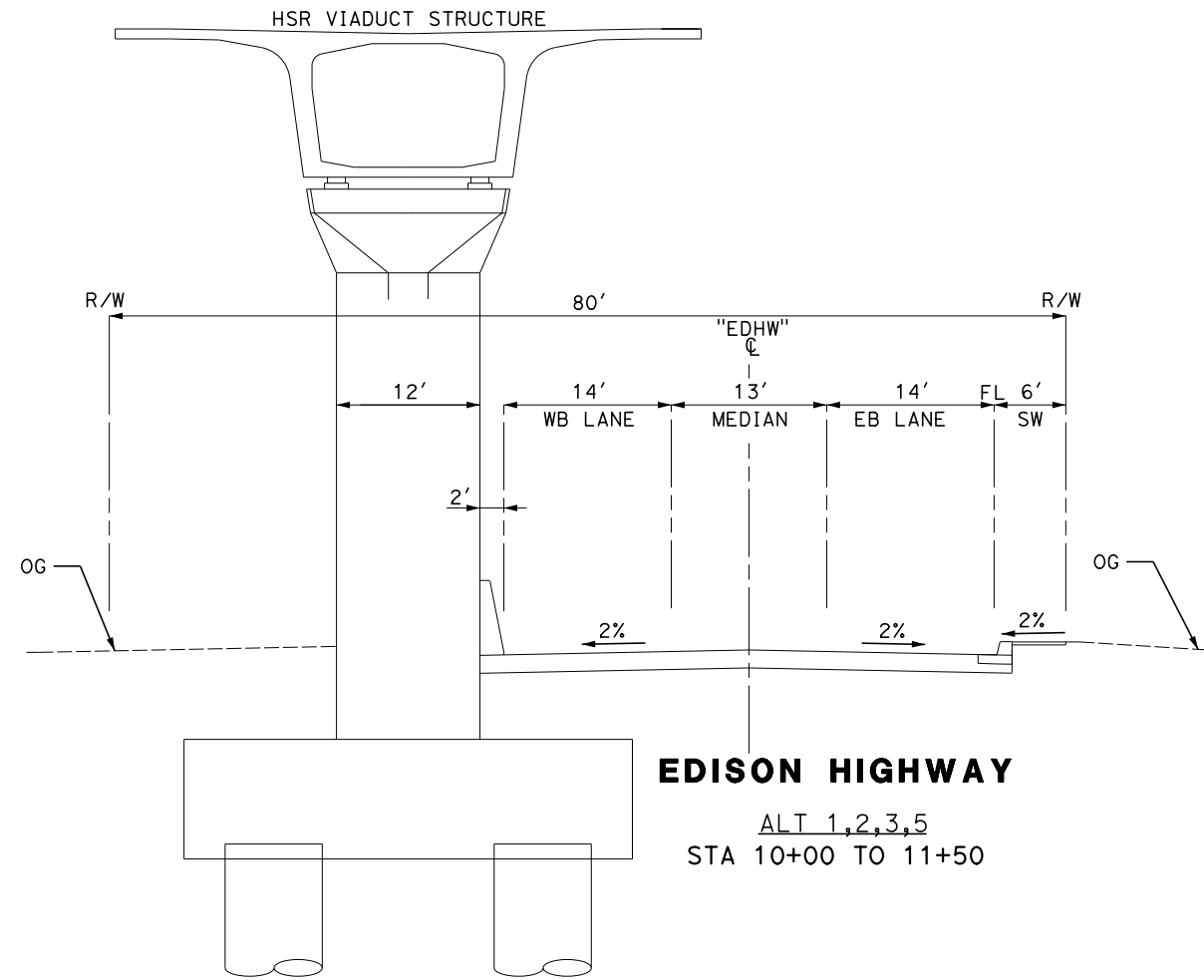
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CV-B0008

SCALE
AS SHOWN

SHEET NO.

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DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

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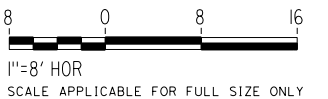
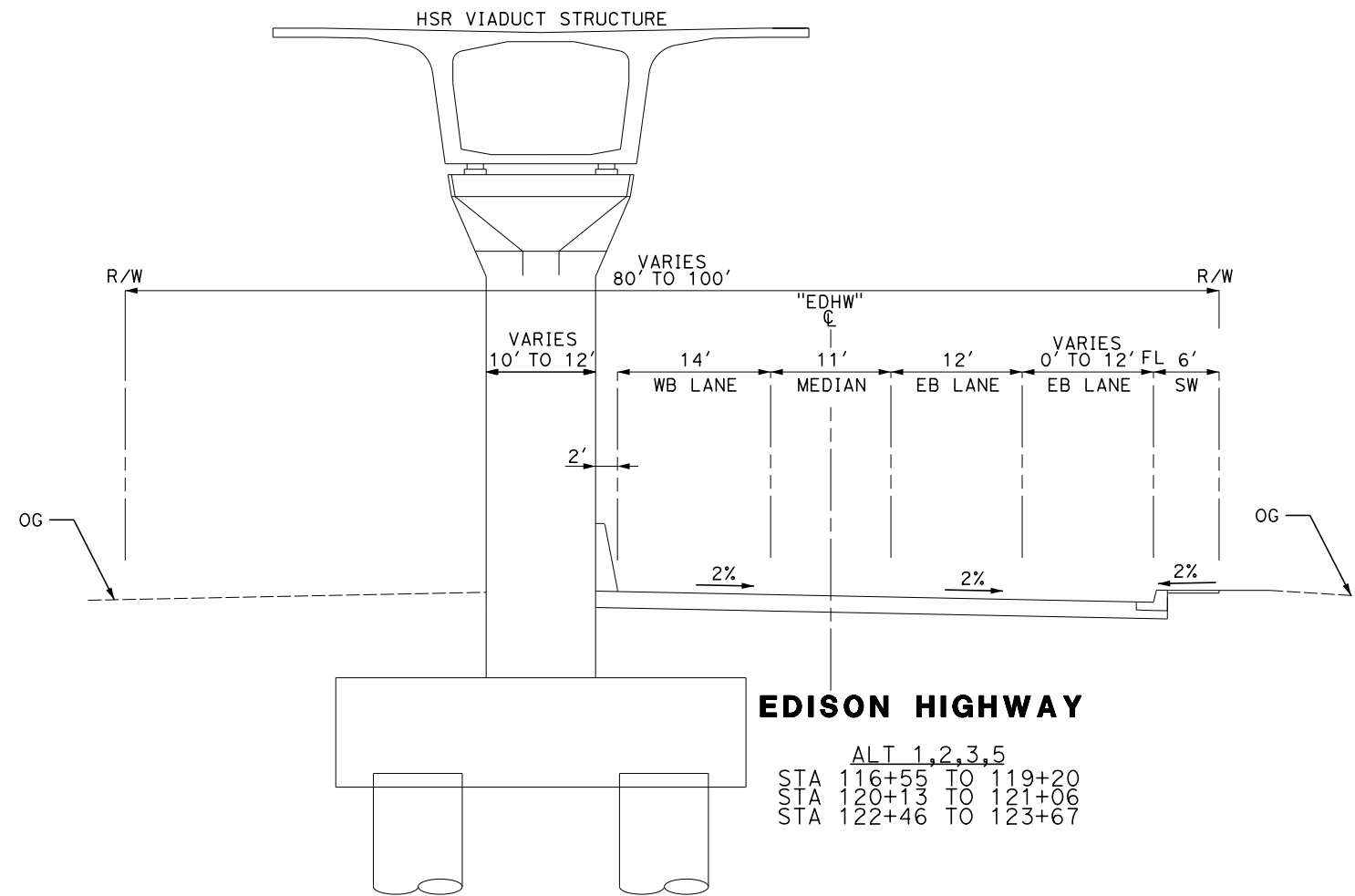


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
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DRAWING NO.
CV-B3001
SCALE
AS SHOWN
SHEET NO.

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S. SMITH

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

ALTERNATIVE 1,2,3,5

GENERAL
TYPICAL SECTIONS

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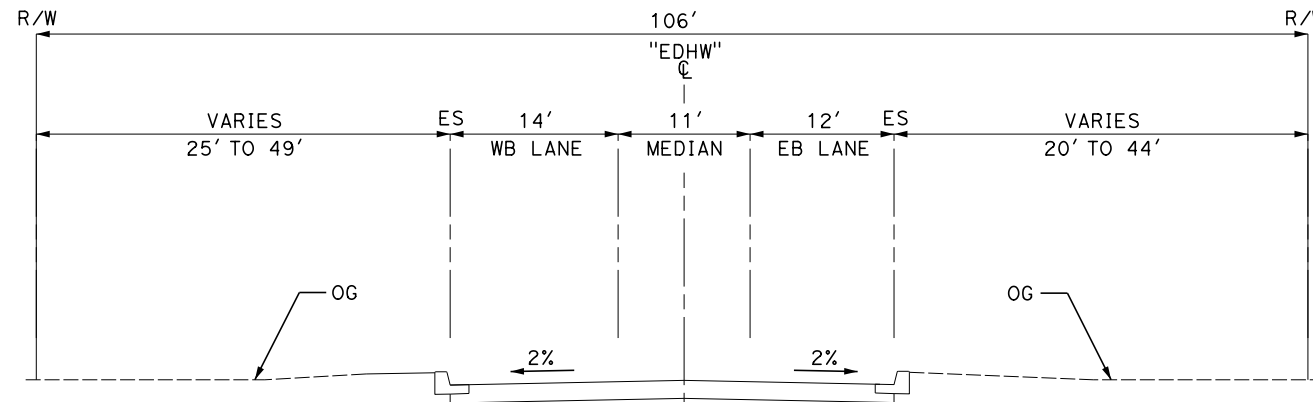
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SCALE
AS SHOWN

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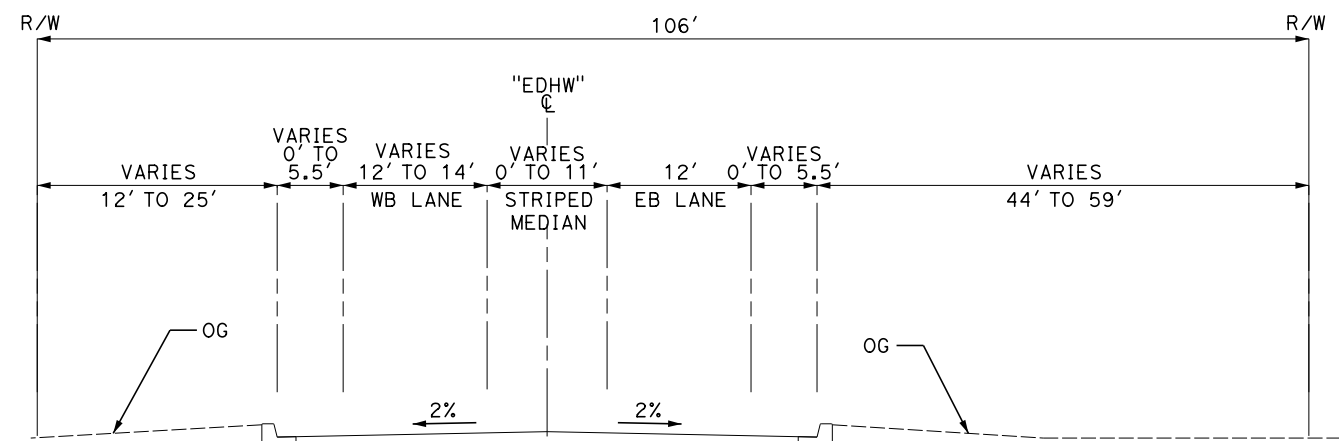
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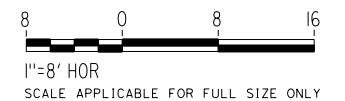
EDISON HIGHWAY

ALT 1,2,3,5
STA 124+38 TO 130+92



EDISON HIGHWAY

ALT 1,2,3,5
STA 130+92 TO 135+50



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

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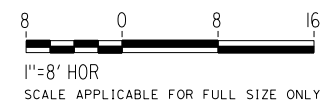
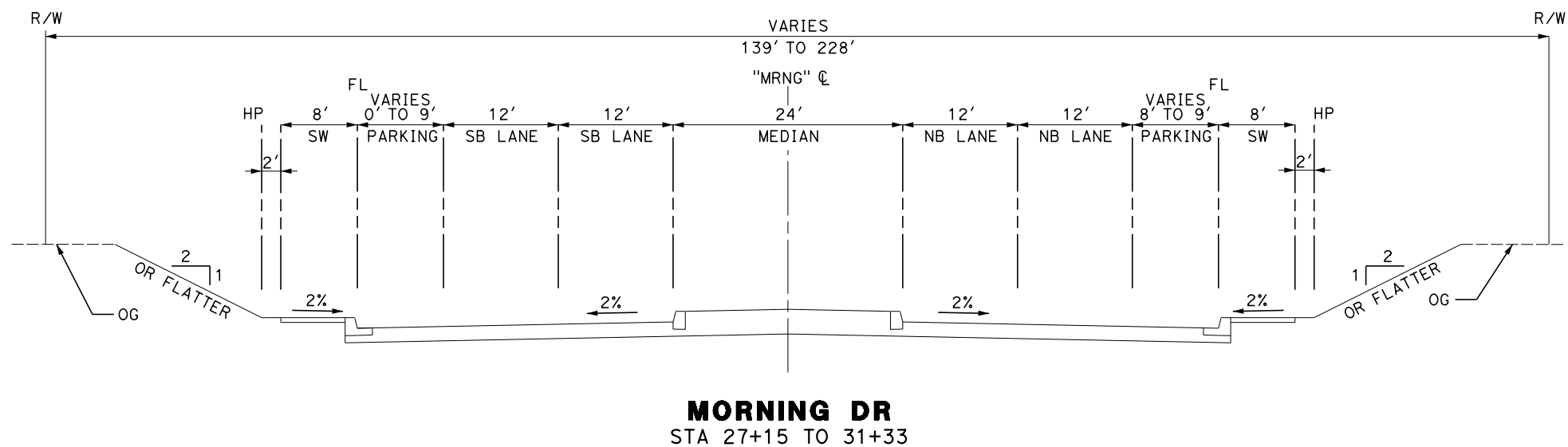
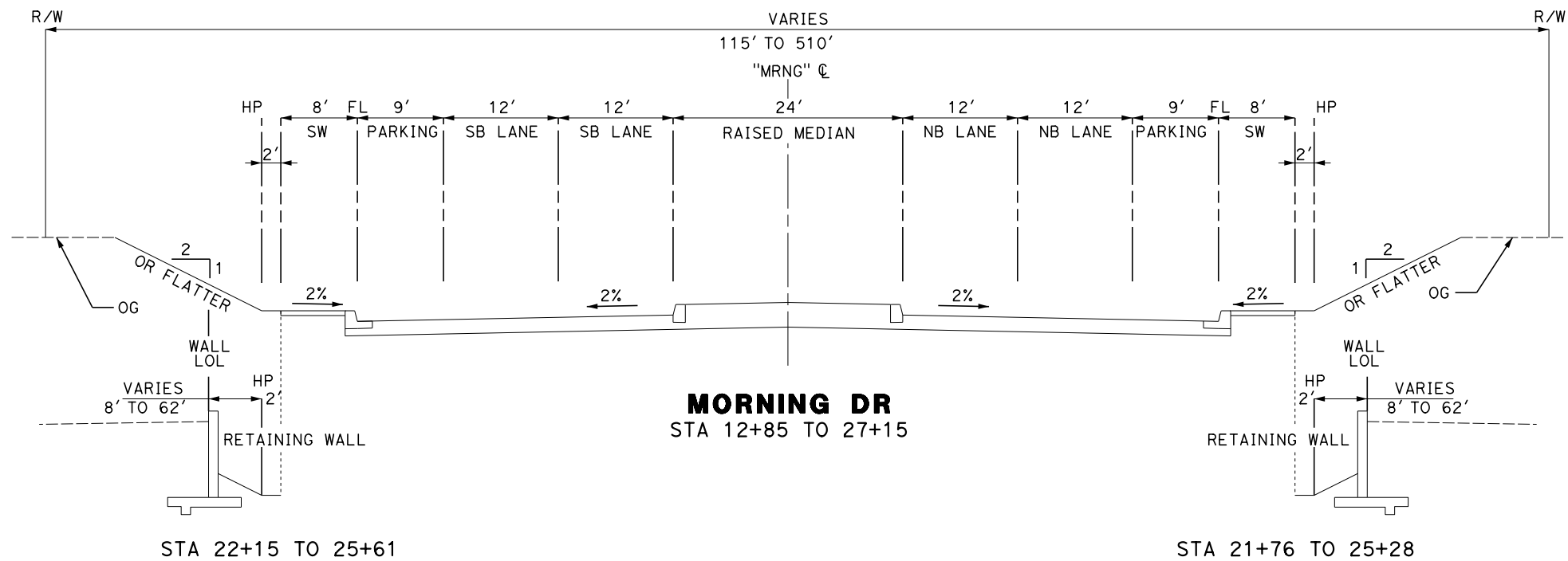
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
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CV-B3003
SCALE
AS SHOWN
SHEET NO.

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D. HOLMAN

DRAWN BY
A. CARSON

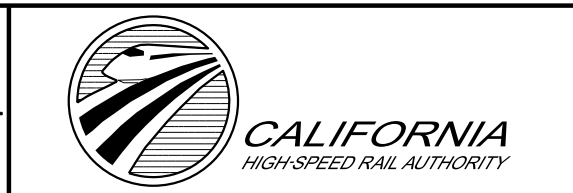
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G. CAMPBELL

IN CHARGE
S. SMITH

DATE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

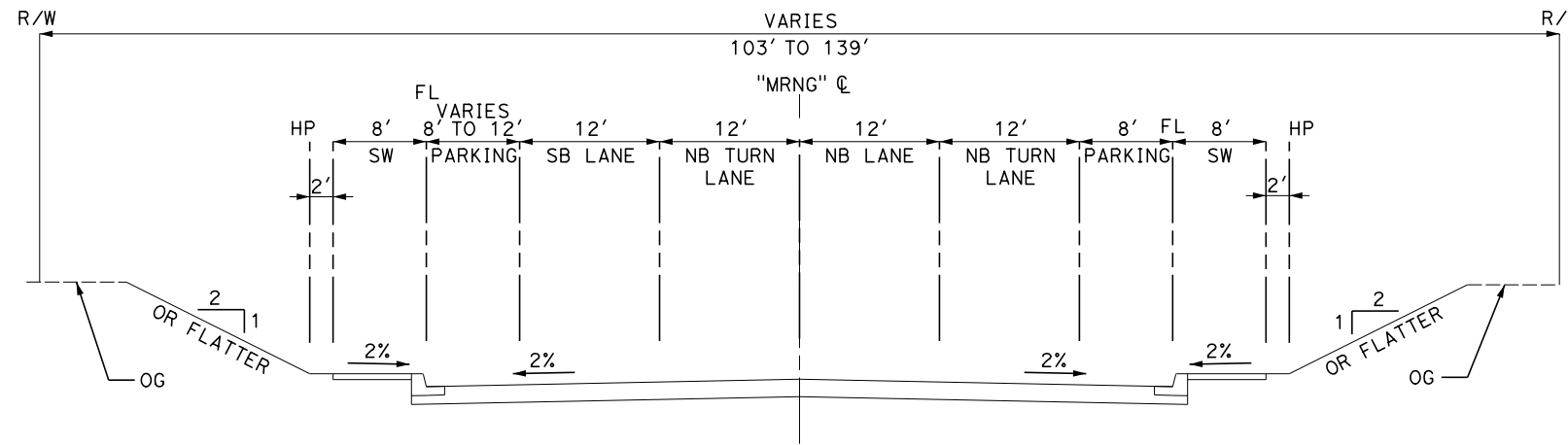
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AS SHOWN

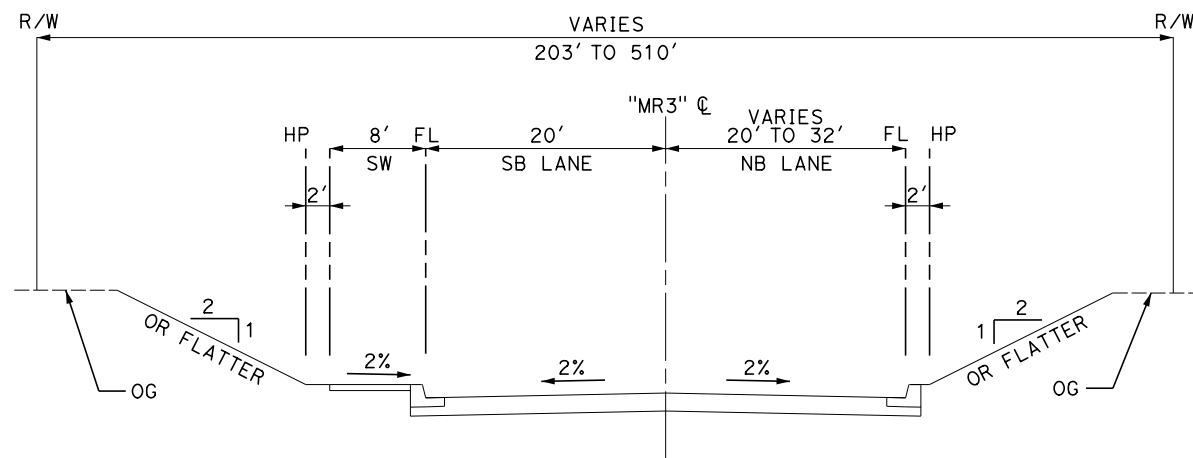
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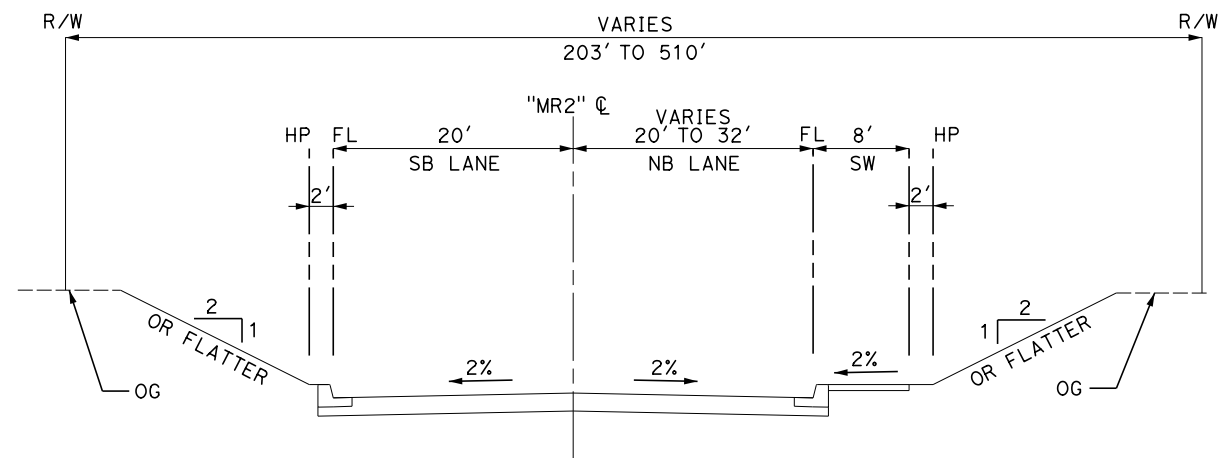
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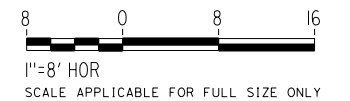
MORNING DR
STA 31+33 TO 34+95



MORNING DR WEST RAMP
STA 11+00 TO 19+75



MORNING DR EAST RAMP
STA 11+00 TO 18+50



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DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
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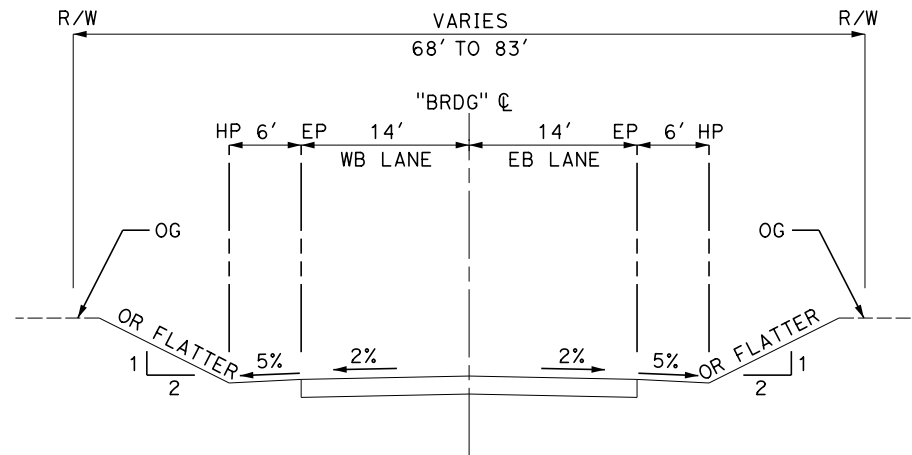


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

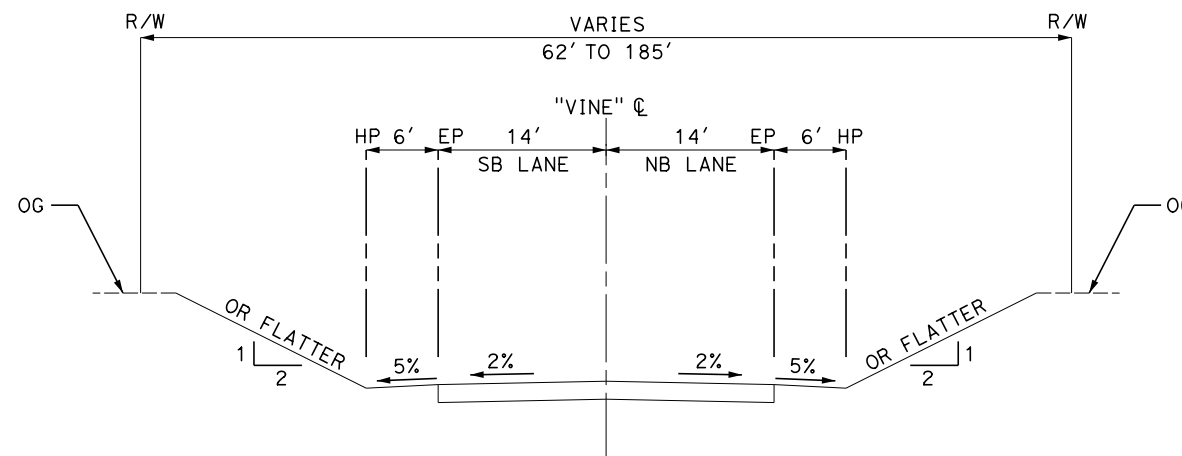
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DRAWING NO.
CV-B3005
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AS SHOWN
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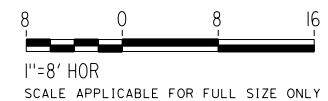
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BRUNDAGE RD
STA 12+18 TO 23+82



VINELAND RD
STA 14+40 TO 24+00



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D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

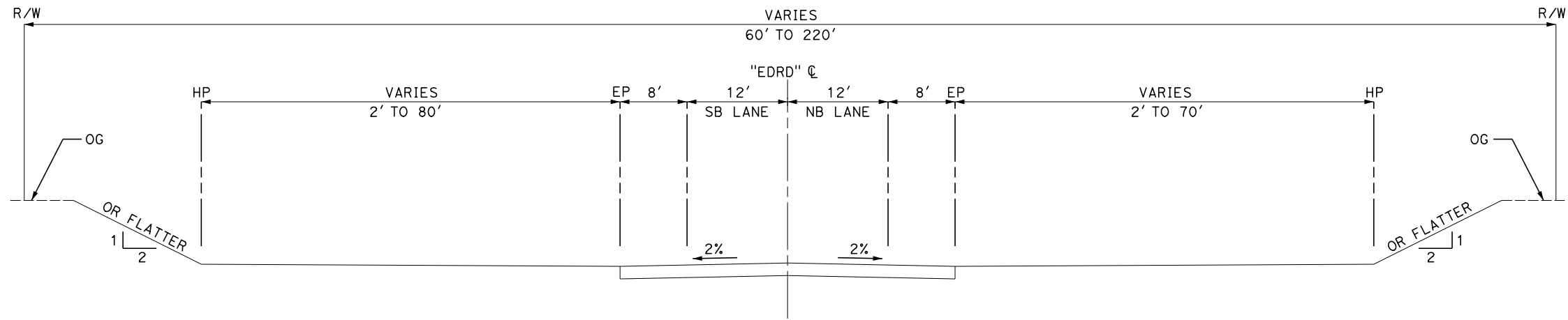
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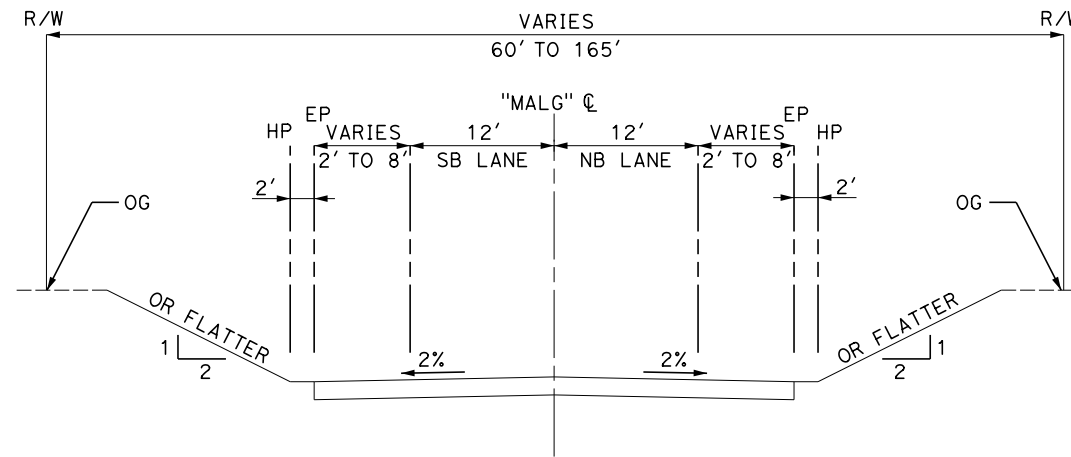


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

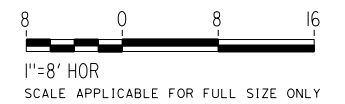
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3006
SCALE
AS SHOWN
SHEET NO.



EDISON RD
STA 13+00 TO 30+80



MALAGA RD
STA 19+25 TO 37+00



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D. HOLMAN
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A. CARSON
CHECKED BY
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IN CHARGE
S. SMITH
DATE
10/31/2017

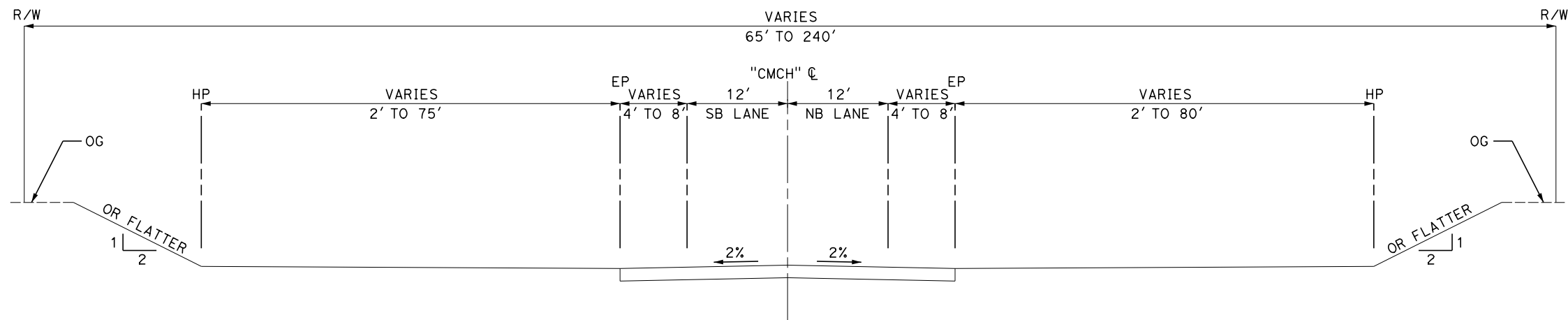
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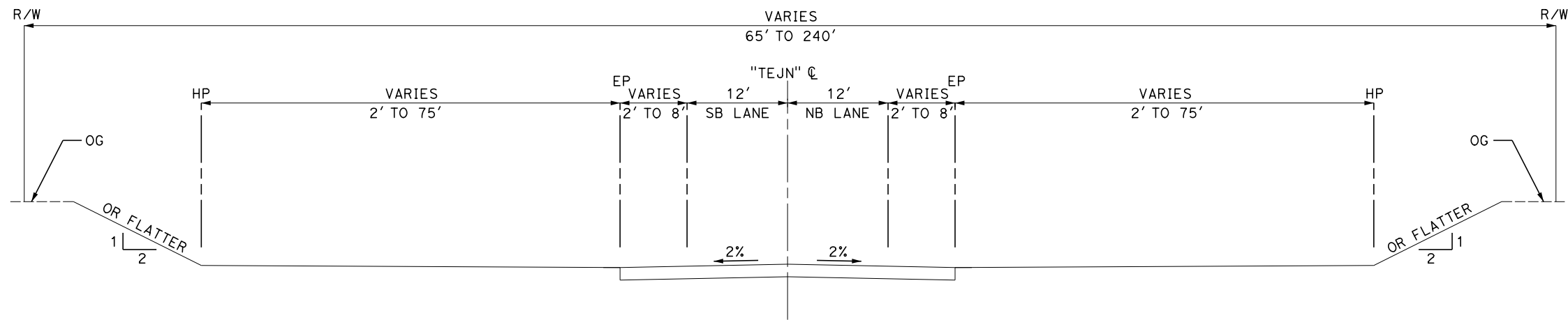


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

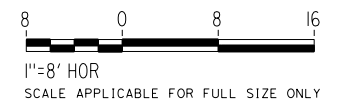
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3007
SCALE
AS SHOWN
SHEET NO.



COMANCHE DR
STA 16+50 TO 35+50



TEJON HWY
STA 19+00 TO 37+85



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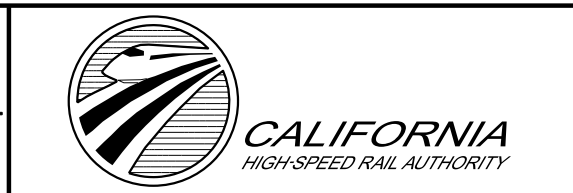
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A. CARSON
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G. CAMPBELL
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S. SMITH
DATE
10/31/2017

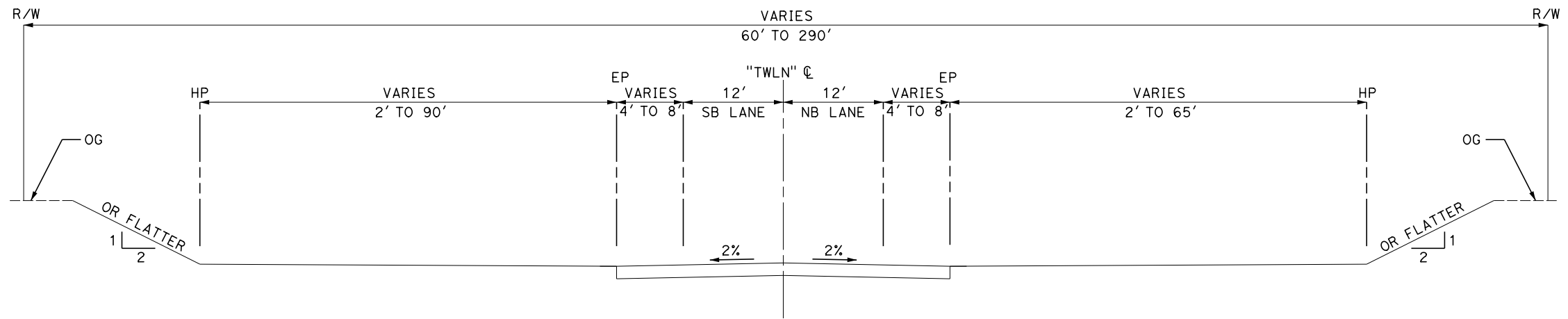
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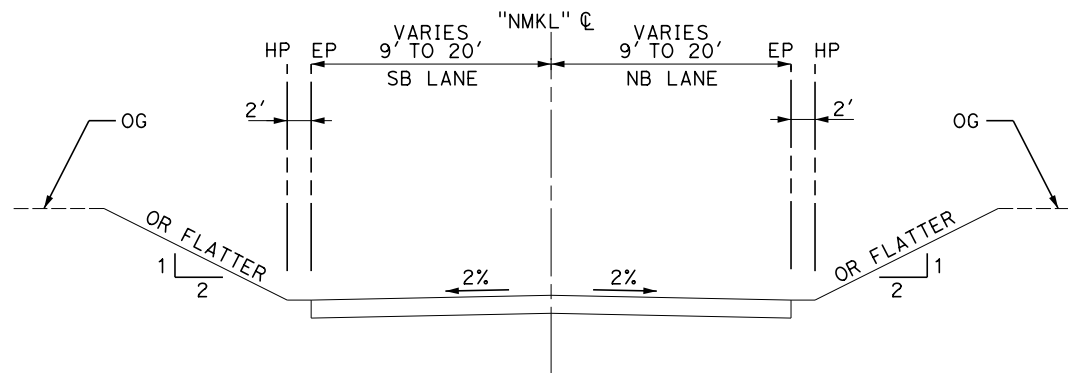


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

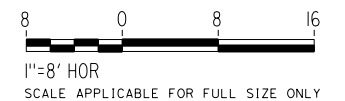
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3008
SCALE
AS SHOWN
SHEET NO.



TOWERLINE RD
STA 13+50 TO 36+25



NEUMARKEL RD
STA 13+50 TO 29+00



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S. SMITH
DATE
10/31/2017

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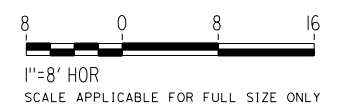
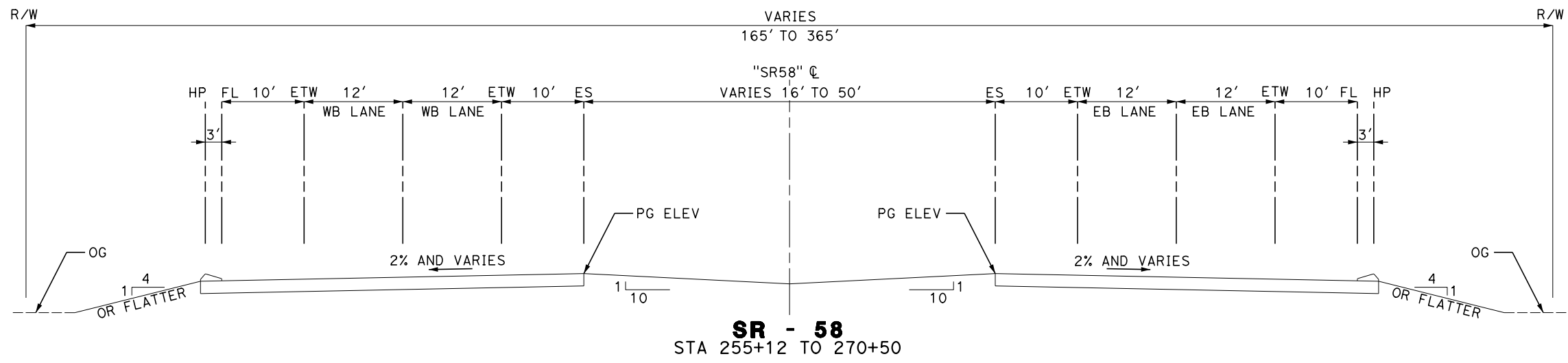
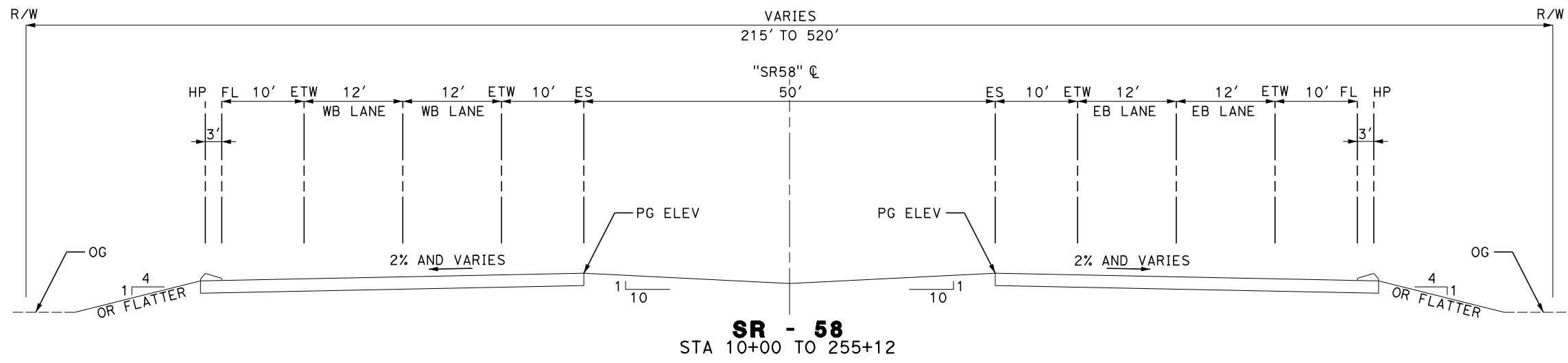
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
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ALTERNATIVE 1,3,5
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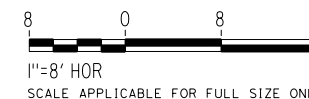
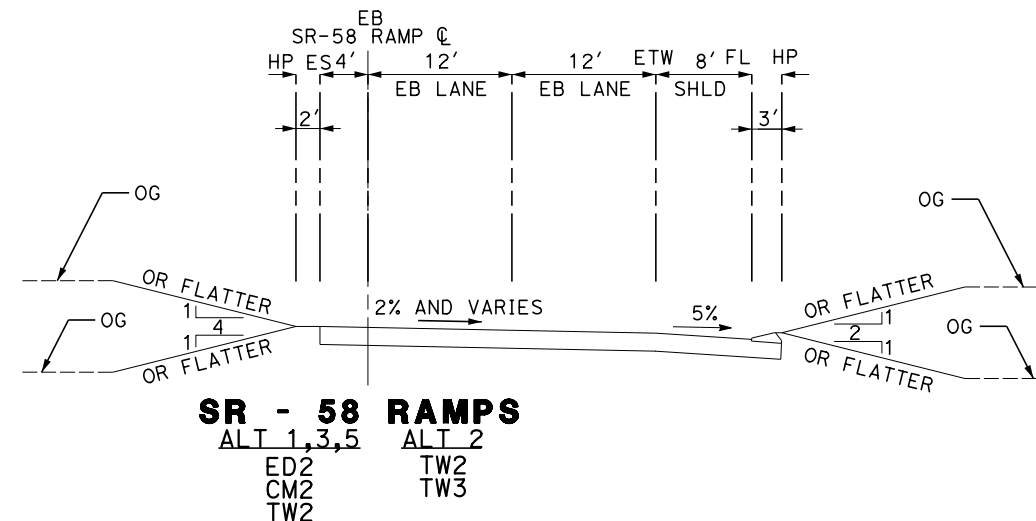
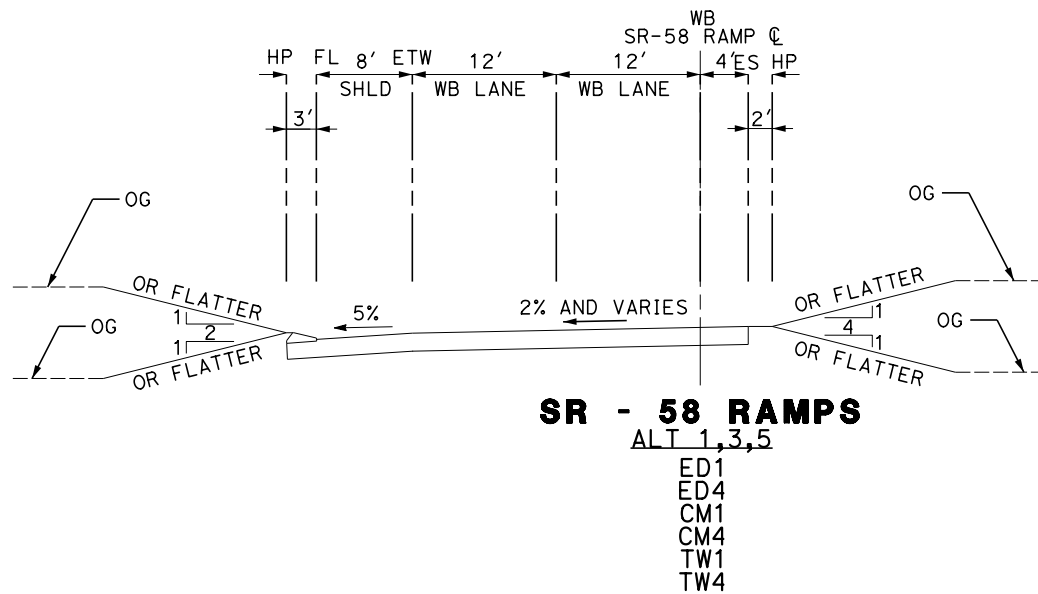
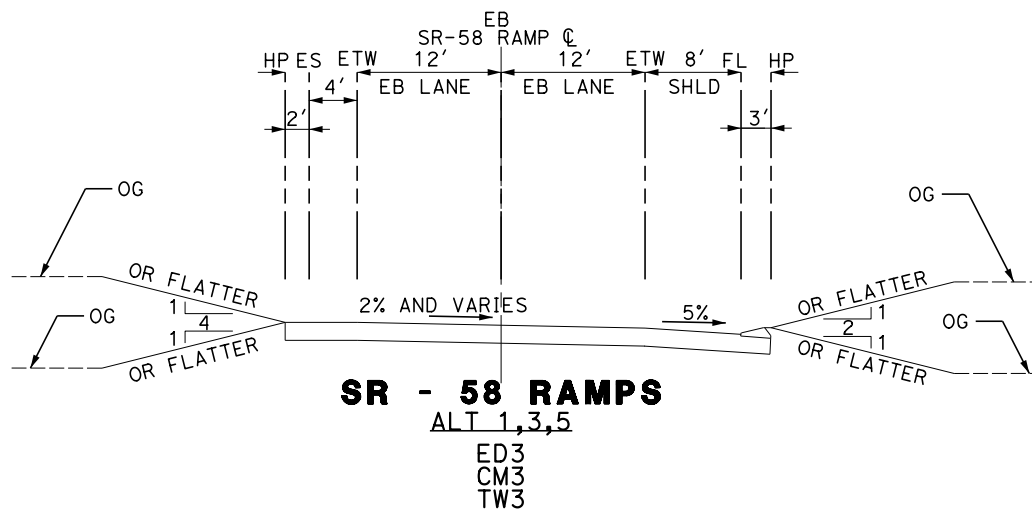
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CV-B3010

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AS SHOWN

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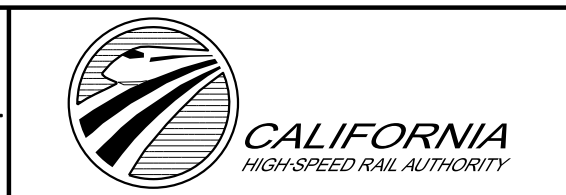


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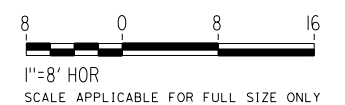
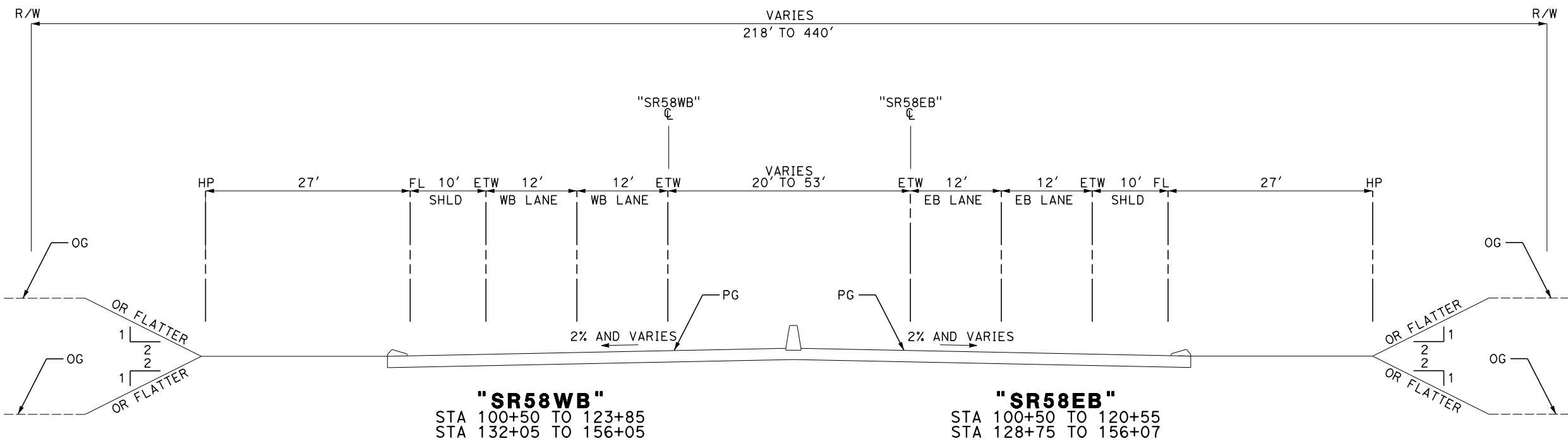
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CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3011
SCALE
AS SHOWN
SHEET NO.



Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3051.dgn
 11/3/2017 4:44:27 PM
 OIC:Arivera

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

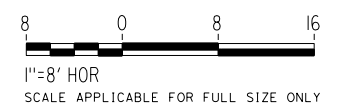
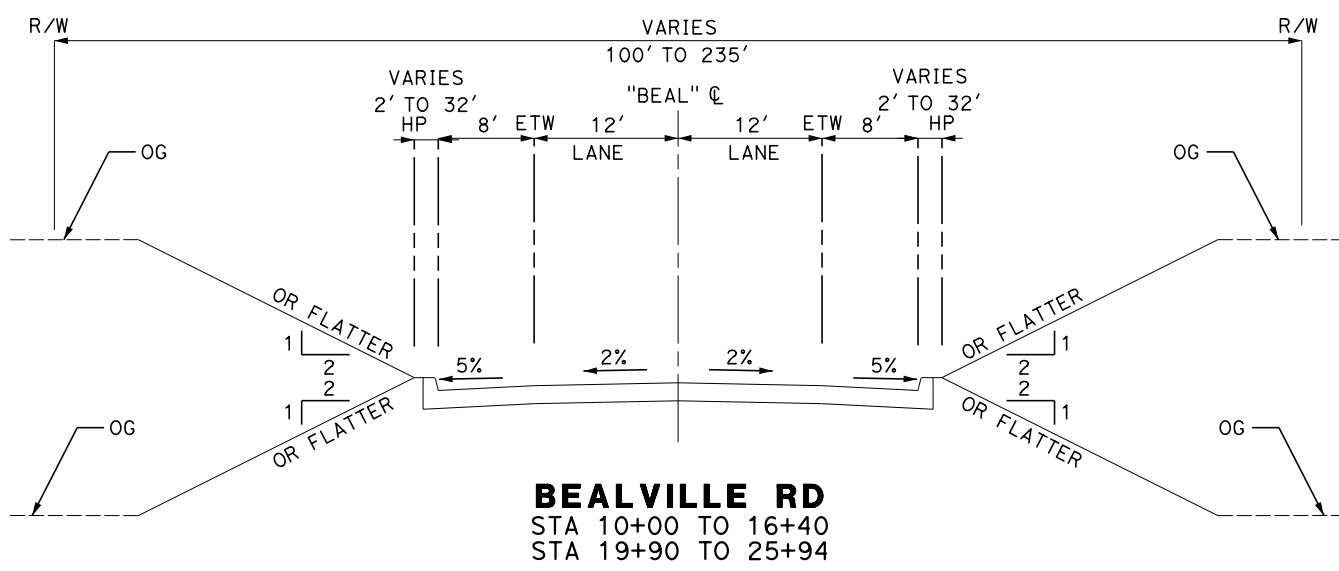
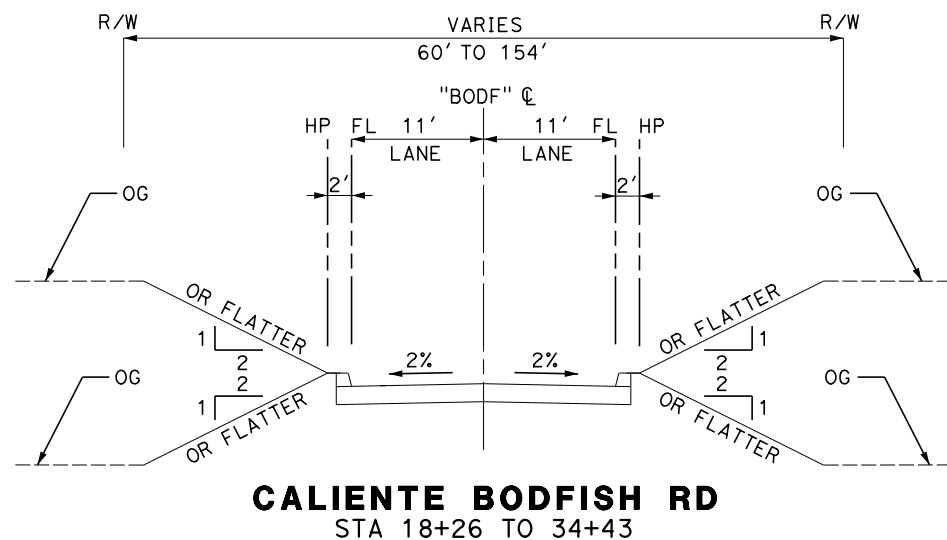
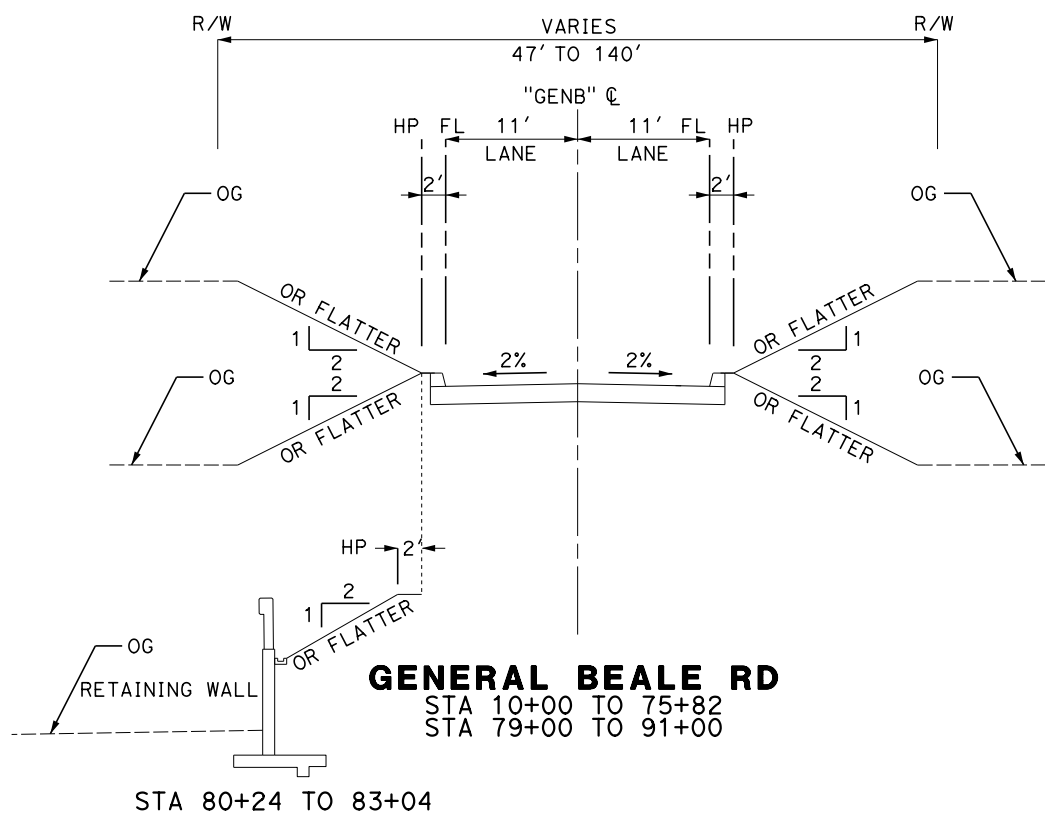


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3051
 SCALE
AS SHOWN
 SHEET NO.

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11/3/2017 4:44:41 PM
OIC:Arivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

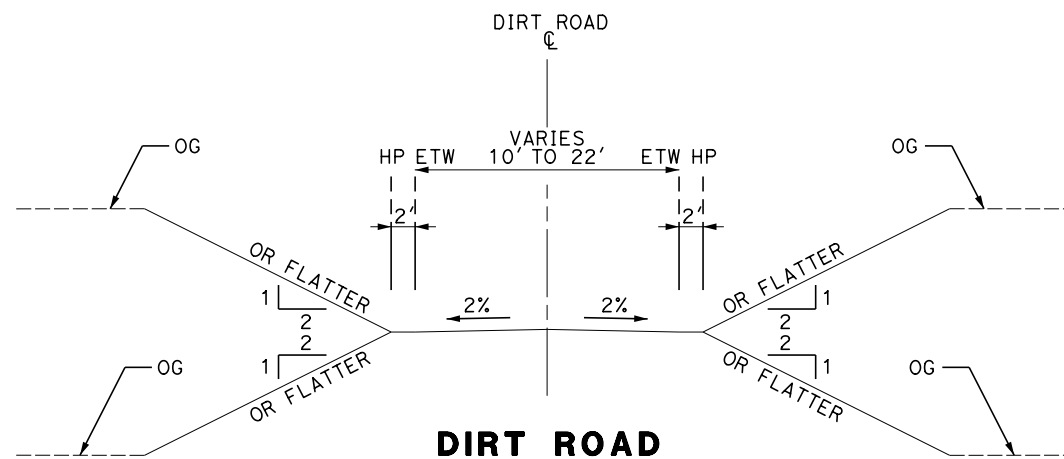


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3053
 SCALE
AS SHOWN
 SHEET NO.

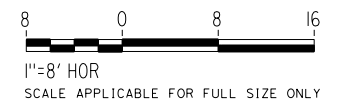
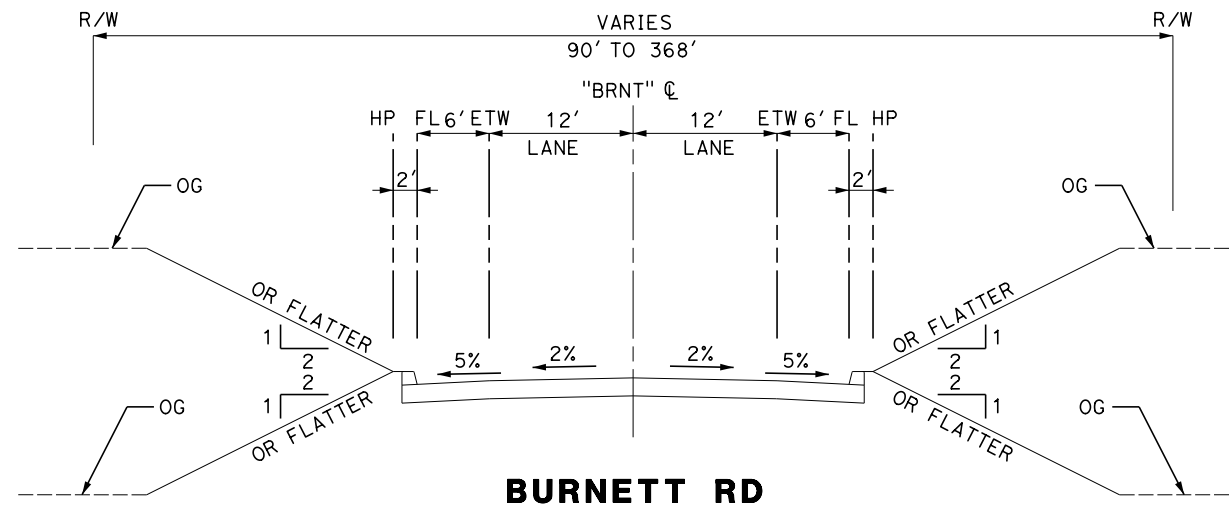
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OIC:Arivera



ALT 1,2,3,5 ALT 3
 "18125"
 "18206"
 "18242"
 "18495"
 "18700"
 "19245"
 "19690"

NOTE:
 DIRT ROADS DESIGNED TO MAINTAIN EXISTING ACCESS AND ARE NOT
 DESIGNED TO PROVIDE HSR ACCESS.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

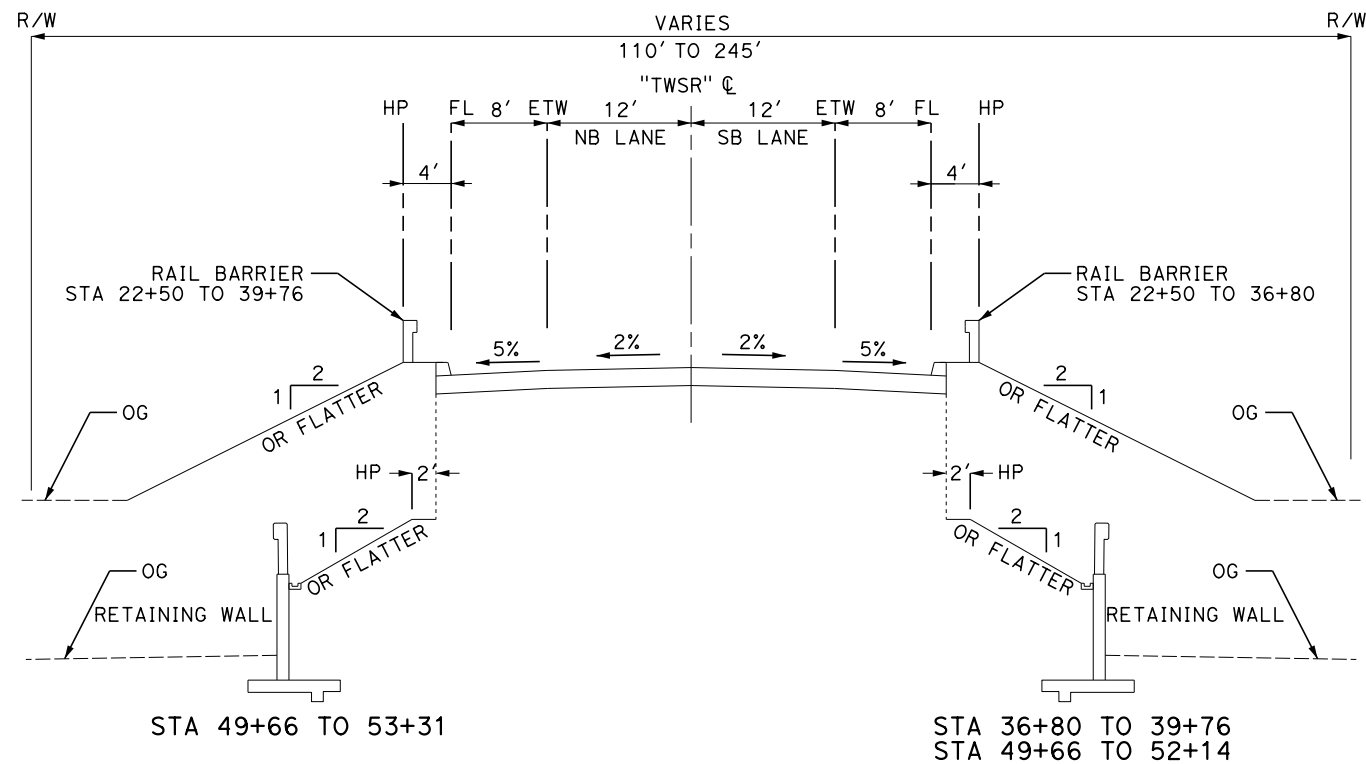


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

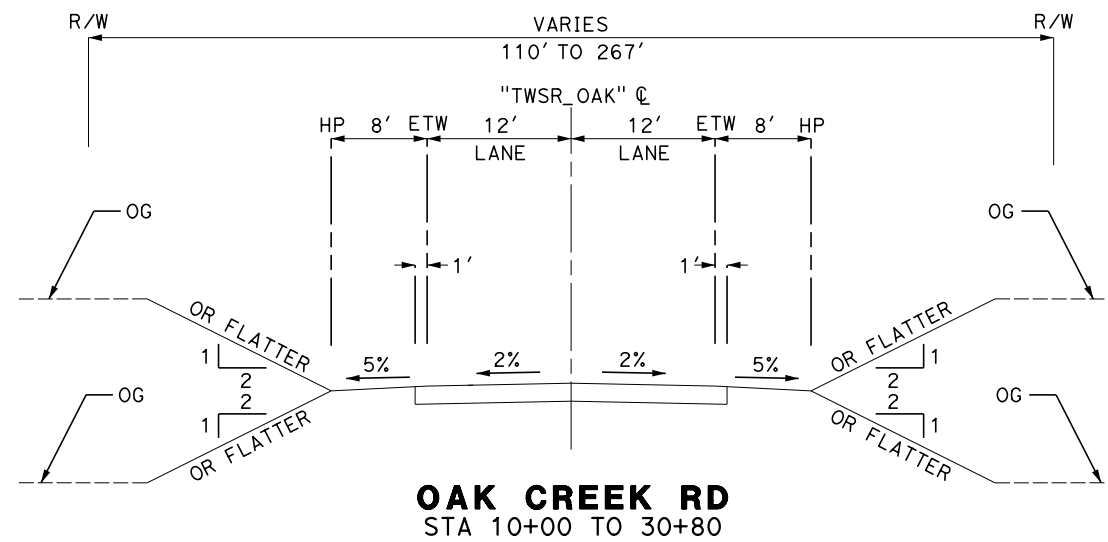
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HSR13-44
 DRAWING NO.
CV-B3054
 SCALE
AS SHOWN
 SHEET NO.

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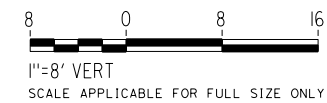
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OIC:ARivera



TEHACHAPI WILLOW SPRINGS RD
STA 16+70 TO 39+76
STA 49+66 TO 60+25



OAK CREEK RD
STA 10+00 TO 30+80

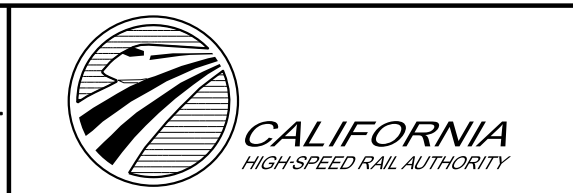


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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DRAWN BY
A. CARSON
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IN CHARGE
S. SMITH
DATE
10/31/2017

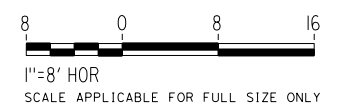
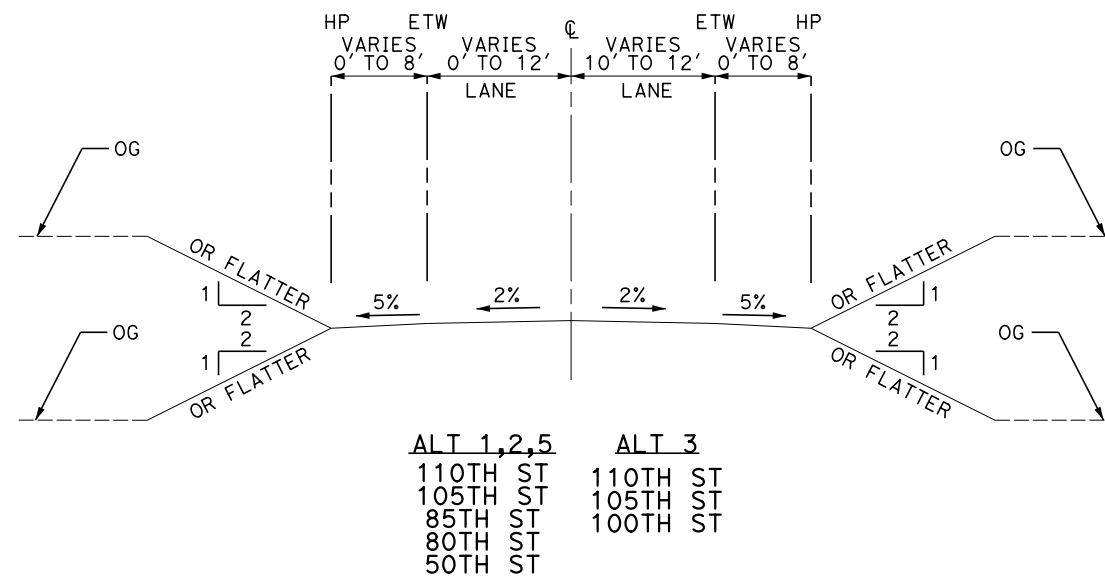
**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3055
SCALE
AS SHOWN
SHEET NO.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



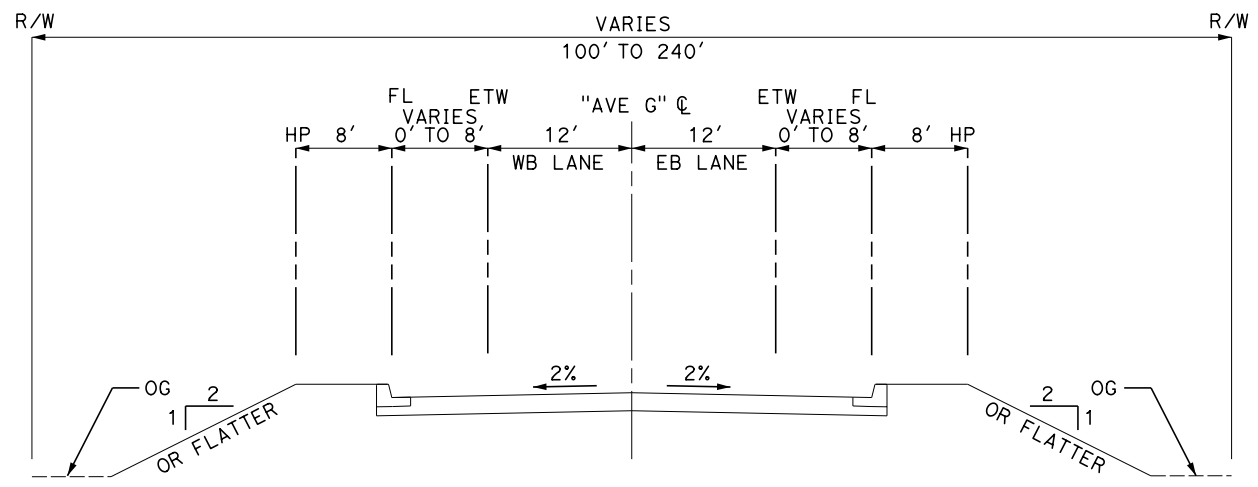
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

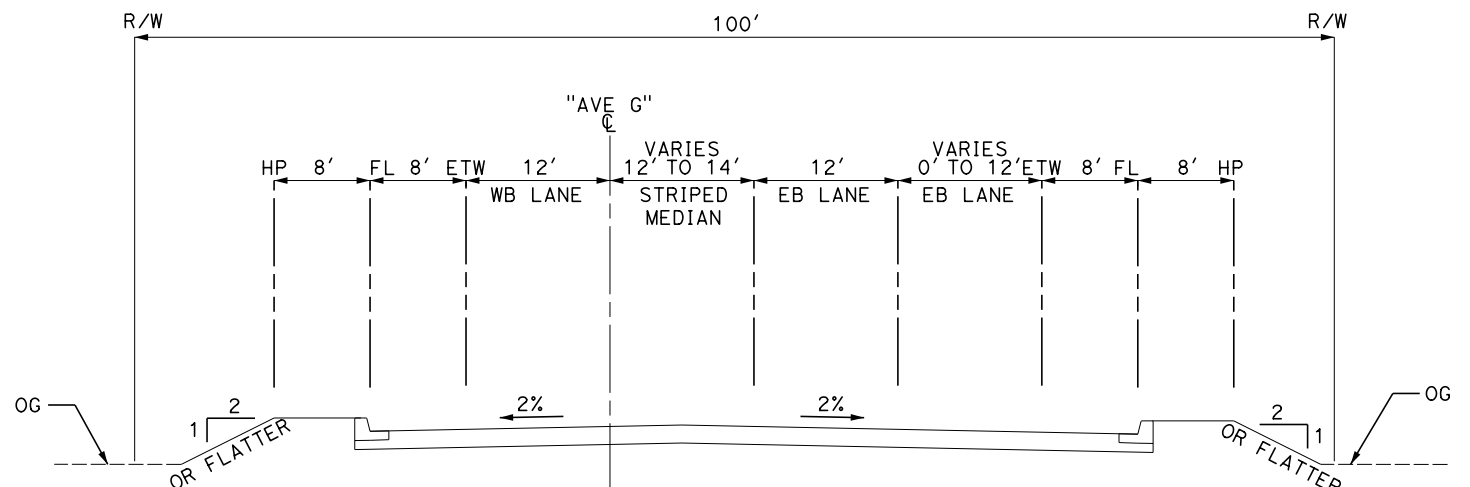
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HSR13-44
 DRAWING NO.
CV-B3056
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AS SHOWN
 SHEET NO.

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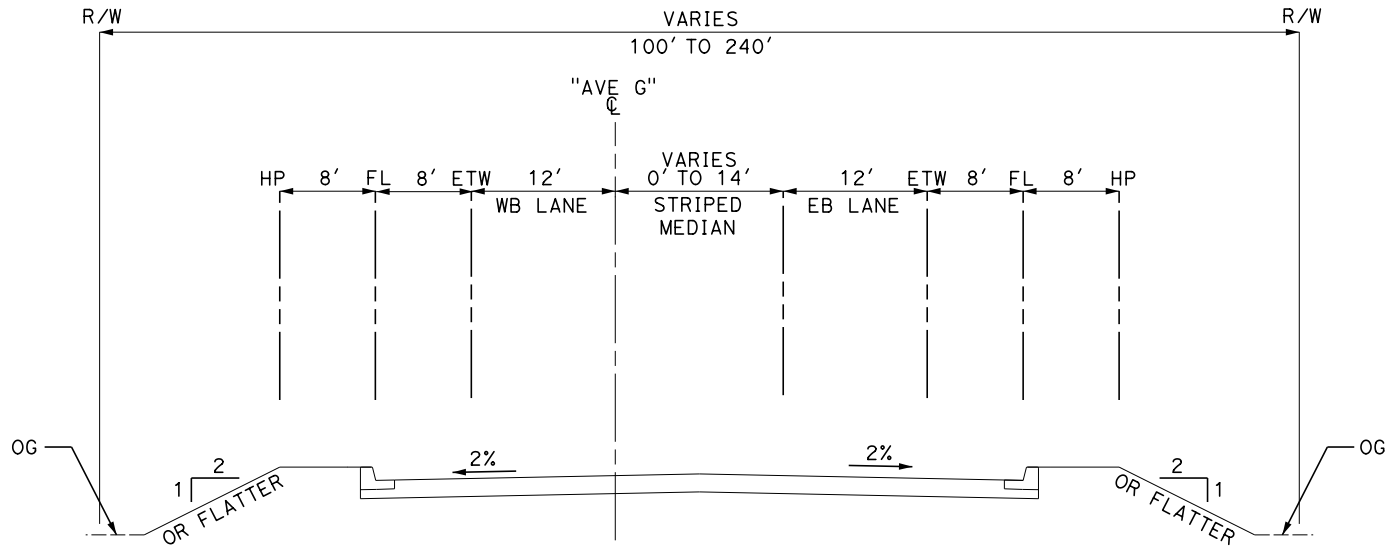
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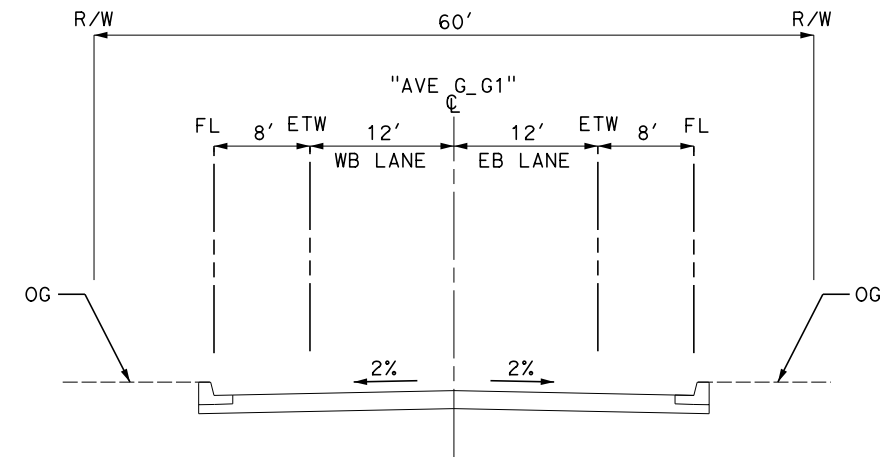
AVE G
 STA 24+00 TO 35+41
 STA 38+30 TO 42+52
 STA 44+52 TO 45+50



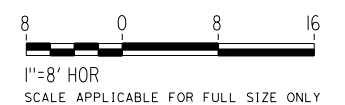
AVE G
 STA 53+00 TO 57+00



AVE G
 STA 45+50 TO 56+00



AVE G ROAD (AVE G - G1 AND G2)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
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 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

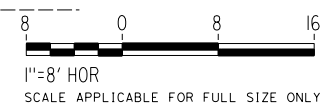
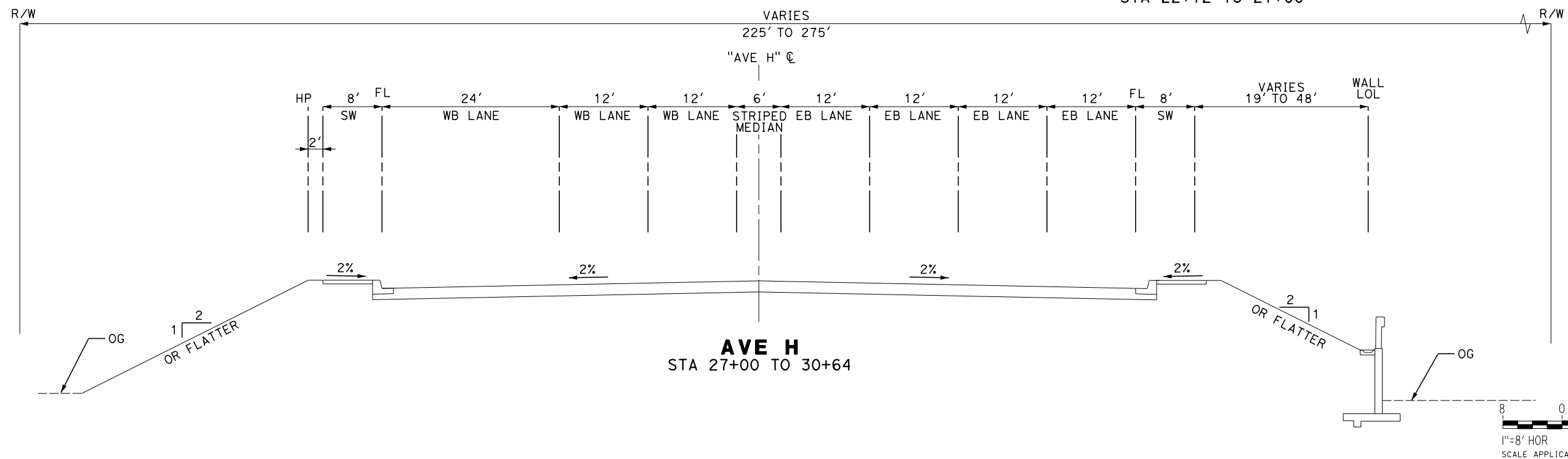
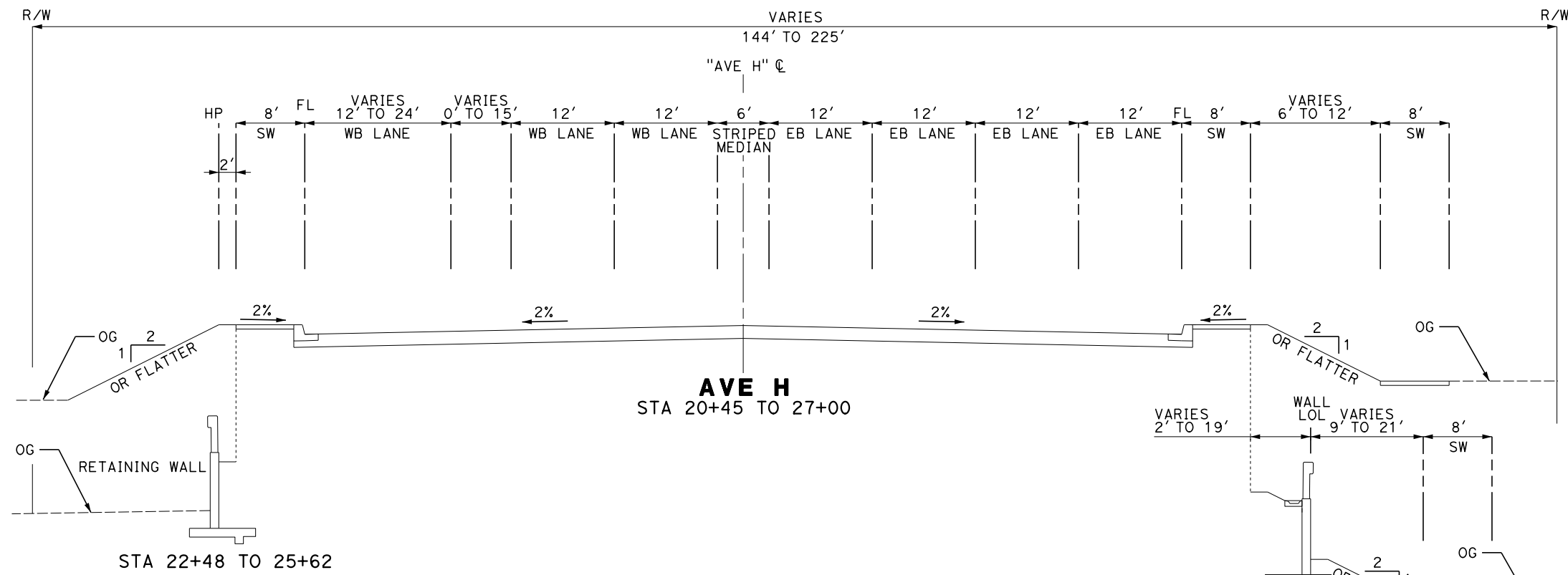


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3100
 SCALE
AS SHOWN
 SHEET NO.

Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3101.dgn

11/3/2017 4:52:34 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

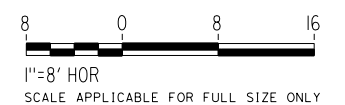
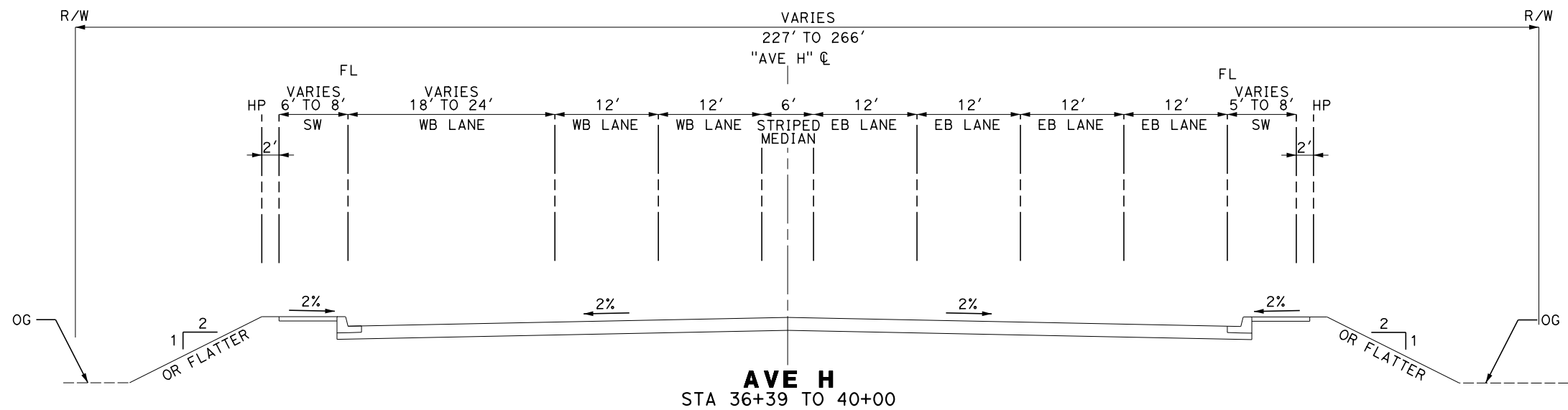


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3101
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3102.dgn

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL

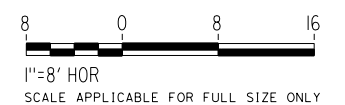
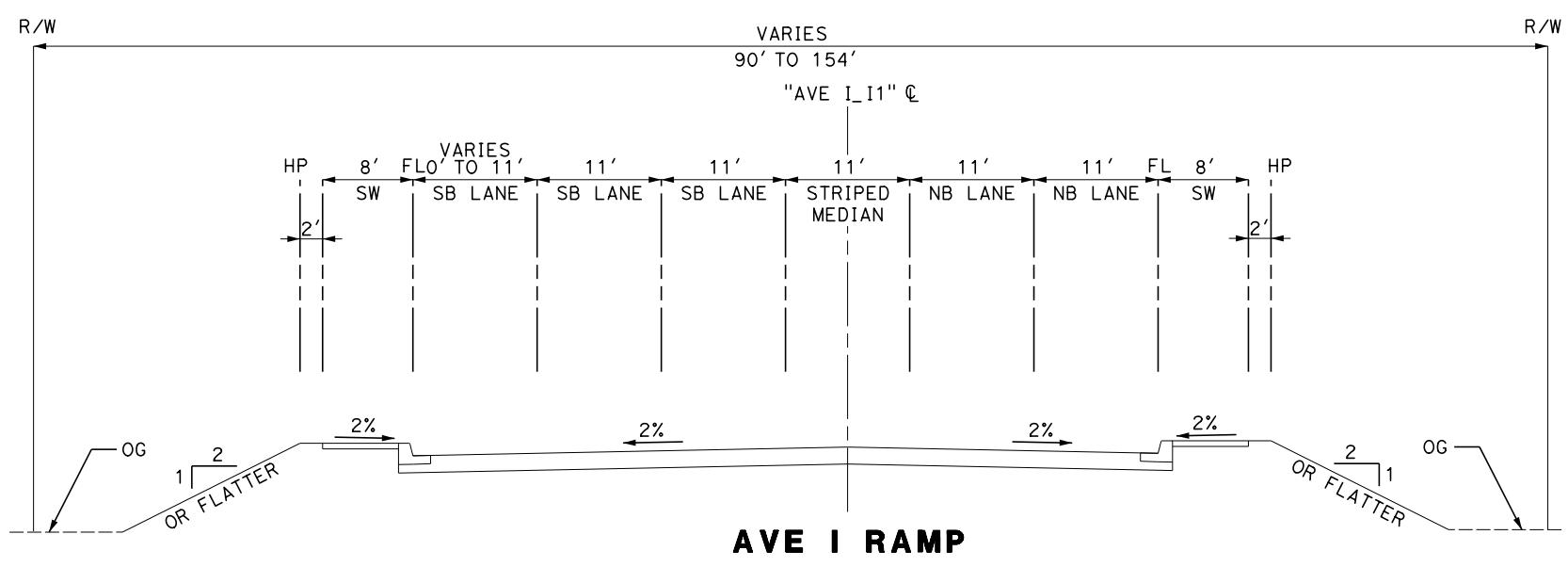
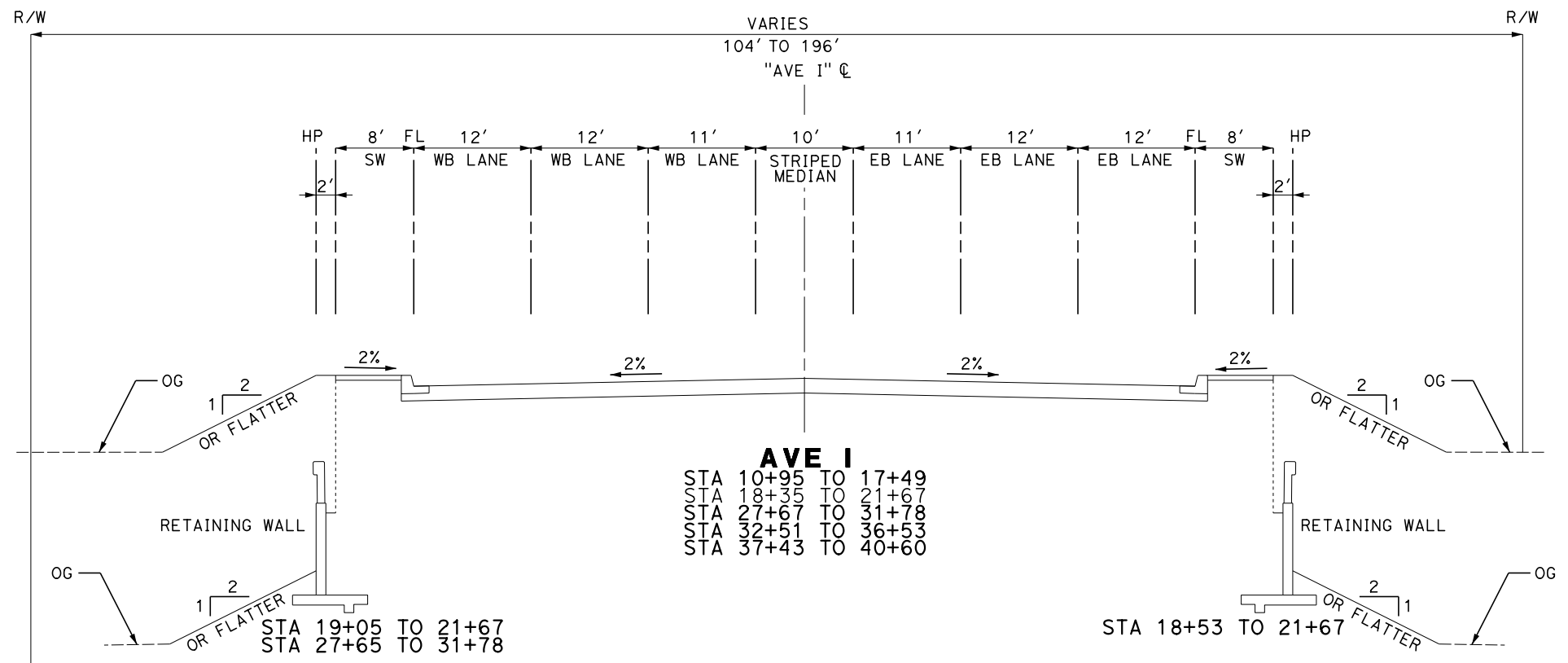


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3102
SCALE
AS SHOWN
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Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3107.dgn

11/3/2017 4:53:37 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

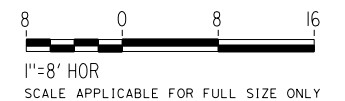
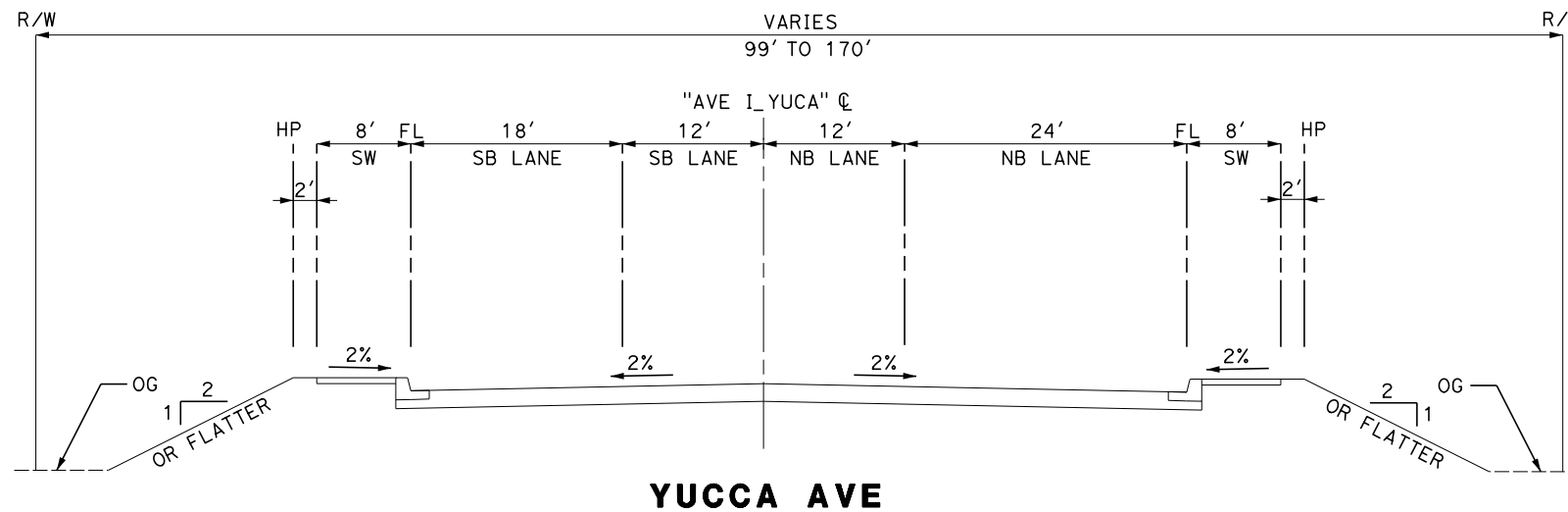
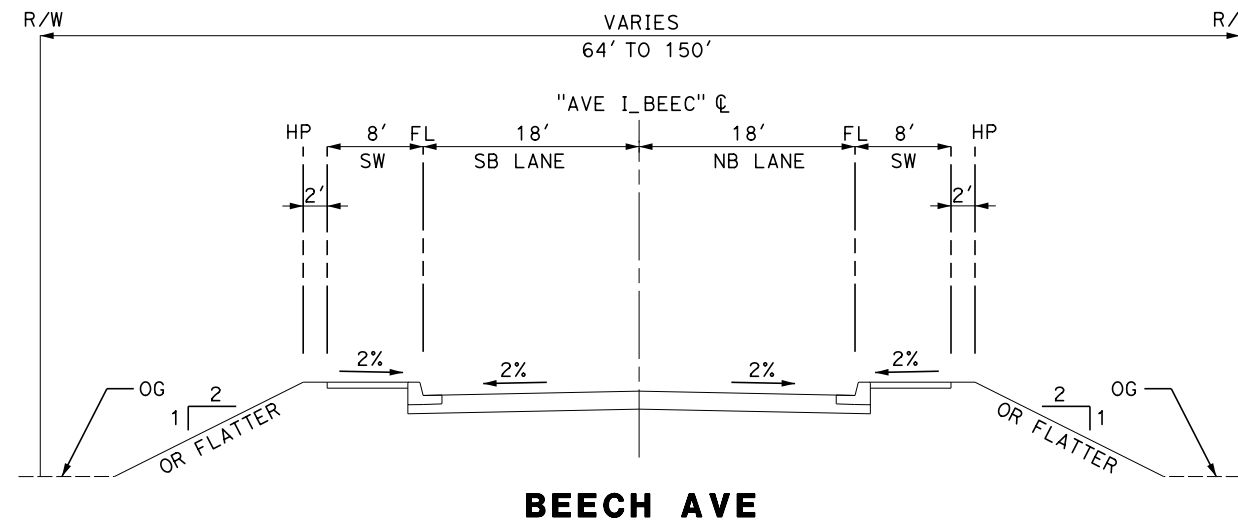


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3107
SCALE
AS SHOWN
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Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3108.dgn

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OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

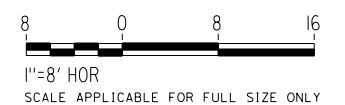
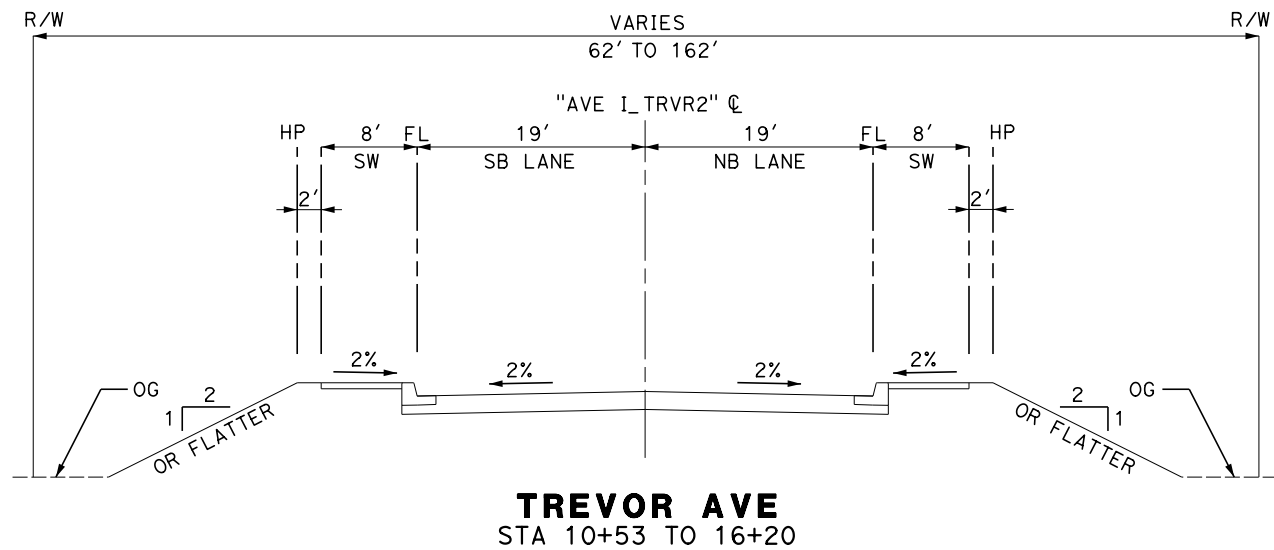
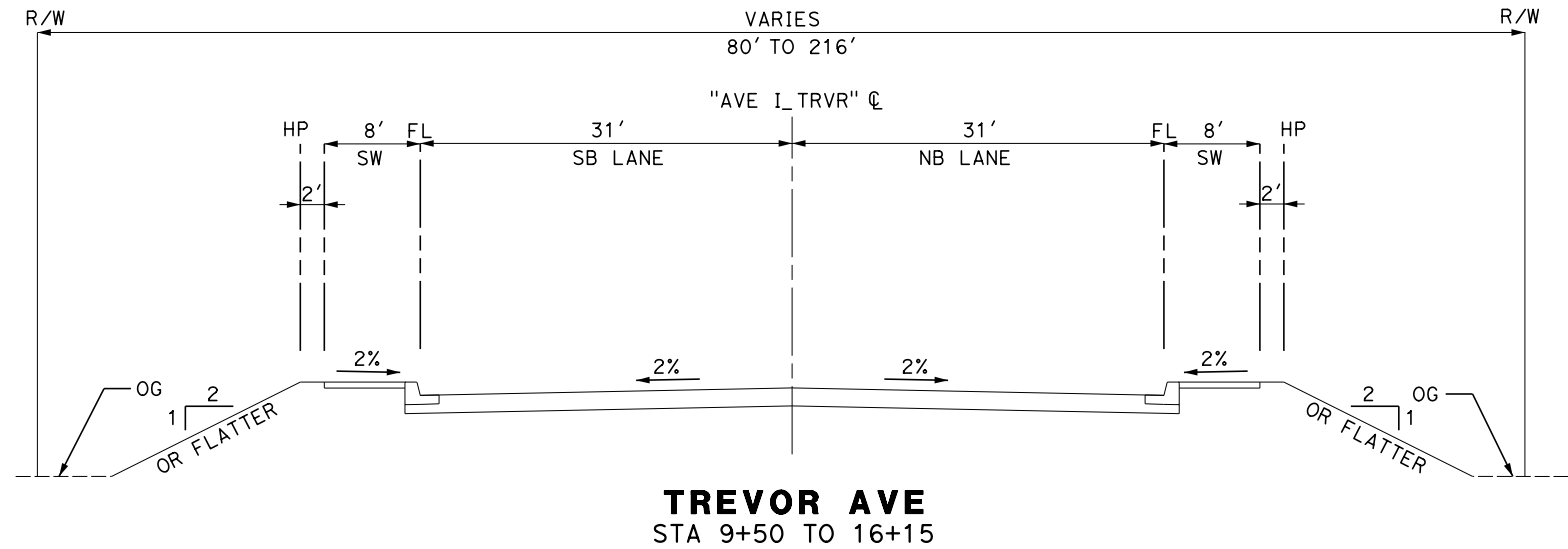


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3108
SCALE
AS SHOWN
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Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3109.dgn

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



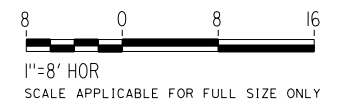
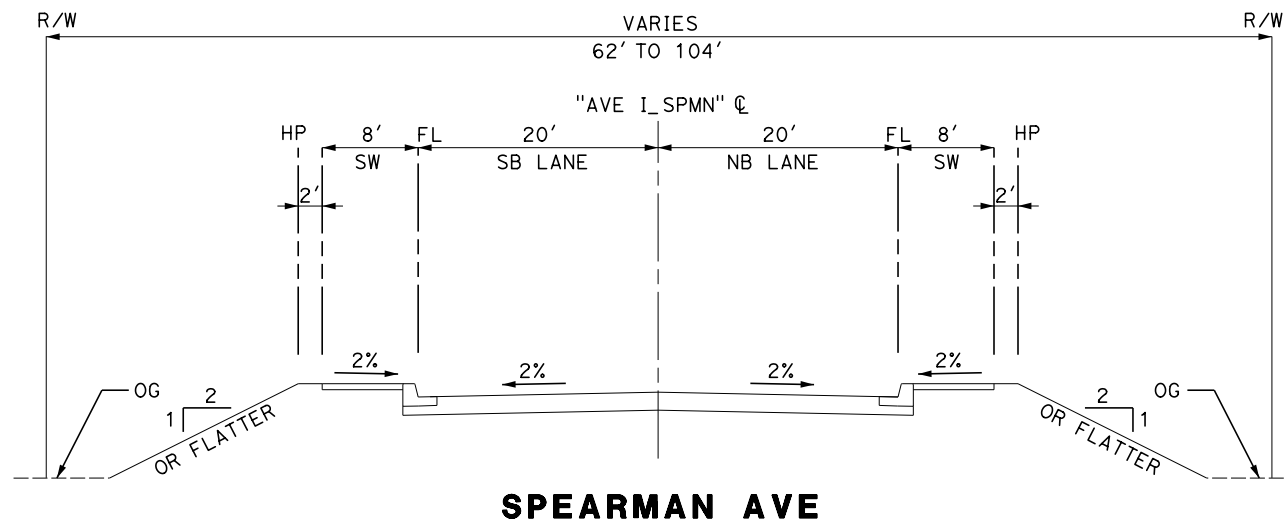
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3109
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3110.dgn

11/3/2017 4:53:00 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL



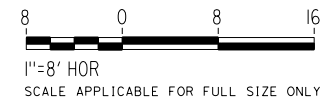
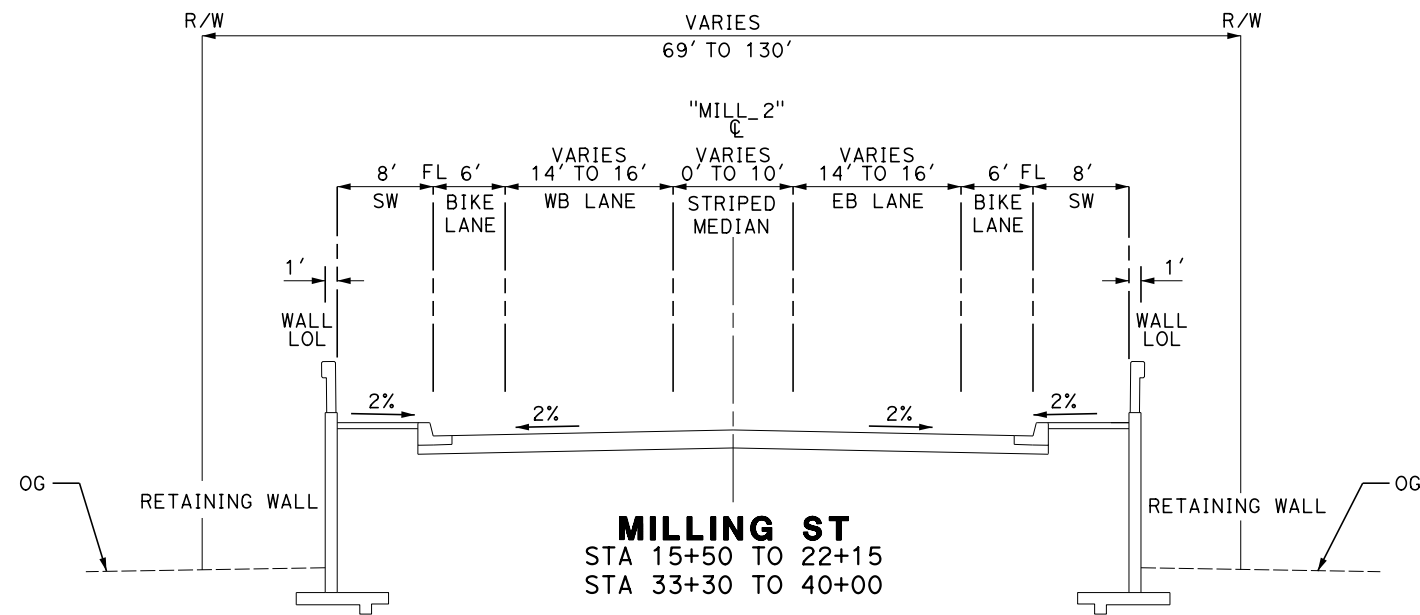
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3110
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3111.dgn

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
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S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
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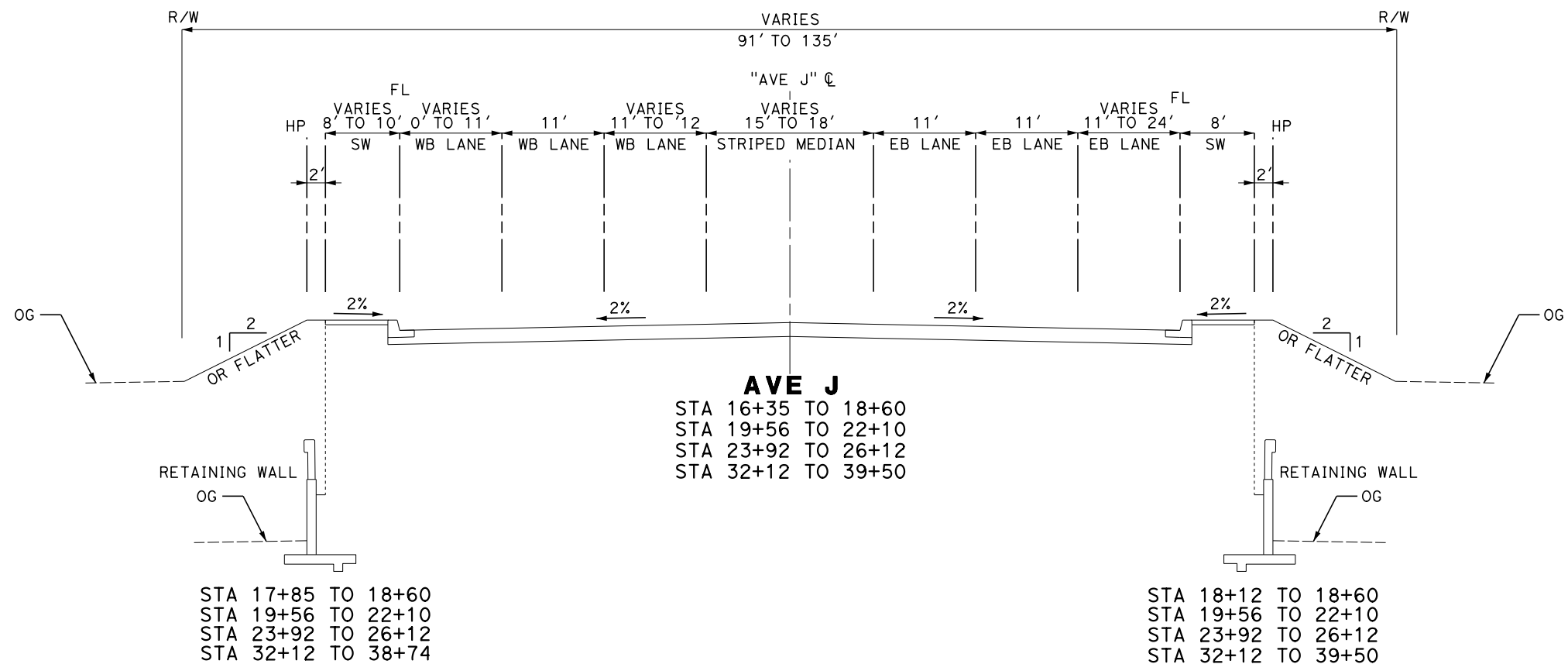


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3111
 SCALE
AS SHOWN
 SHEET NO.

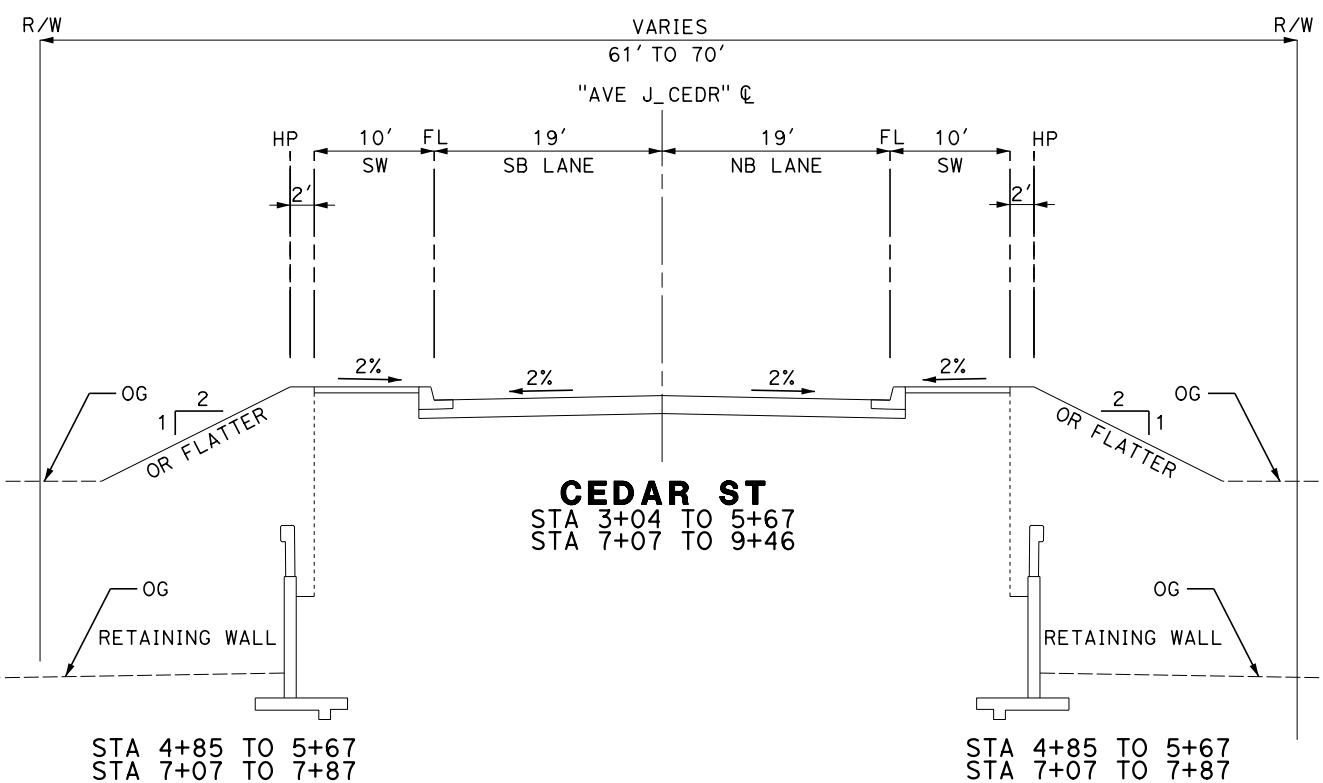
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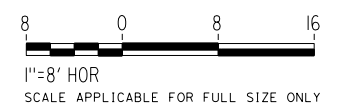
STA 17+85 TO 18+60
 STA 19+56 TO 22+10
 STA 23+92 TO 26+12
 STA 32+12 TO 38+74

STA 18+12 TO 18+60
 STA 19+56 TO 22+10
 STA 23+92 TO 26+12
 STA 32+12 TO 39+50



STA 4+85 TO 5+67
 STA 7+07 TO 7+87

STA 4+85 TO 5+67
 STA 7+07 TO 7+87



REV	DATE	BY	CHK	APP	DESCRIPTION

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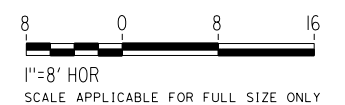
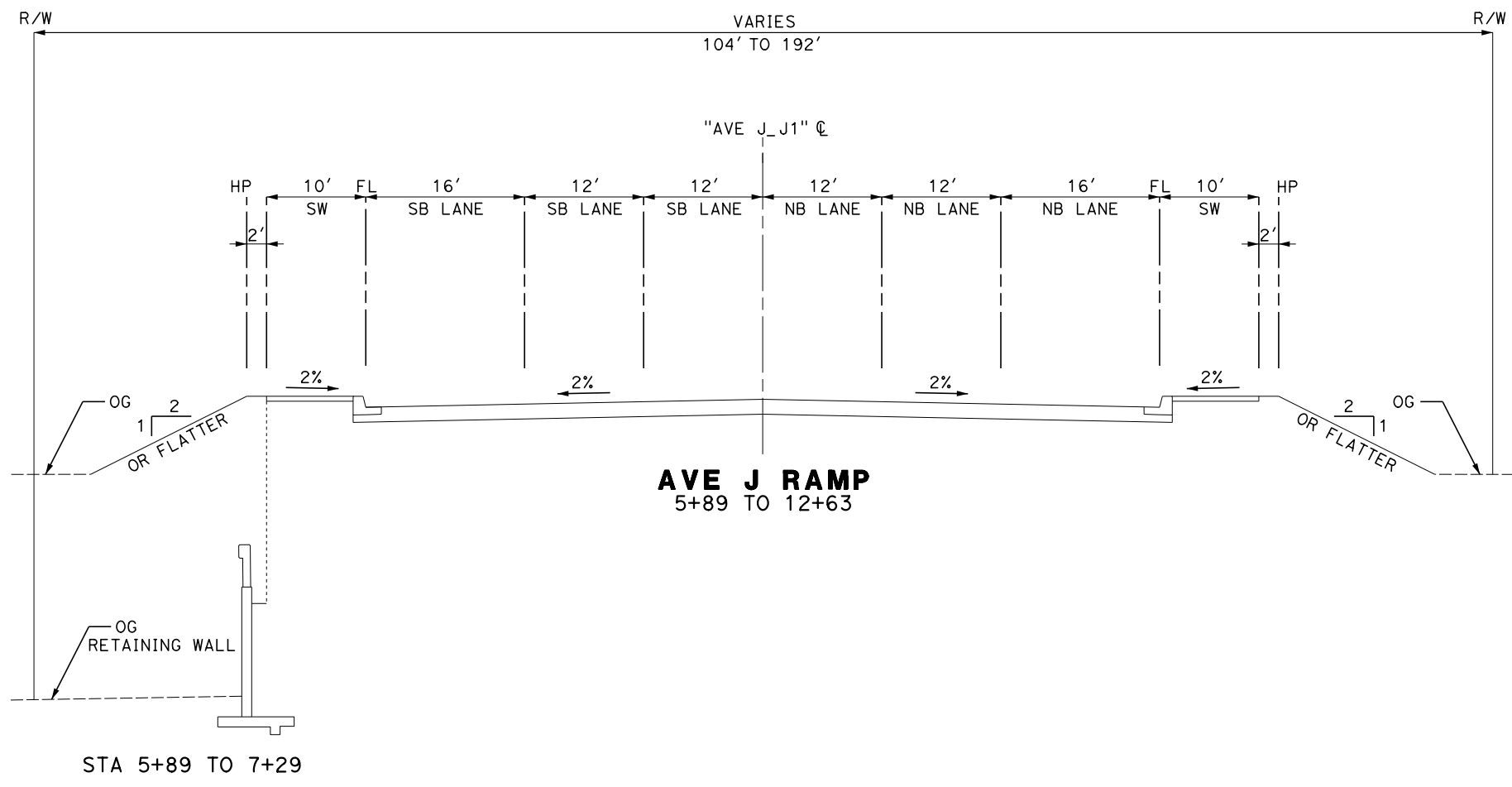


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3113
 SCALE
AS SHOWN
 SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3114.dgn

11/4/2017 12:42:47 AM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

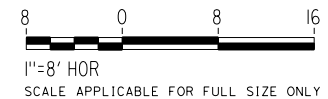
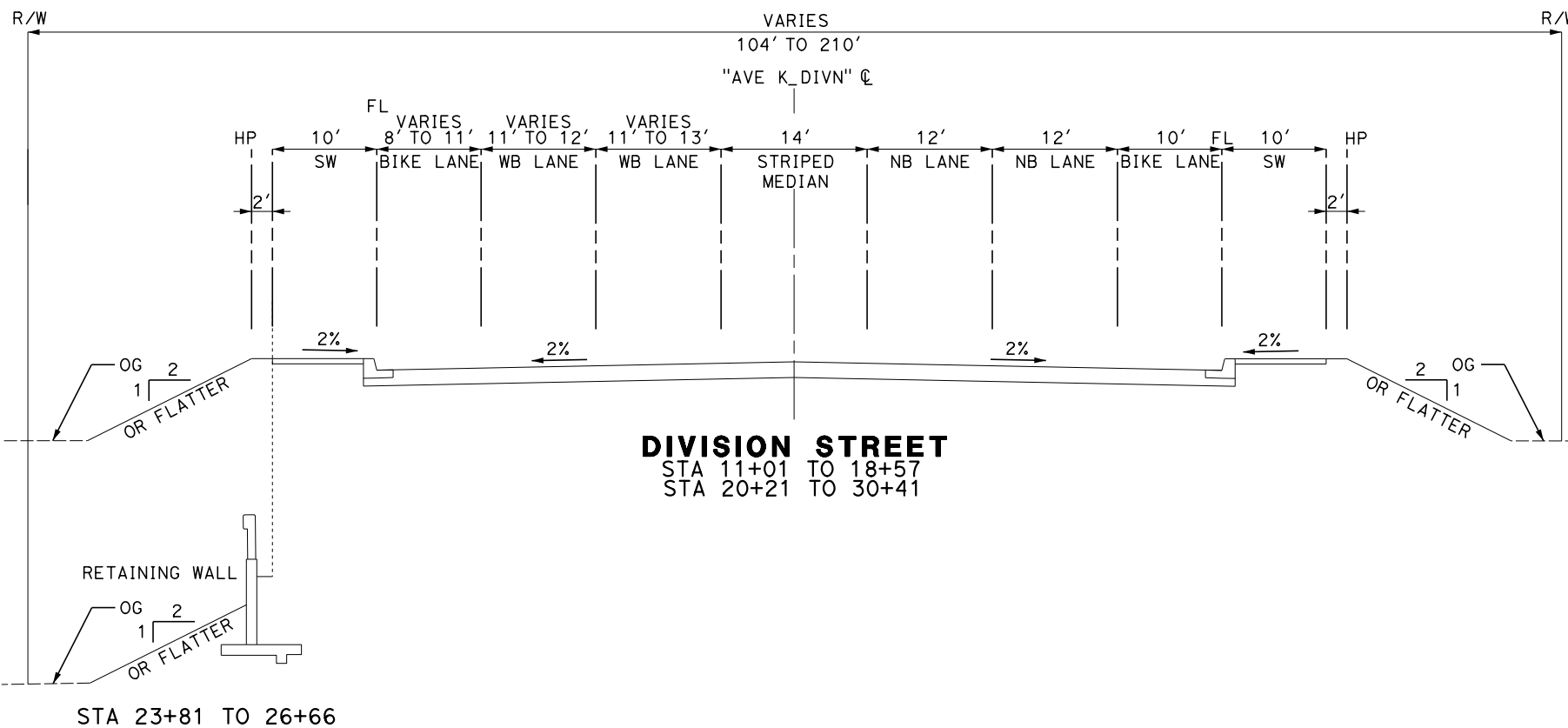
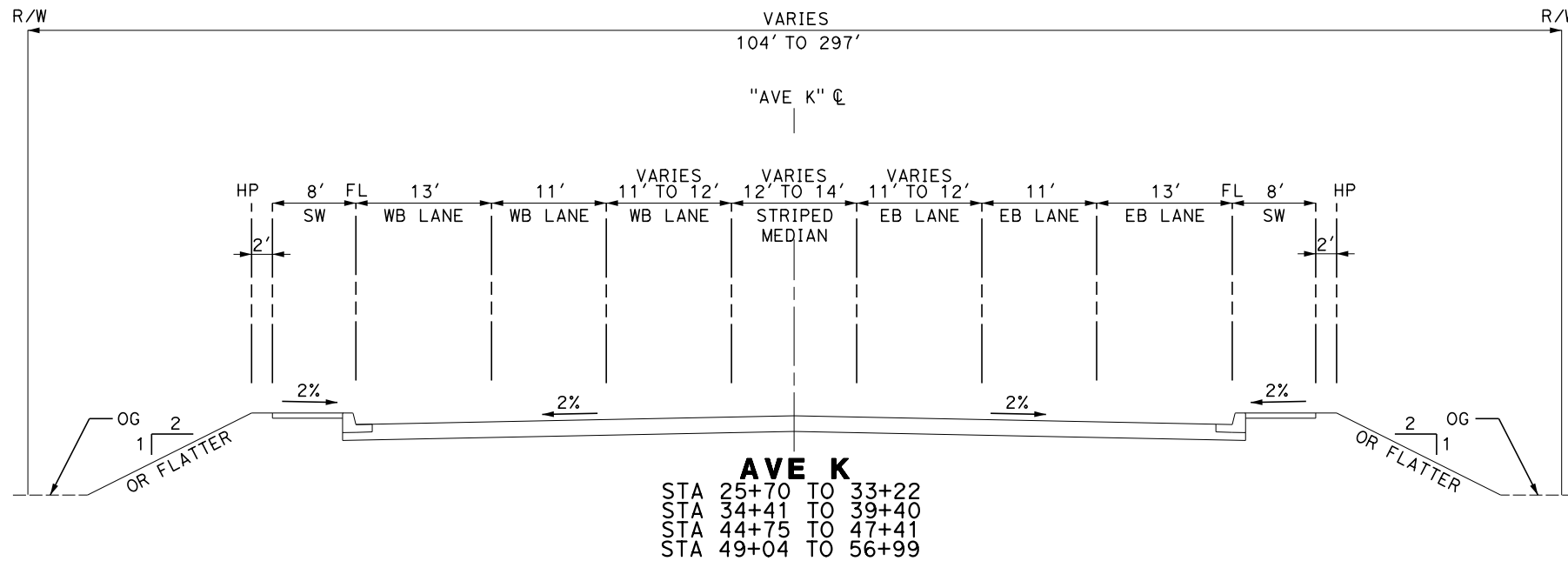


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3114
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3115.dgn

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
A. CARSON

CHECKED BY
G. CAMPBELL

IN CHARGE
S. SMITH

DATE
10/31/2017

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PEPD
SUBMITTAL**

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

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

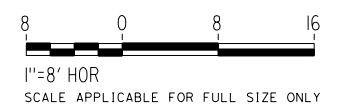
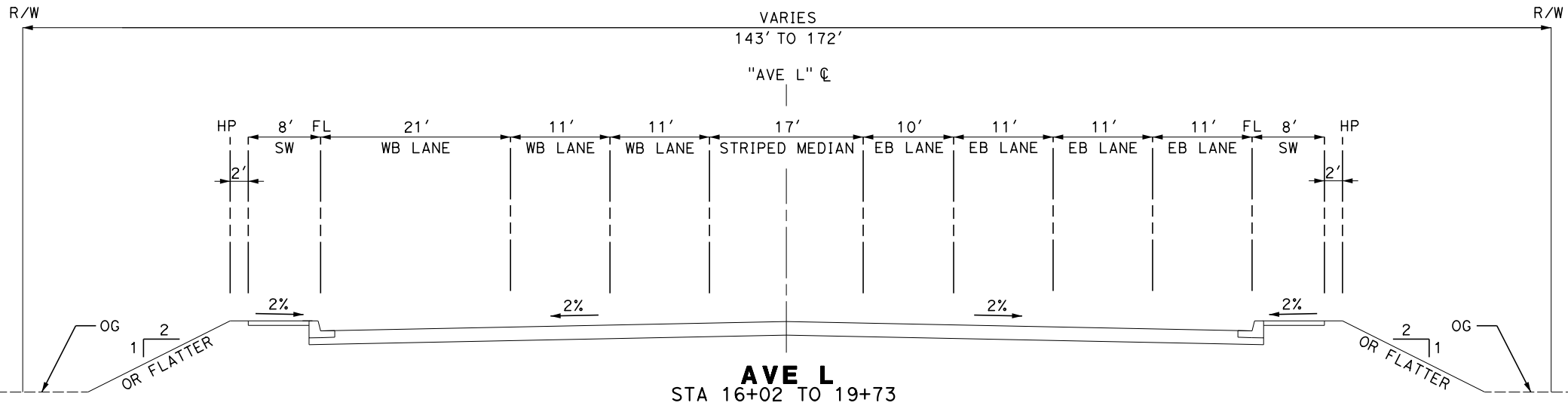
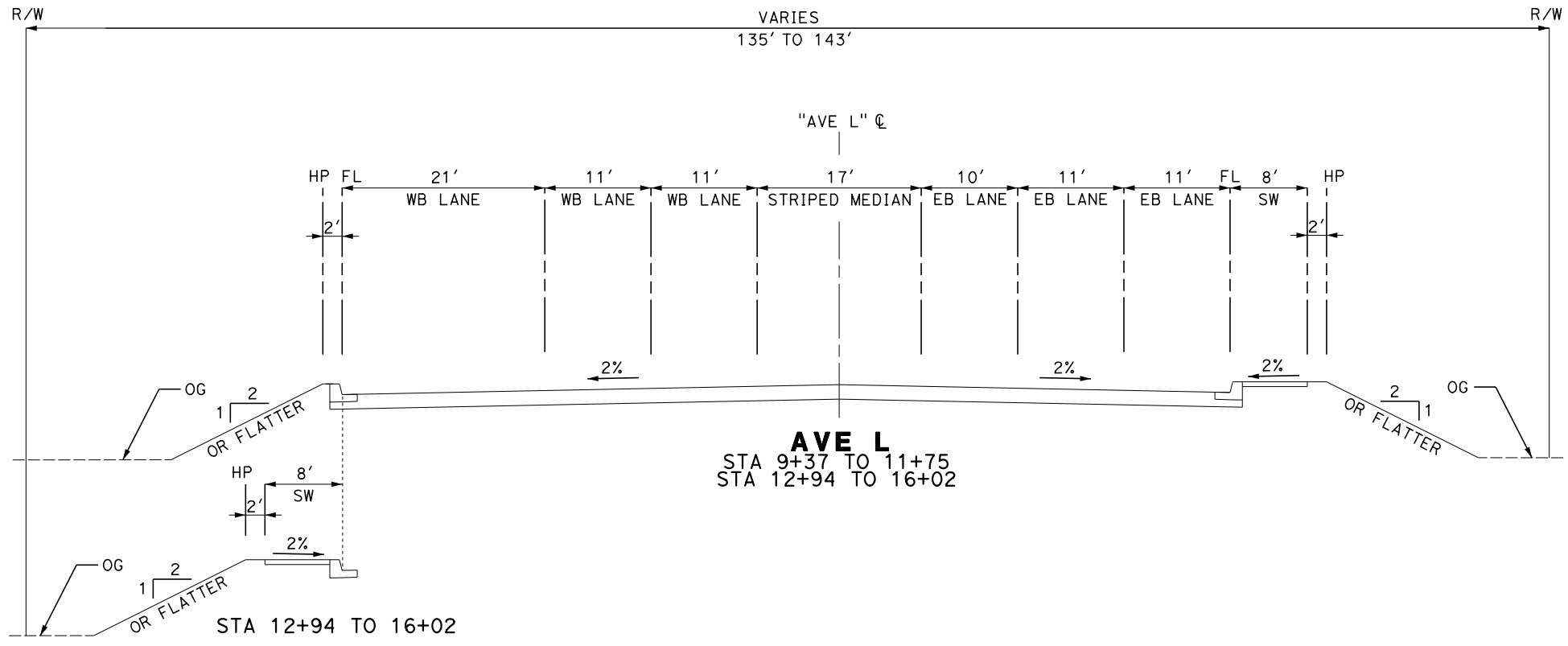
DRAWING NO.
CV-B3115

SCALE
AS SHOWN

SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3116.dgn

11/4/2017 12:47:26 AM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



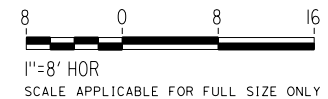
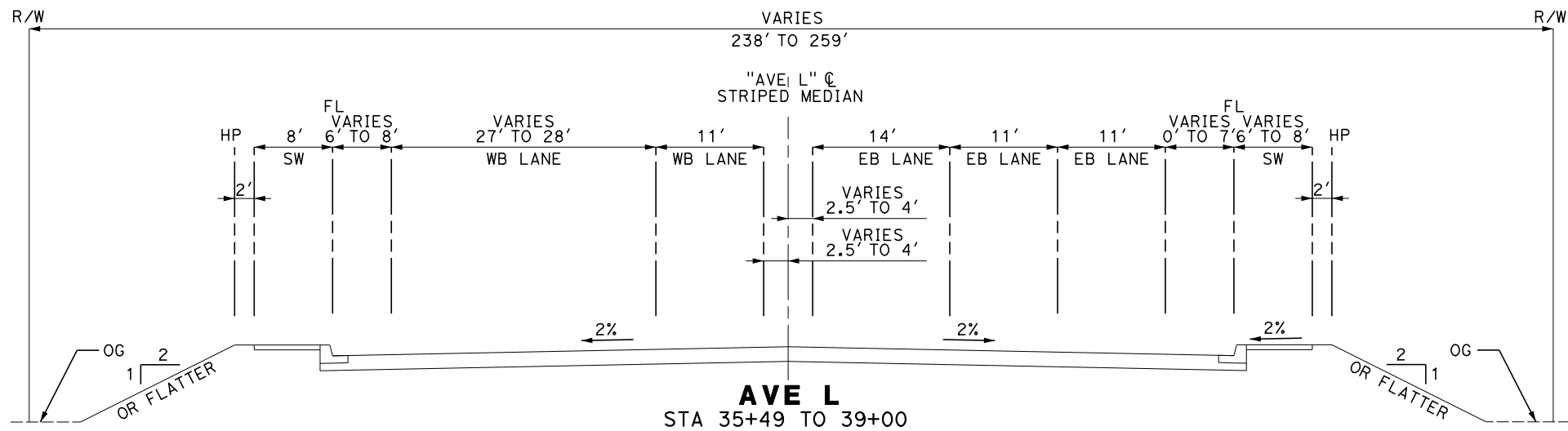
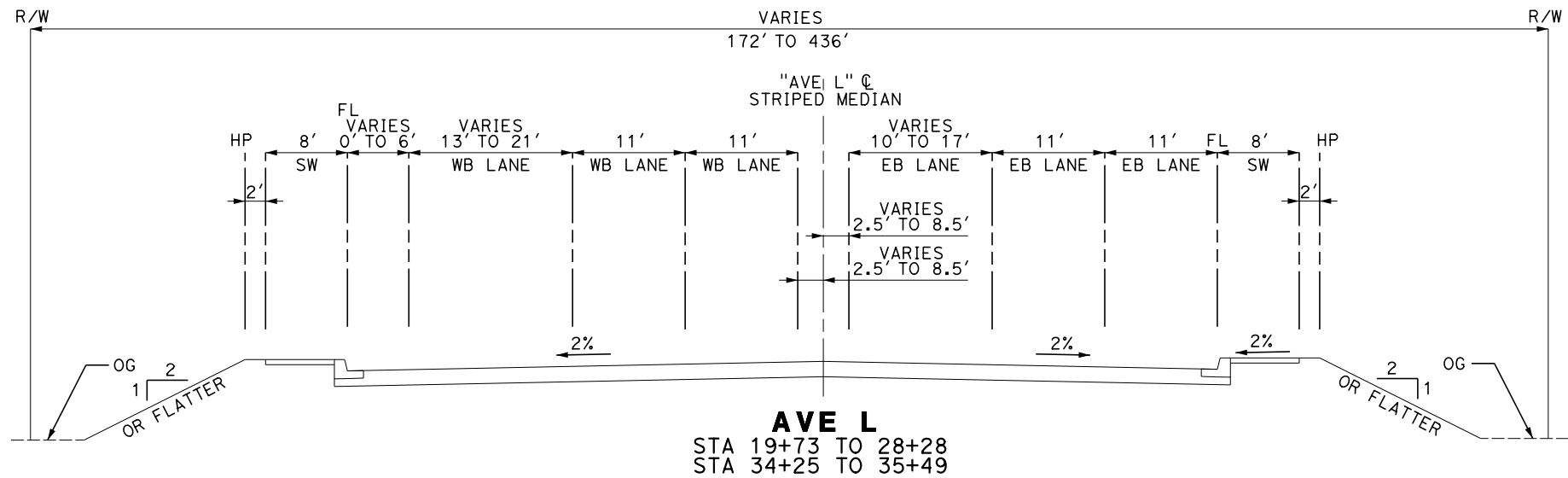
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3116
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3117.dgn

11/3/2017 4:54:44 PM
OIC:ARivera



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DESIGNED BY
D. HOLMAN

DRAWN BY
A. CARSON

CHECKED BY
G. CAMPBELL

IN CHARGE
S. SMITH

DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

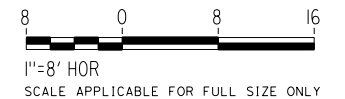
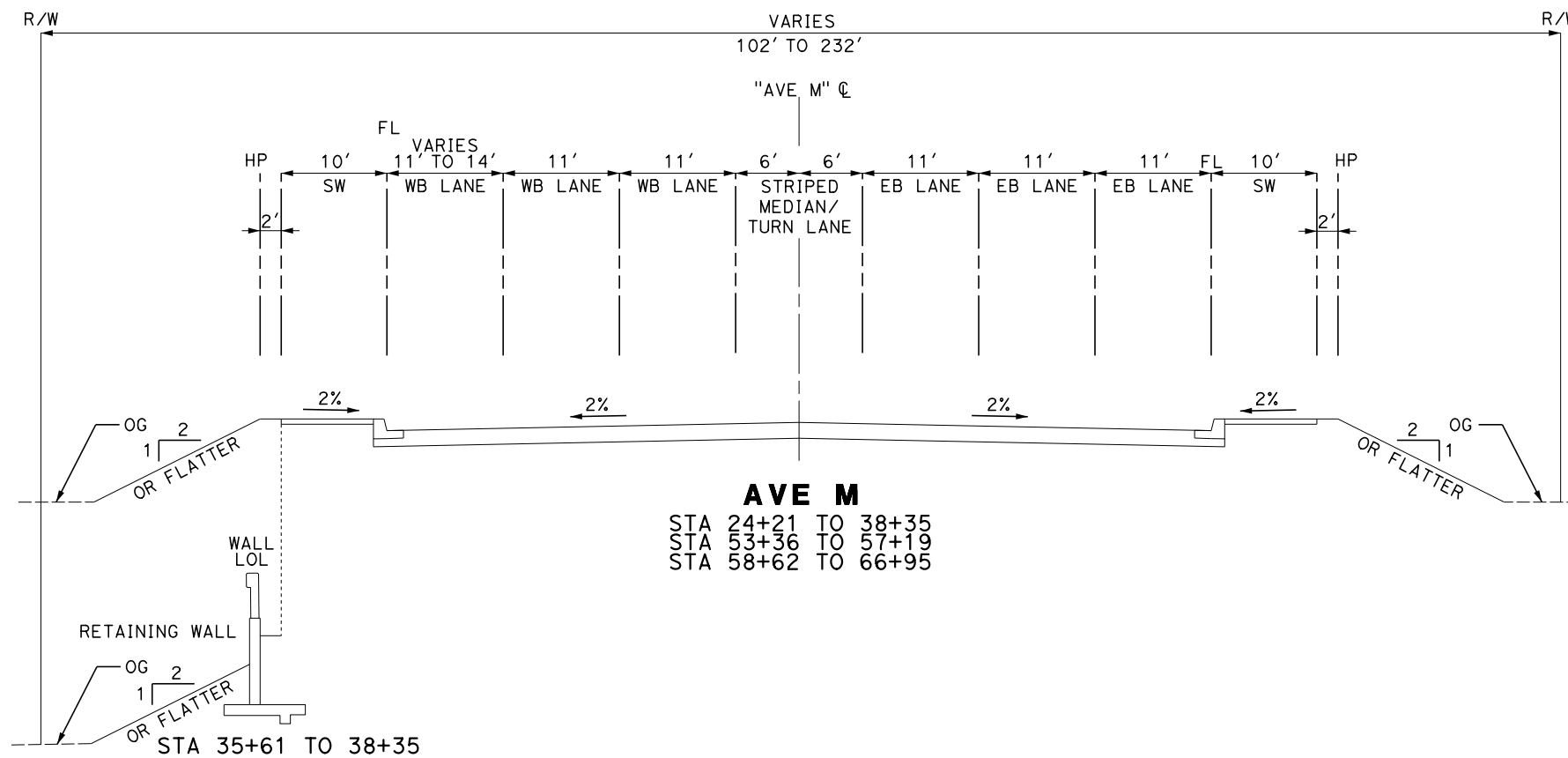
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CV-B3117

SCALE
AS SHOWN

SHEET NO.

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11/3/2017 4:53:35 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
A. CARSON

CHECKED BY
G. CAMPBELL

IN CHARGE
S. SMITH

DATE
10/31/2017

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

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

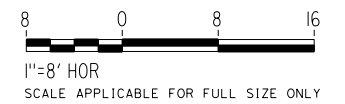
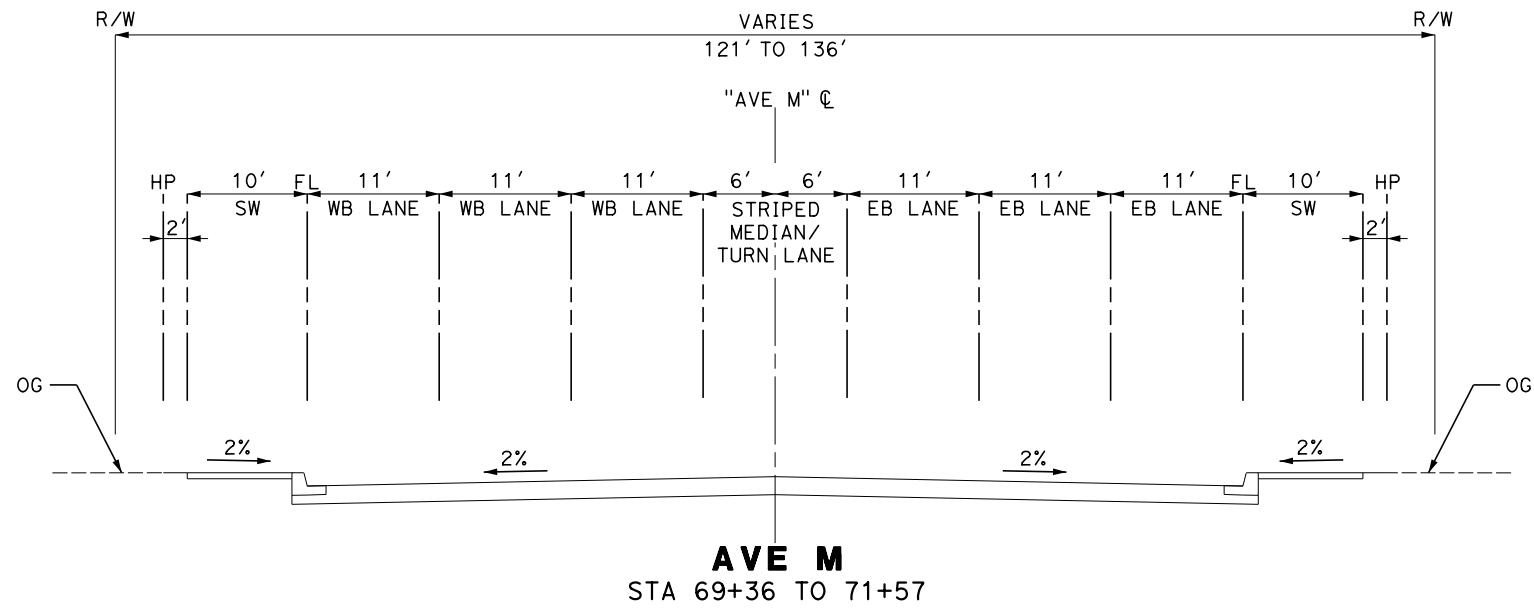
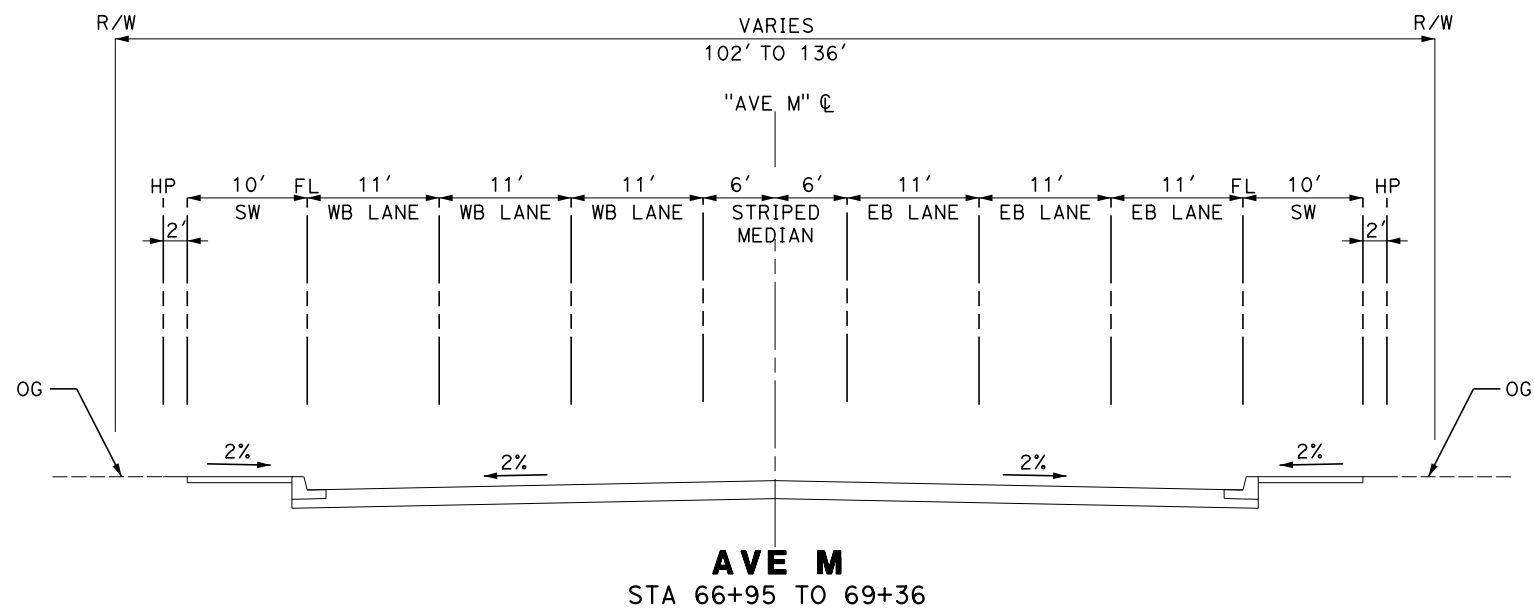
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SCALE
AS SHOWN

SHEET NO.

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11/3/2017 4:56:01 PM
OIC:ARivera



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DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

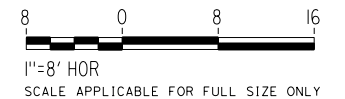
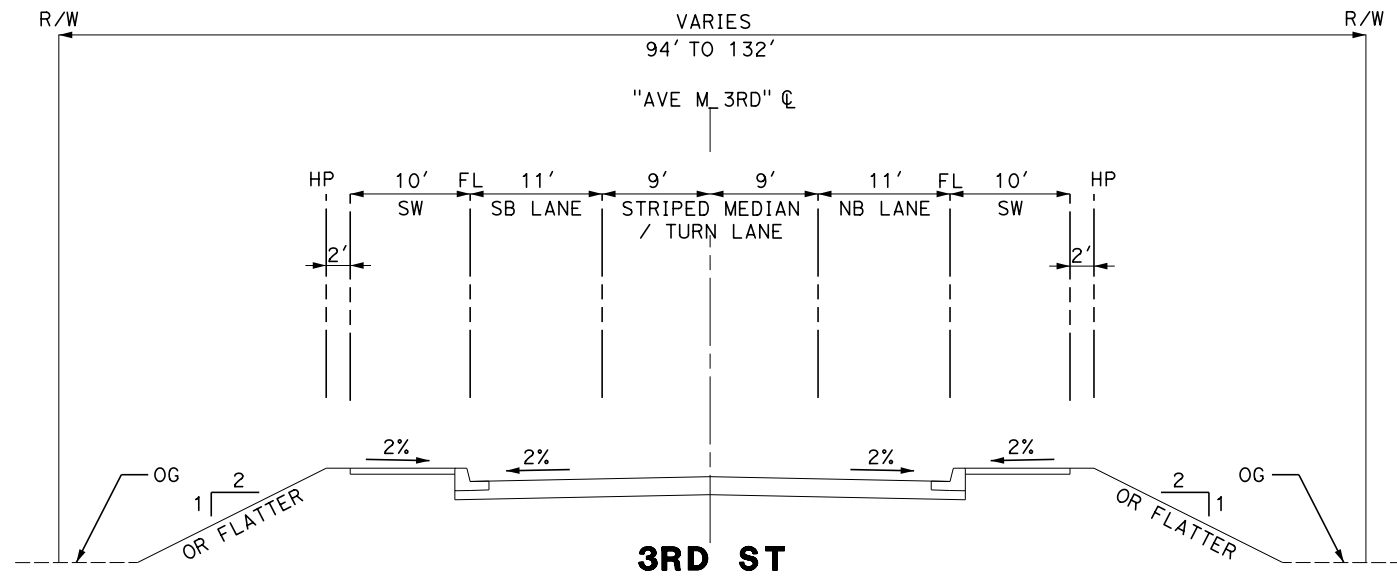
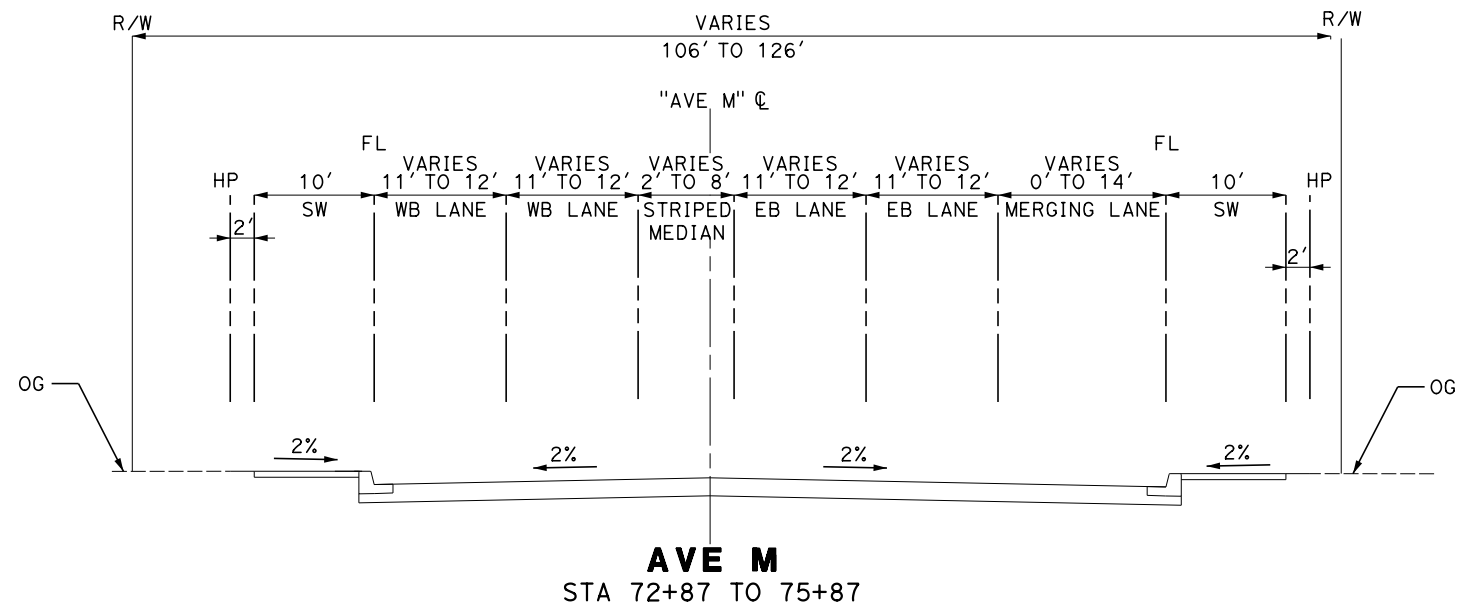


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3119
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3120.dgn

11/3/2017 4:56:41 PM
OIC:ARivera



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DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

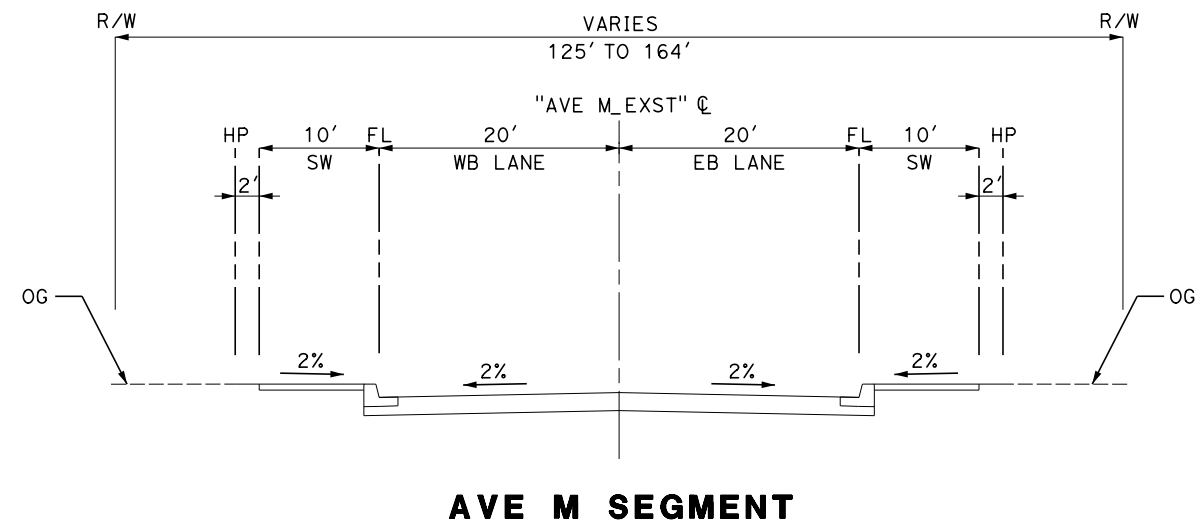


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

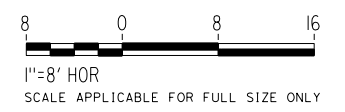
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AS SHOWN
SHEET NO.

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11/4/2017 12:50:11 AM
OIC:ARivera



AVE M SEGMENT



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

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PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

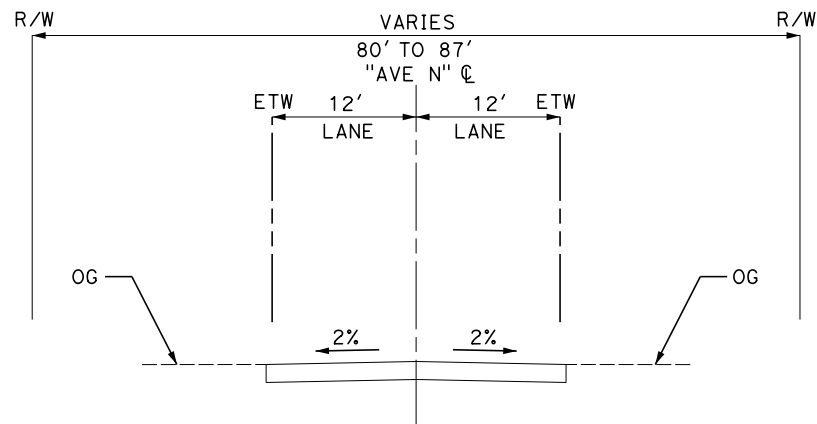


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3121
SCALE
AS SHOWN
SHEET NO.

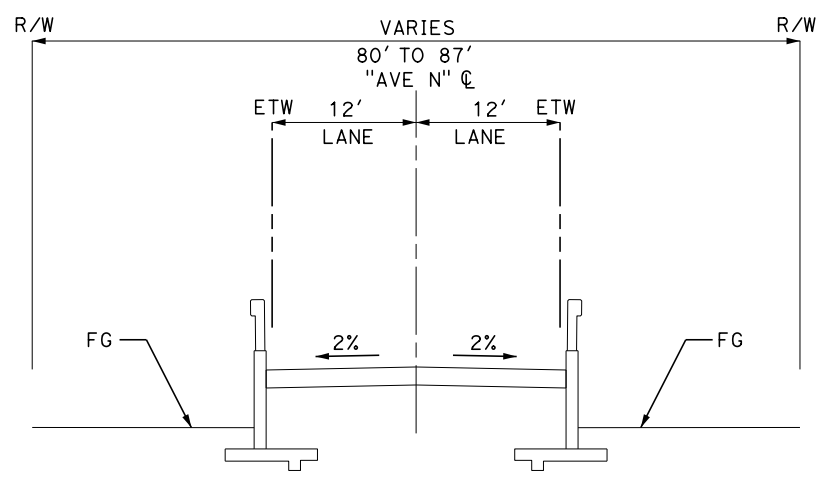
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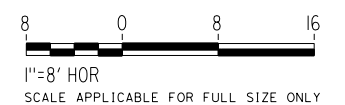
AVE N

ALT 1,2,3 ALT 5
 STA 27+00 TO 30+58 STA 27+00 TO 30+58
 STA 35+97 TO 36+15 STA 35+60 TO 35+85



AVE N

ALT 1,2,3 ALT 5
 STA 30+58 TO 31+37 STA 30+58 TO 31+35
 STA 35+47 TO 35+97



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

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

ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

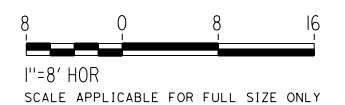
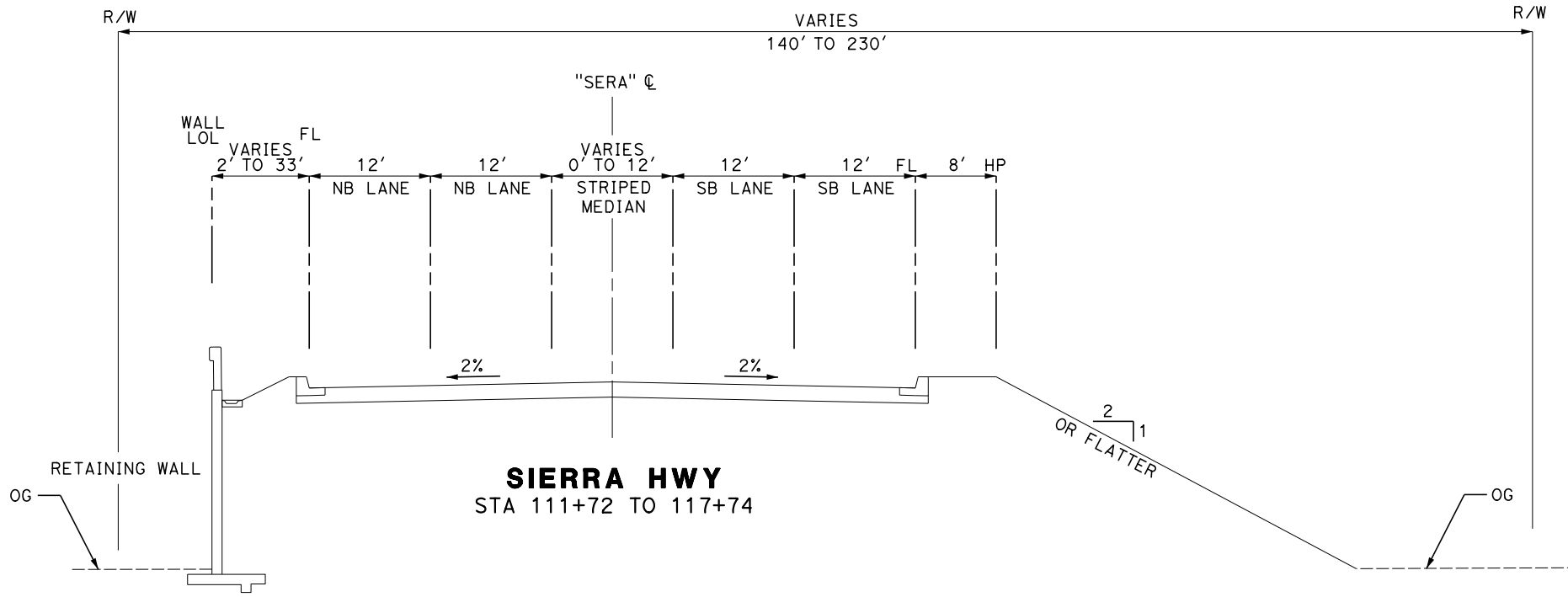
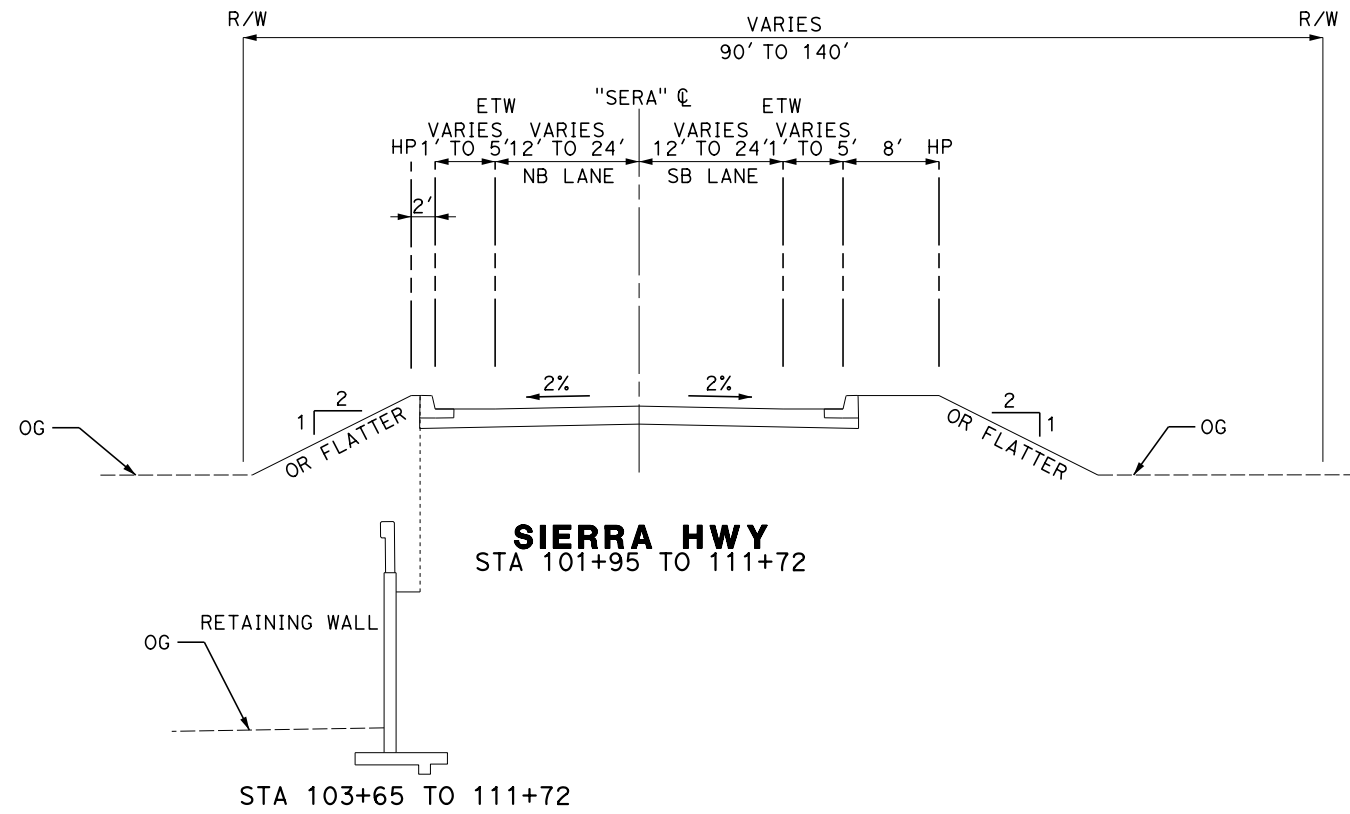
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CV-B3122

SCALE
AS SHOWN

SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3123.dgn

11/3/2017 4:50:45 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

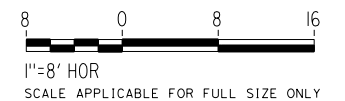
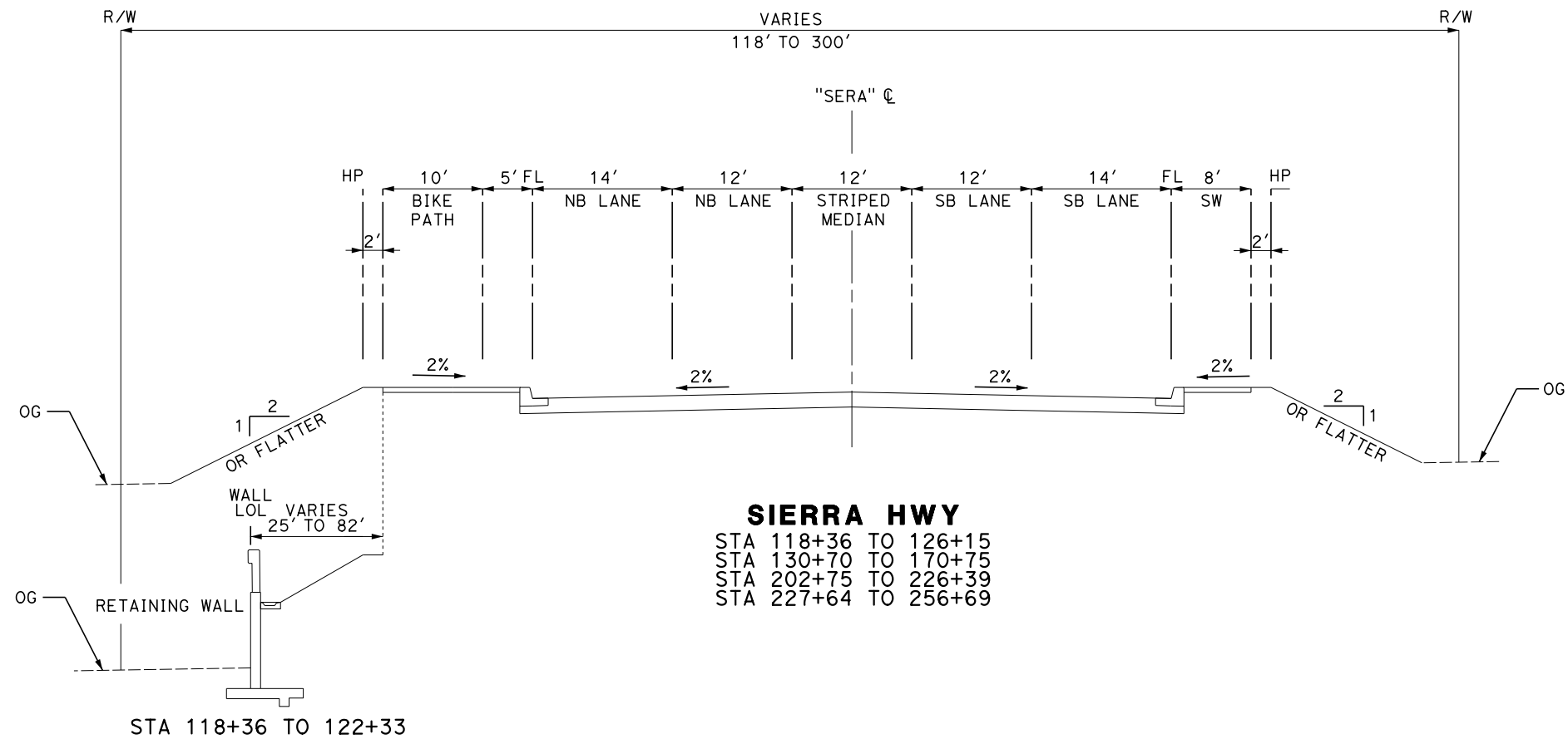


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3123
SCALE
AS SHOWN
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Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3124.dgn

11/3/2017 4:51:09 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

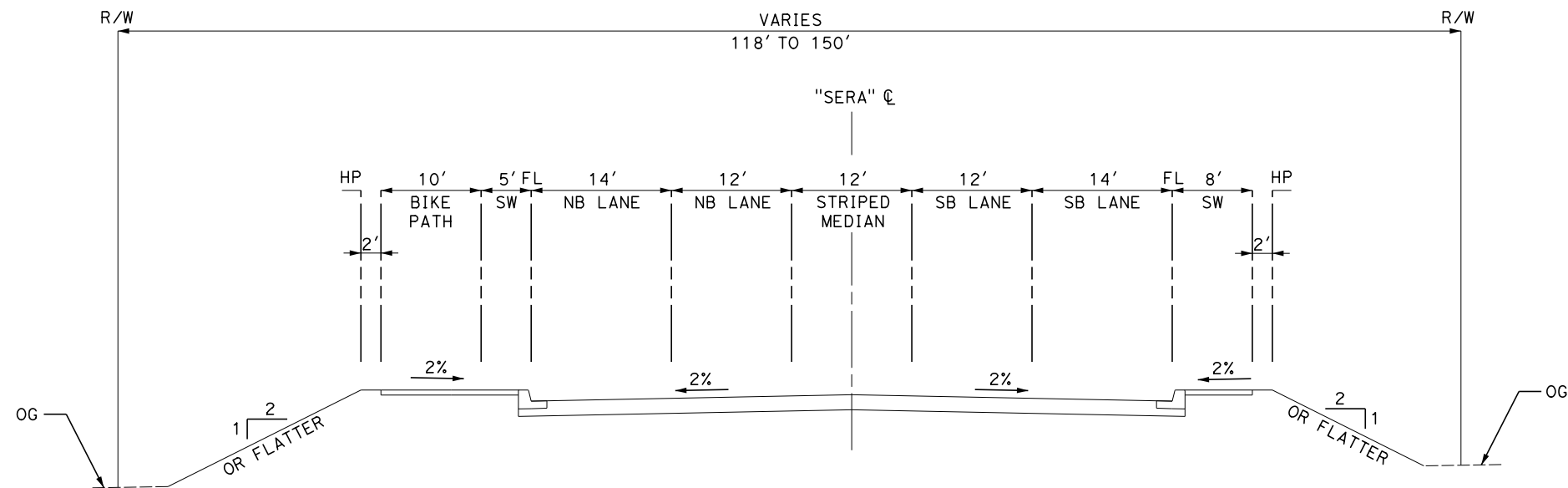


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3124
 SCALE
AS SHOWN
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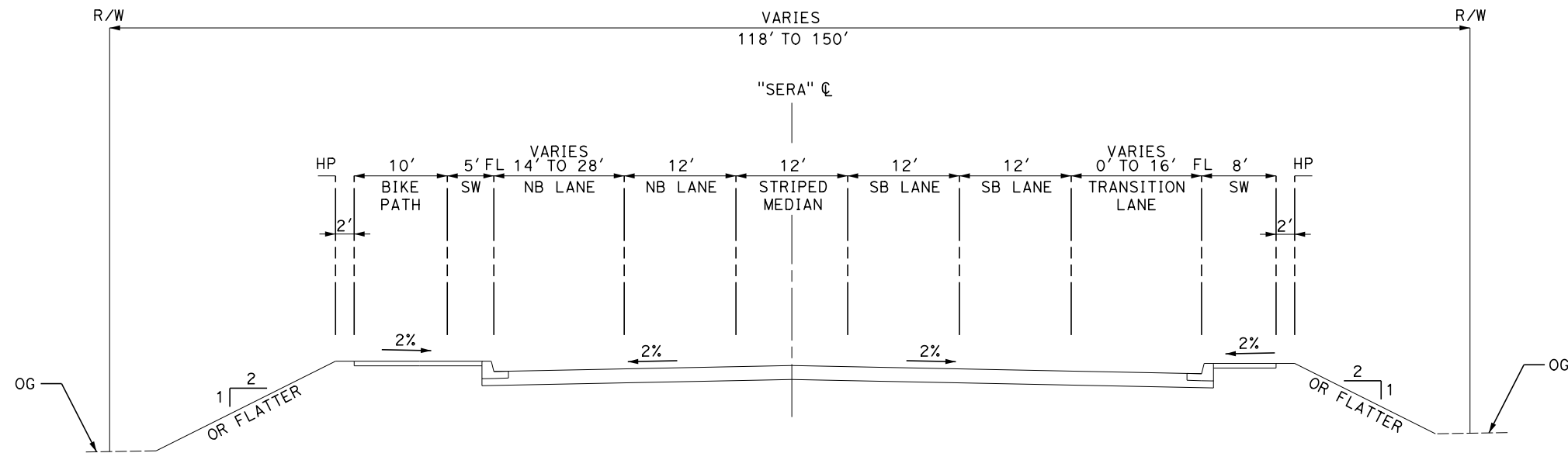
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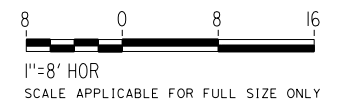
SIERRA HWY

STA 256+69 TO 280+68
STA 282+00 TO 314+48



SIERRA HWY

STA 314+48 TO 322+94



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

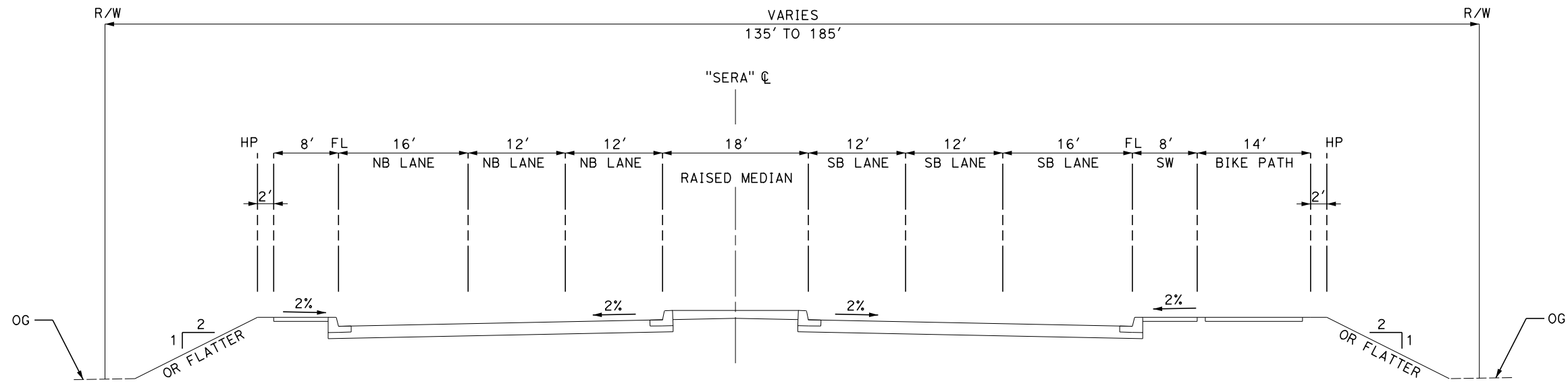


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

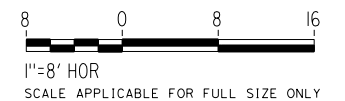
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DRAWING NO.
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SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3126.dgn

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SIERRA HWY
 STA 332+94 TO 333+38
 STA 334+73 TO 450+65

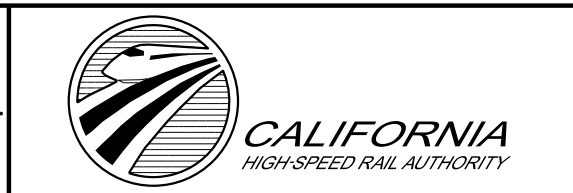


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

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

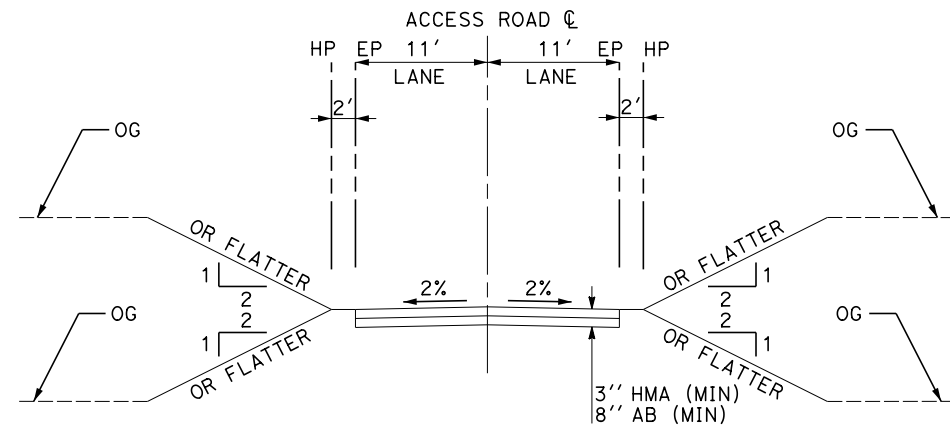
ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-B3126

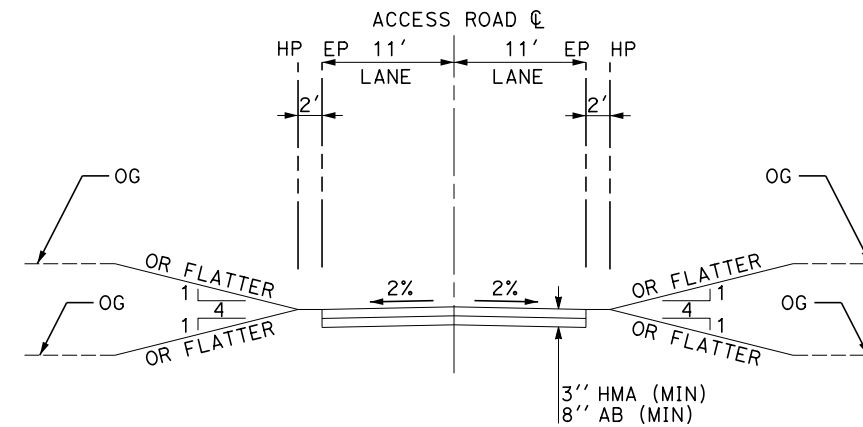
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SHEET NO.



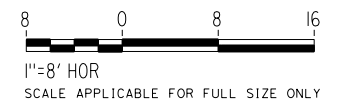
ACCESS ROADS

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17597	19144
17712	19165
17908	19220
18065	19248
18112	19285
18153	19423
18230	19450
18298	19478
18457	19614
18487	19755 STA 10+00 TO 66+00
18520	HIGT
18560	19945 STA 10+00 TO 26+00
18590	FAVR
18699	20084
18712	WILL
18790	20471 STA 10+00 TO 42+00
18850L	20608
18908	20751
19052	21135



ACCESS ROADS

19647	20245
19668	20253
19676	20276
19755	20284
19799	20317
19845	20432
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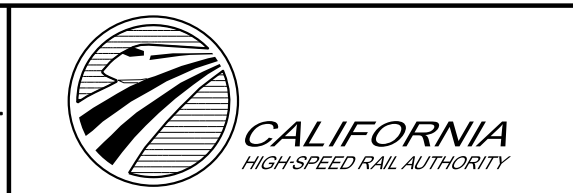


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

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PEPD
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CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

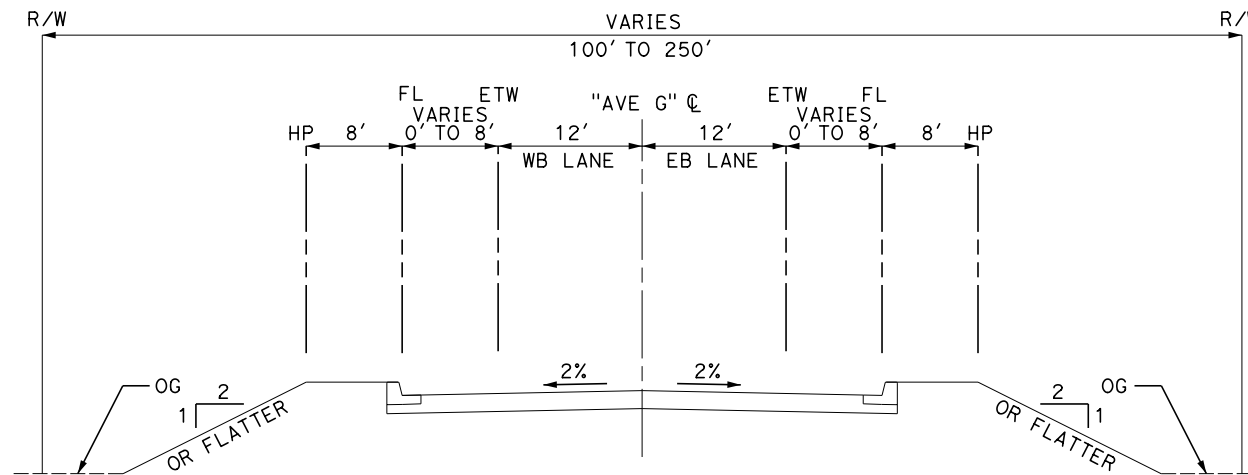
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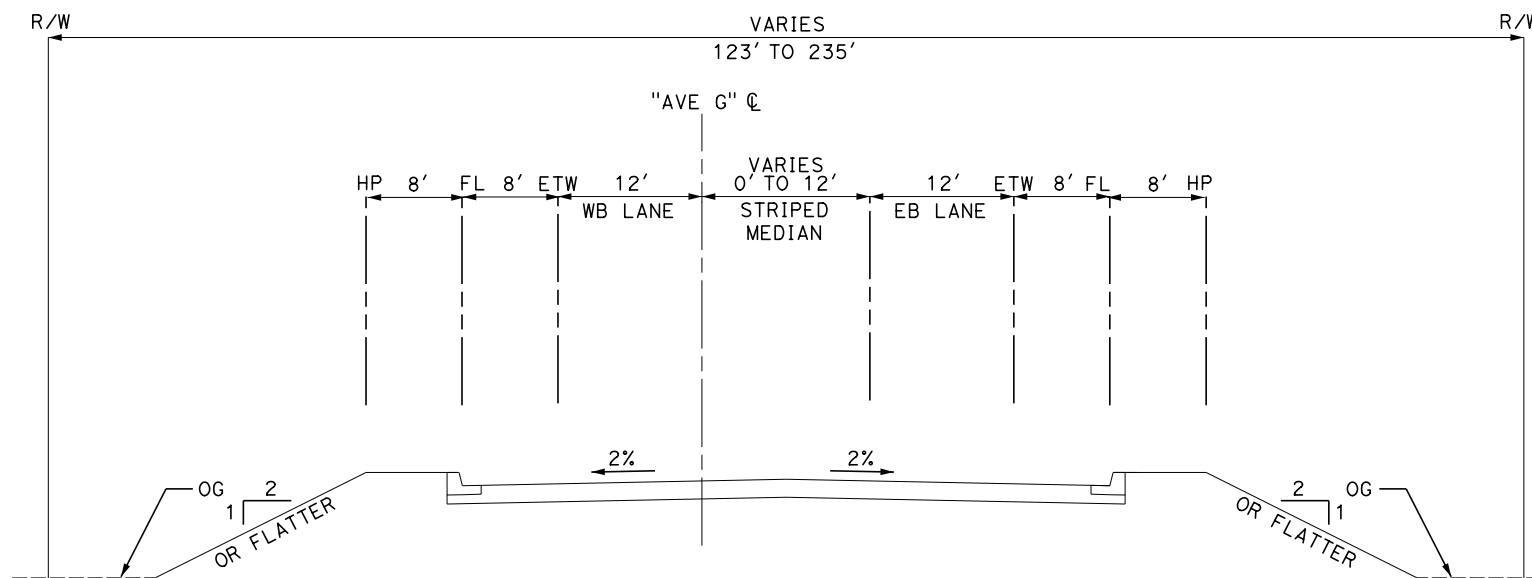
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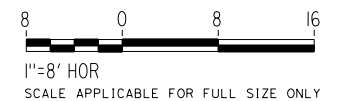
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OIC:ARivera



AVE G
 STA 22+00 TO 34+25
 STA 37+10 TO 41+21
 STA 42+01 TO 42+41



AVE G
 STA 45+21 TO 51+00



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

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

ALTERNATIVE 5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

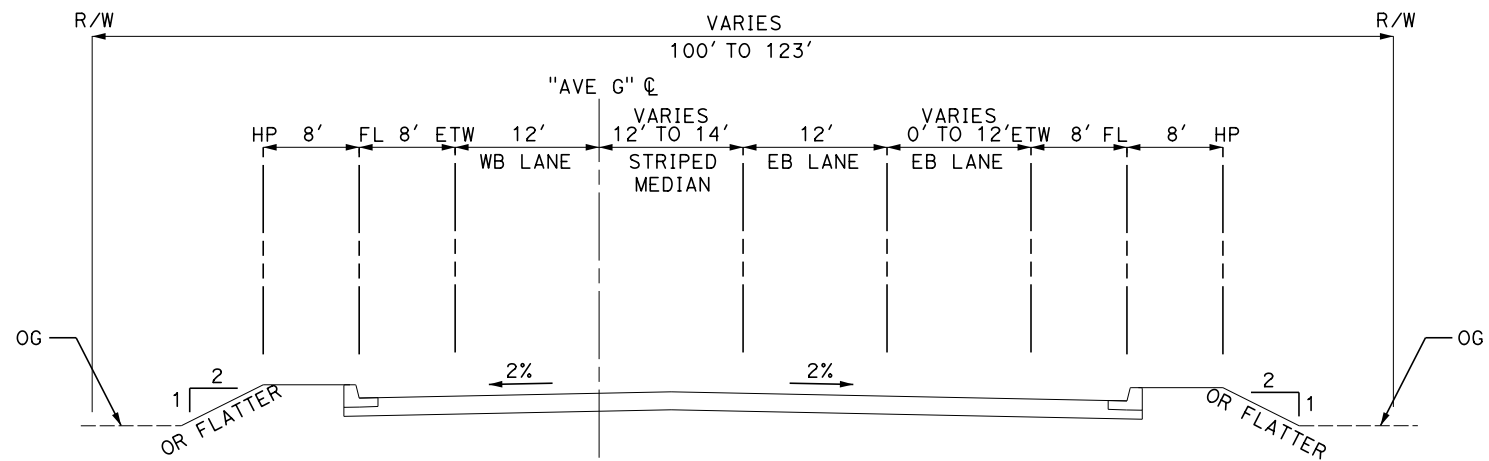
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SCALE
AS SHOWN

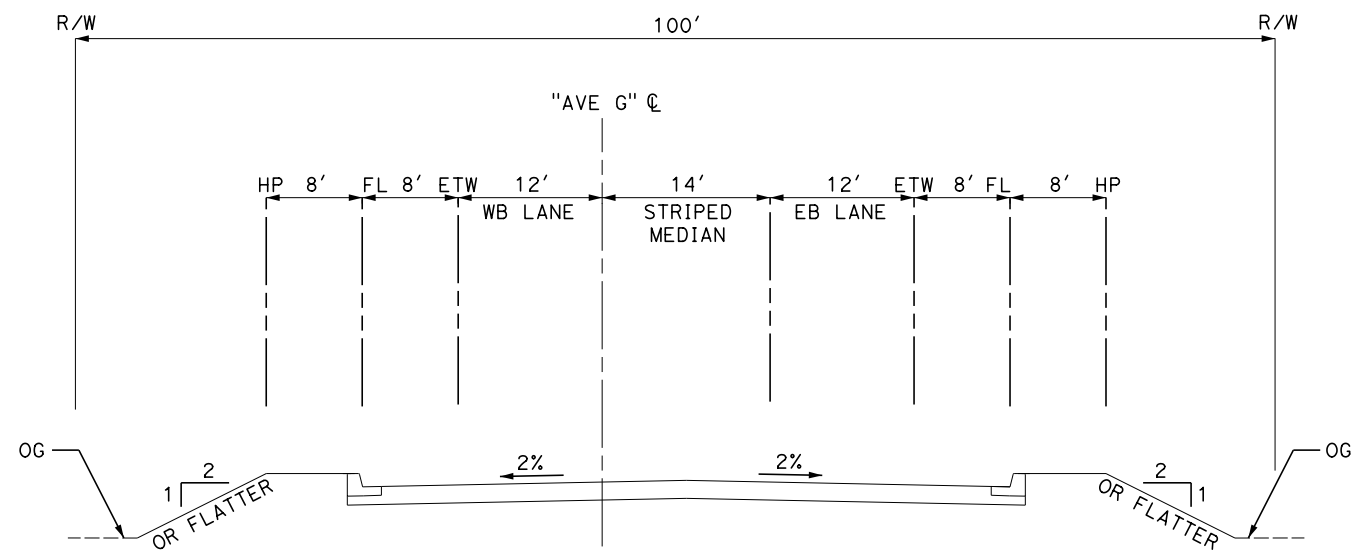
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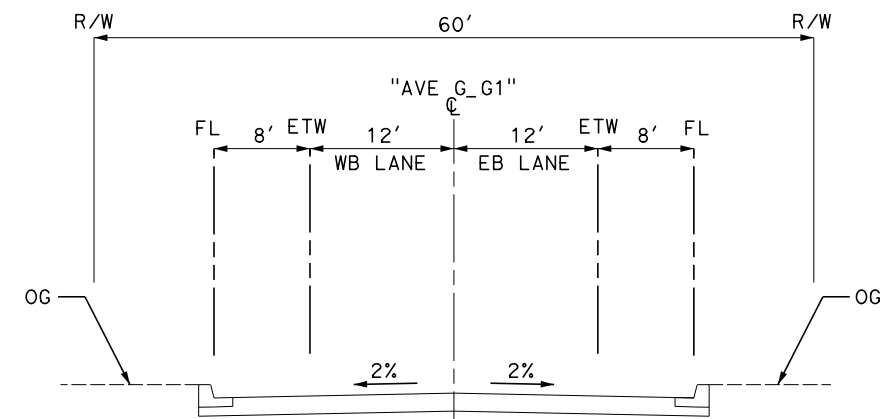
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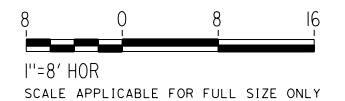
AVE G
STA 51+00 TO 52+95



AVE G
STA 52+95 TO 56+00



AVE G ROAD (AVE G - G1 AND G2)



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DESIGNED BY
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DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



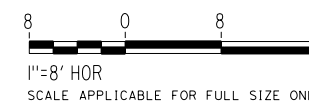
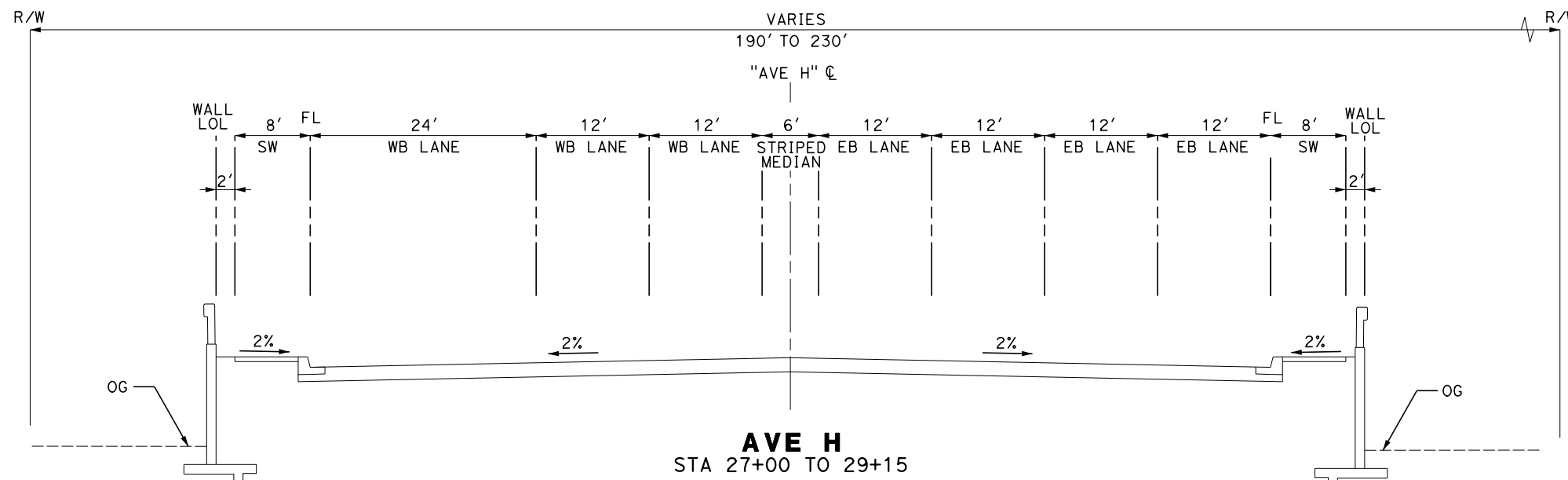
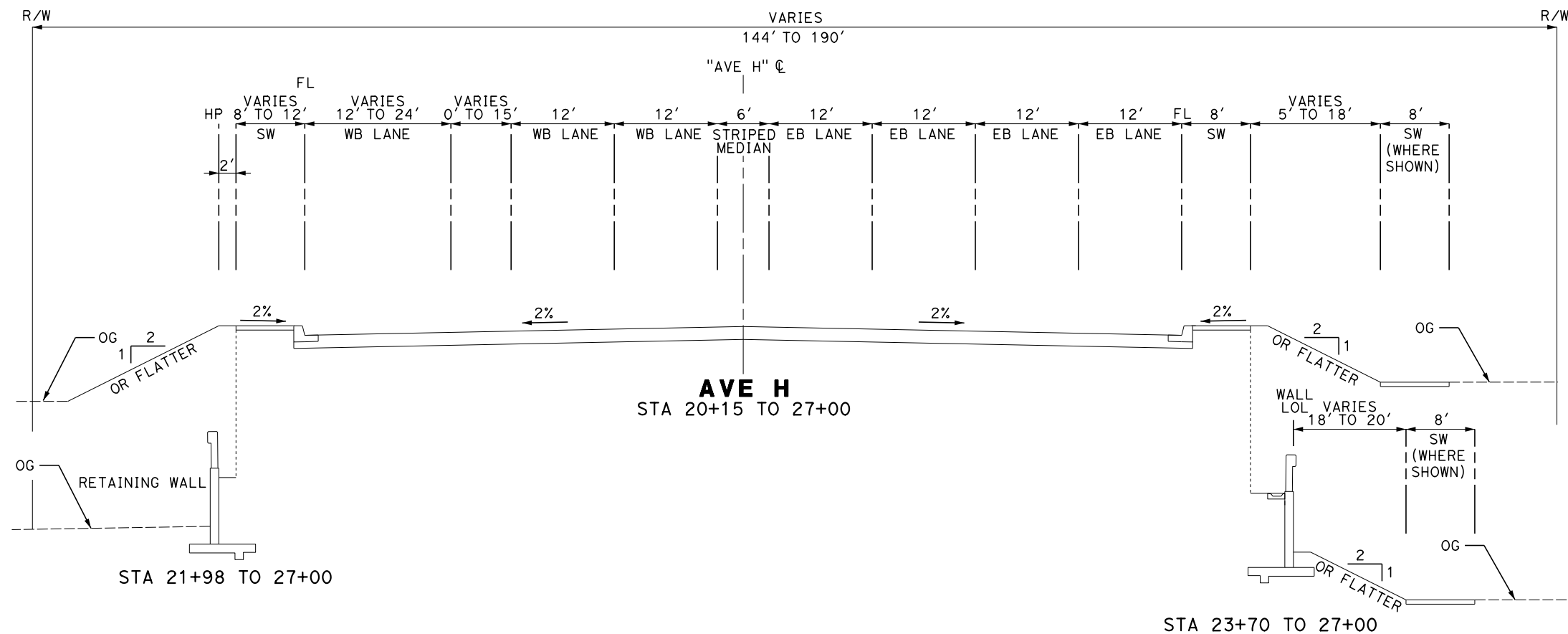
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3502
SCALE
AS SHOWN
SHEET NO.

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11/3/2017 4:59:46 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



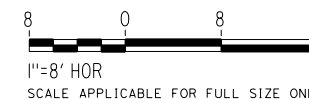
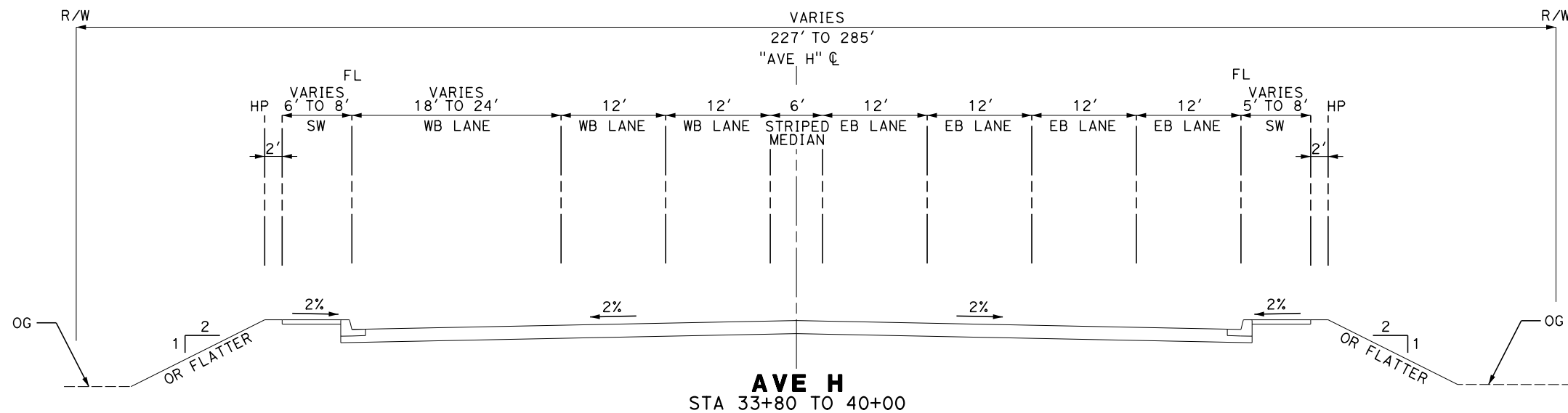
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3503
SCALE
AS SHOWN
SHEET NO.

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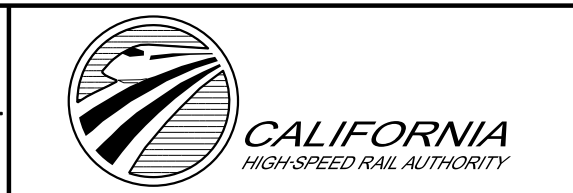


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D. HOLMAN
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S. SMITH
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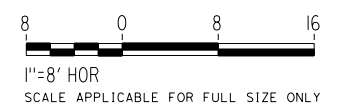
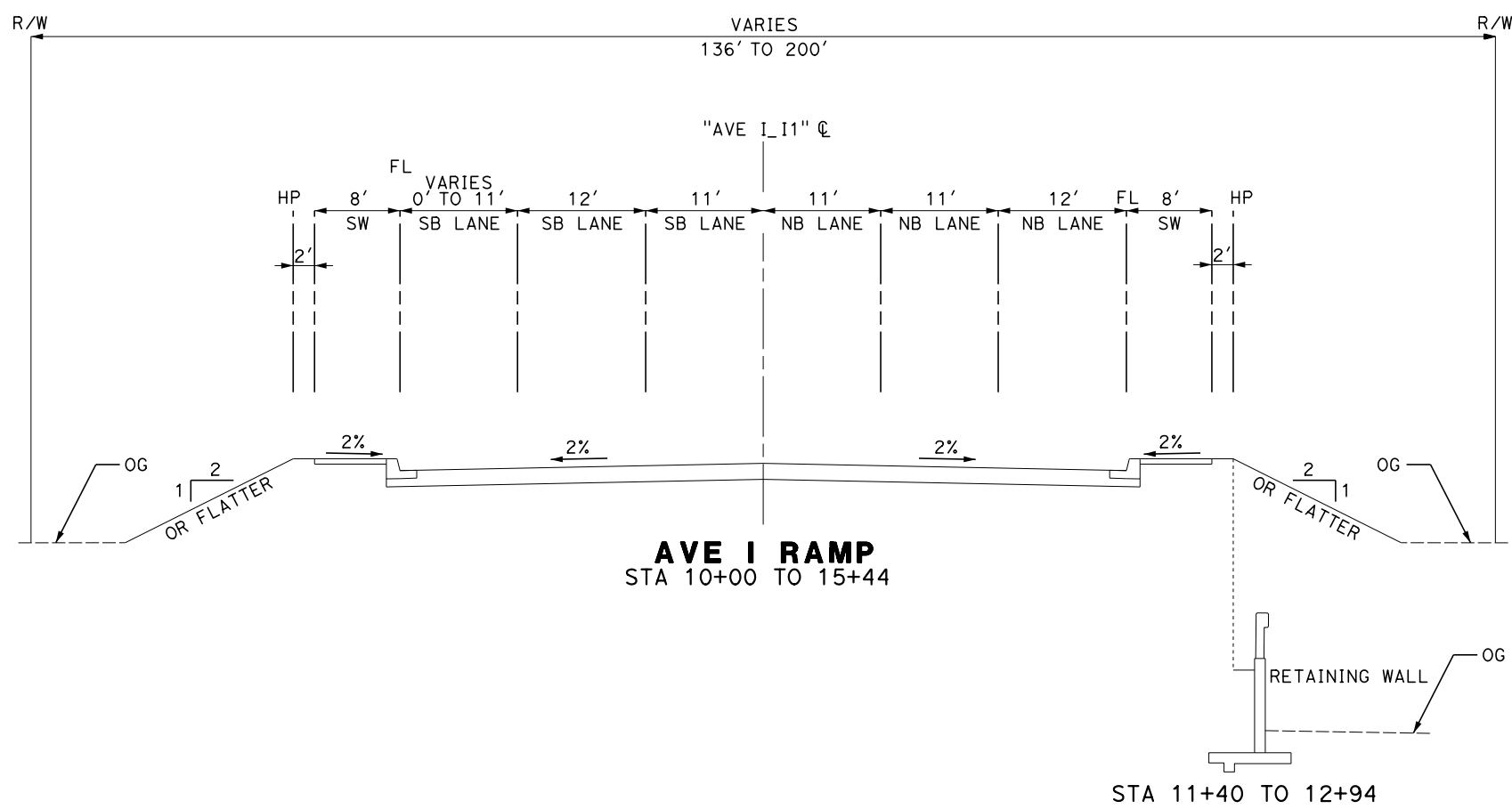
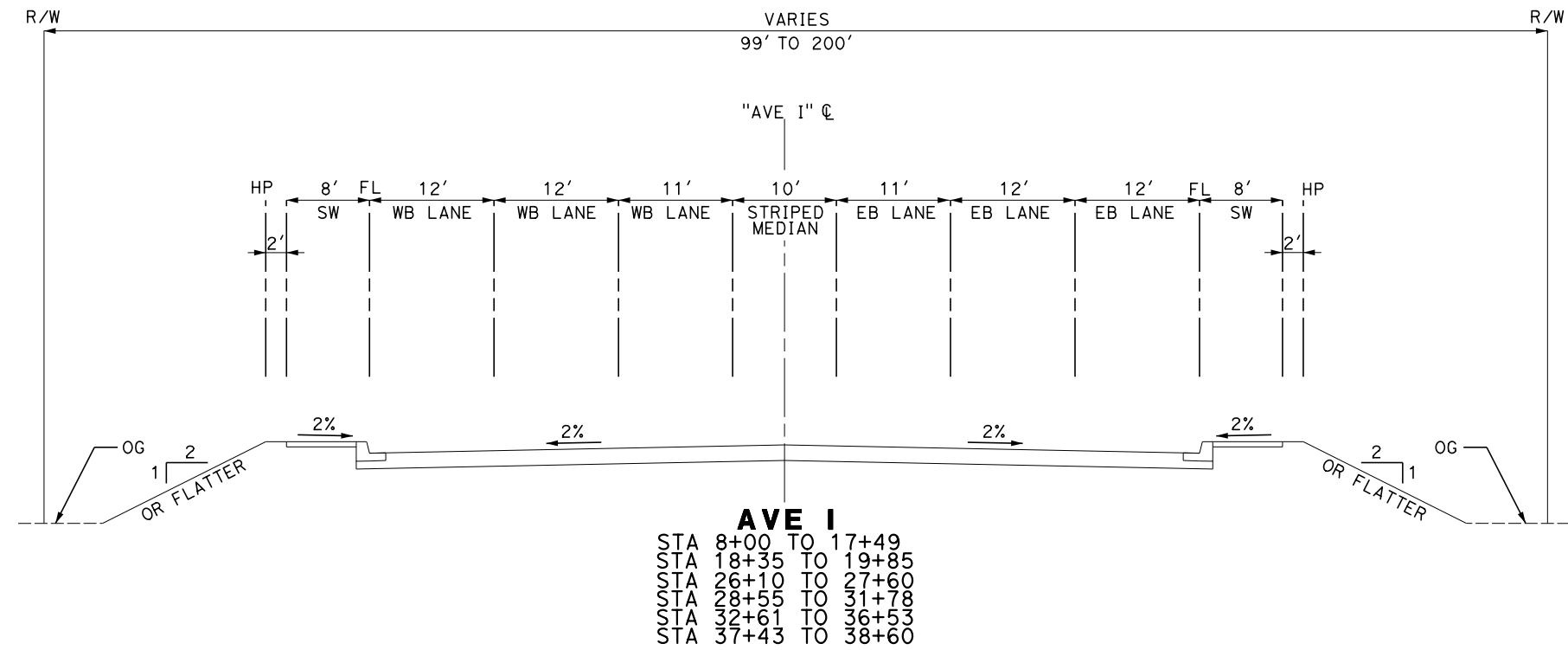
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

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S. SMITH
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BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

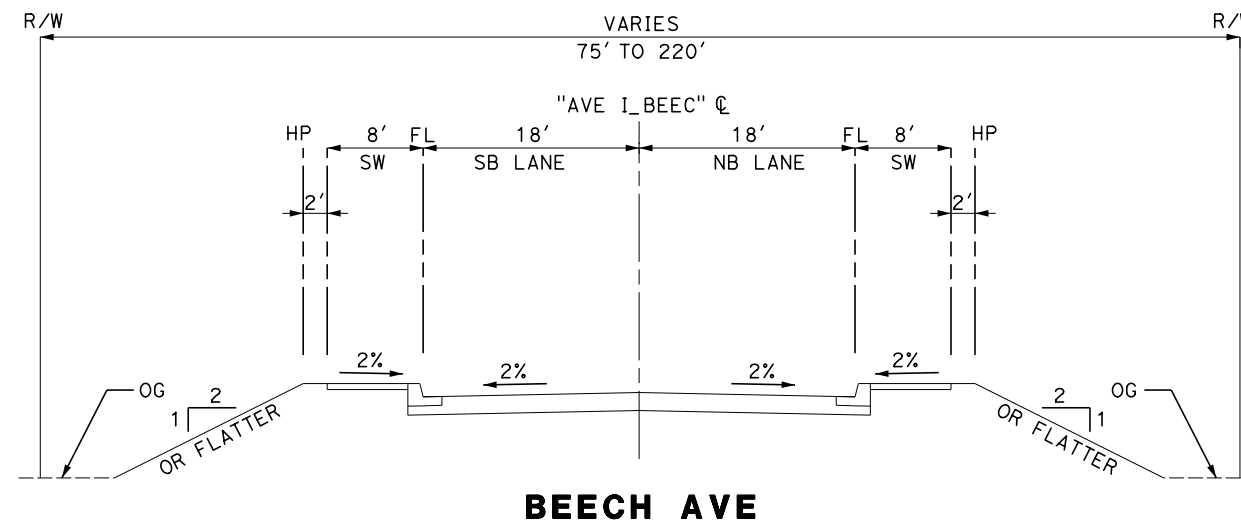
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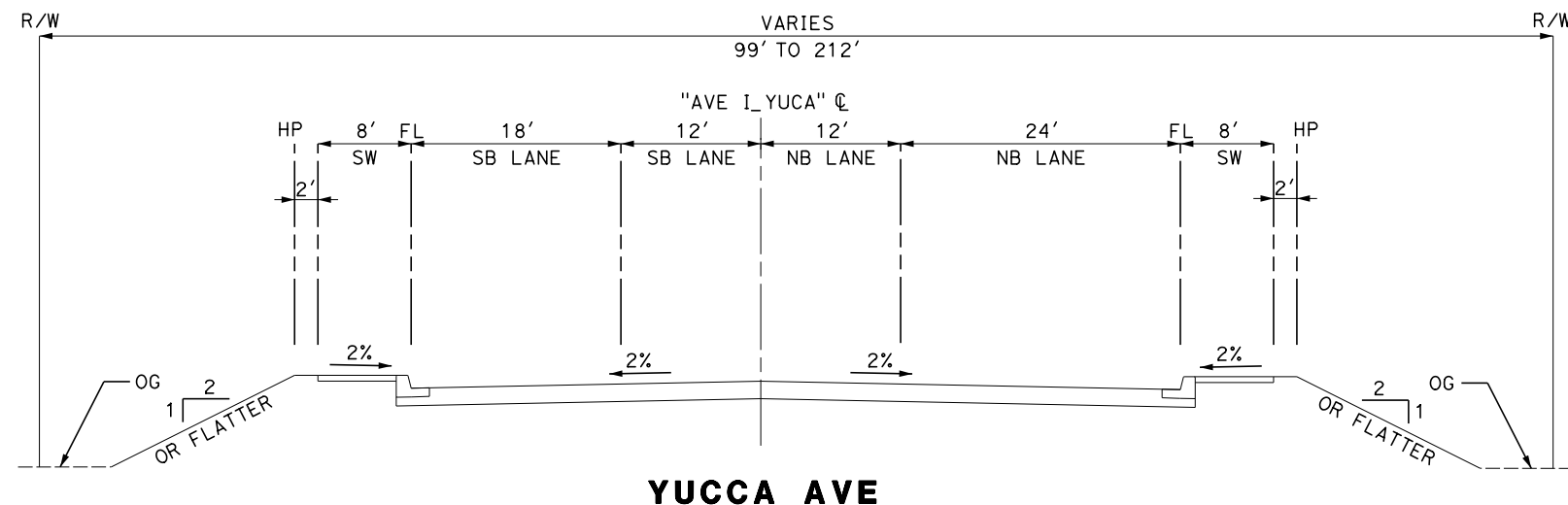
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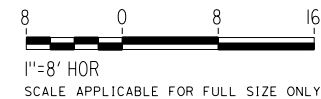
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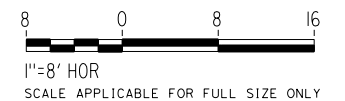
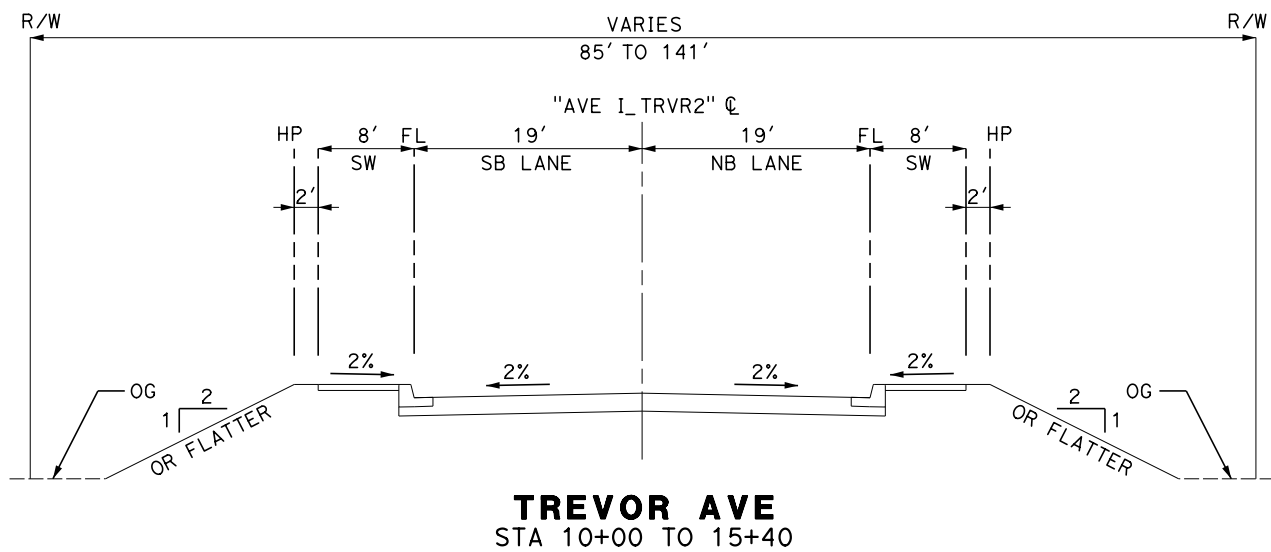
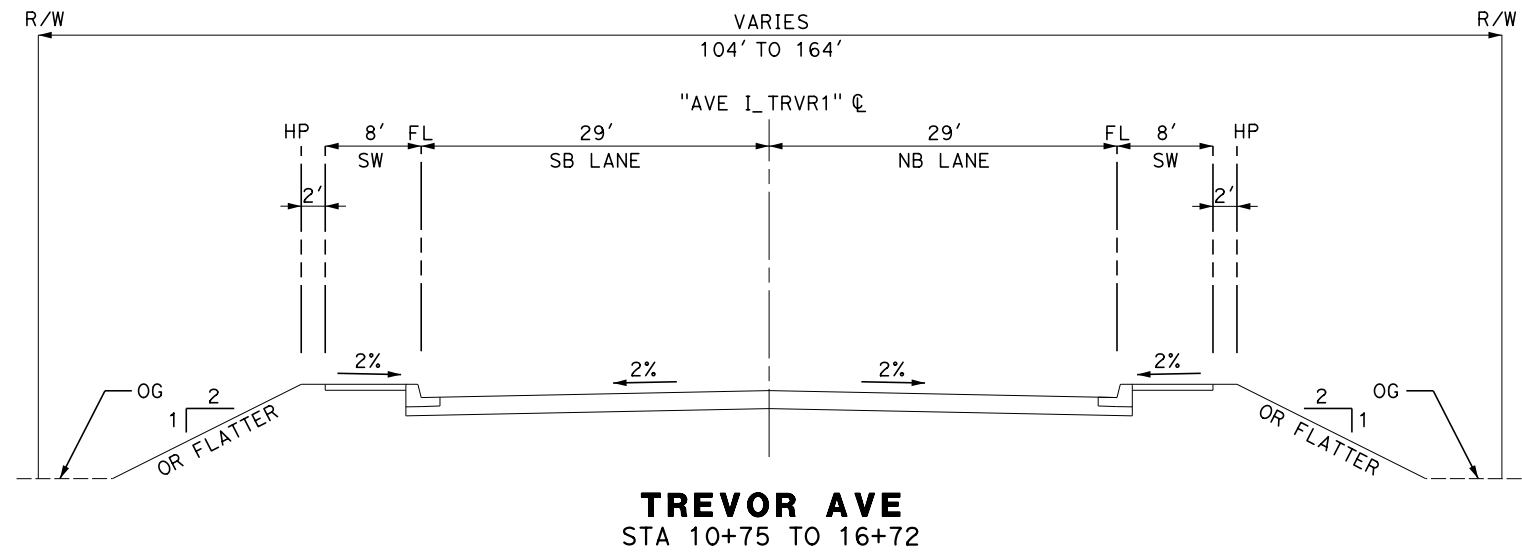
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

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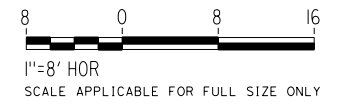
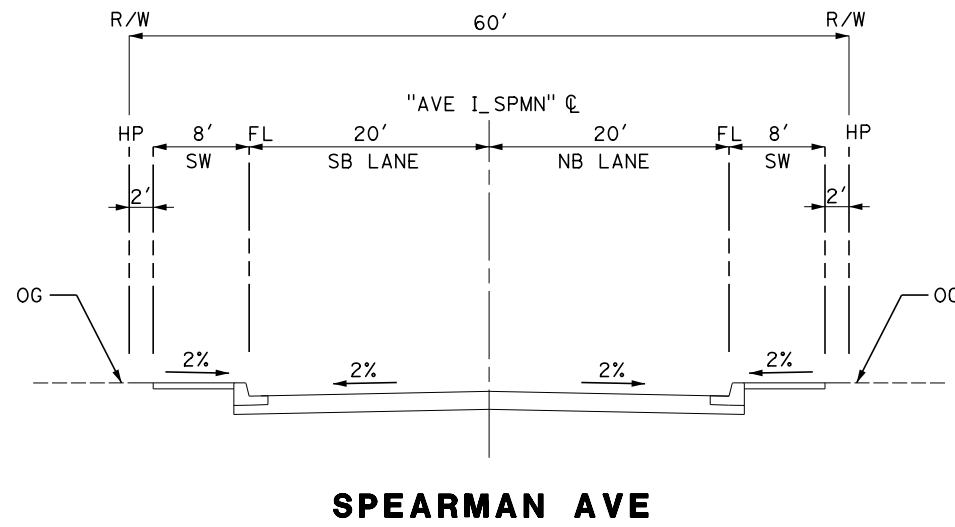


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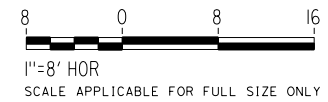
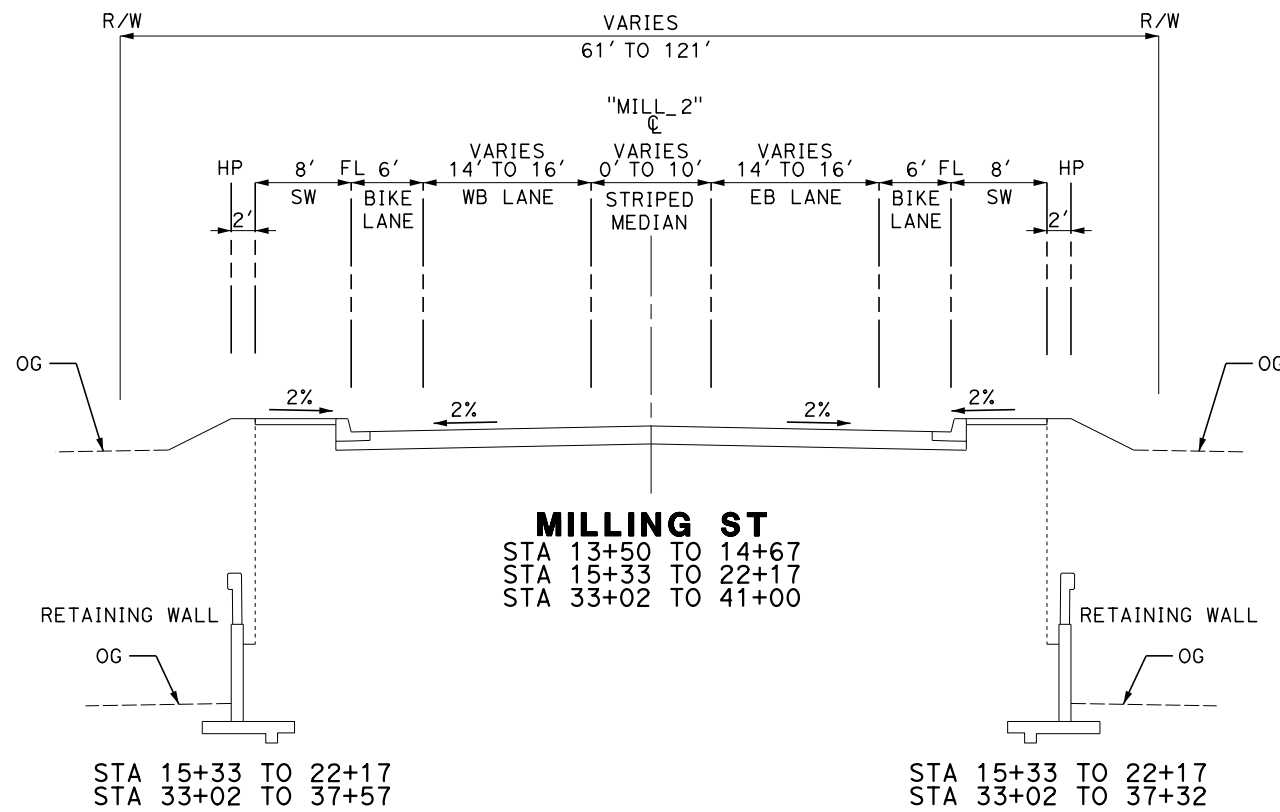
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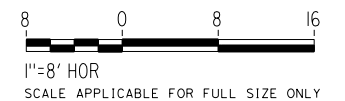
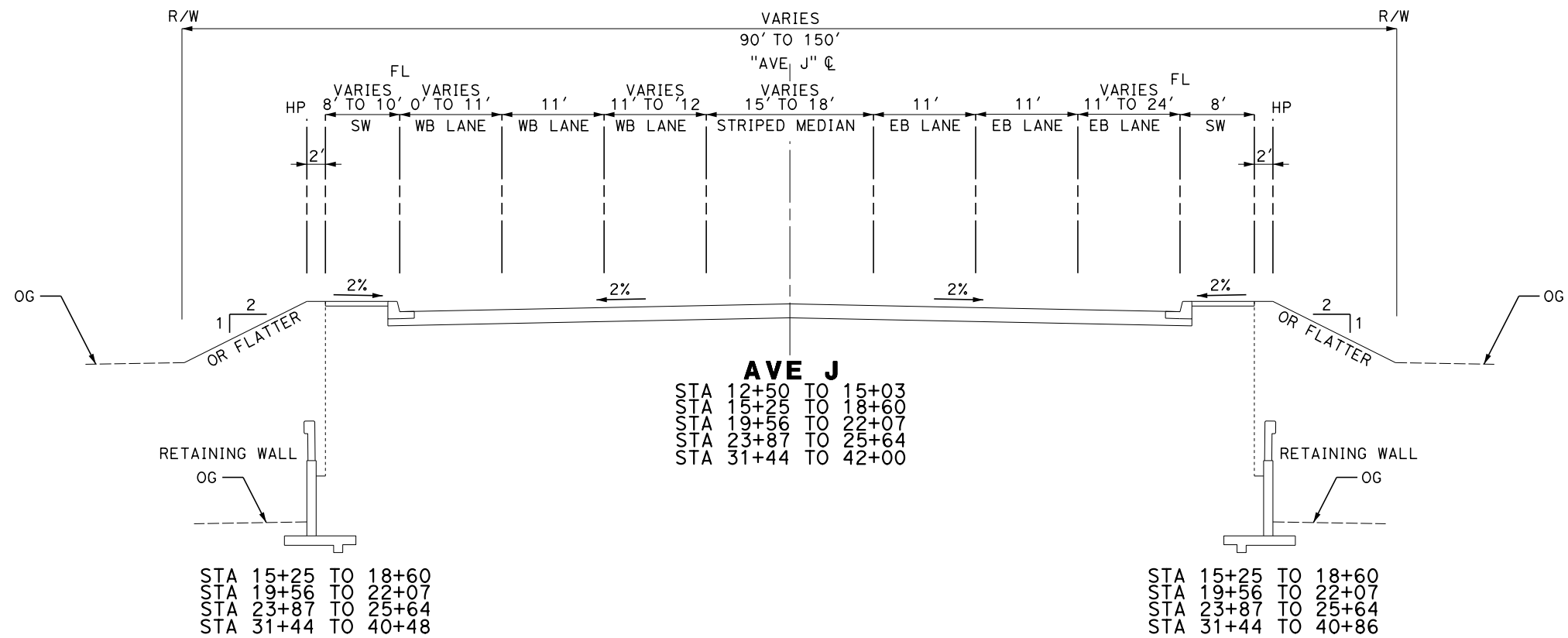
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HSR13-44

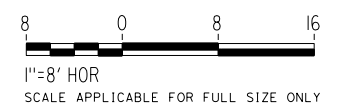
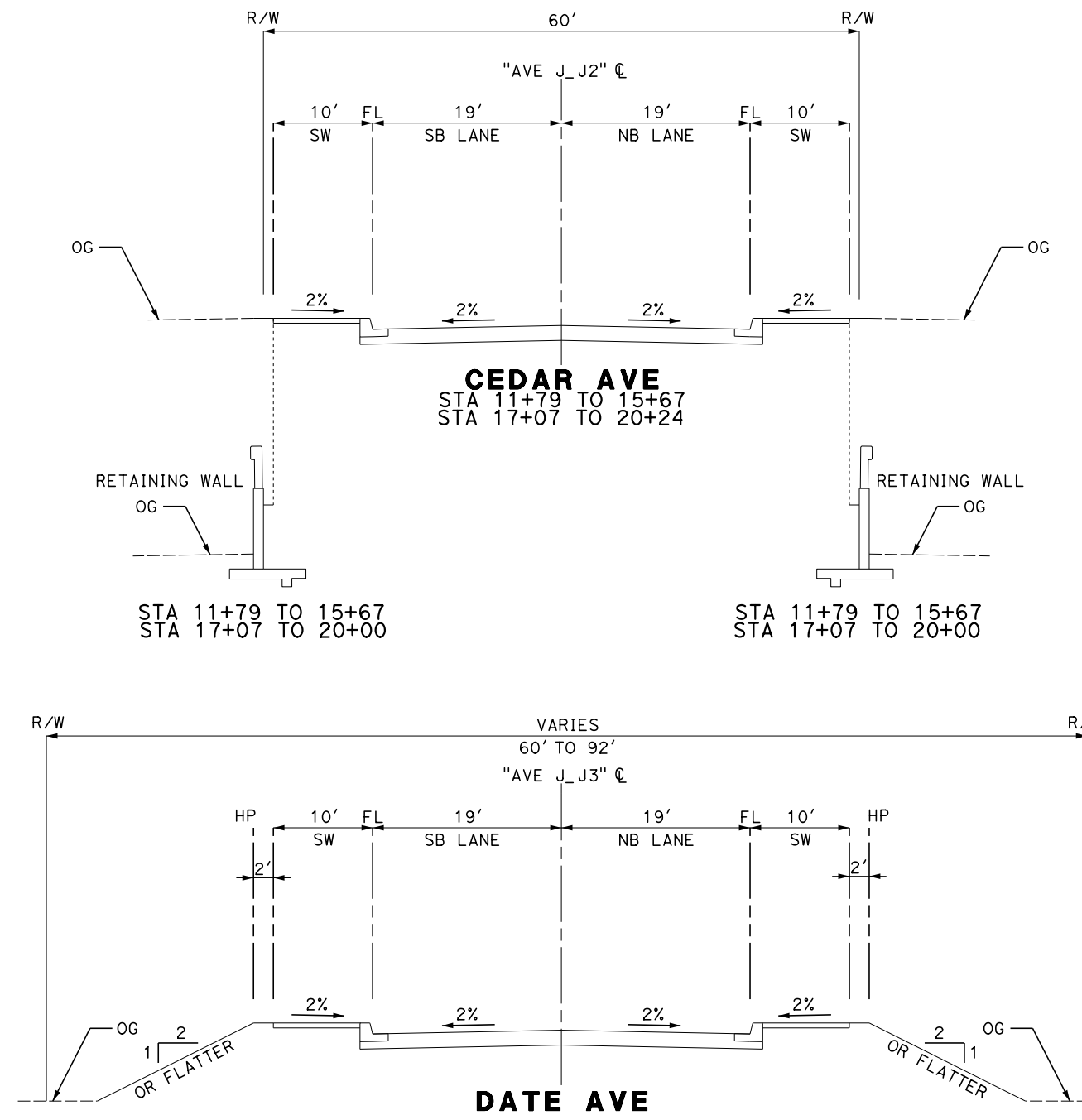
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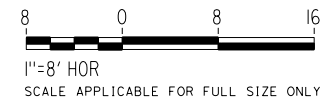
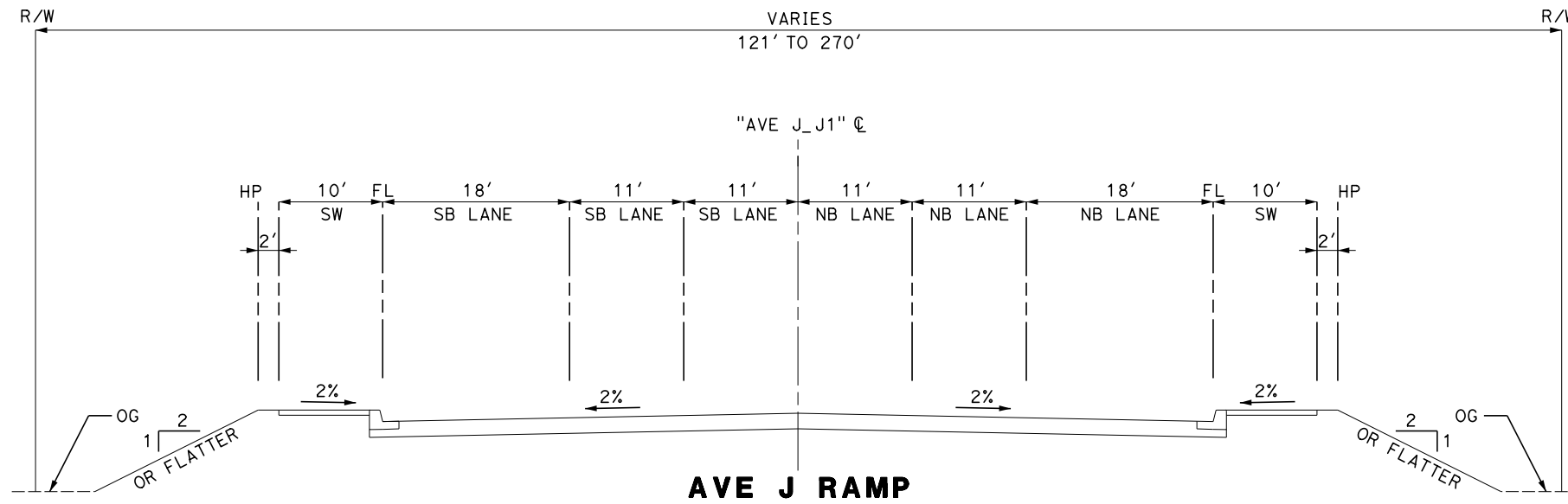
**CALIFORNIA HIGH-SPEED RAIL PROJECT
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TYPICAL SECTIONS

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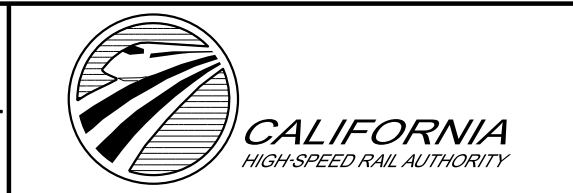


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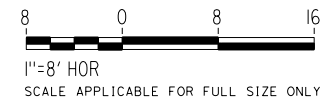
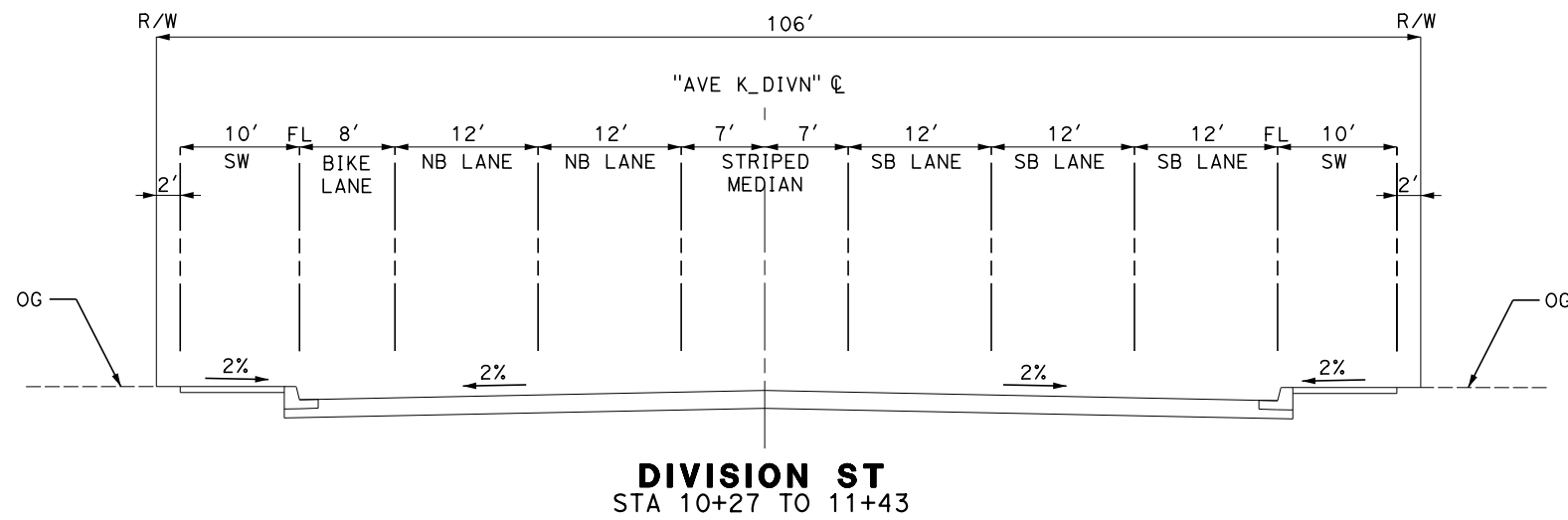
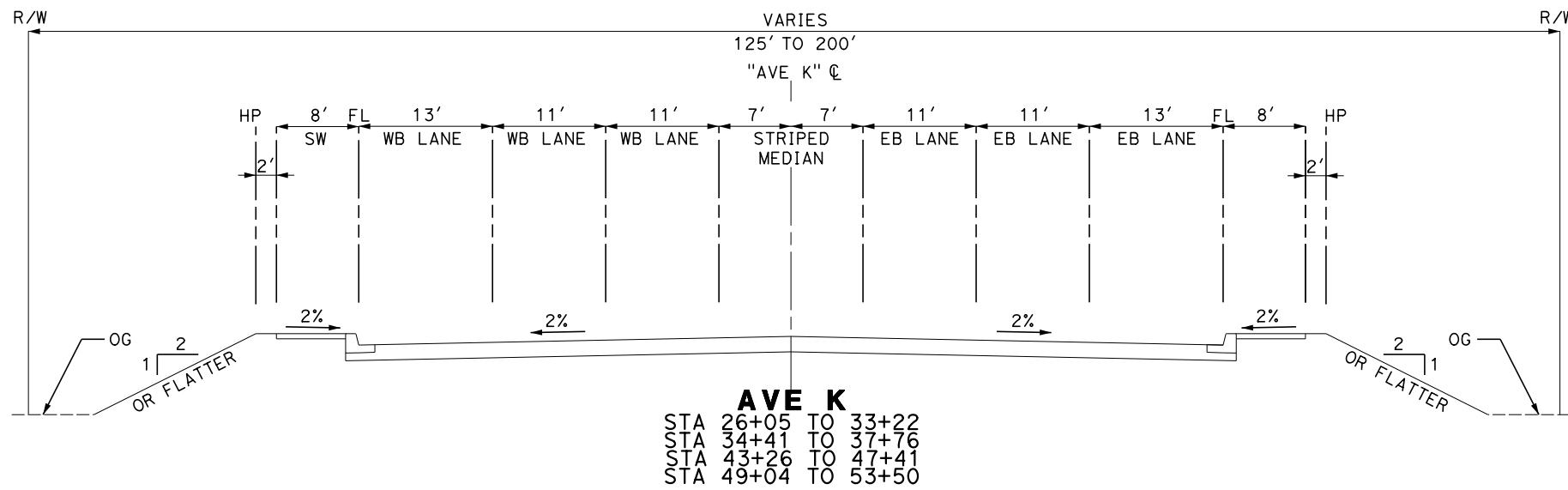
**CALIFORNIA HIGH-SPEED RAIL PROJECT
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GENERAL
TYPICAL SECTIONS

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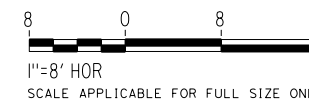
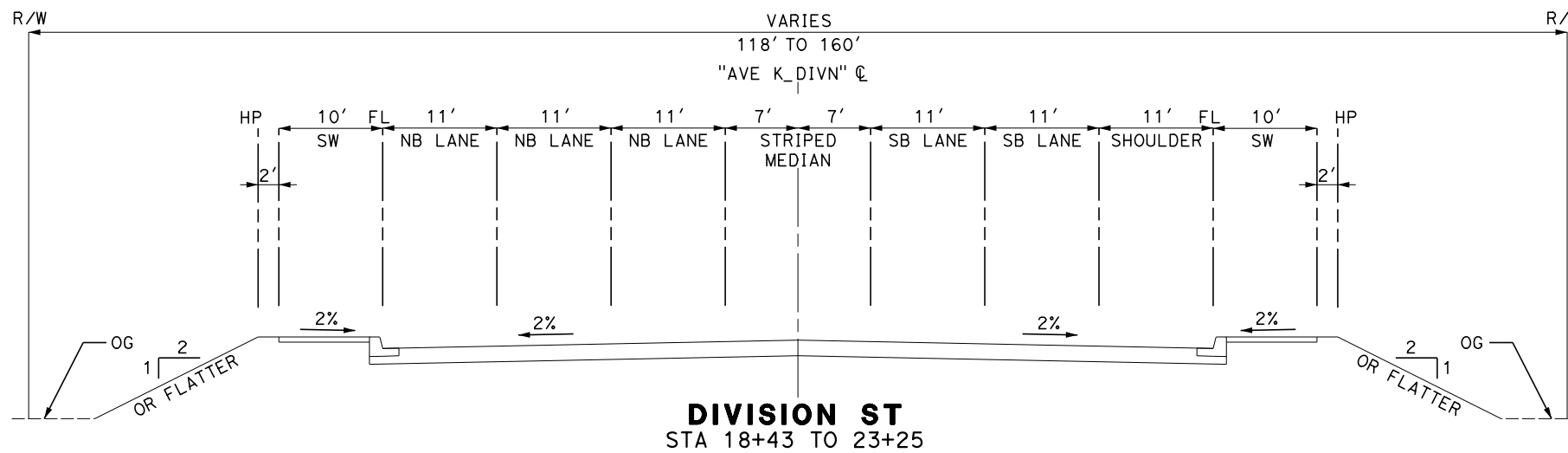
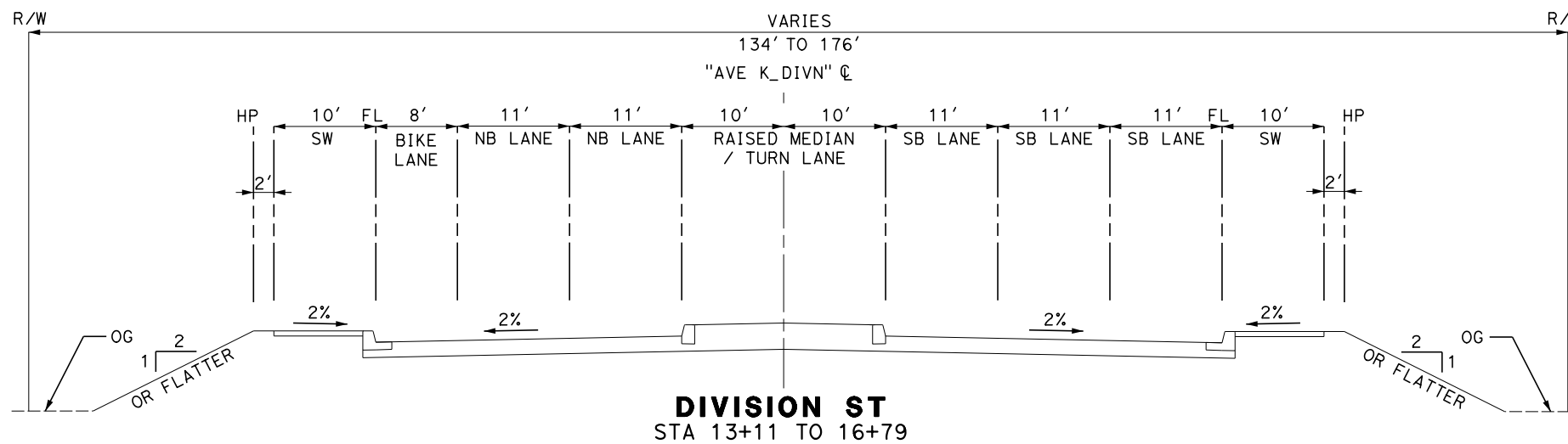
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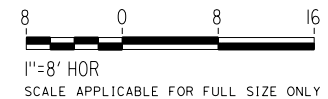
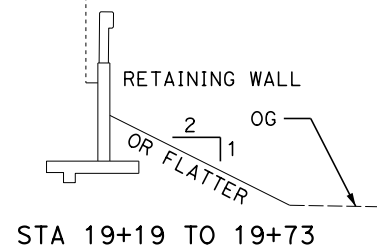
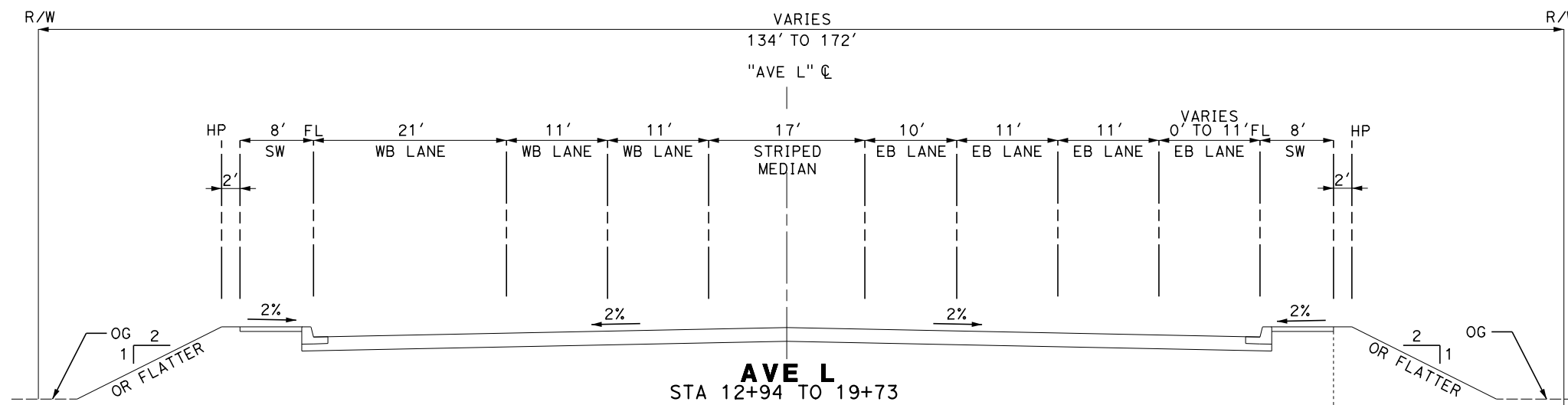
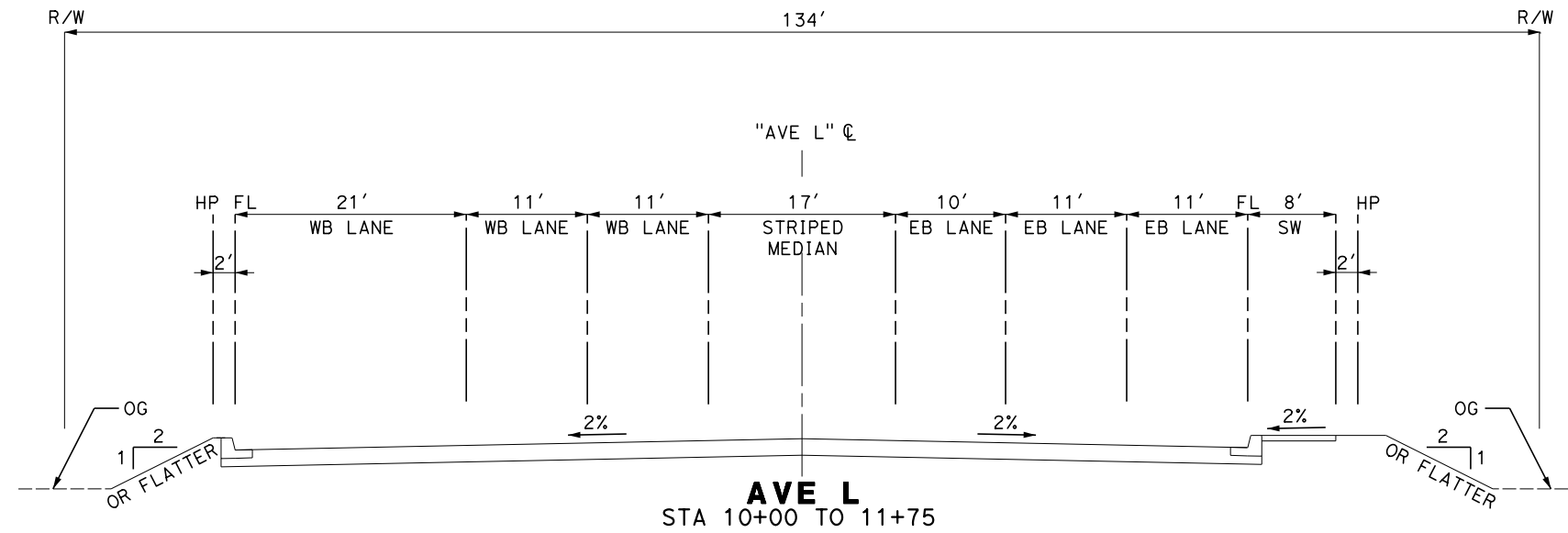


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TYPICAL SECTIONS

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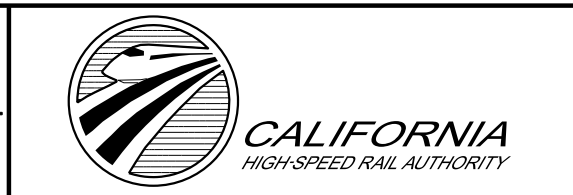


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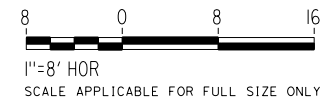
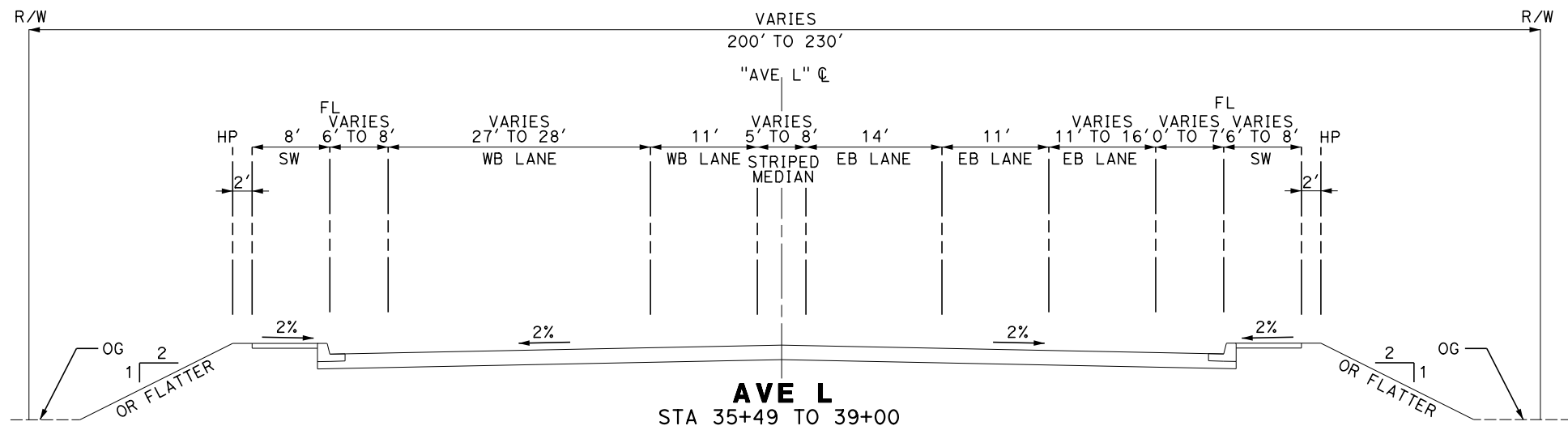
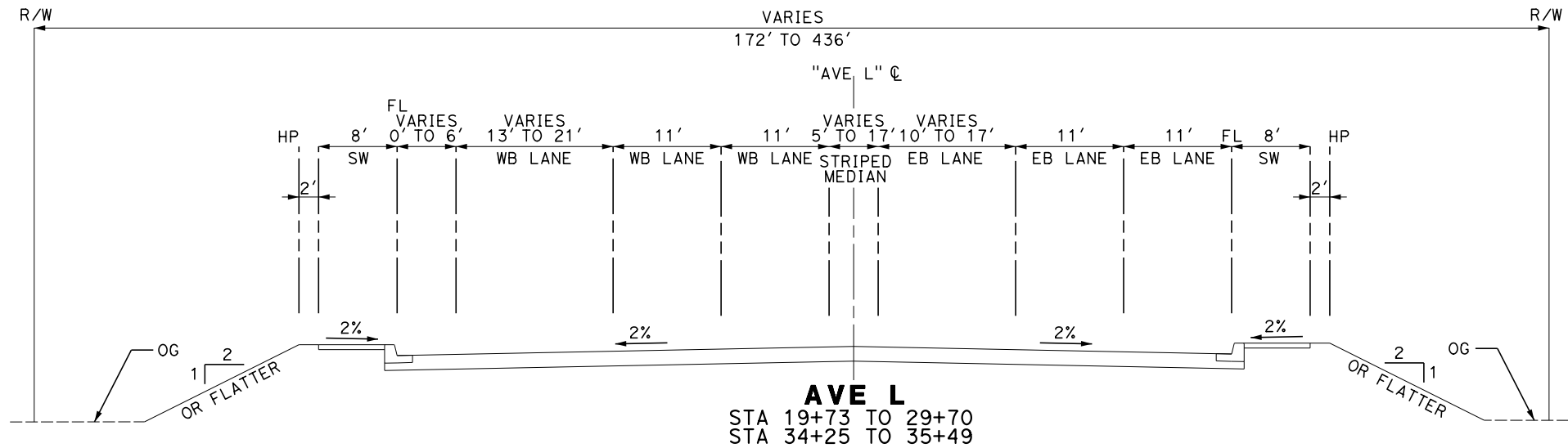
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
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TYPICAL SECTIONS

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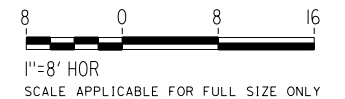
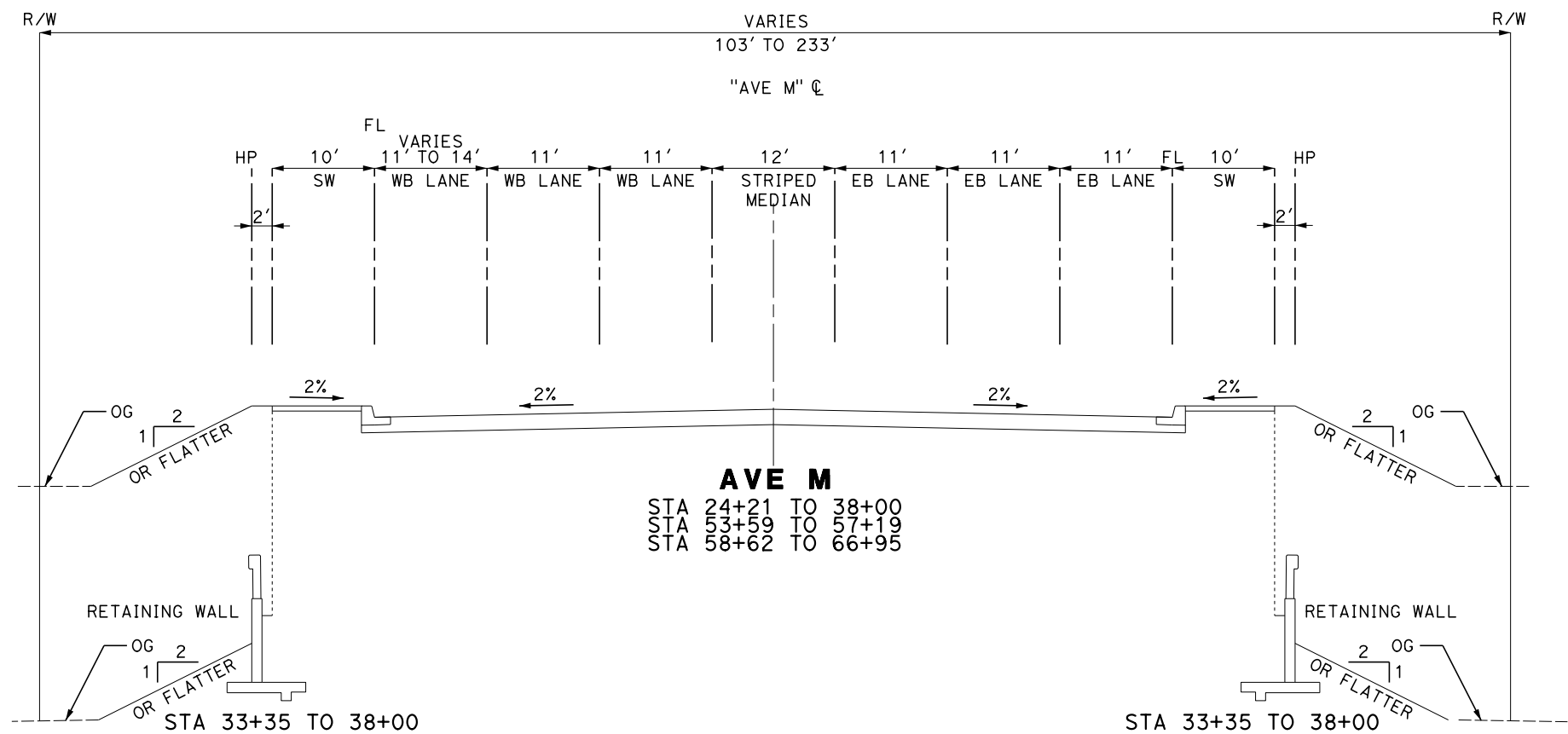
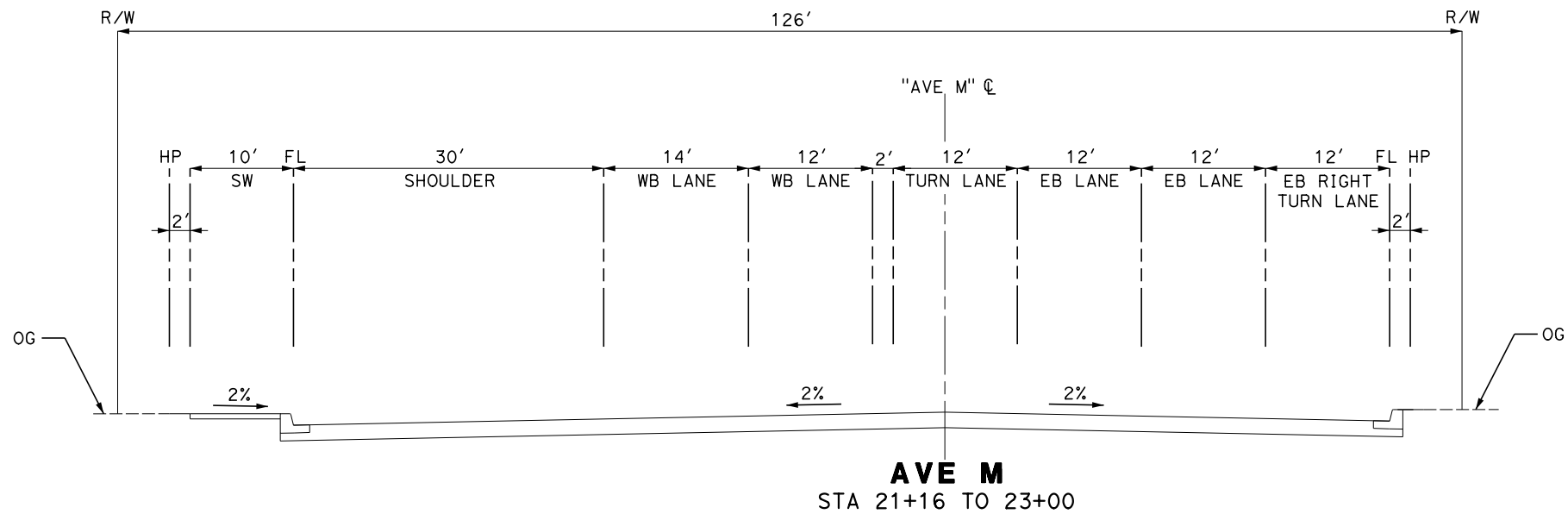
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
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TYPICAL SECTIONS

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BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
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CONTRACT NO.
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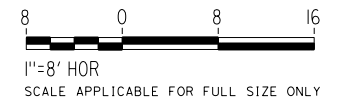
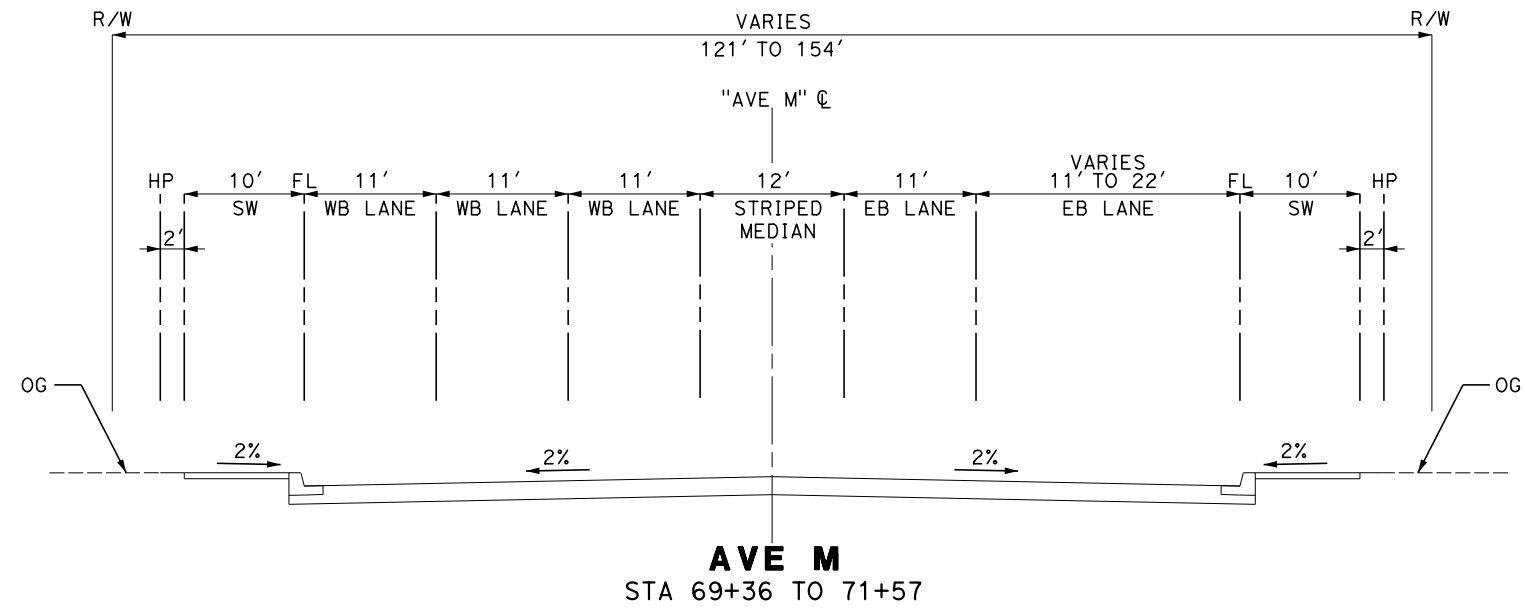
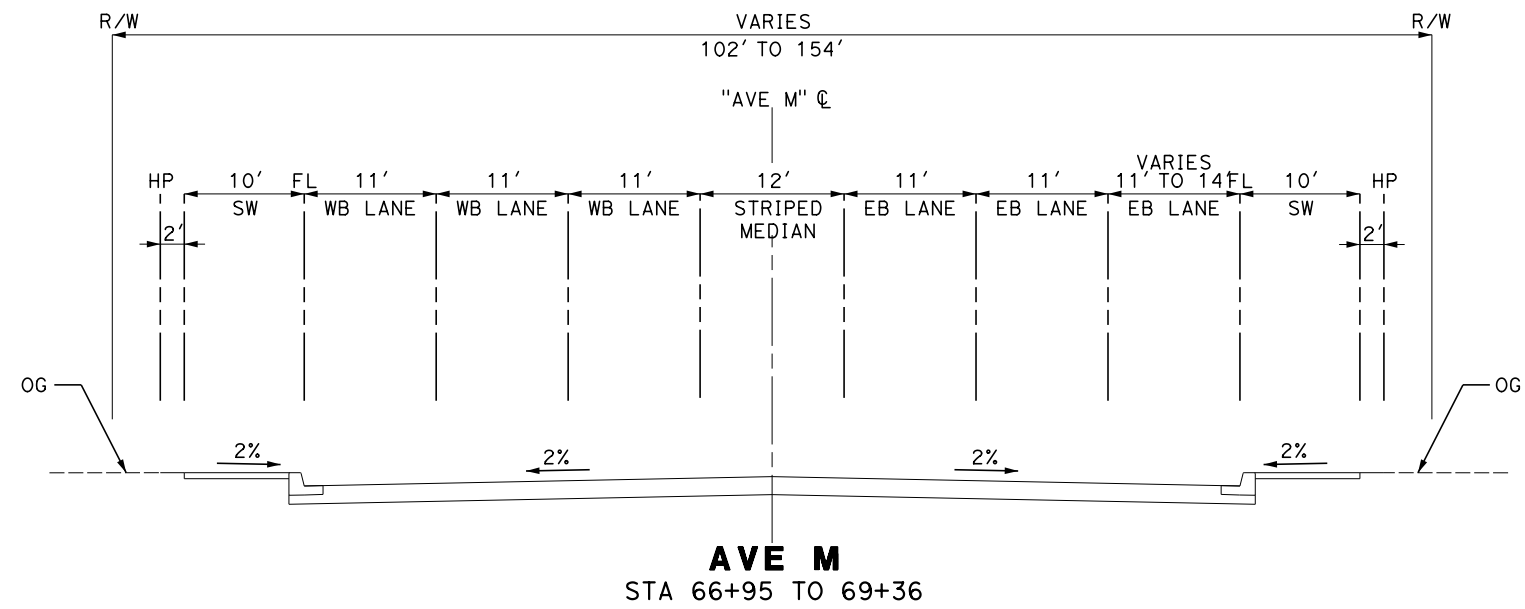
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BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
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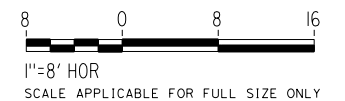
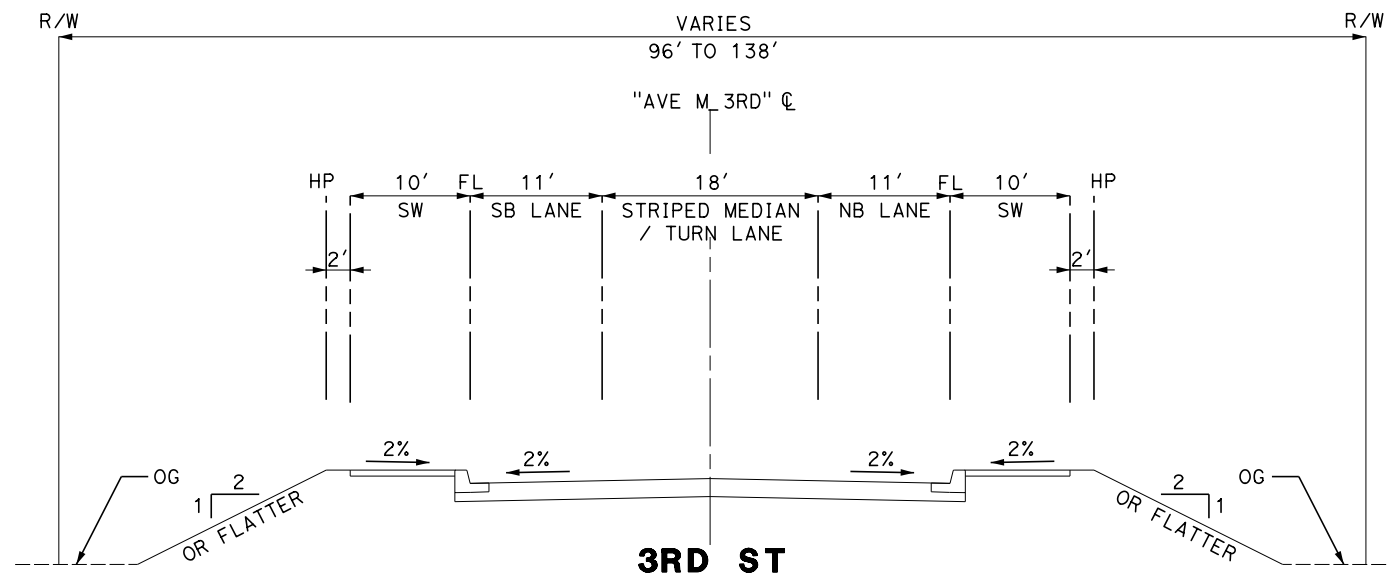
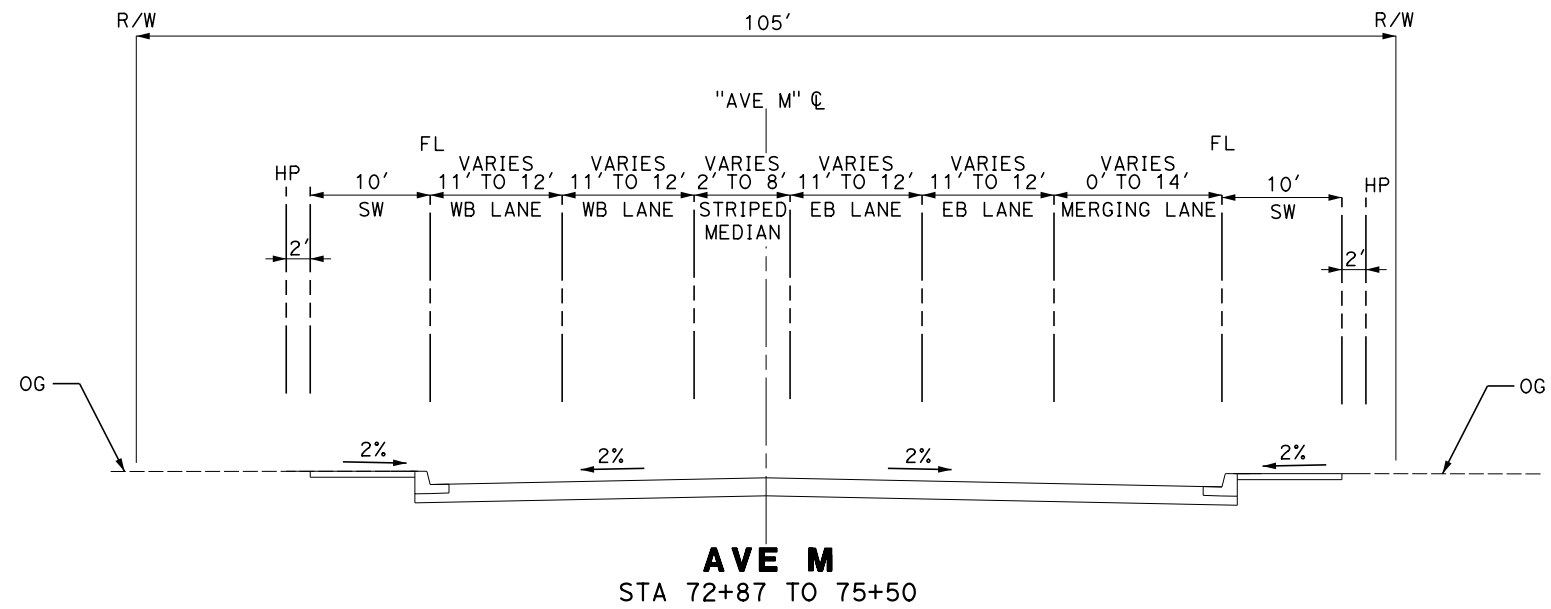
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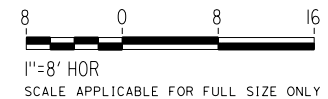
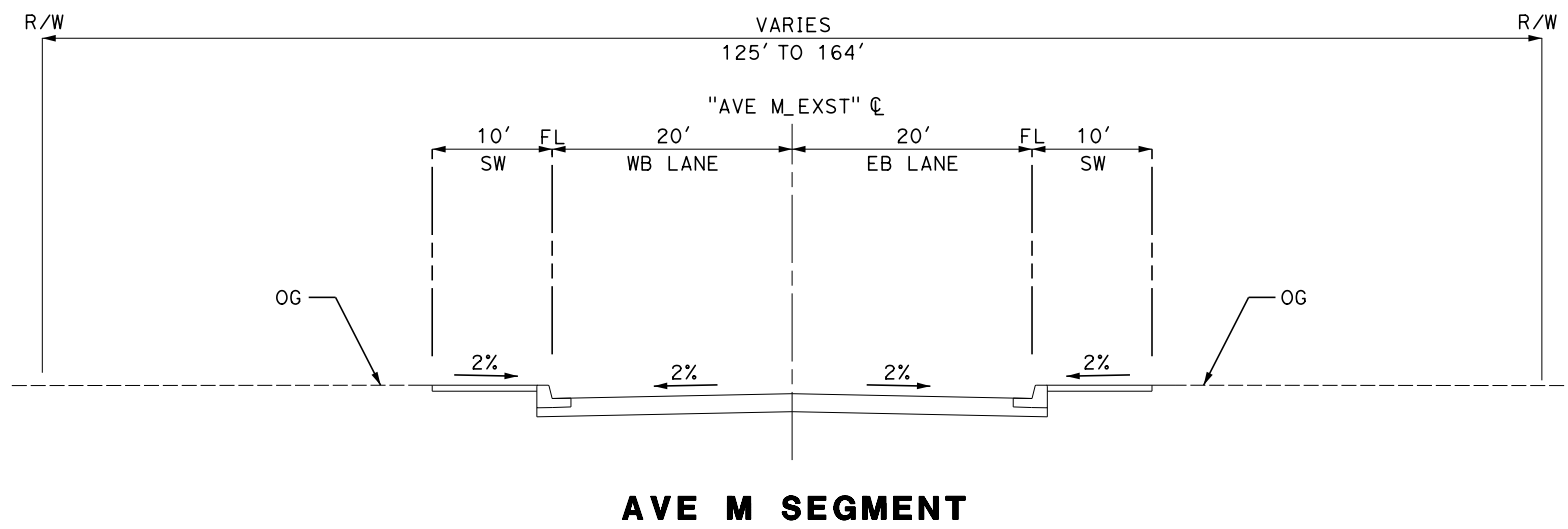
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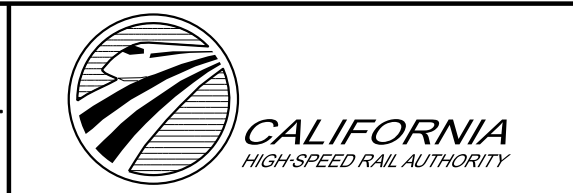
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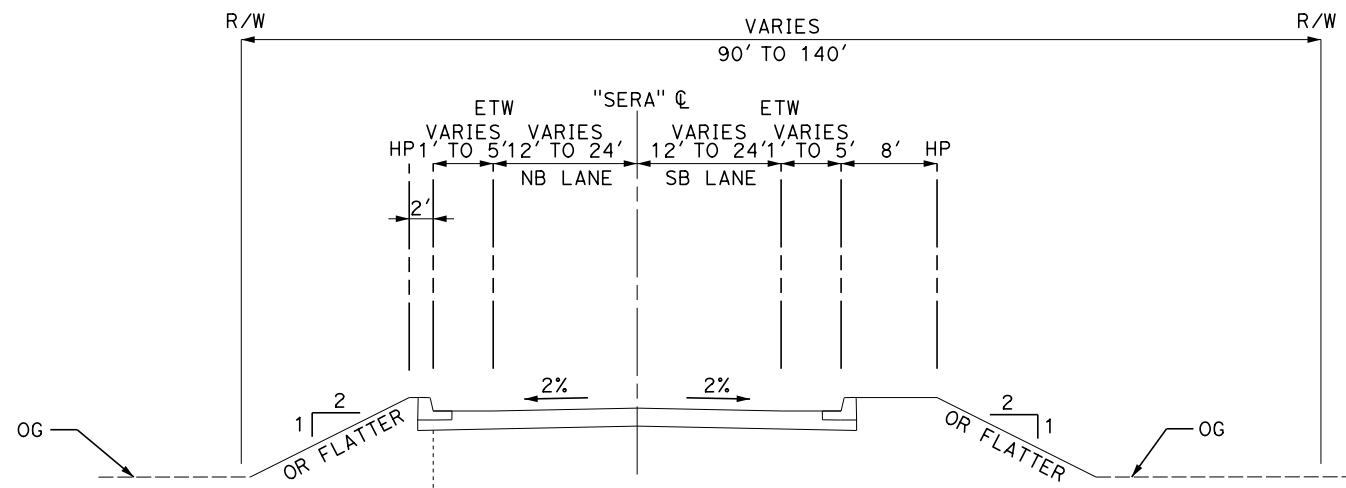
**CALIFORNIA HIGH-SPEED RAIL PROJECT
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ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

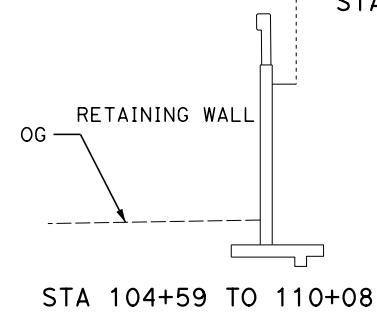
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HSR13-44
DRAWING NO.
CV-B3524
SCALE
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SHEET NO.

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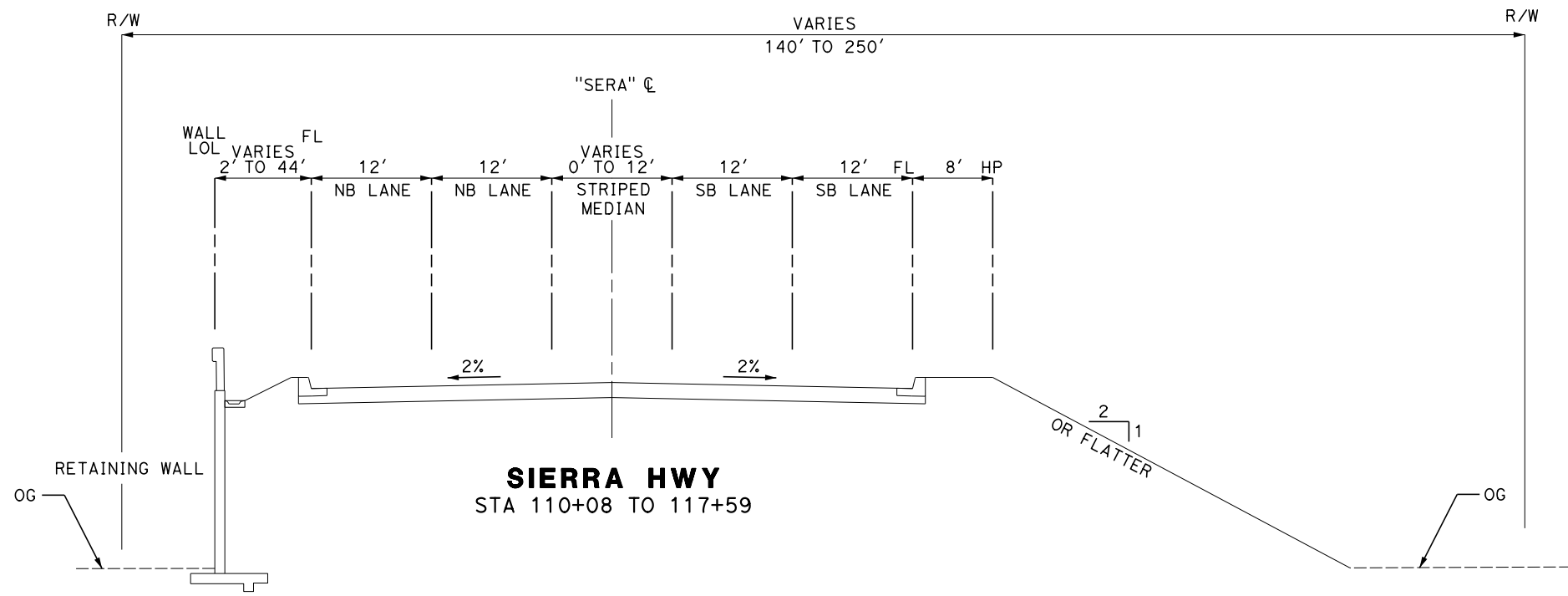
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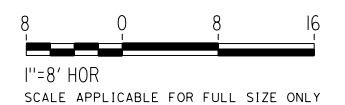
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STA 101+95 TO 110+08



STA 104+59 TO 110+08



SIERRA HWY
STA 110+08 TO 117+59

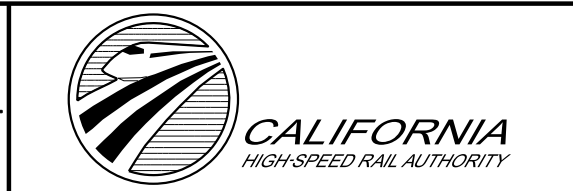


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
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CONSTRUCTION**



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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

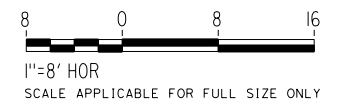
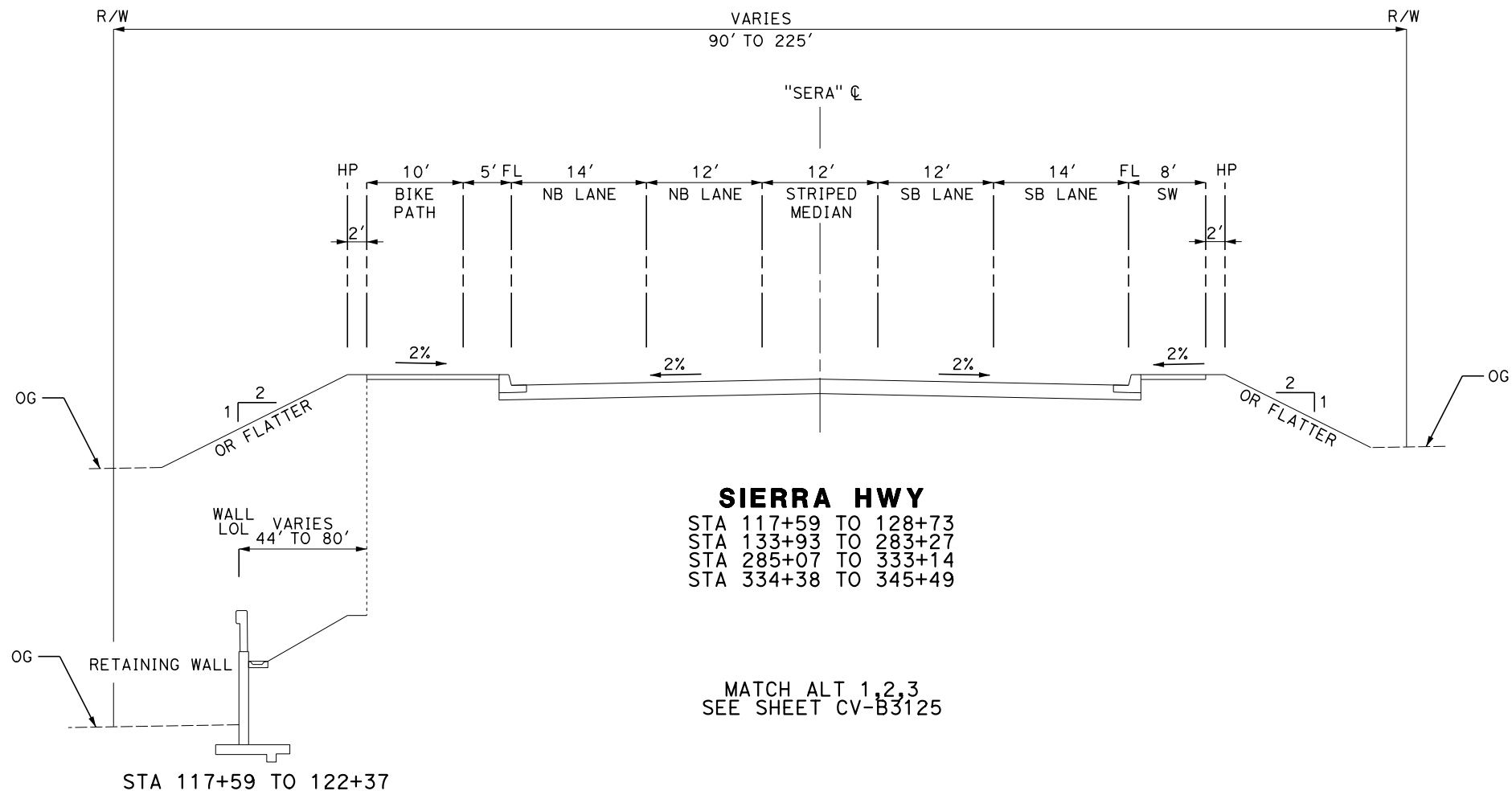
DRAWING NO.
CV-B3526

SCALE
AS SHOWN

SHEET NO.

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11/3/2017 5:03:13 PM
OIC:ARivera



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DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

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CONSTRUCTION**

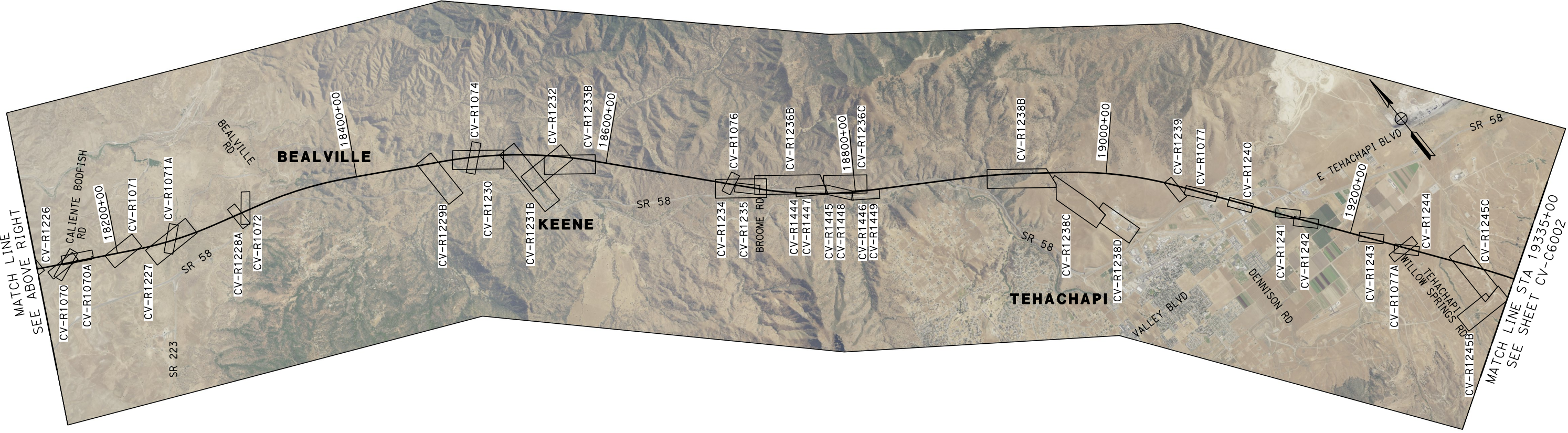
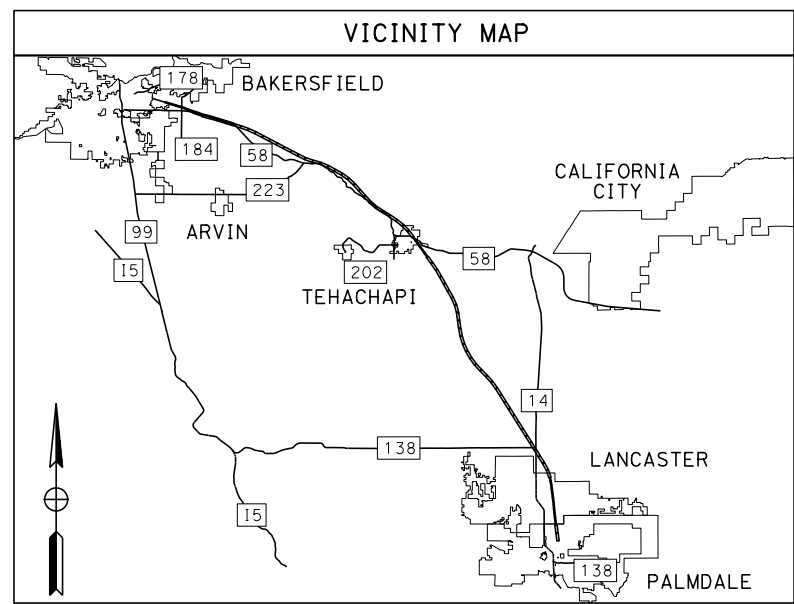
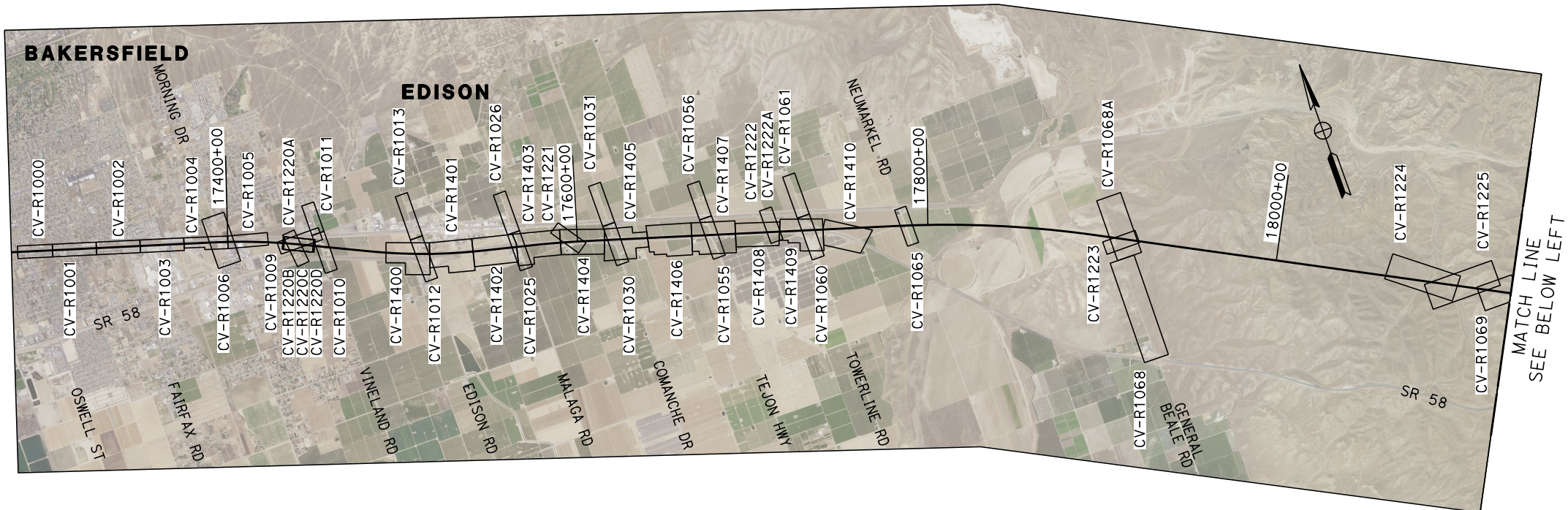


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3527
SCALE
AS SHOWN
SHEET NO.

ALTERNATIVE 1



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6001.dgn 11/3/2017 4:52:26 PM OIC:Arivera

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D. HOLMAN

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A. CARSON

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G. CAMPBELL

IN CHARGE
S. SMITH

DATE
10/31/2017

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

ALTERNATIVE 1
GENERAL
KEY MAP
SHEET 1 OF 2

CONTRACT NO.
HSR13-44

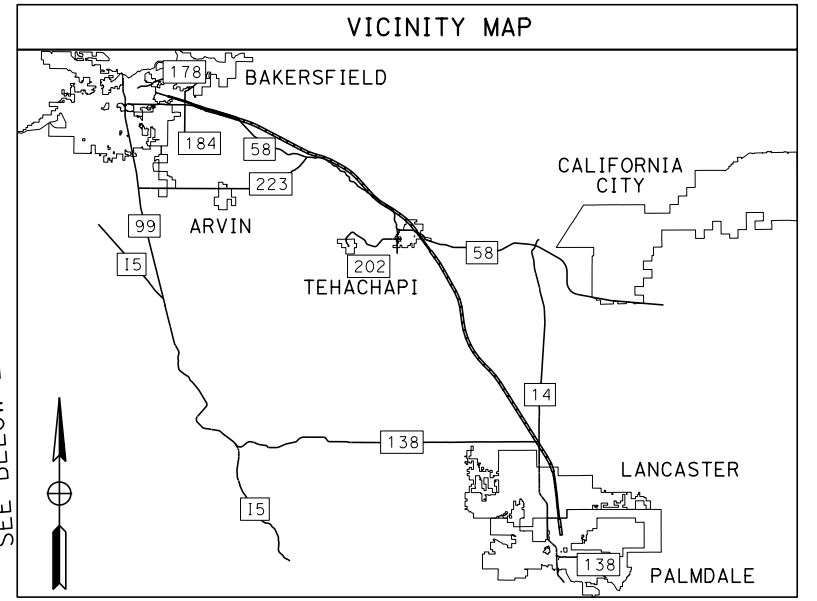
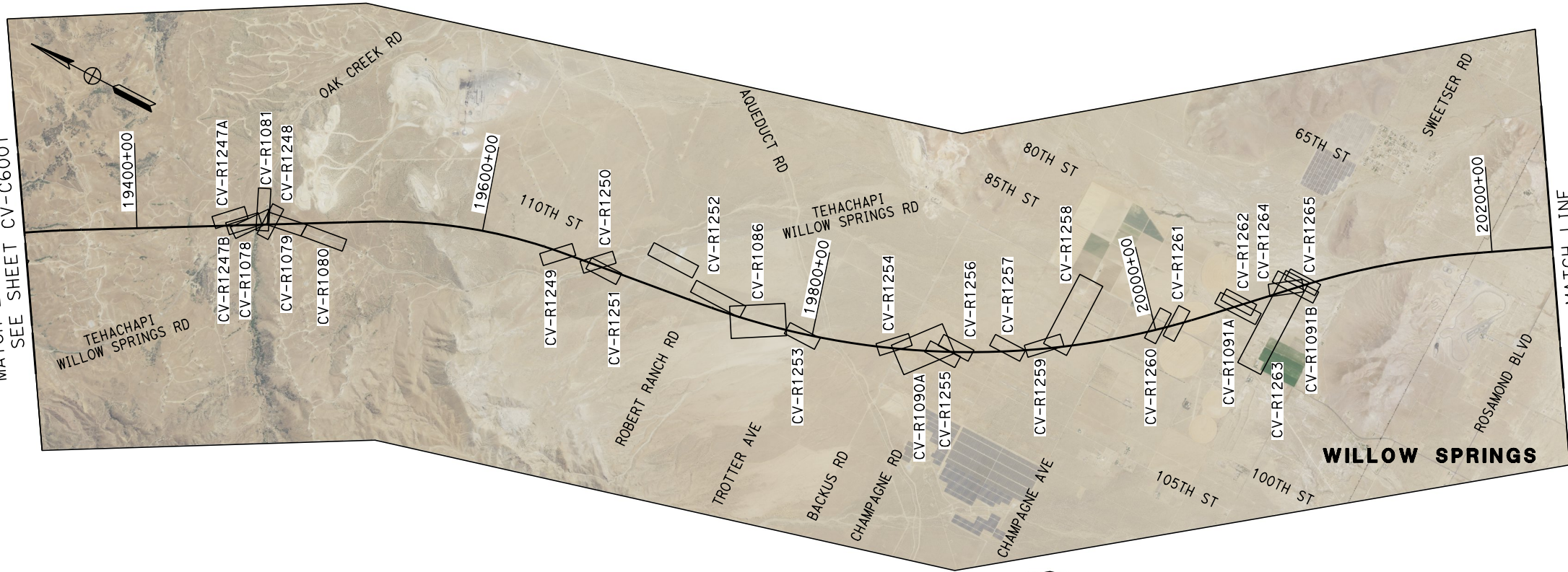
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AS SHOWN

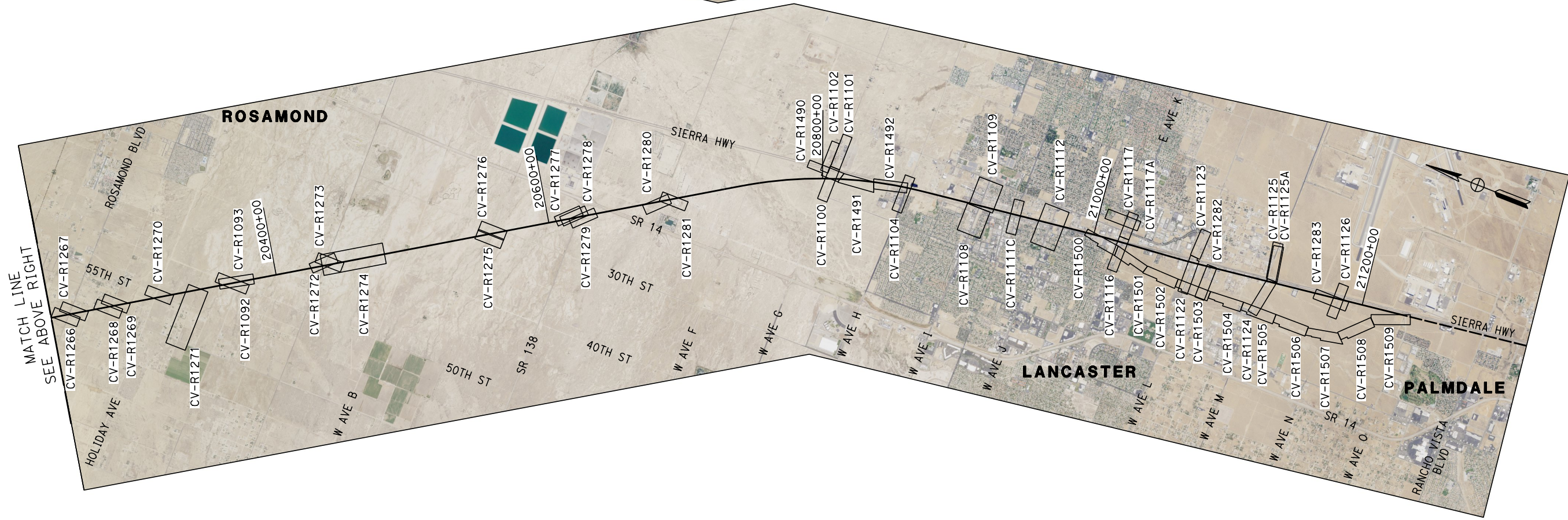
SHEET NO.

ALTERNATIVE 1

MATCH LINE STA 19335+00
SEE SHEET CV-C6001



MATCH LINE
SEE BELOW LEFT



MATCH LINE
SEE ABOVE RIGHT

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REV	DATE	BY	CHK	APP	DESCRIPTION

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D. HOLMAN

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S. SMITH

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

ALTERNATIVE 1
GENERAL
KEY MAP
SHEET 2 OF 2

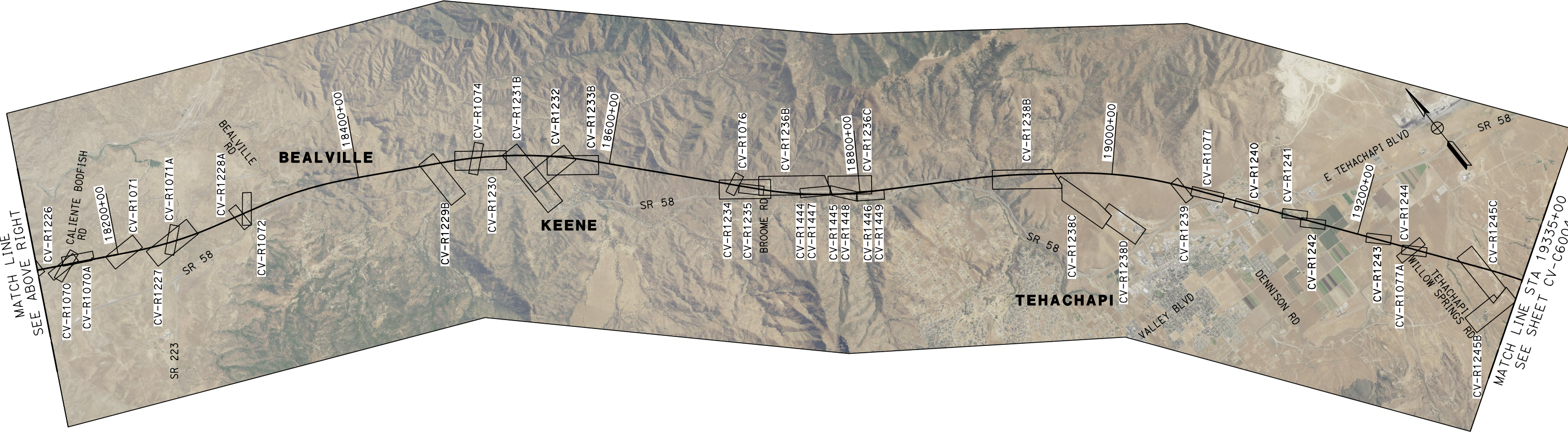
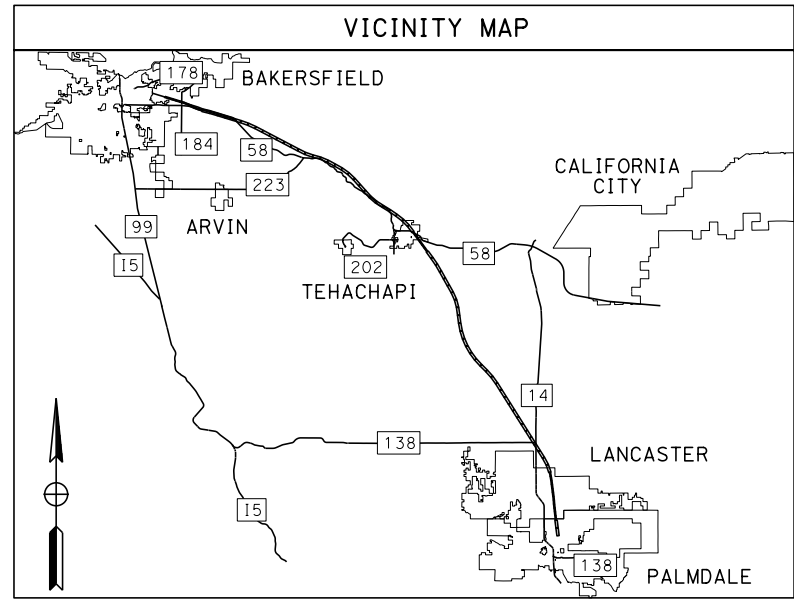
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HSR13-44

DRAWING NO.
CV-C6002

SCALE
AS SHOWN

SHEET NO.

ALTERNATIVE 2



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OIC:Arivega 11/3/2017 4:53:33 PM

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S. SMITH

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

ALTERNATIVE 2
GENERAL
KEY MAP
SHEET 1 OF 2

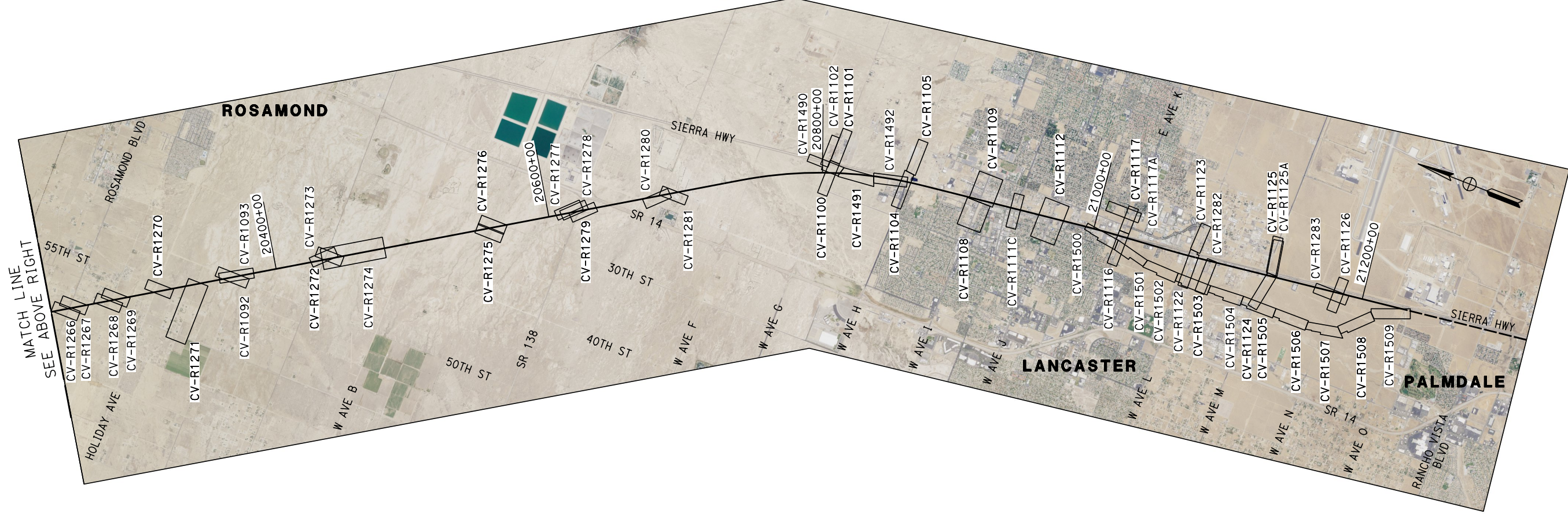
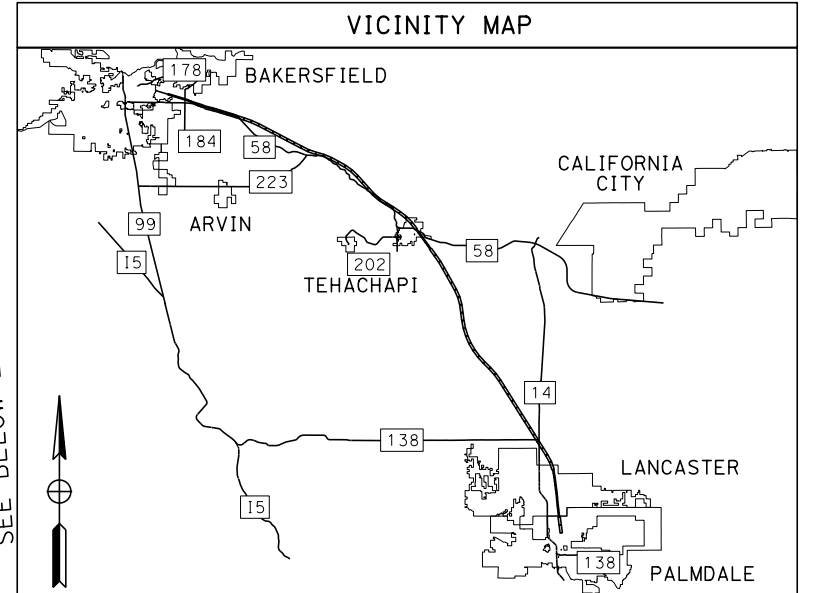
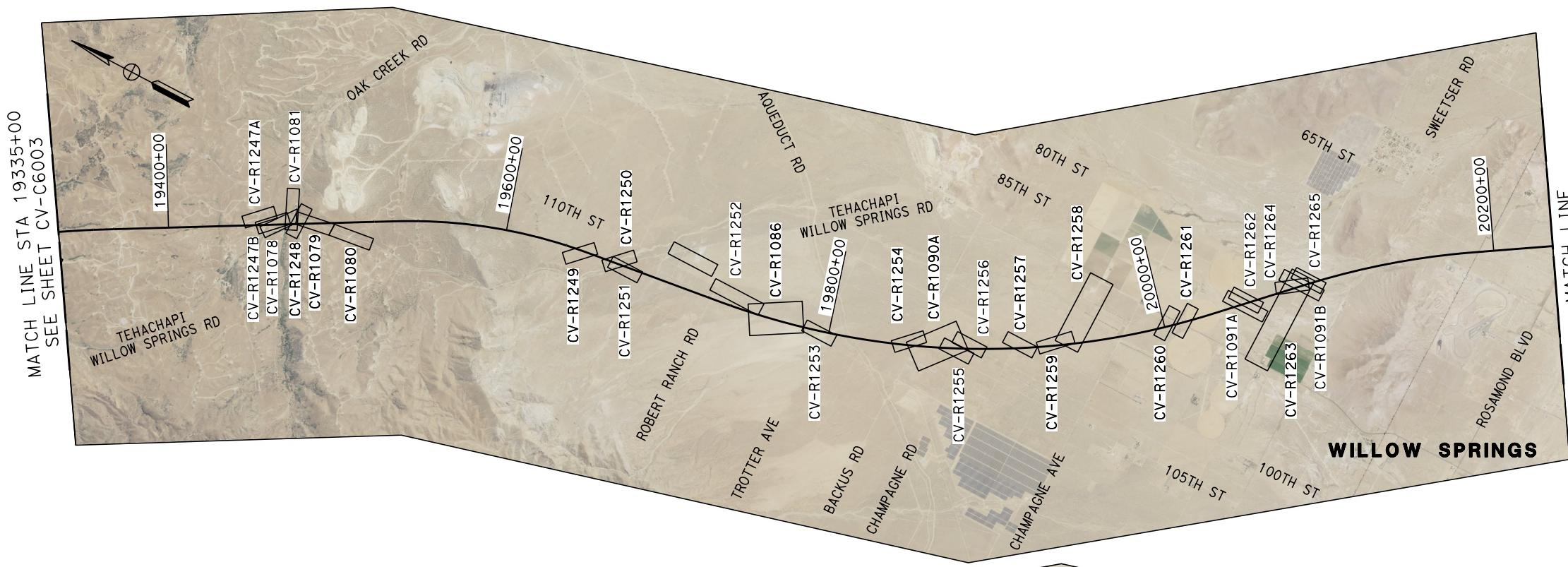
CONTRACT NO.
HSR13-44

DRAWING NO.
CV-C6003

SCALE
AS SHOWN

SHEET NO.

ALTERNATIVE 2



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S. SMITH

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

ALTERNATIVE 2
GENERAL
KEY MAP
SHEET 2 OF 2

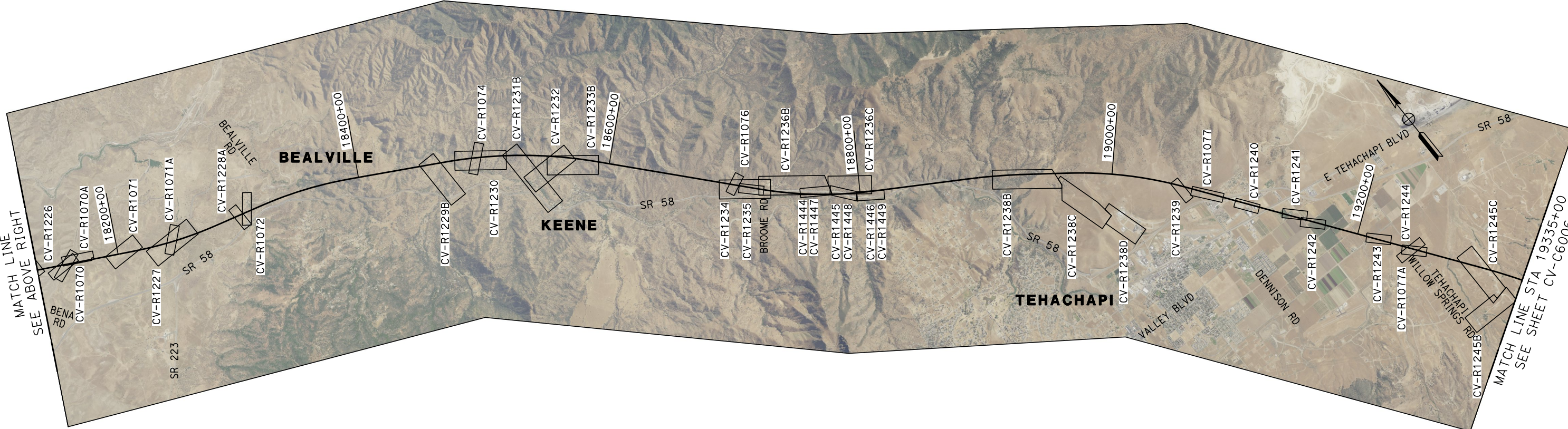
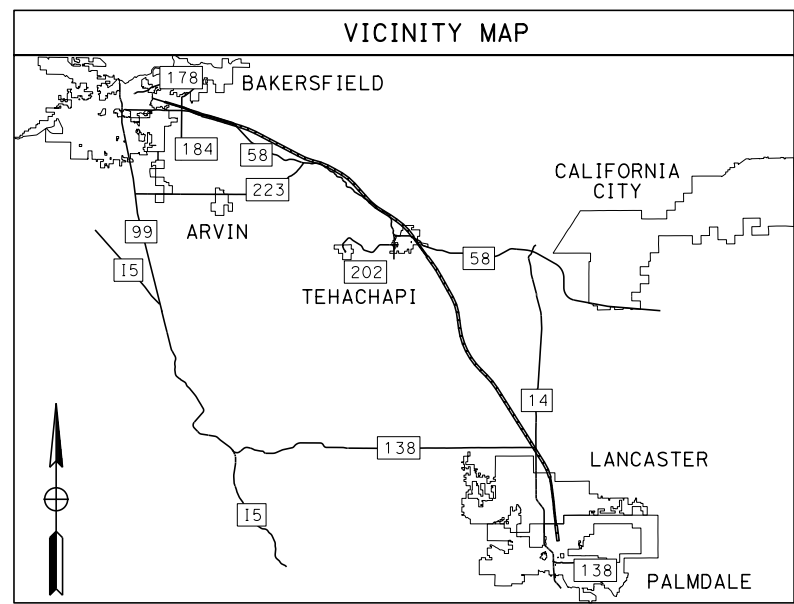
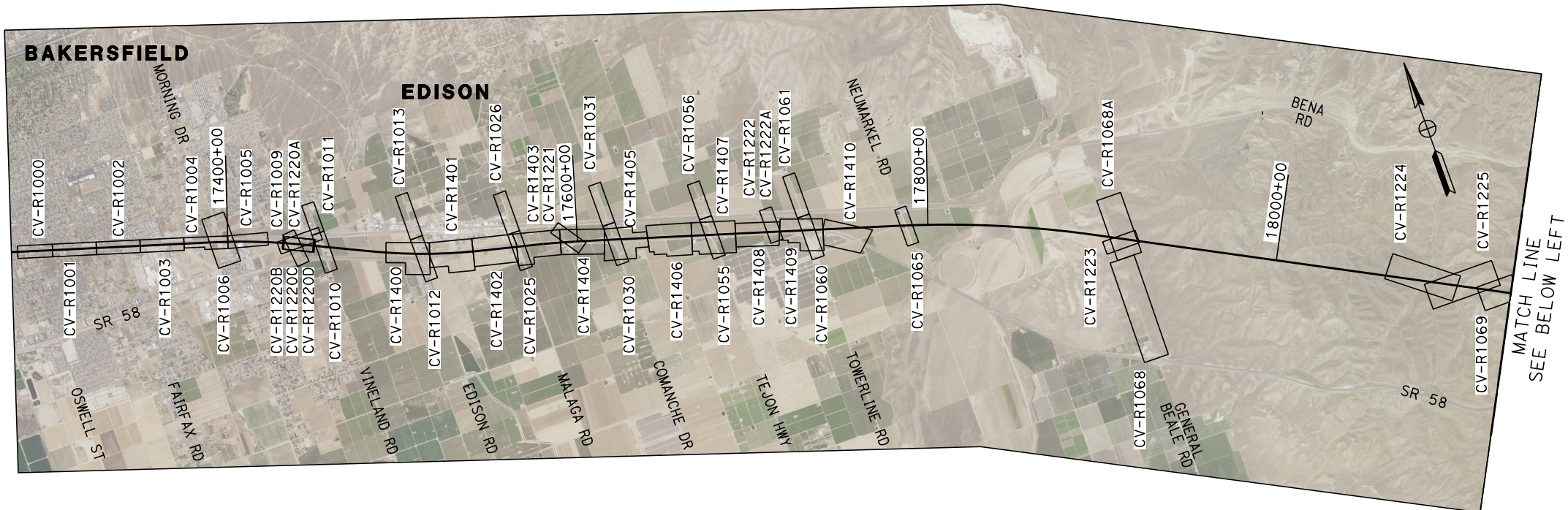
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HSR13-44

DRAWING NO.
CV-C6004

SCALE
AS SHOWN

SHEET NO.

ALTERNATIVE 3



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REV	DATE	BY	CHK	APP	DESCRIPTION

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S. SMITH

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

ALTERNATIVE 3
GENERAL
KEY MAP
SHEET 1 OF 2

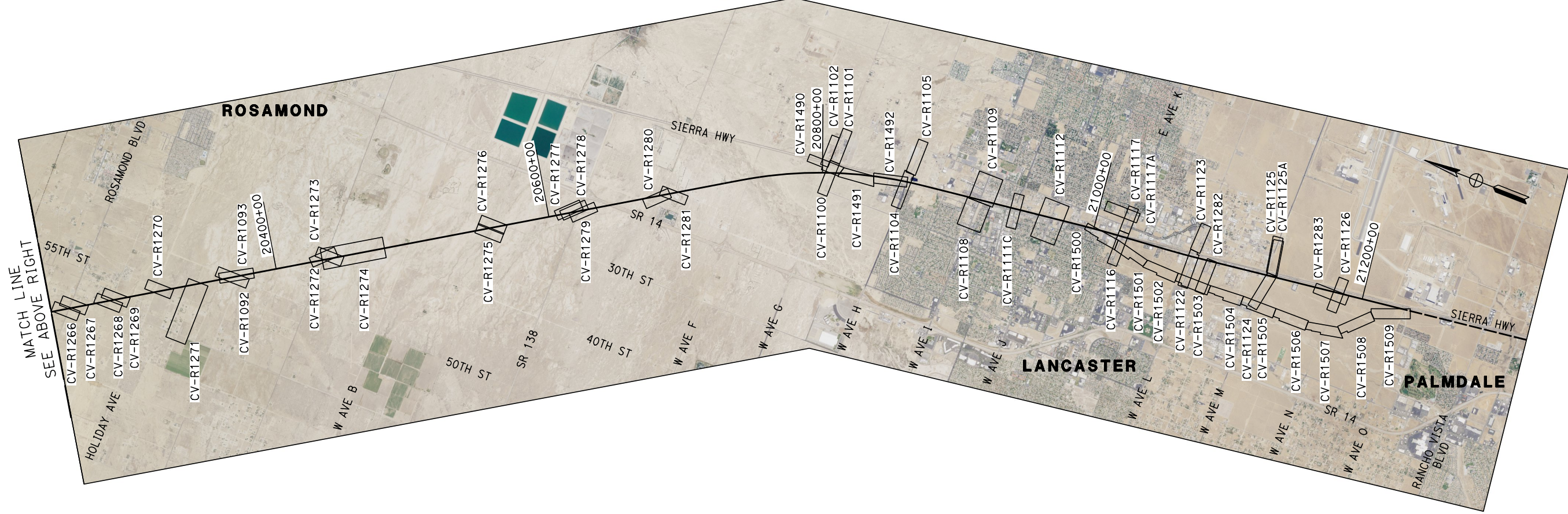
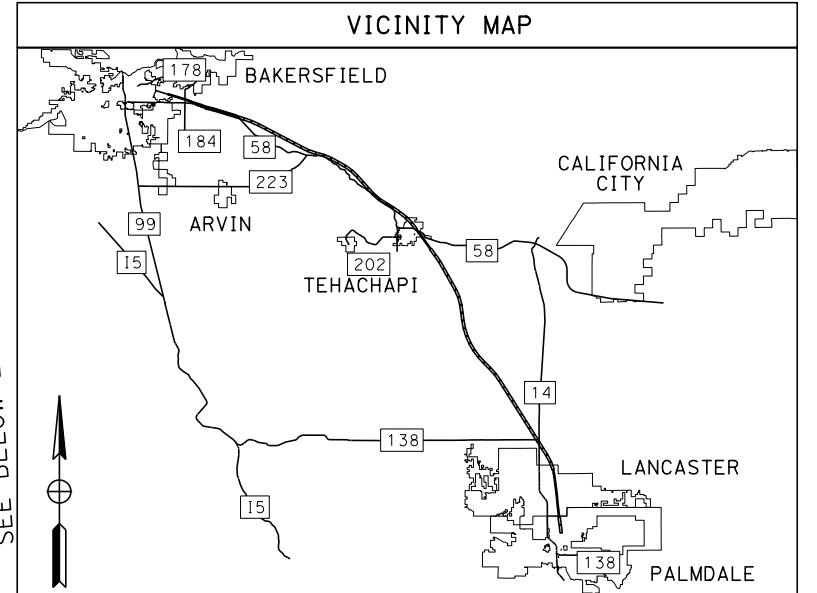
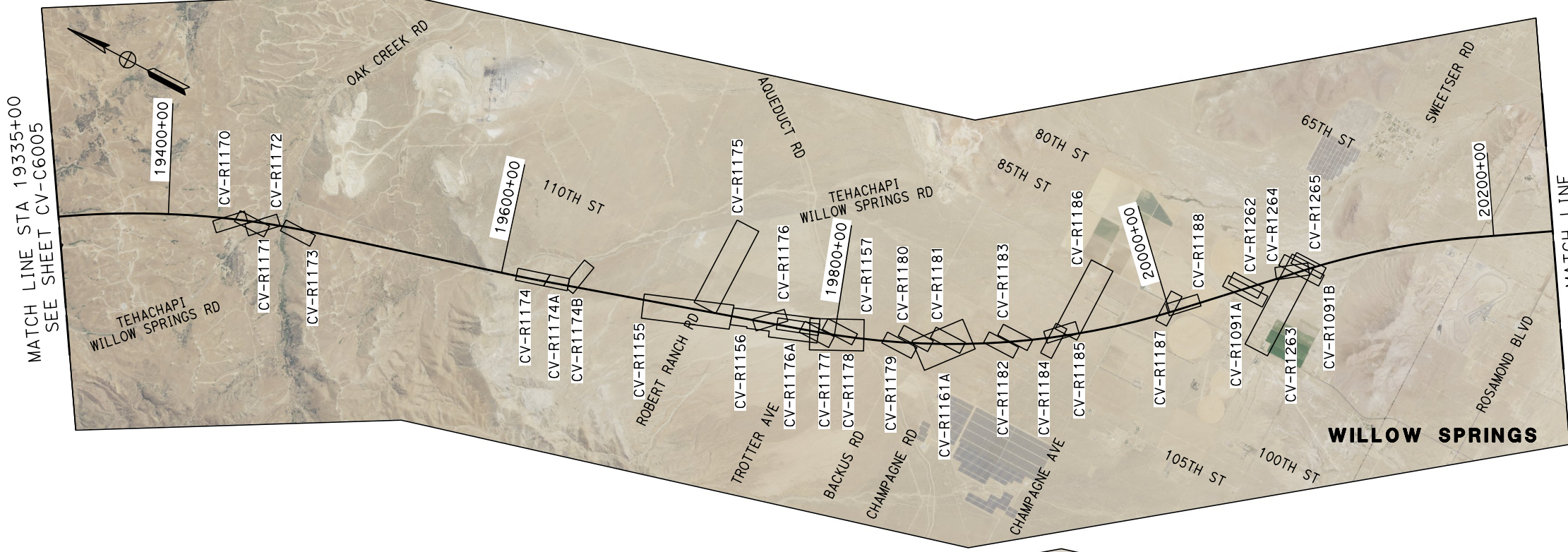
CONTRACT NO.
HSR13-44

DRAWING NO.
CV-C6005

SCALE
AS SHOWN

SHEET NO.

ALTERNATIVE 3



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6006.dgn
 11/23/2017 4:56:50 PM
 OIC:AR1vergo

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. CARSON
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

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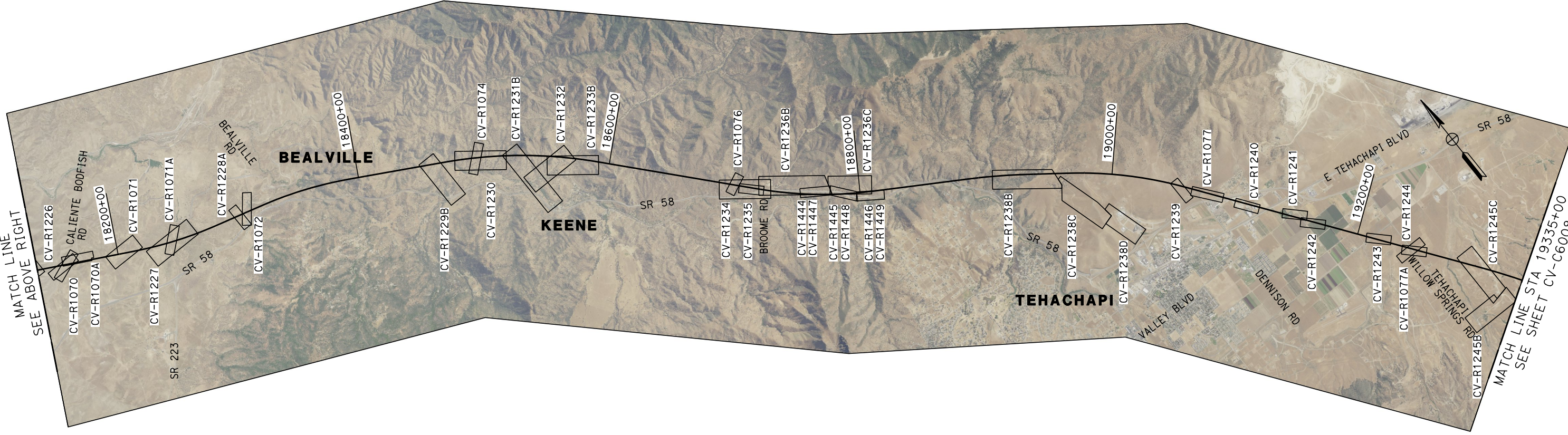
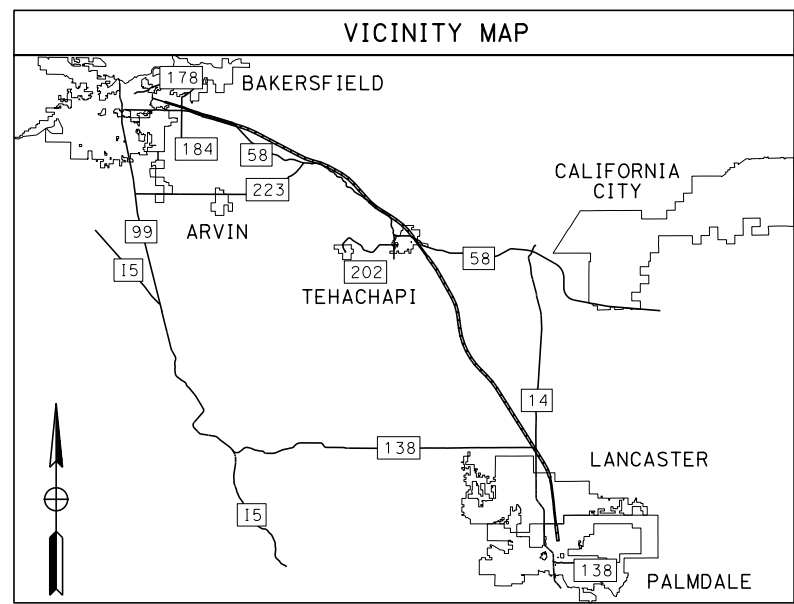
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 3
 GENERAL
 KEY MAP
 SHEET 2 OF 2

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-C6006
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AS SHOWN
 SHEET NO.

ALTERNATIVE 5



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6007.dgn 11/3/2017 4:59:05 PM OIC:ARivera

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

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A. CARSON

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G. CAMPBELL

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S. SMITH

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

ALTERNATIVE 5
GENERAL
KEY MAP
SHEET 1 OF 2

CONTRACT NO.
HSR13-44

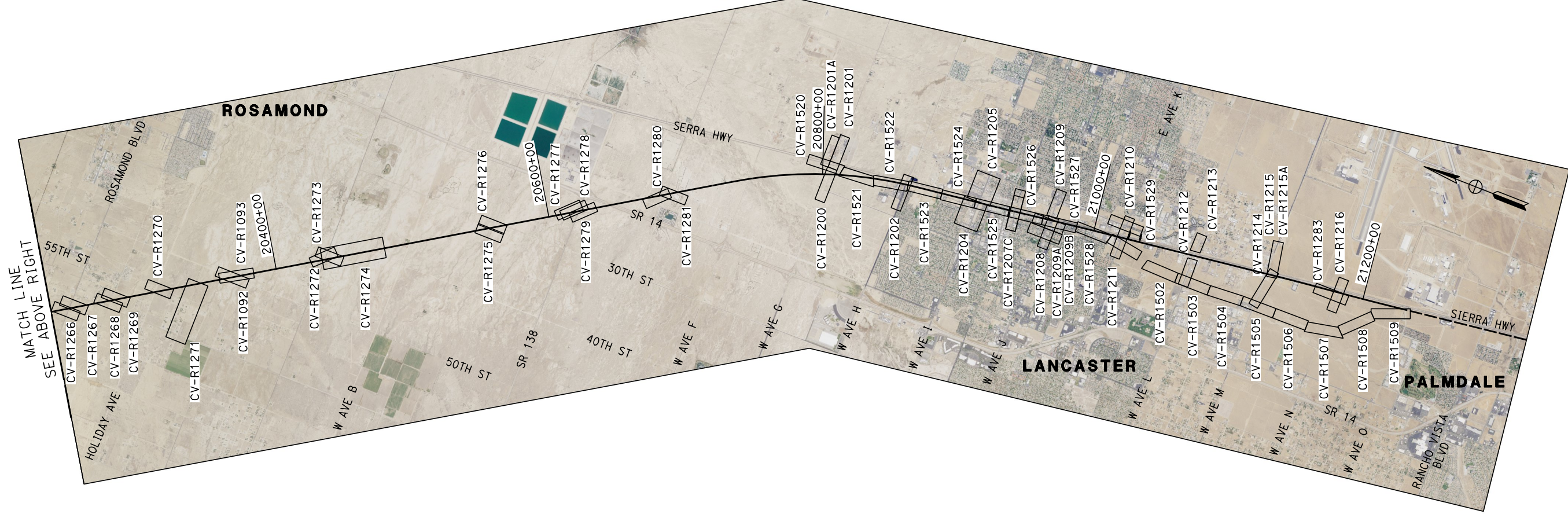
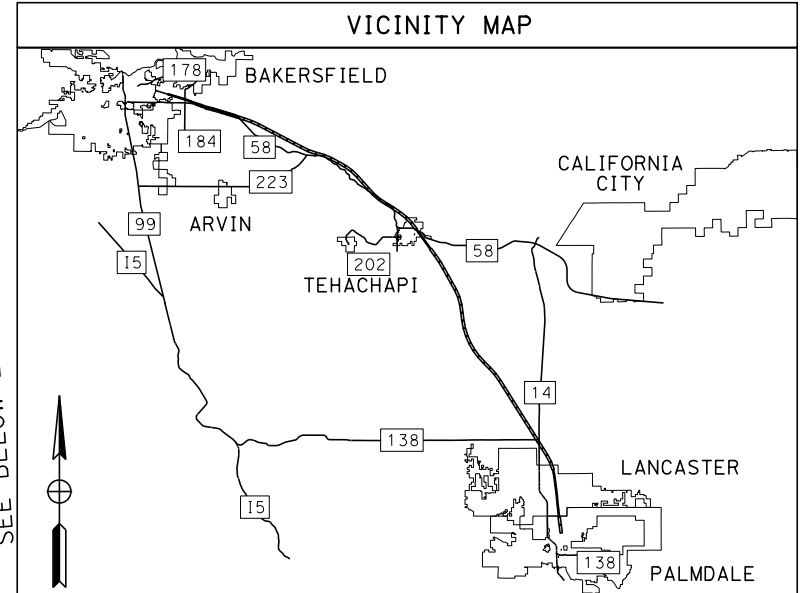
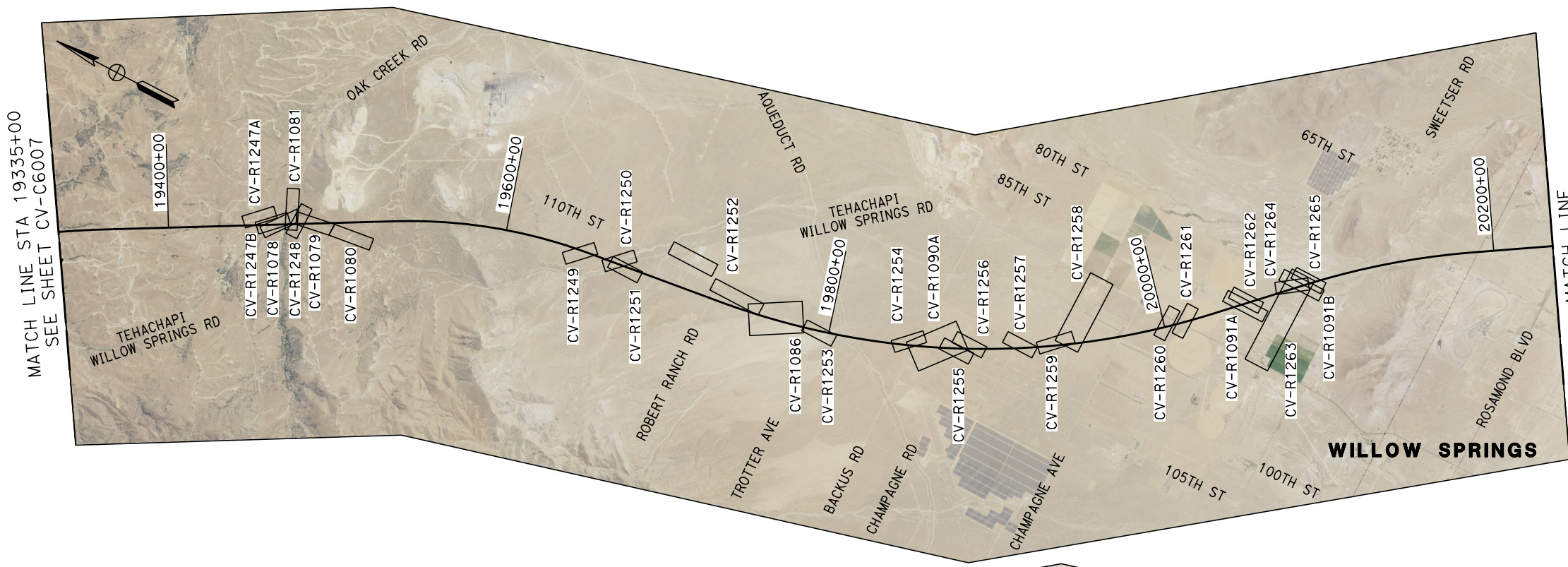
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SCALE
AS SHOWN

SHEET NO.

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ALTERNATIVE 5



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. CARSON
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

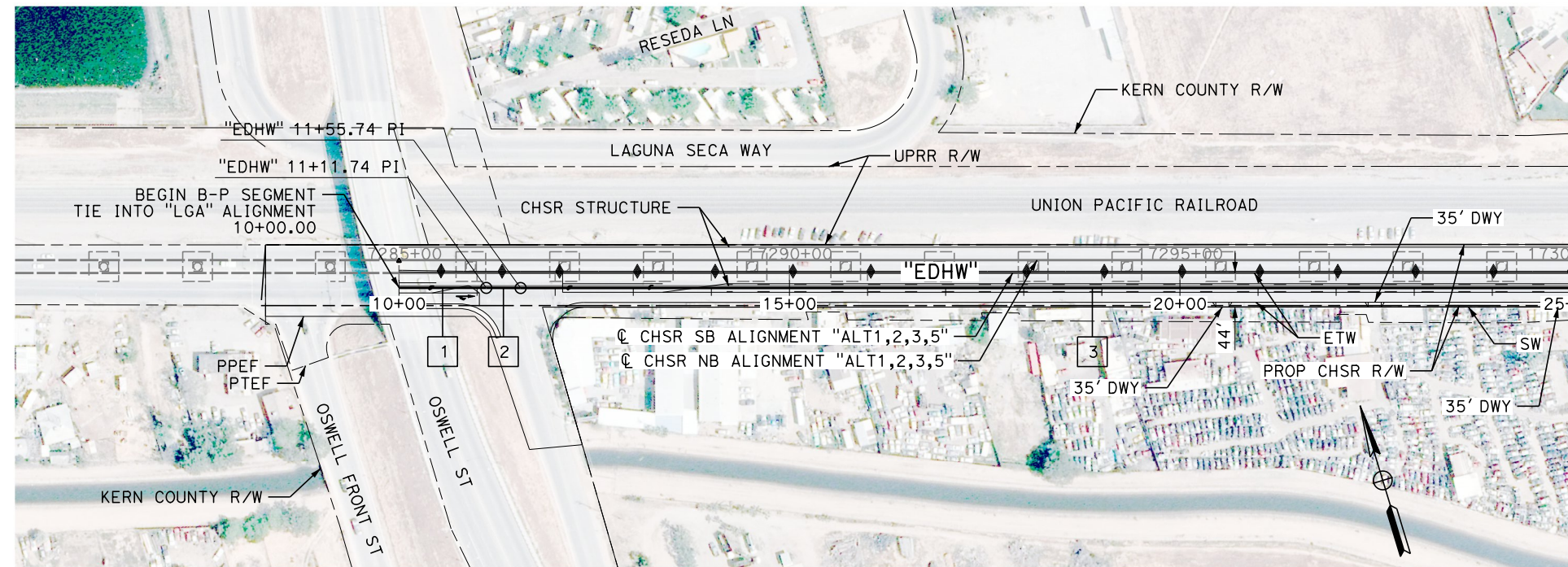


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
KEY MAP
SHEET 2 OF 2

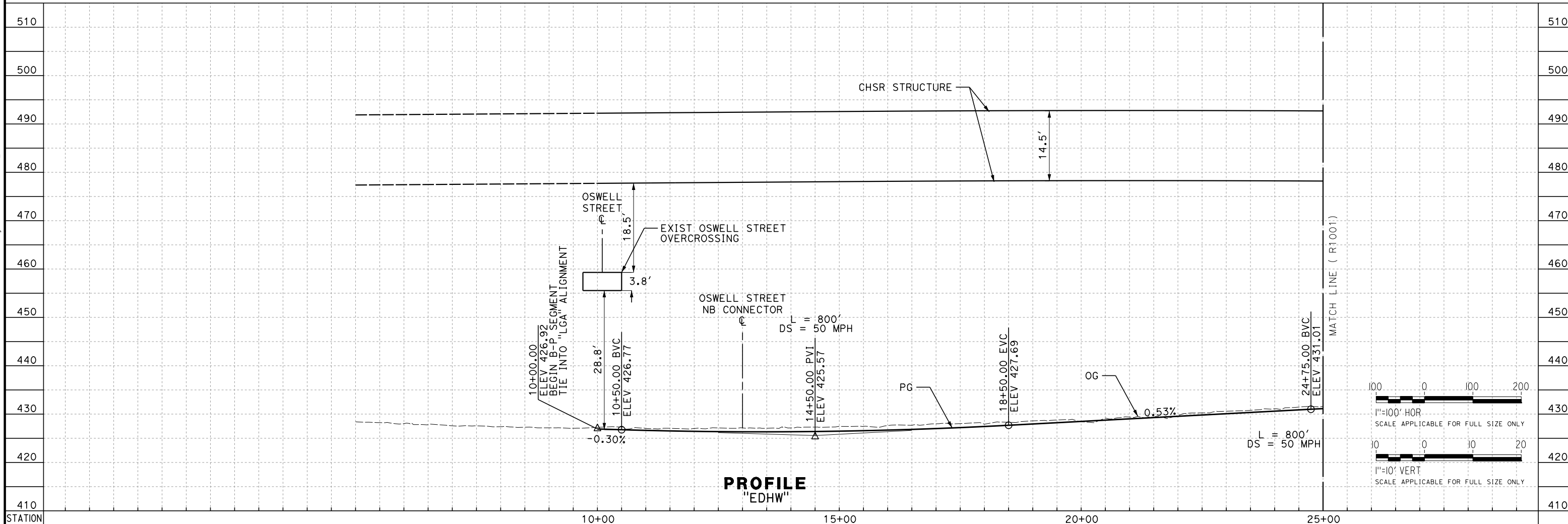
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SCALE
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11/3/2017 4:44:01 PM
OIC:ARivera



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No.	BEARING	DISTANCE
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2	N 72°52'59" W	44.00'
3	N 73°07'38" W	10366.58'

PLAN



PROFILE
"EDHW"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

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CONSTRUCTION**

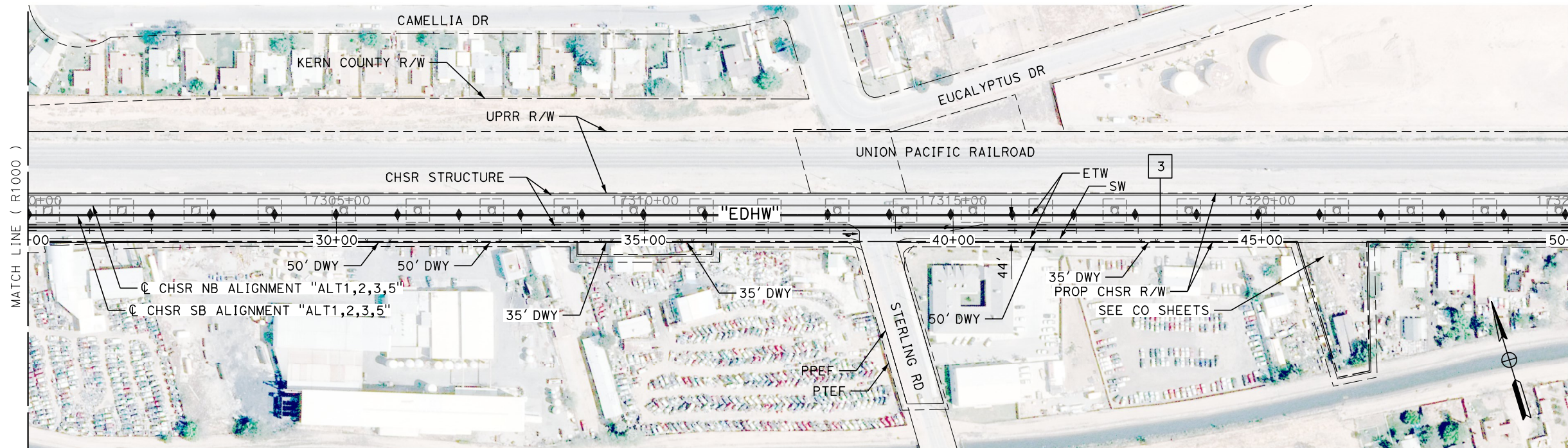


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1000
SCALE
AS SHOWN
SHEET NO.

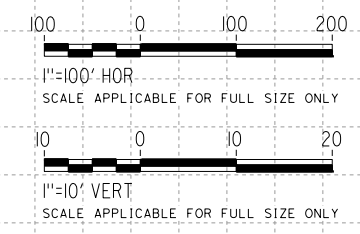
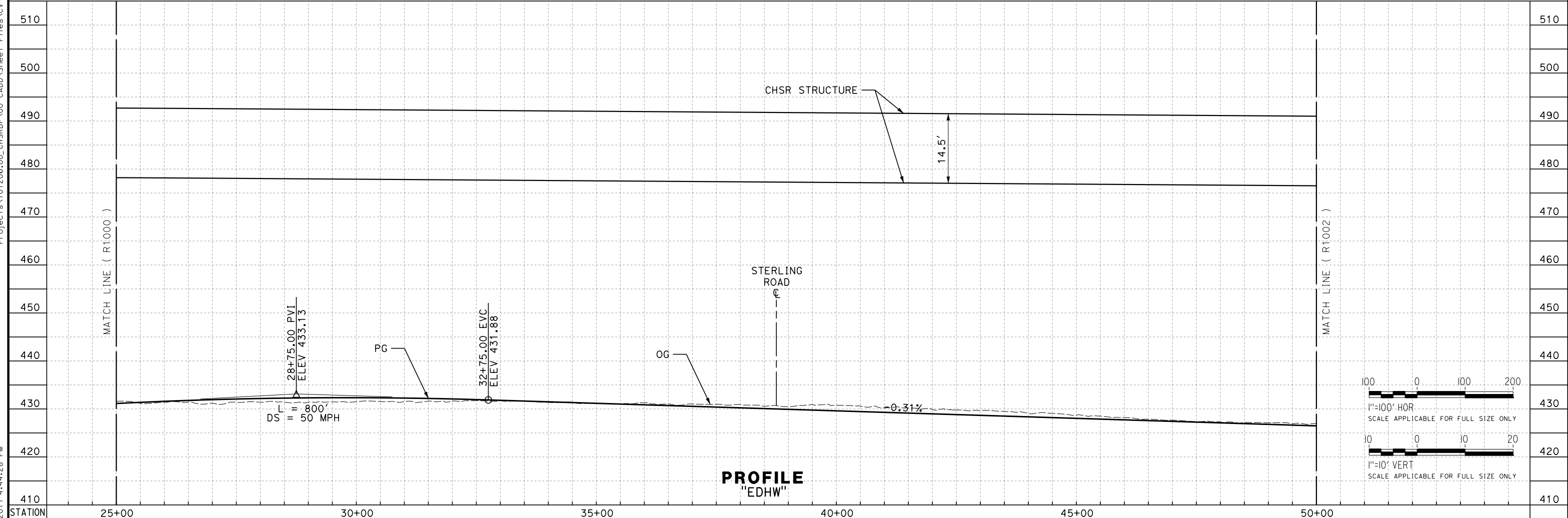
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11/3/2017 4:44:28 PM
OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
3	N 73°07'38" W	10366.58'

PLAN



PROFILE
"EDHW"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

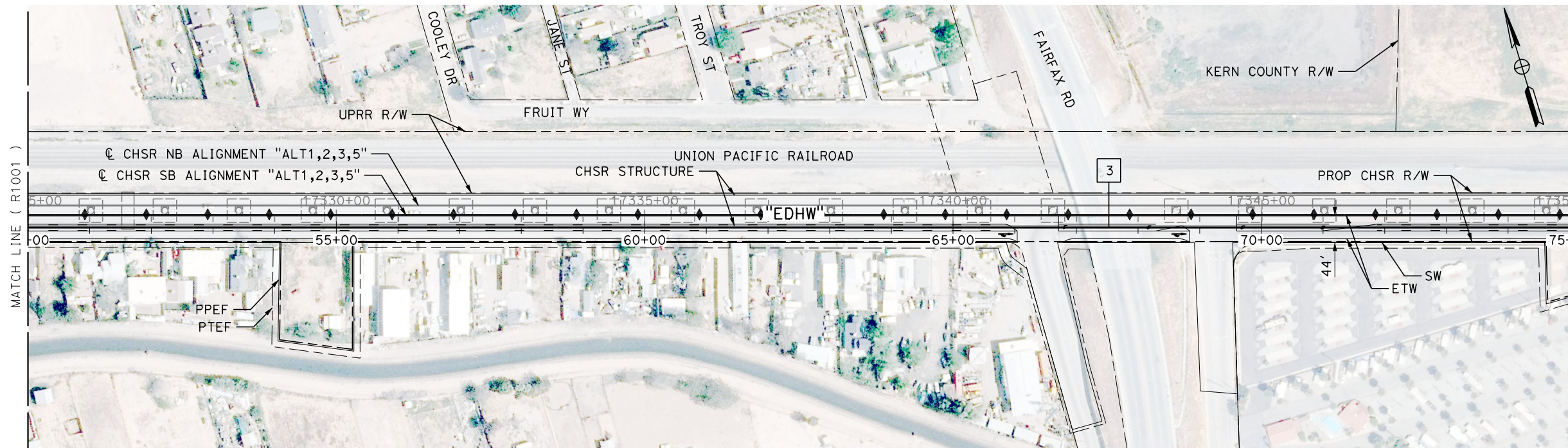
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

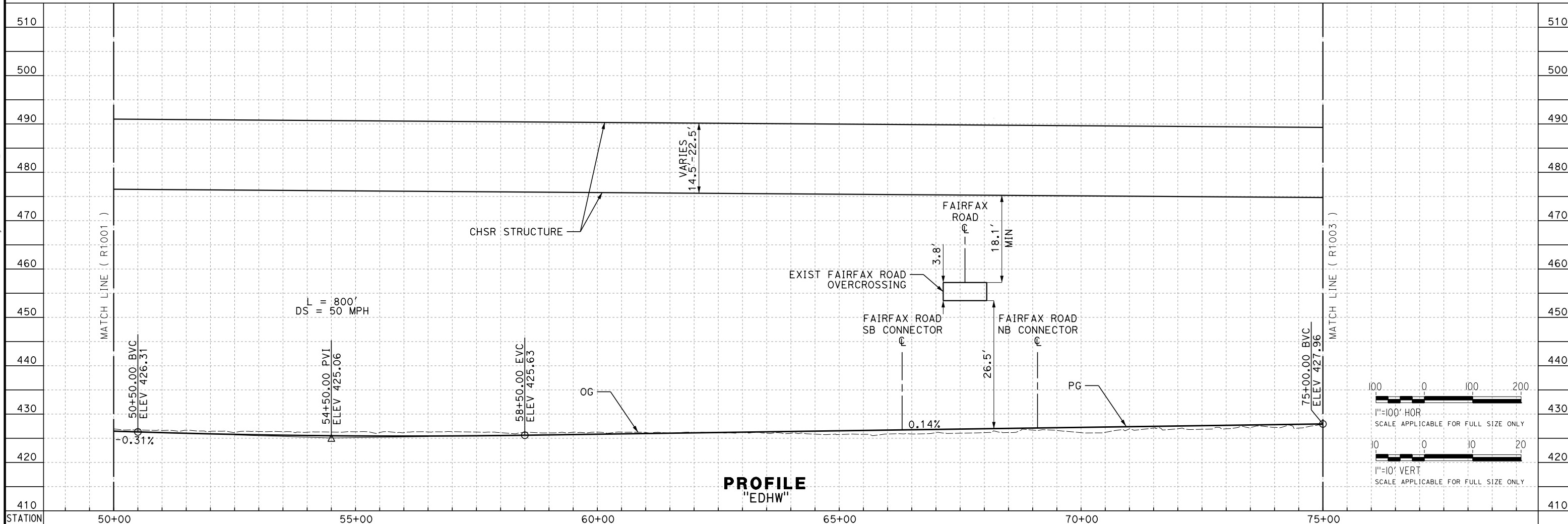
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AS SHOWN
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 11/3/2017 4:44:07 PM
 OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
3	N 73°07'38" W	10366.58'

PLAN



PROFILE
"EDHW"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. RIVERA
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
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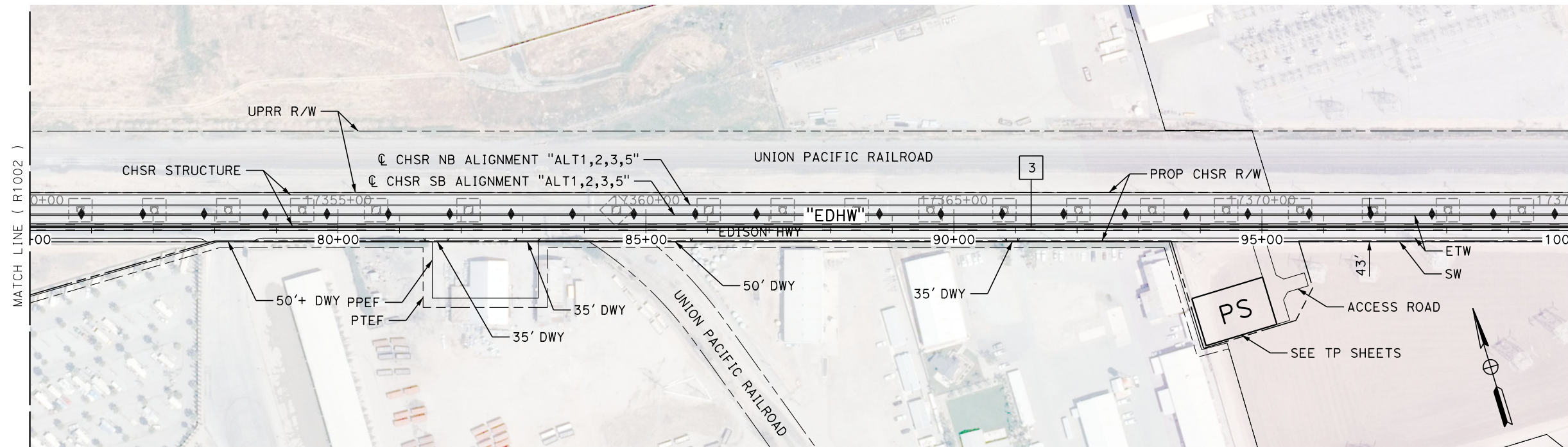
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 ROADWAY
 EDISON HIGHWAY
 PLAN AND PROFILE

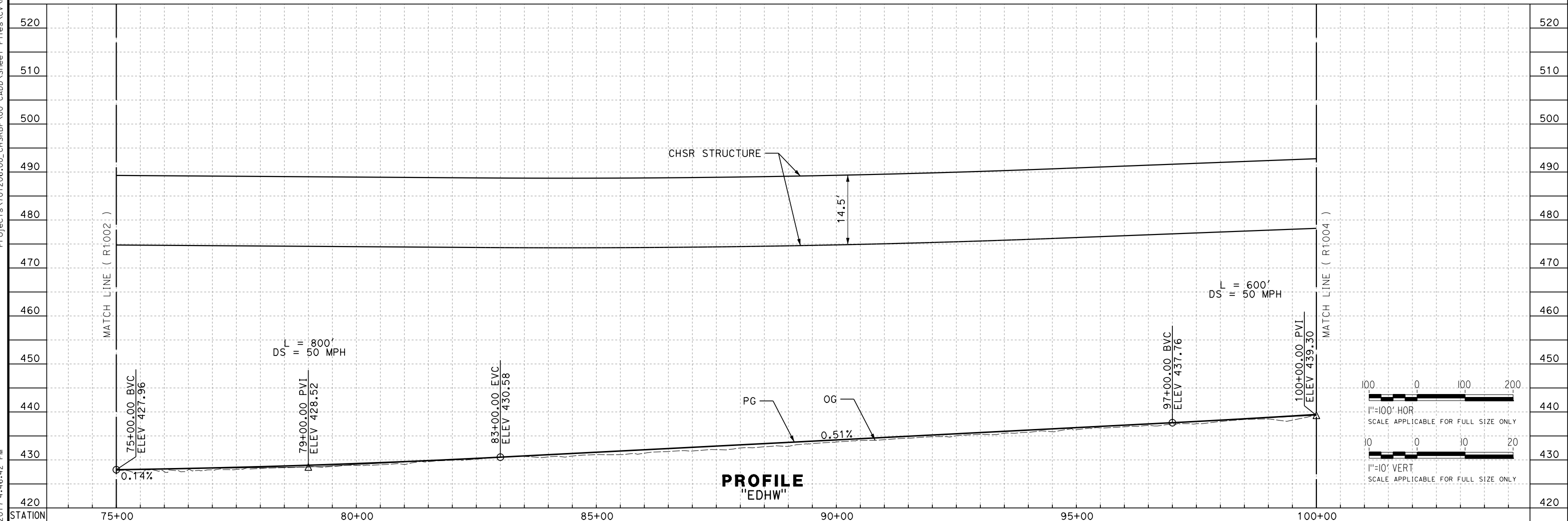
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AS SHOWN
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11/3/2017 4:46:42 PM
OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
3	N 73°07'38" W	10366.58'

PLAN



PROFILE
"EDHW"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

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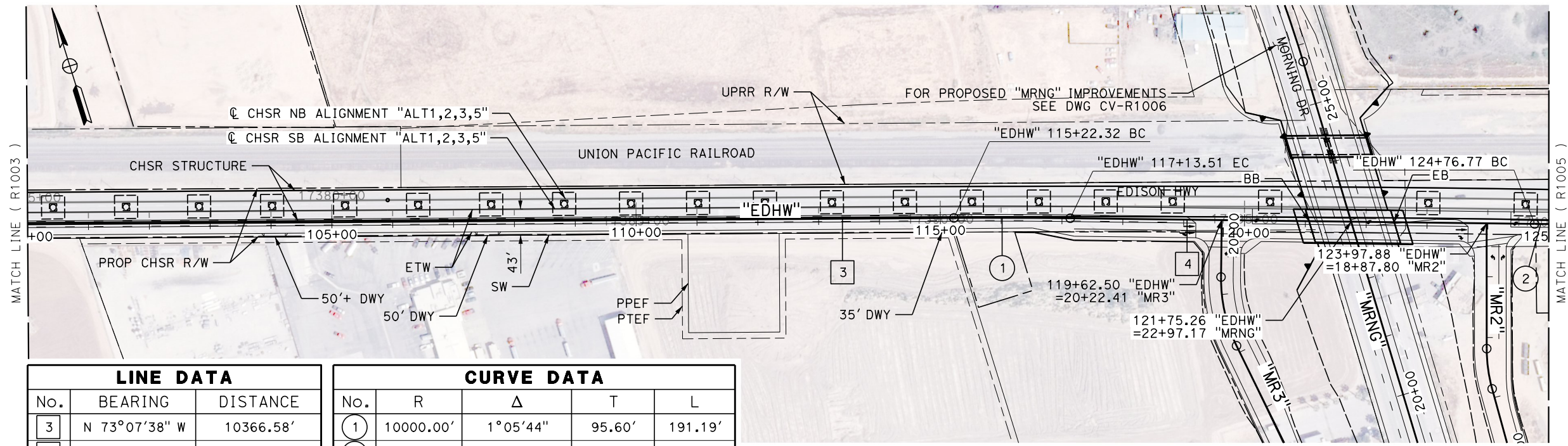


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1003
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1004.dgn

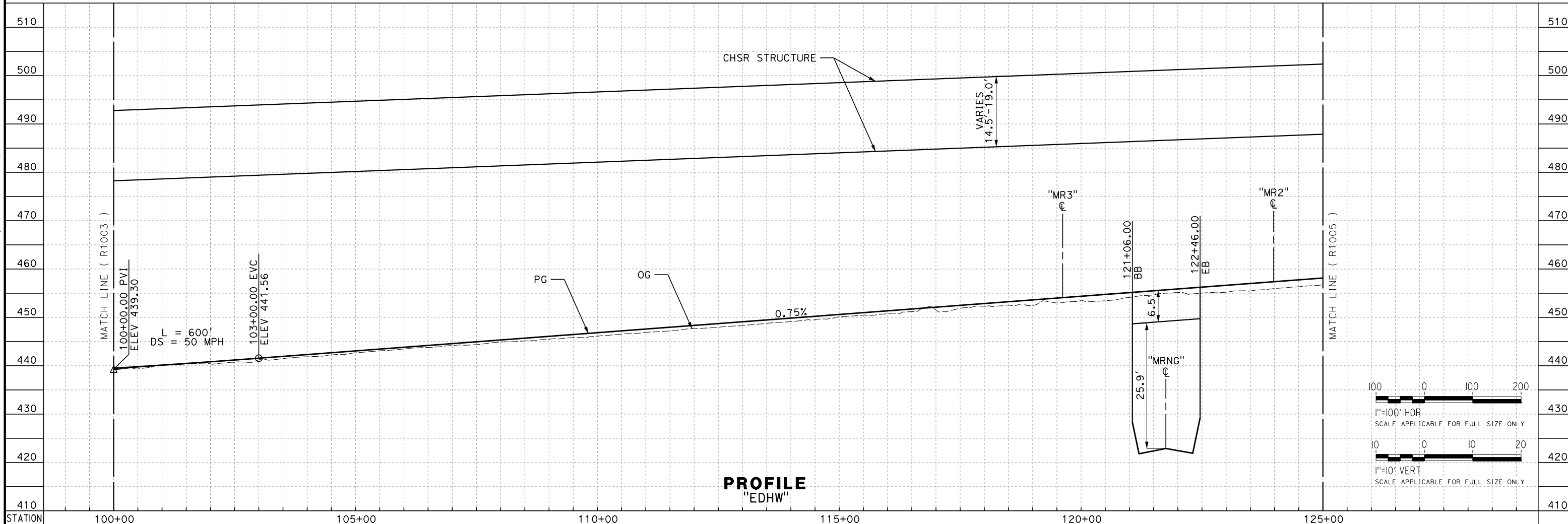
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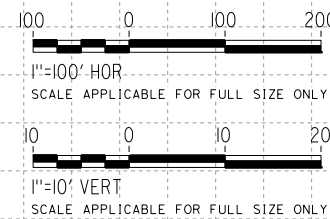
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No.	BEARING	DISTANCE
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4	N 72°01'54" W	763.26'

CURVE DATA				
No.	R	Δ	T	L
1	10000.00'	1°05'44"	95.60'	191.19'
2	2000.00'	3°48'19"	66.44'	132.83'

PLAN



PROFILE
"EDHW"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

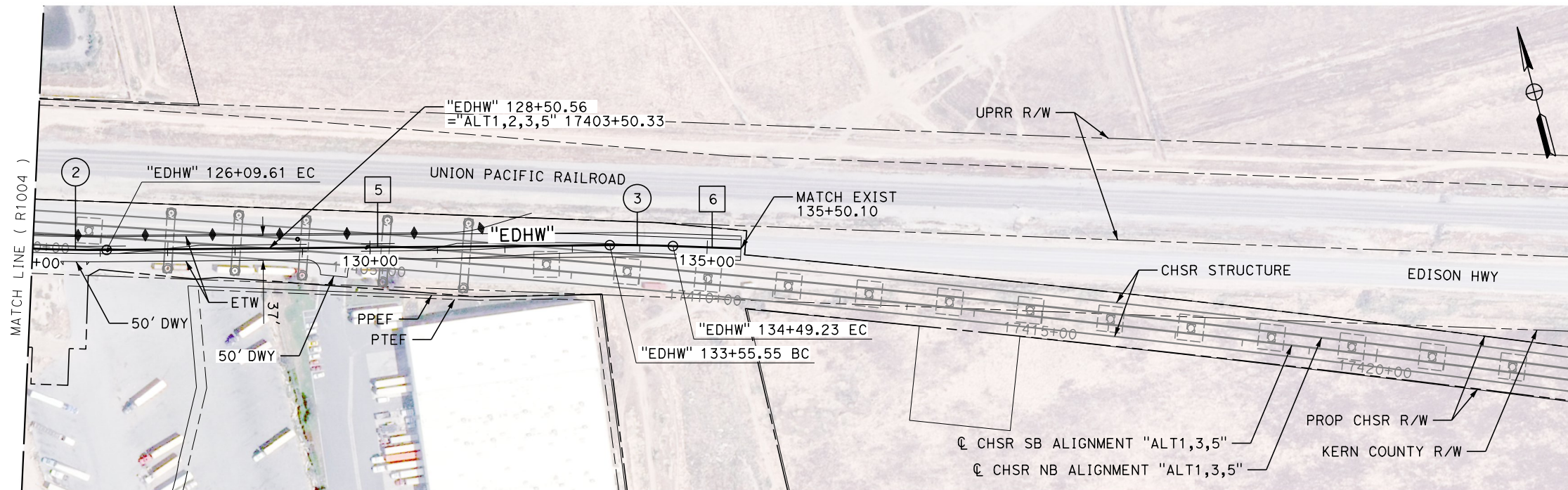
**RECORD
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

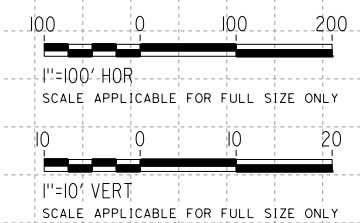
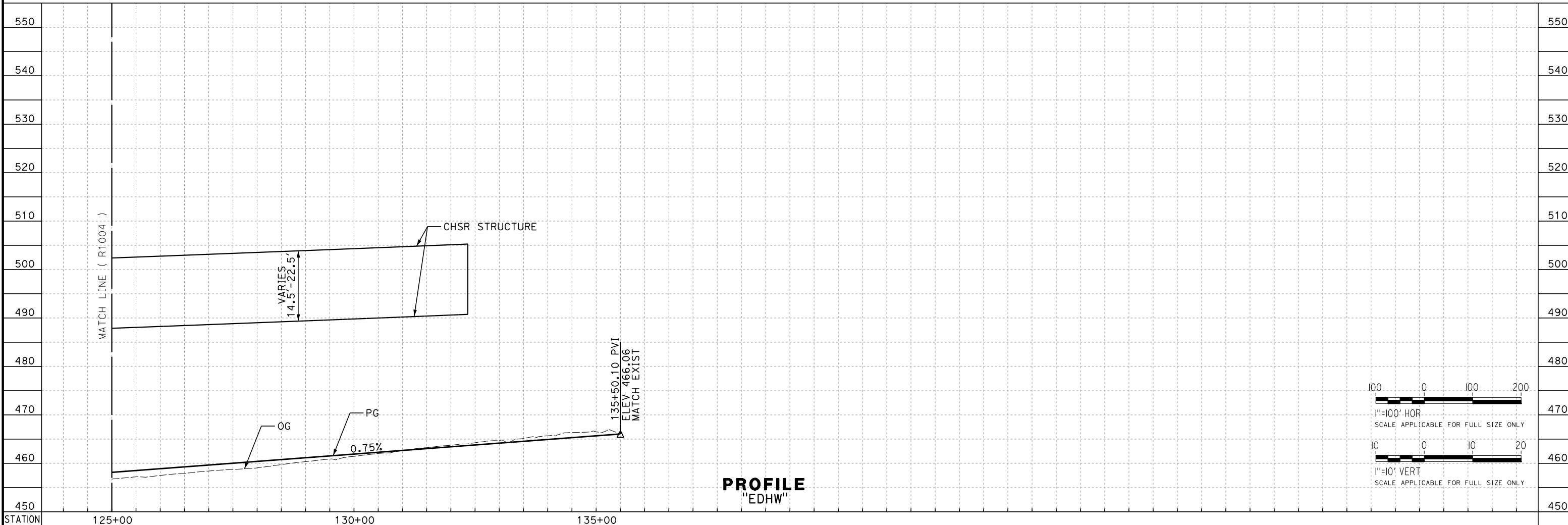
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1004
SCALE
AS SHOWN
SHEET NO.



LINE DATA		
No.	BEARING	DISTANCE
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6	N 73°09'12" W	100.87'

CURVE DATA				
No.	R	Δ	T	L
2	2000.00'	3°48'19"	66.44'	132.83'
3	2000.00'	2°41'02"	46.85'	93.69'

PLAN



PROFILE
"EDHW"

Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1005.dgn 11/3/2017 4:45:21 PM OIC:ARivera

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

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PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL

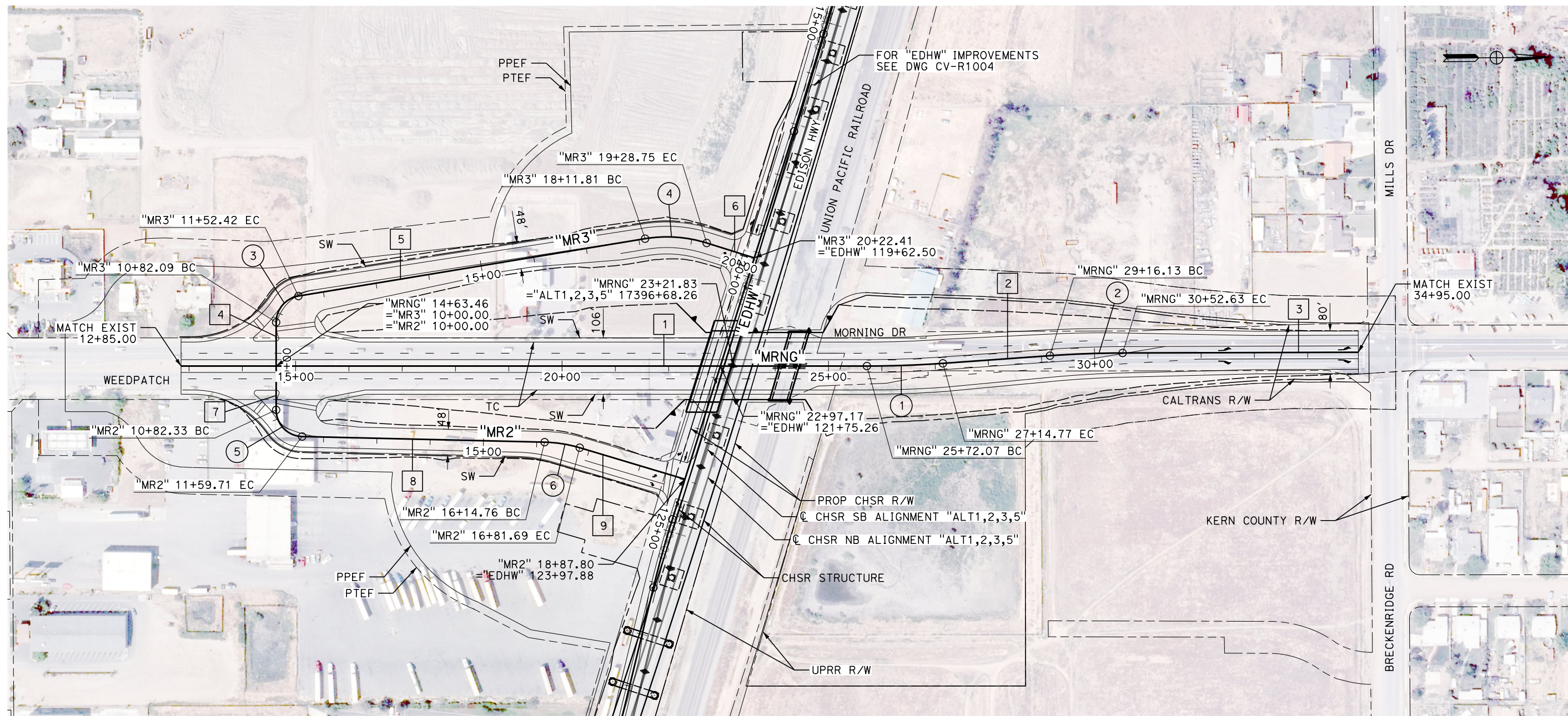


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1005
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1006.dgn

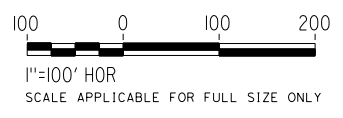
11/23/2017 4:48:49 PM
OIC:ARivera



PLAN

LINE DATA					
No.	BEARING	DISTANCE	No.	BEARING	DISTANCE
1	N 0°33'57" E	1287.07'	7	N 89°26'03" E	82.33'
2	N 3°31'20" W	201.36'	8	N 1°53'44" E	455.05'
3	N 0°23'17" E	442.37'	9	N 17°14'08" E	206.11'
4	N 89°26'03" W	82.09'			
5	N 8°50'03" W	659.38'			
6	N 17°58'06" E	93.66'			

CURVE DATA									
No.	R	Δ	T	L	No.	R	Δ	T	L
1	2000.00'	4°05'18"	71.38'	142.71'	5	50.00'	88°40'13"	48.85'	77.38'
2	2000.00'	3°54'37"	68.28'	136.50'	6	250.00'	15°20'24"	33.67'	66.93'
3	50.00'	80°35'59"	42.40'	70.34'					
4	250.00'	26°48'09"	59.56'	116.95'					



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

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CONSTRUCTION**



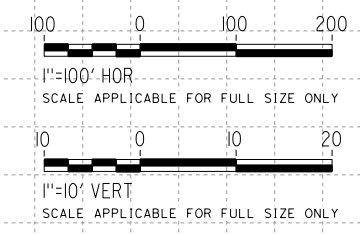
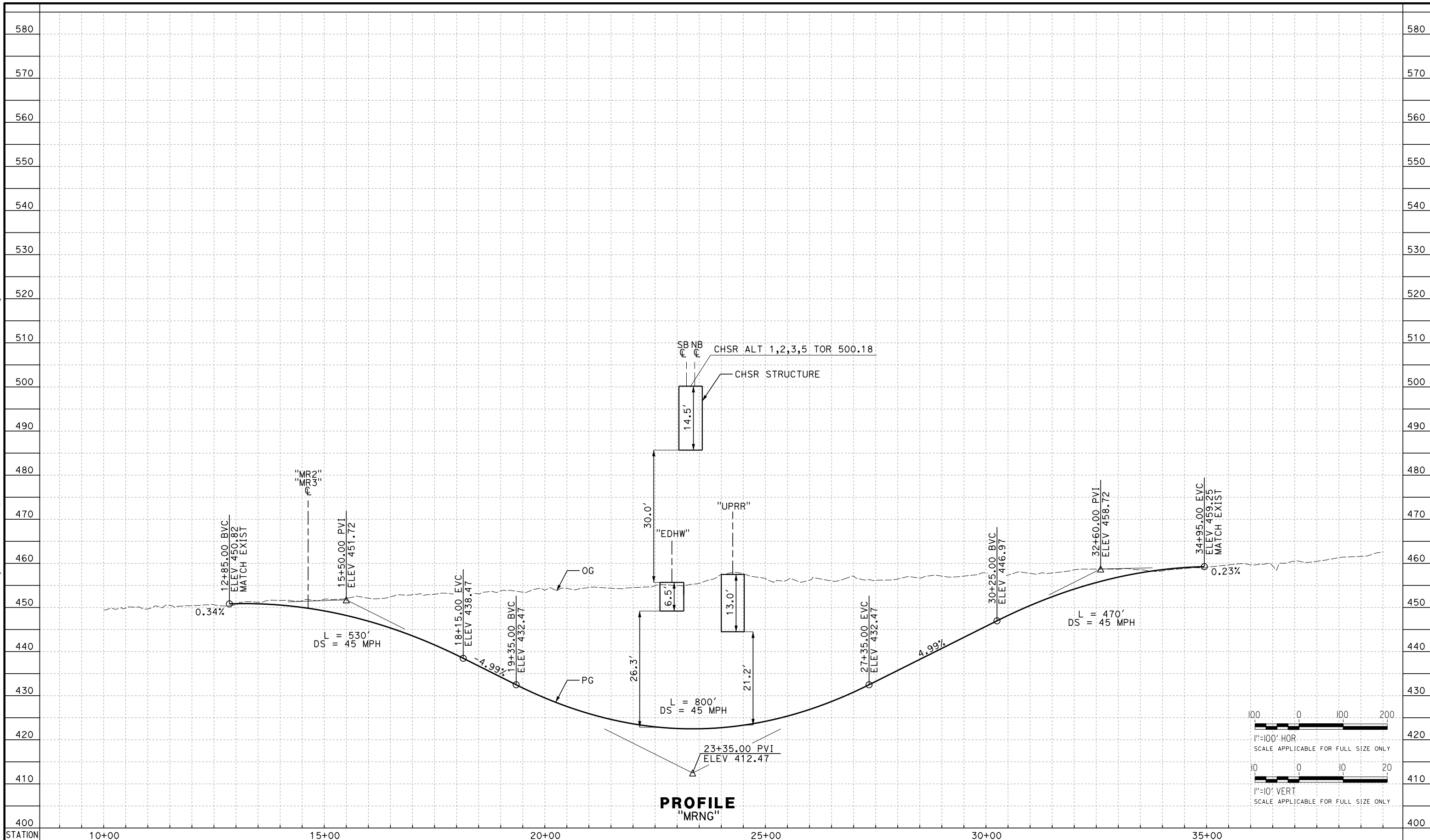
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
ROADWAY
MORNING DRIVE
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1006
SCALE
AS SHOWN
SHEET NO.

Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1007.dgn

11/3/2017 4:47:42 PM
OIC:ARivera



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN

DRAWN BY
A. RIVERA

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
ROADWAY
MORNING DRIVE
PROFILE

CONTRACT NO.
HSR13-44

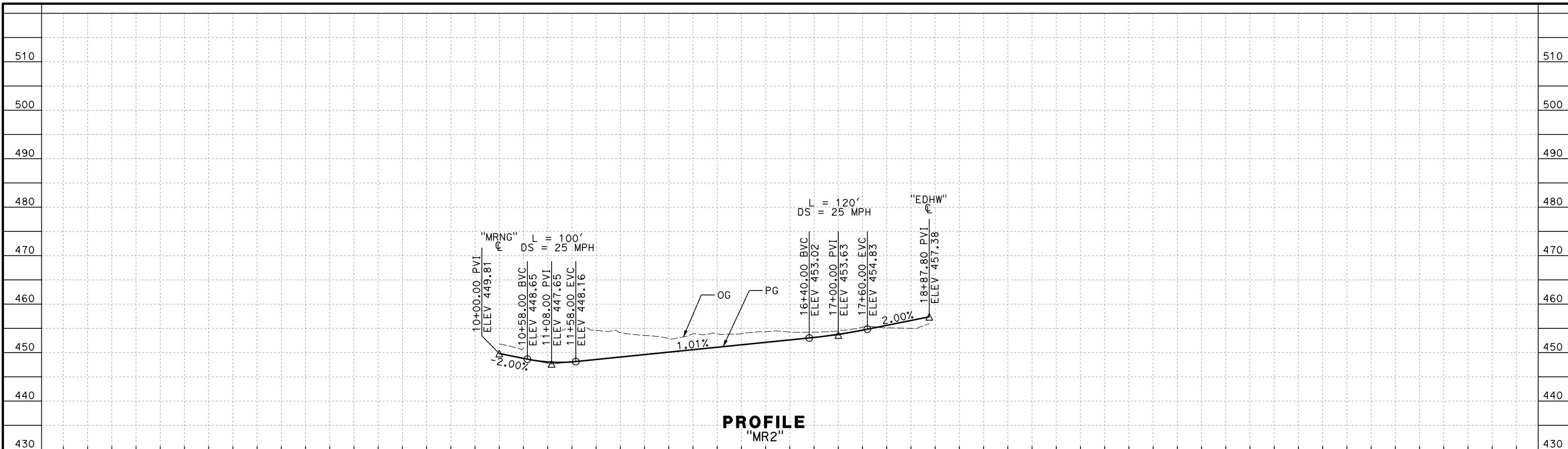
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CV-R1007

SCALE
AS SHOWN

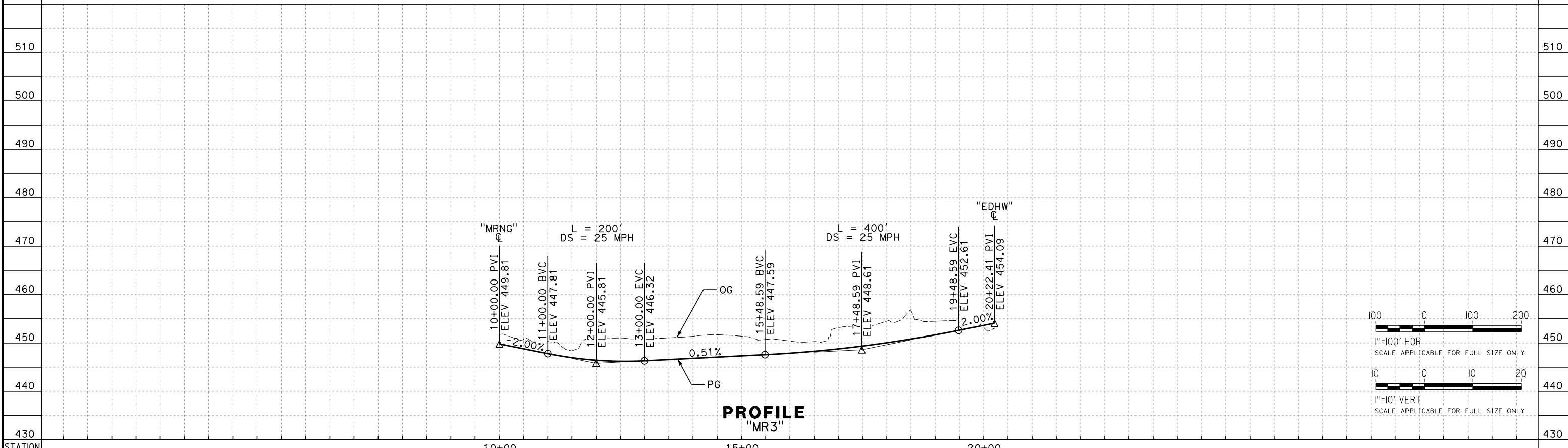
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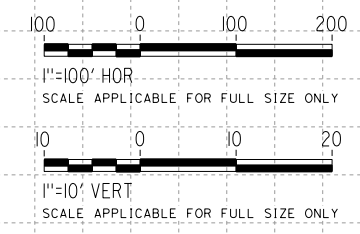
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PROFILE
"MR2"



PROFILE
"MR3"

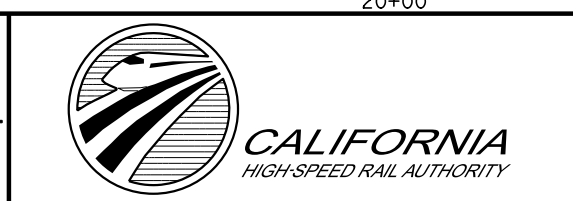


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

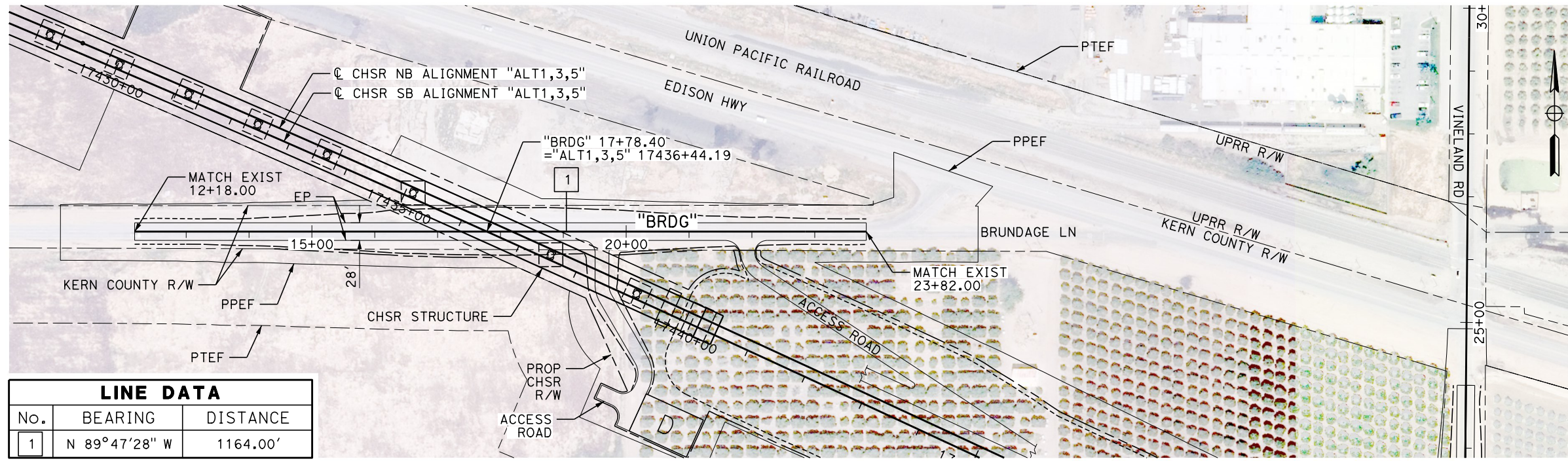
**NOT FOR
CONSTRUCTION**



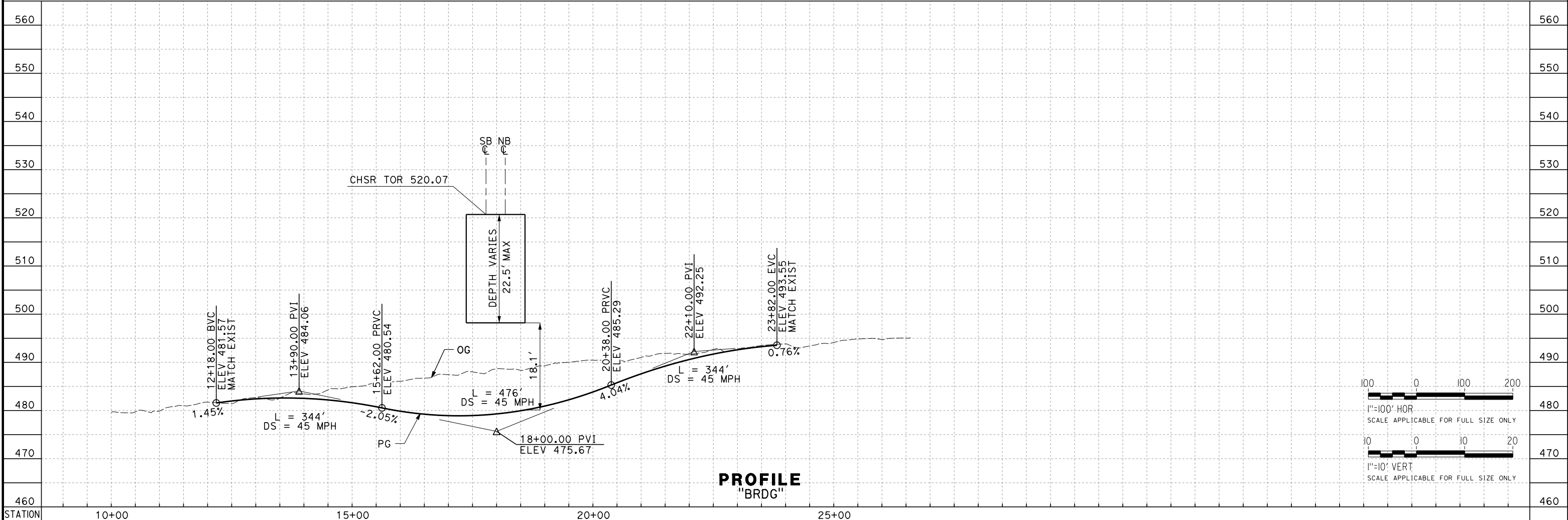
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
MORNING DRIVE/ EDISON HIGHWAY RAMPS
PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1008
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1009.dgn
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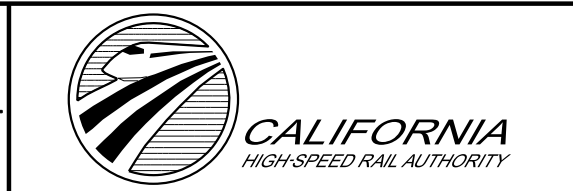


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. RIVERA
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

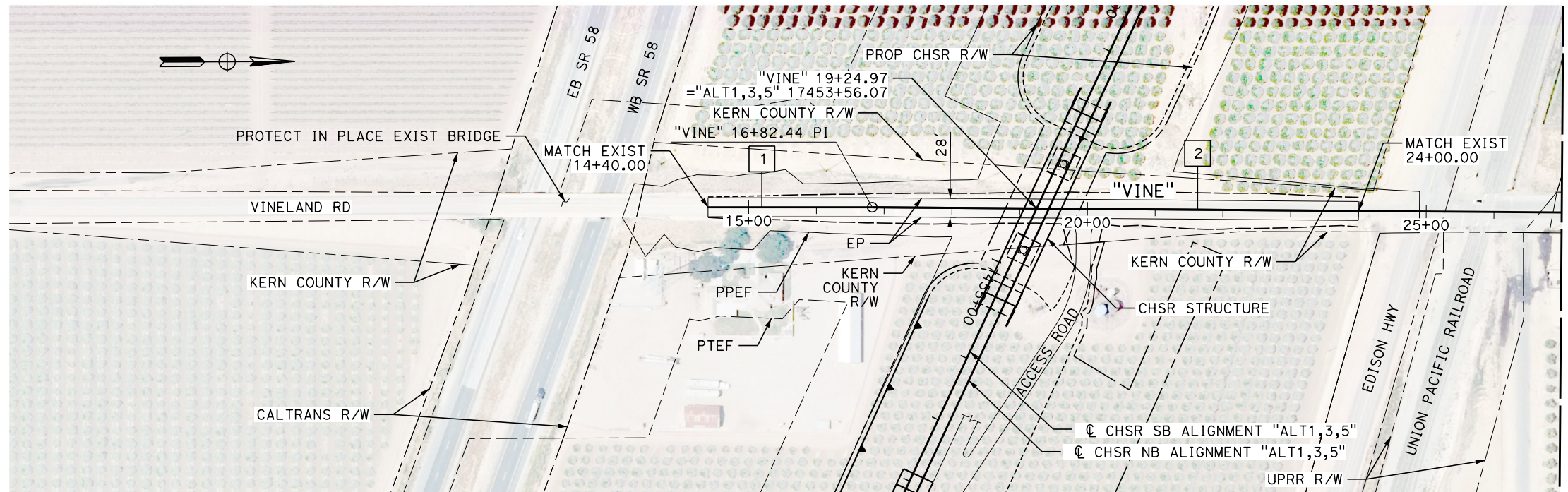
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 BRUNDAGE LANE
 PLAN AND PROFILE

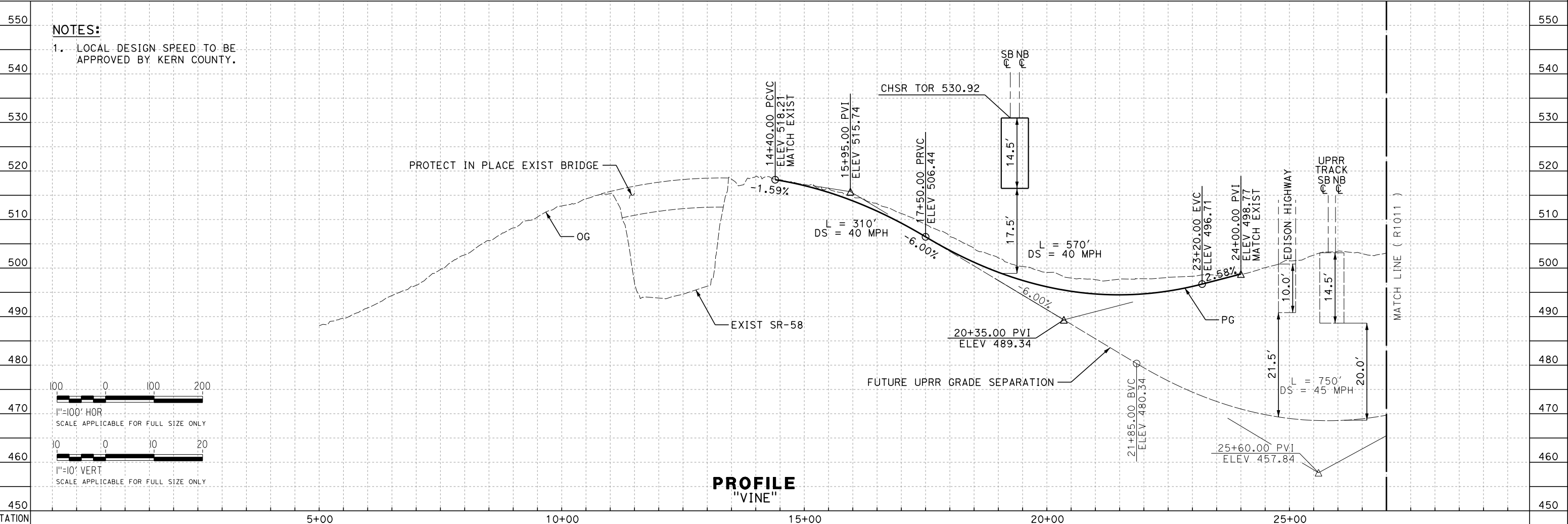
CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1009
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1010.dgn 11/3/2017 4:50:50 PM OIC:ARIVEGA

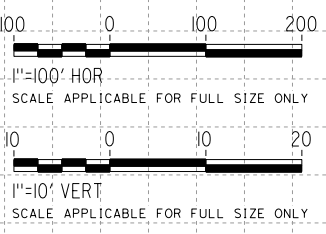


PLAN

LINE DATA		
No.	BEARING	DISTANCE
1	N 0°17'59" E	242.44'
2	N 0°44'04" E	2317.56'



PROFILE
"VINE"



NOTES:
1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

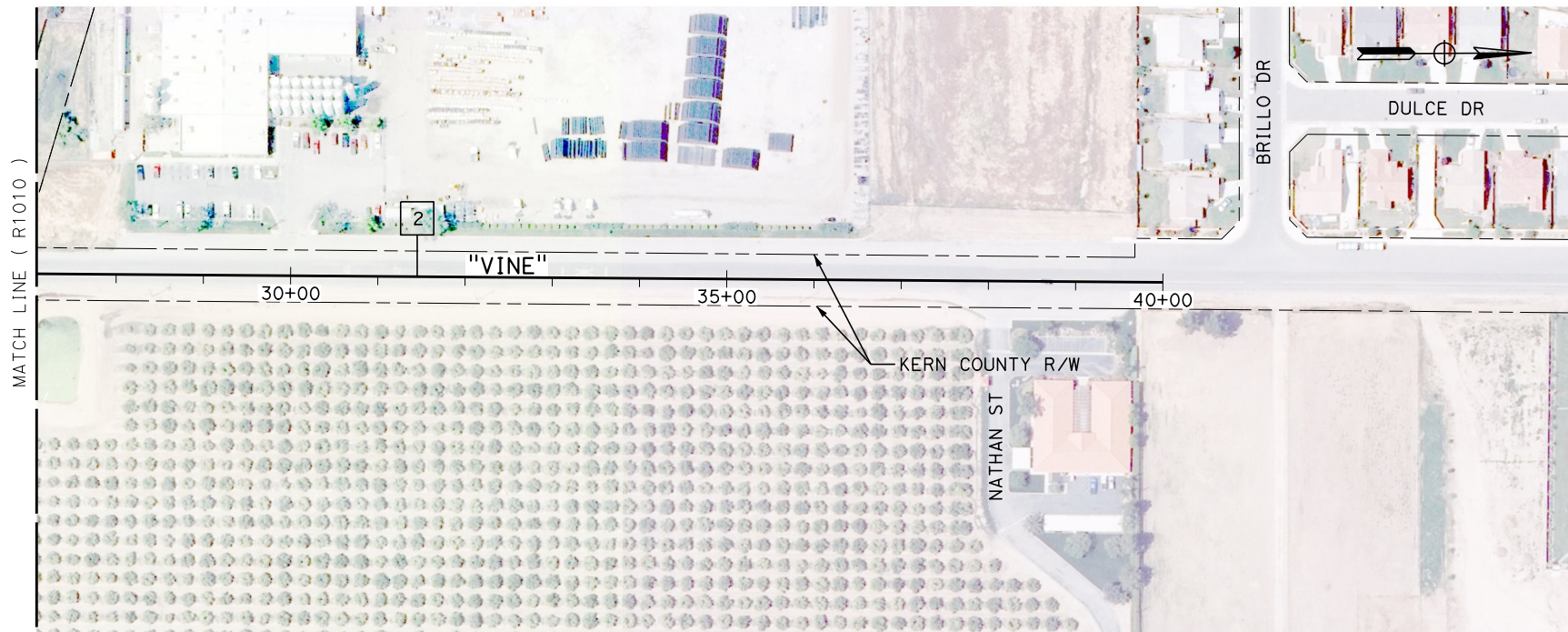


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
ROADWAY
VINELAND ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1010
SCALE
AS SHOWN
SHEET NO.

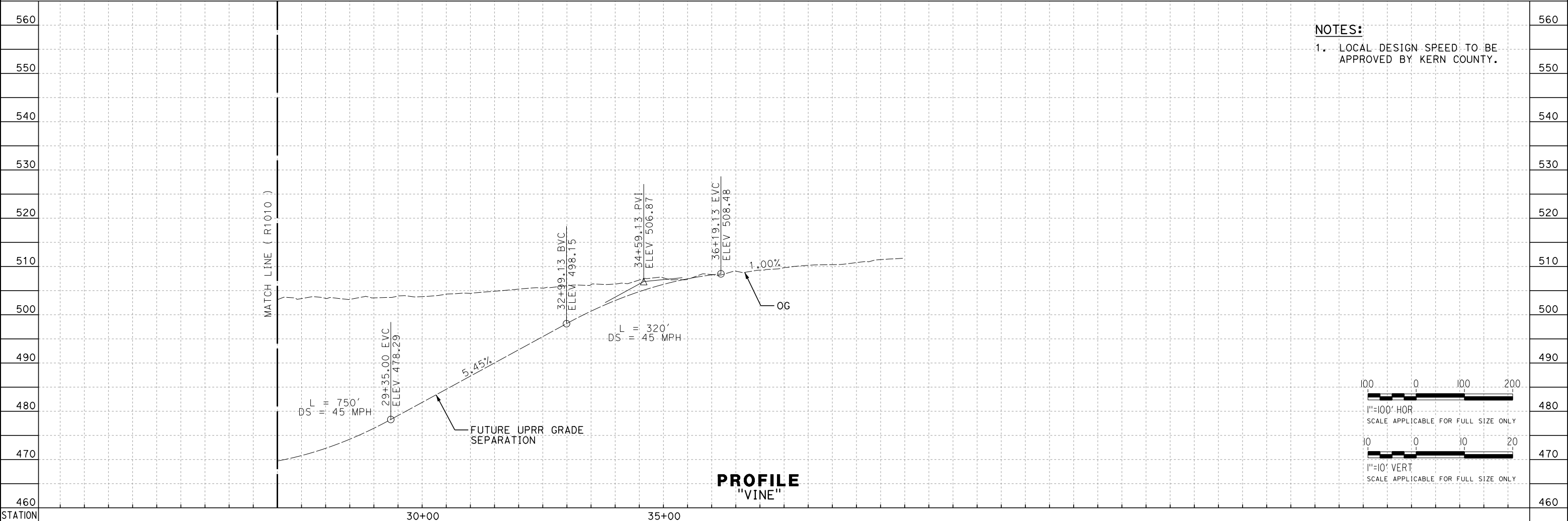
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OIC:ARivera 11/23/2017 4:58:05 PM



PLAN

LINE DATA		
No.	BEARING	DISTANCE
2	N 0°44'04" E	2317.56'



PROFILE
"VINE"

NOTES:
1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



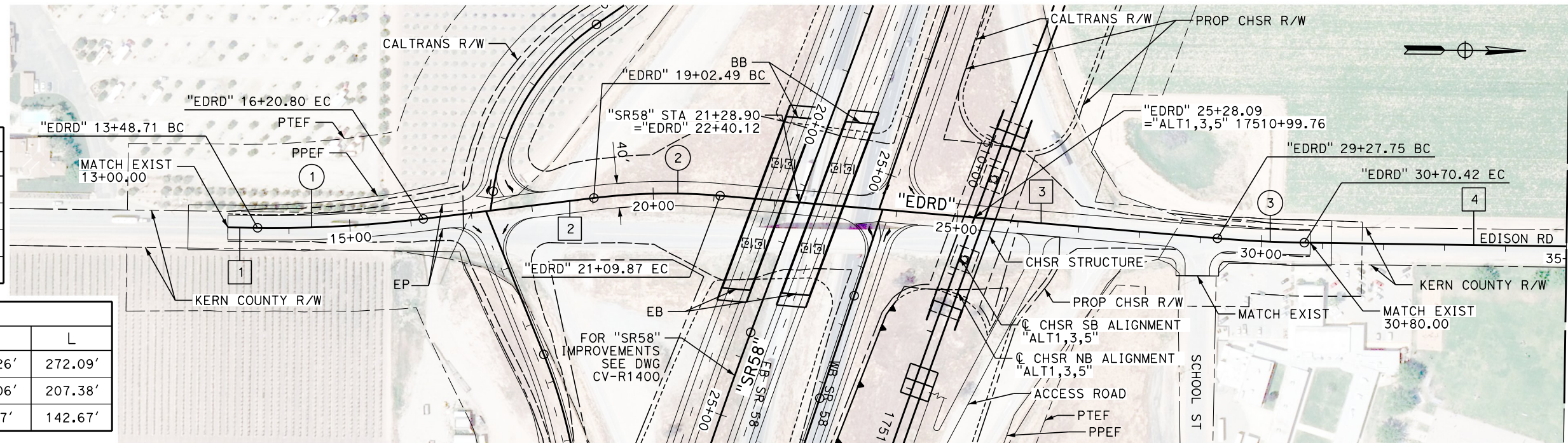
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
ROADWAY
VINELAND ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1011
SCALE
AS SHOWN
SHEET NO.

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1012.dgn 11/3/2017 4:50:42 PM OIC:Arivera

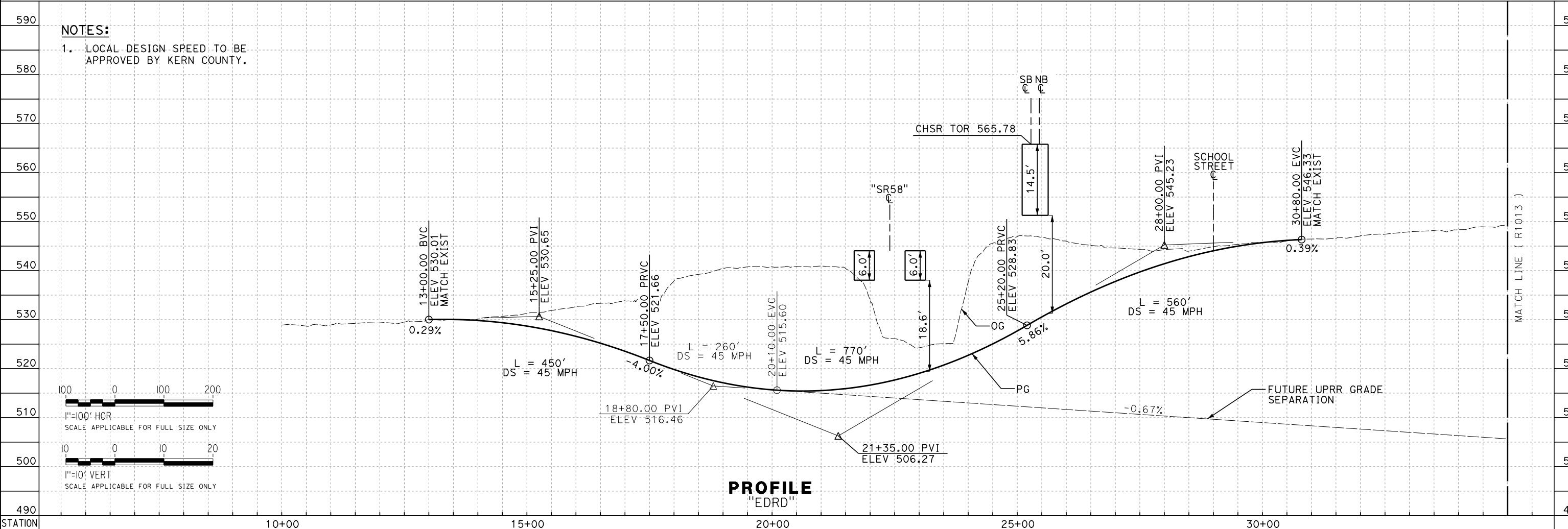
LINE DATA		
No.	BEARING	DISTANCE
1	N 0°22'12" E	48.71'
2	N 7°25'30" W	281.69'
3	N 4°27'25" E	817.88'
4	N 0°22'12" E	2429.59'

CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	7°47'41"	136.26'	272.09'
2	1000.00'	11°52'55"	104.06'	207.38'
3	2000.00'	4°05'14"	71.37'	142.67'



PLAN

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

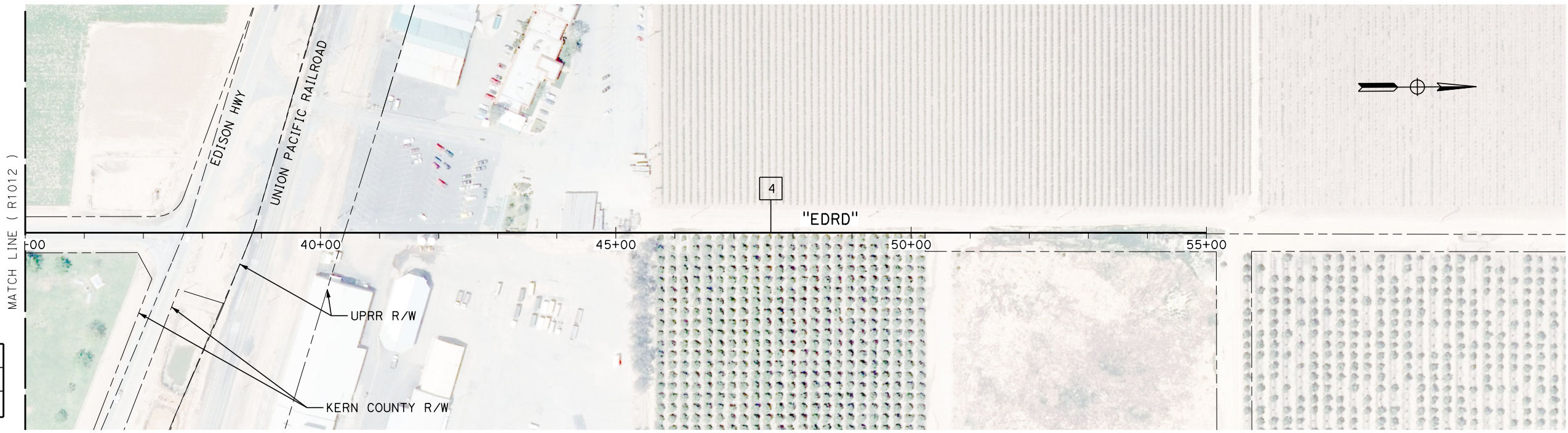
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 EDISON ROAD
 PLAN AND PROFILE

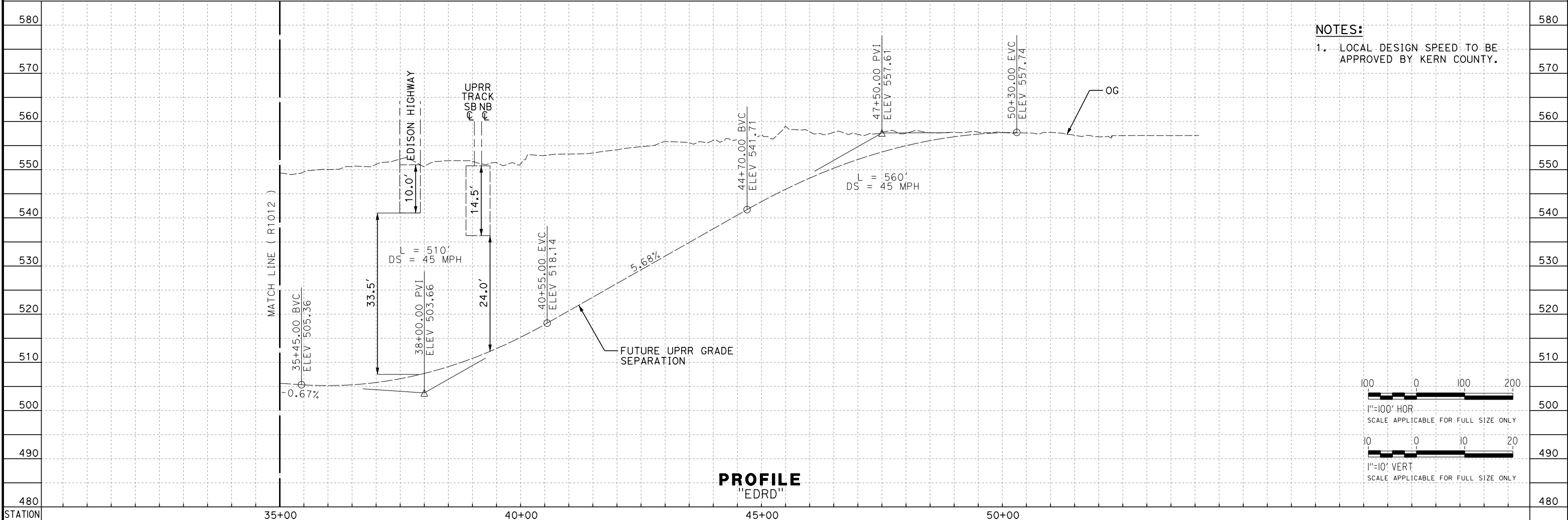
CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1012
 SCALE
AS SHOWN
 SHEET NO.

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PLAN

LINE DATA		
No.	BEARING	DISTANCE
4	N 0°22'12" E	2429.59'



NOTES:
1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.

PROFILE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



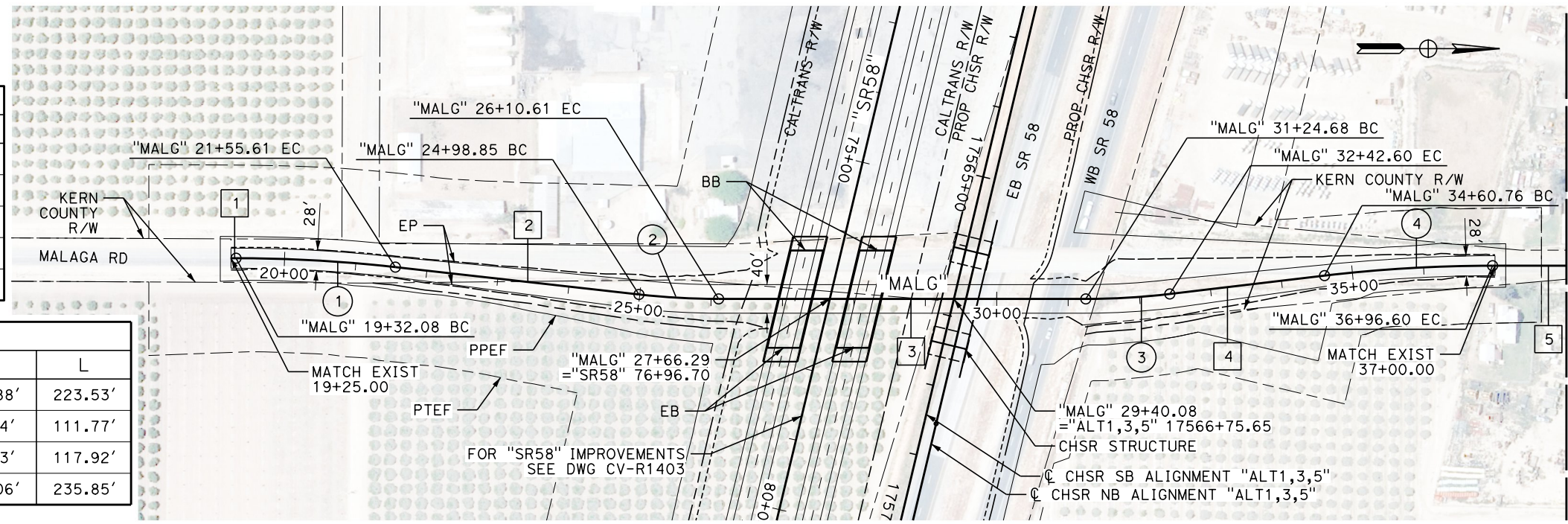
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,3,5
ROADWAY
EDISON ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1013
SCALE
AS SHOWN
SHEET NO.

Projects\701206_00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1025.dgn 11/3/2017 4:53:58 PM OIC:Arivera

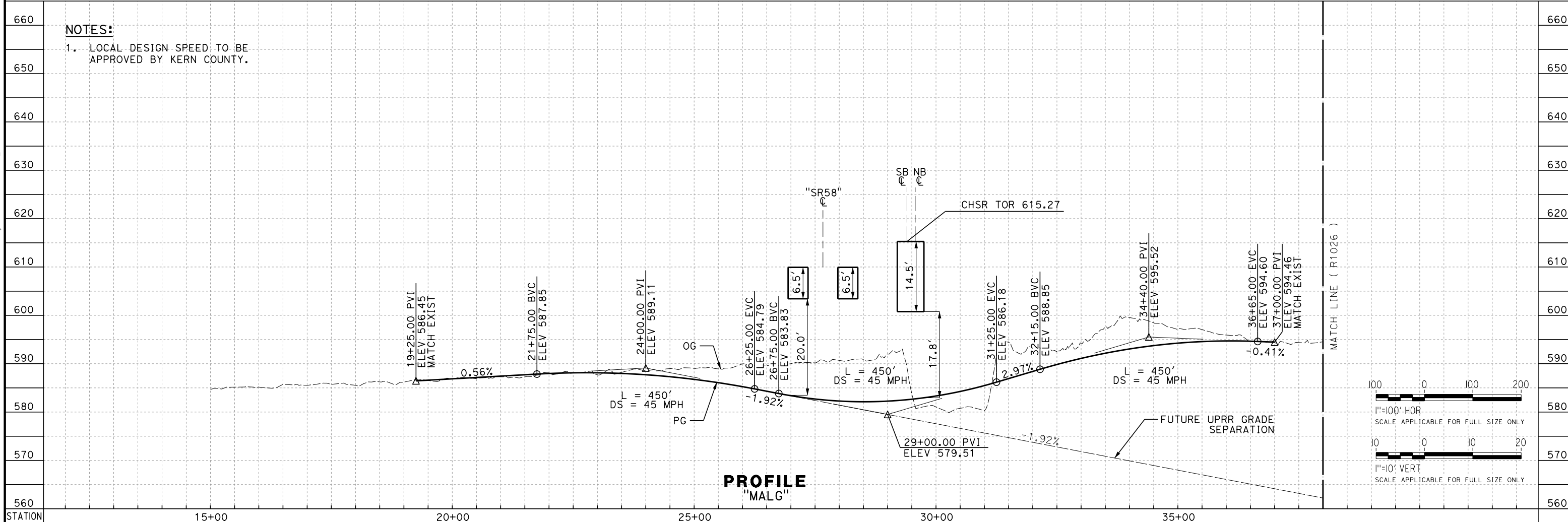
LINE DATA		
No.	BEARING	DISTANCE
1	N 0°00'00" W	7.08'
2	N 6°24'13" E	343.23'
3	N 0°00'00" W	514.07'
4	N 6°45'23" W	218.15'
5	N 0°00'00" E	1803.40'

CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	6°24'13"	111.88'	223.53'
2	1000.00'	6°24'13"	55.94'	111.77'
3	1000.00'	6°45'23"	59.03'	117.92'
4	2000.00'	6°45'23"	118.06'	235.85'

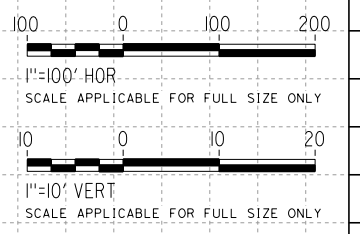


PLAN

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"MALG"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

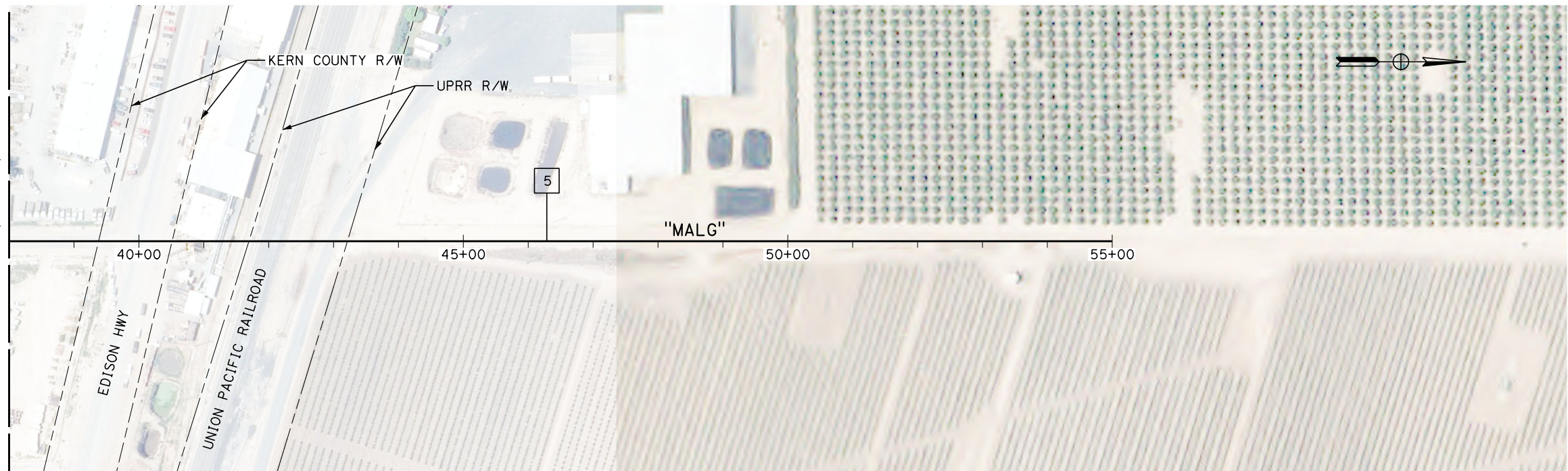


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 MALAGA ROAD
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1025
 SCALE
AS SHOWN
 SHEET NO.

Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1026.dgn

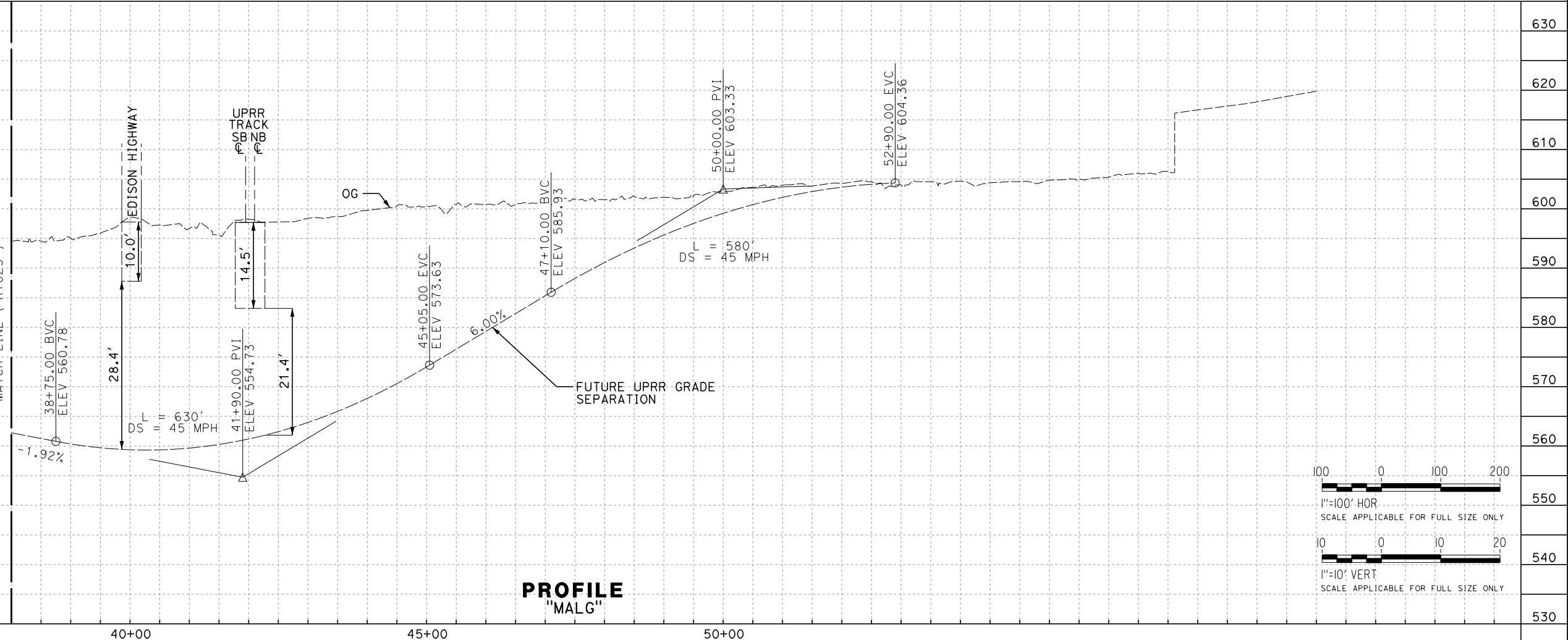
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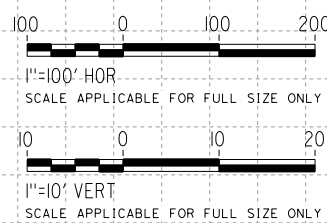
PLAN

LINE DATA		
No.	BEARING	DISTANCE
5	N 0°00'00" E	1803.40'

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"MALG"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLINT INTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 MALAGA ROAD
 PLAN AND PROFILE

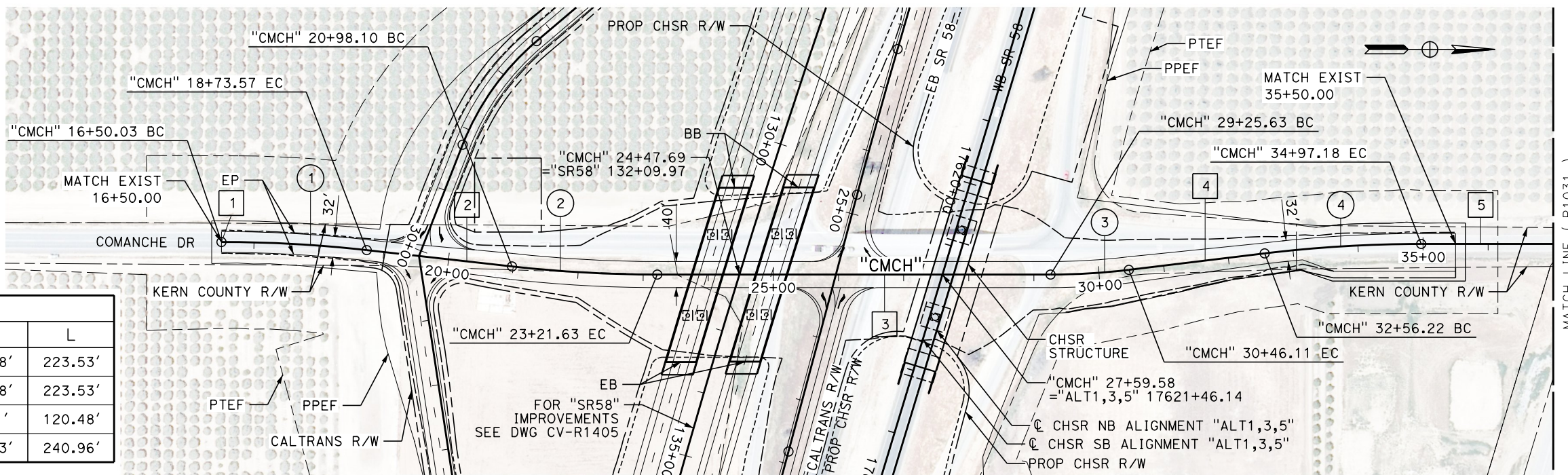
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HSR13-44
 DRAWING NO.
CV-R1026
 SCALE
AS SHOWN
 SHEET NO.

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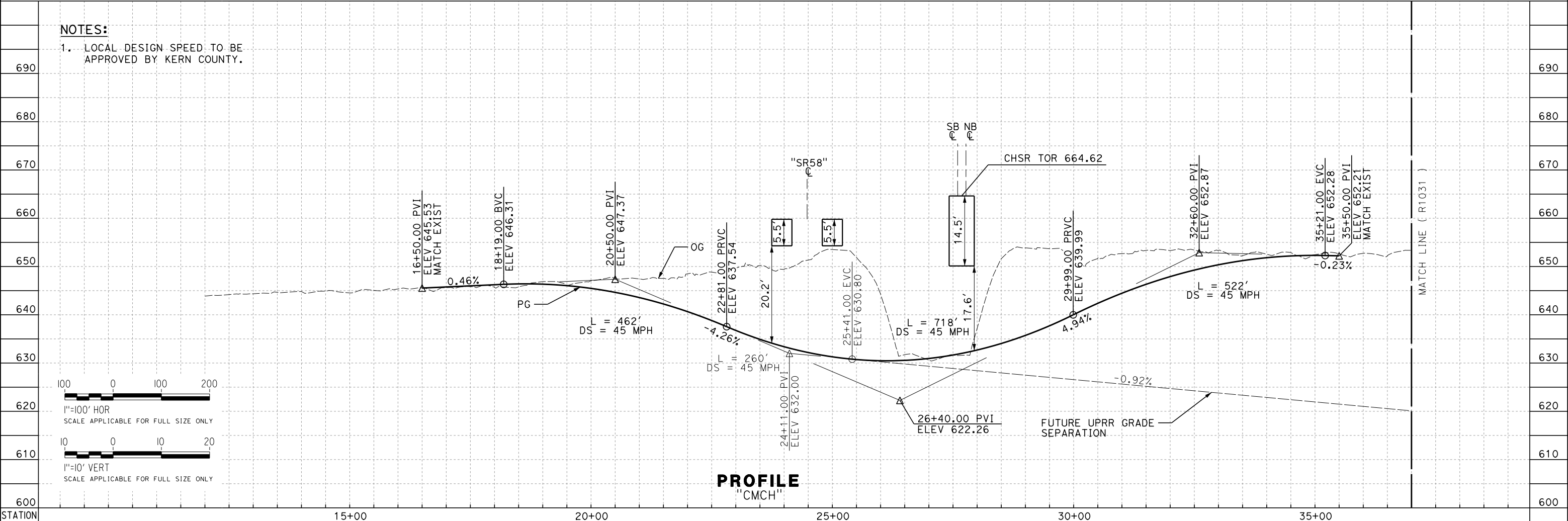
LINE DATA		
No.	BEARING	DISTANCE
1	N 0°02'30" E	0.03'
2	N 6°26'43" E	224.53'
3	N 0°02'30" E	604.00'
4	N 6°51'41" W	210.11'
5	N 0°02'30" E	502.82'

CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	6°24'13"	111.88'	223.53'
2	2000.00'	6°24'13"	111.88'	223.53'
3	1000.00'	6°54'11"	60.31'	120.48'
4	2000.00'	6°54'11"	120.63'	240.96'

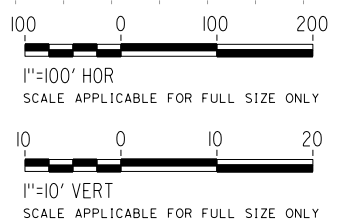


PLAN

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"CMCH"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

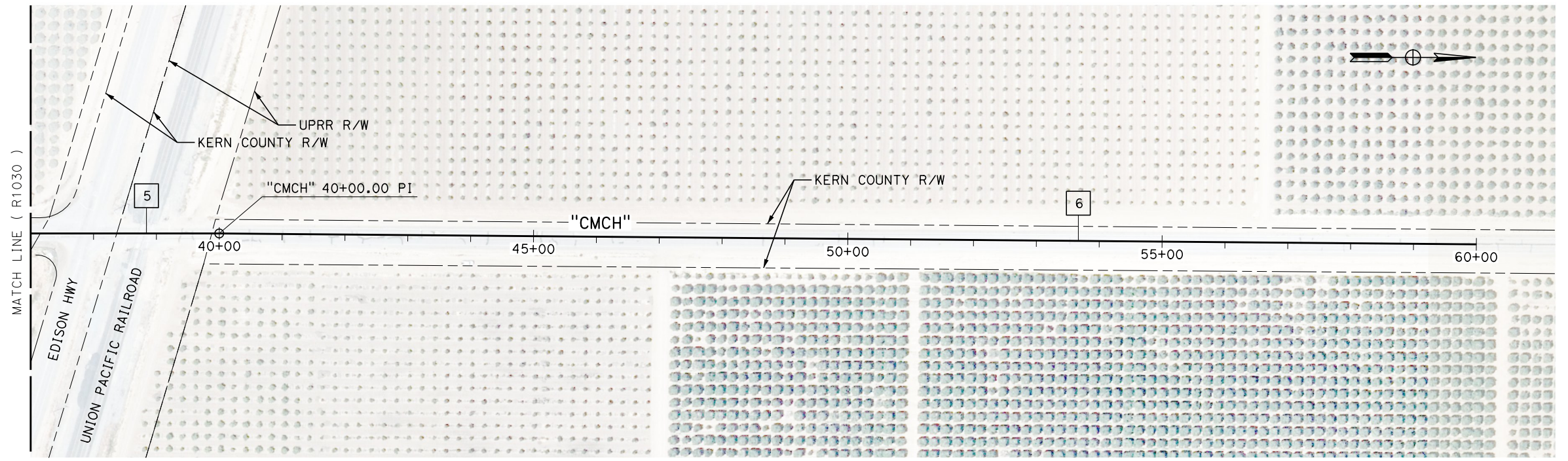
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 COMANCHE DRIVE
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1030
 SCALE
AS SHOWN
 SHEET NO.

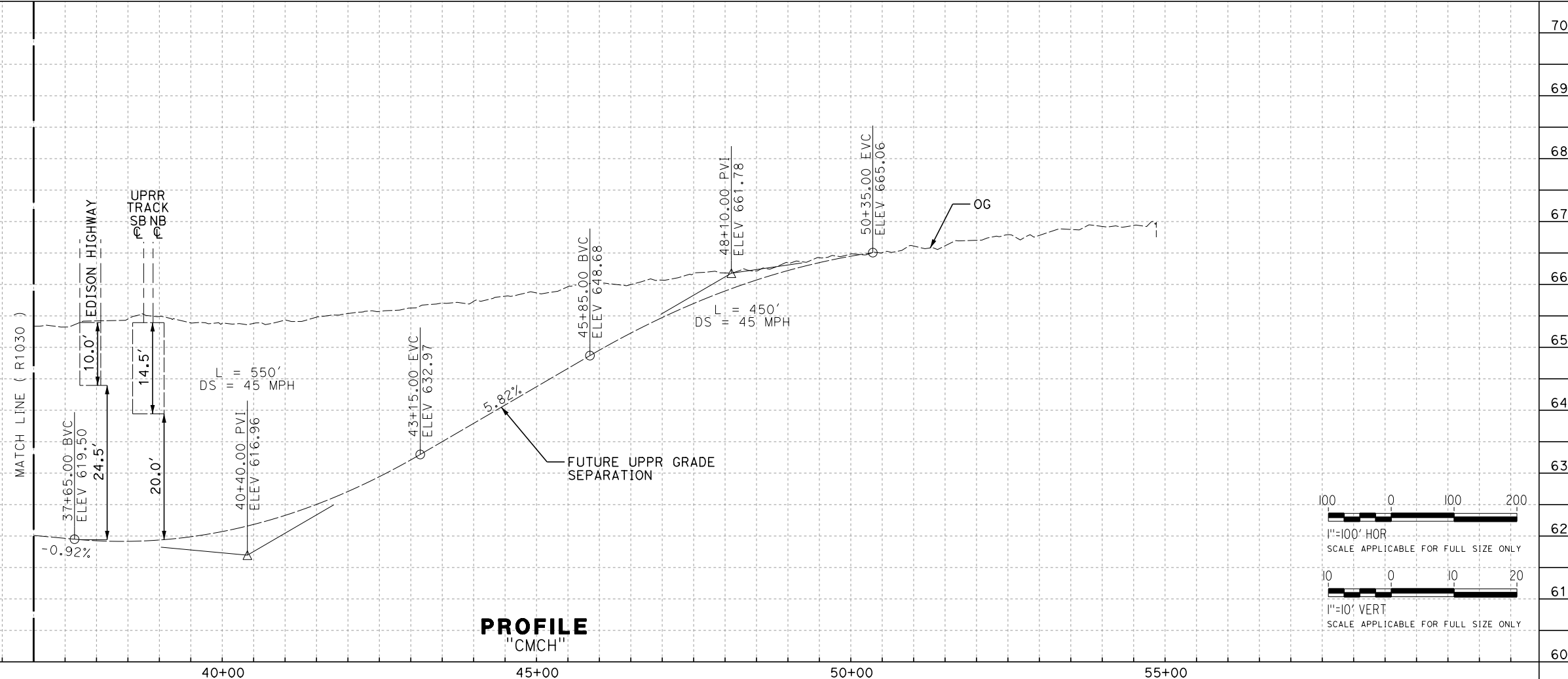
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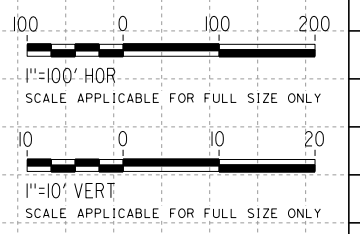
PLAN

LINE DATA		
No.	BEARING	DISTANCE
5	N 0°02'30" E	502.82'
6	N 0°32'18" E	2000.00'

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"CMCH"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



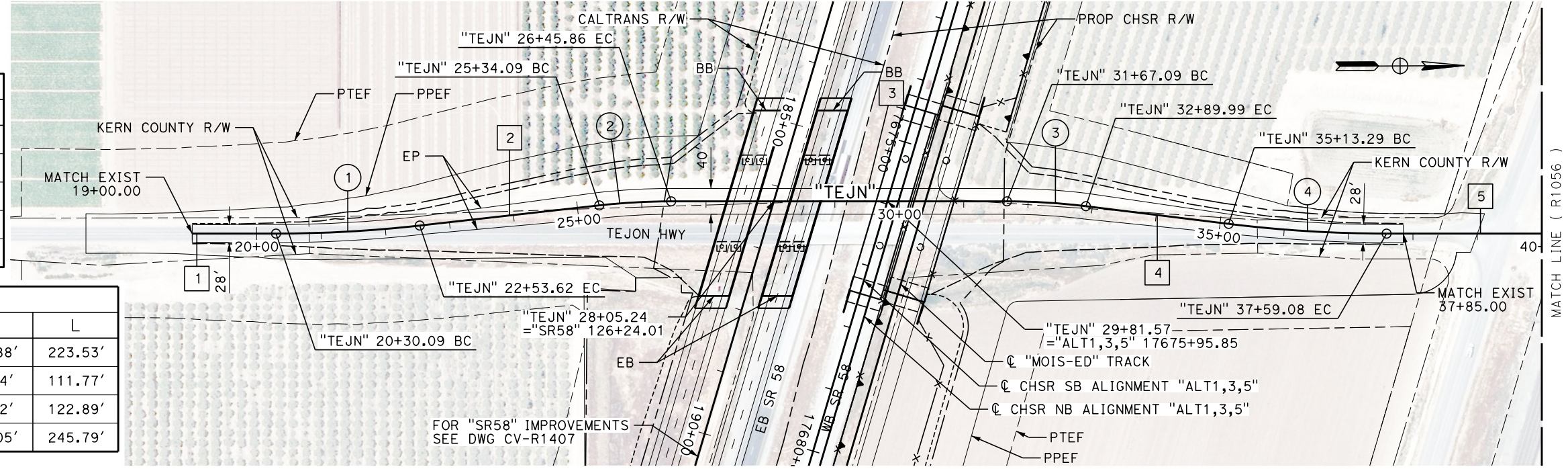
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 COMANCHE DRIVE
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1031
 SCALE
AS SHOWN
 SHEET NO.

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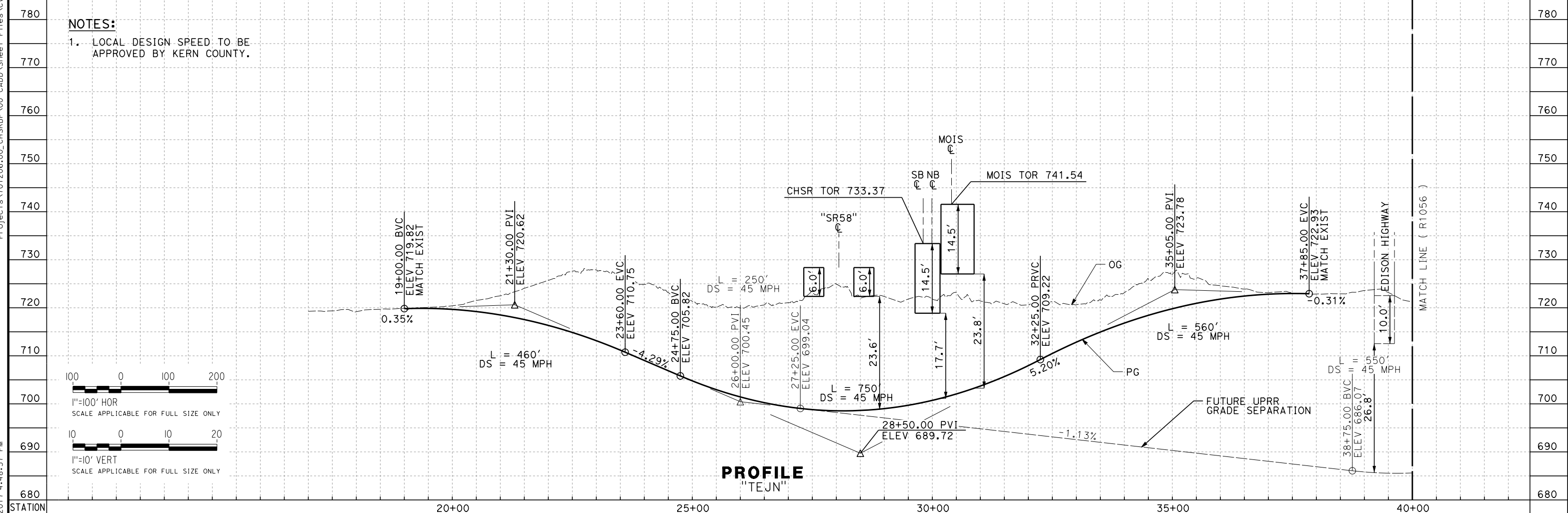
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No.	BEARING	DISTANCE
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2	N 6°05'28" W	280.47'
3	N 0°18'45" E	521.23'
4	N 7°21'14" E	223.31'
5	N 0°18'45" E	2240.92'

CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	6°24'13"	111.88'	223.53'
2	1000.00'	6°24'13"	55.94'	111.77'
3	1000.00'	7°02'29"	61.52'	122.89'
4	2000.00'	7°02'29"	123.05'	245.79'

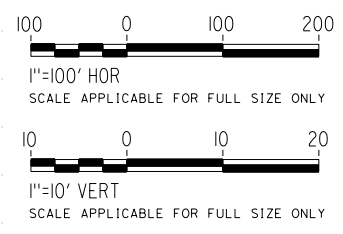


PLAN

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"TEJN"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

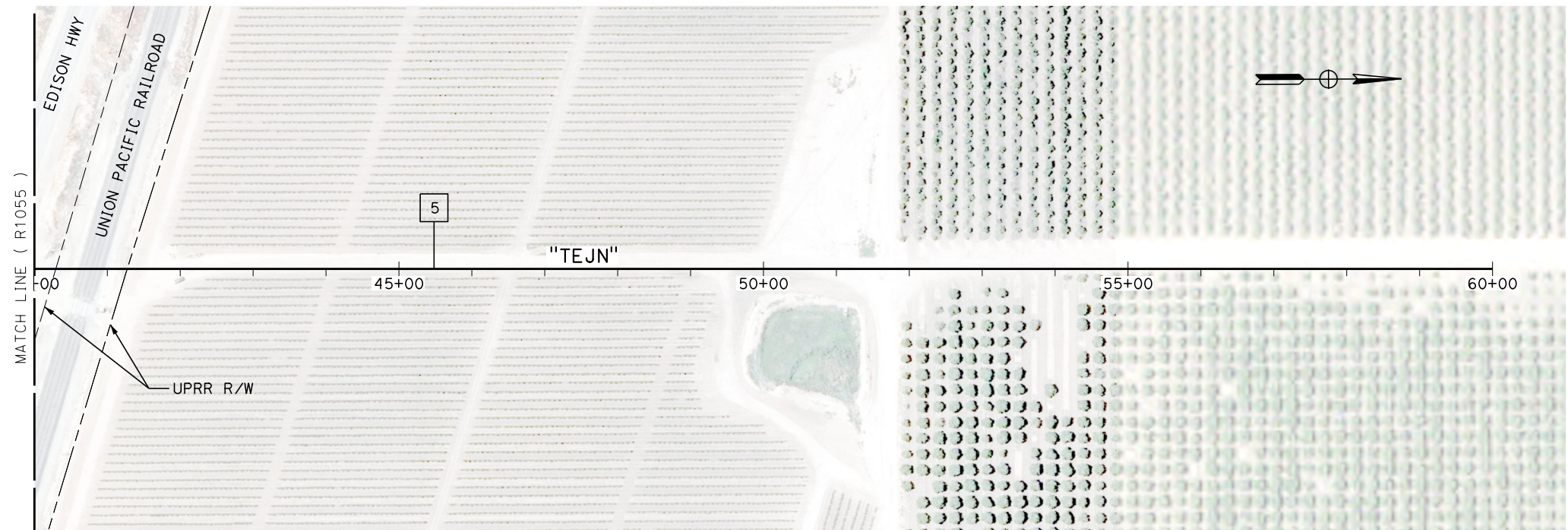
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 TEJON HIGHWAY
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1055
 SCALE
AS SHOWN
 SHEET NO.

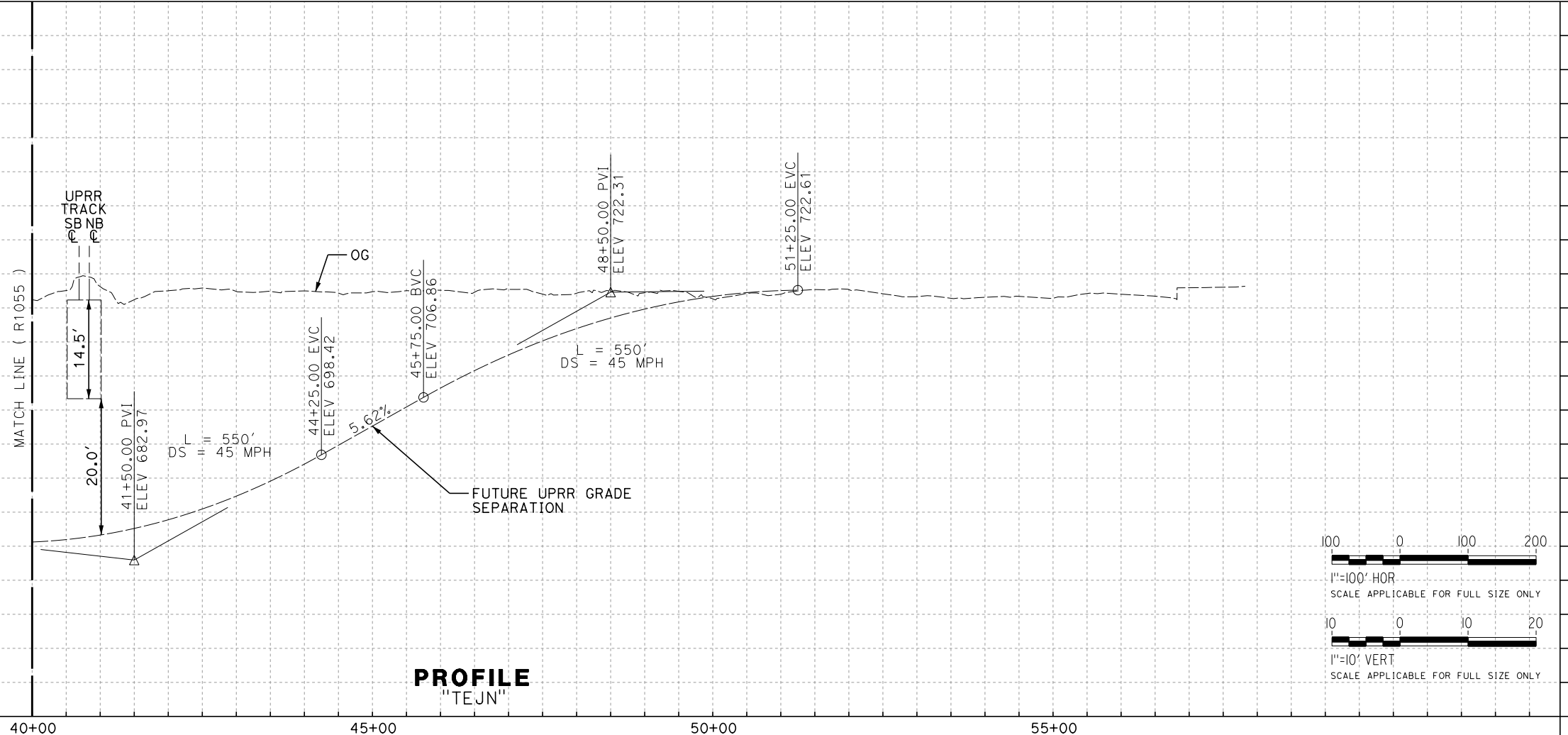
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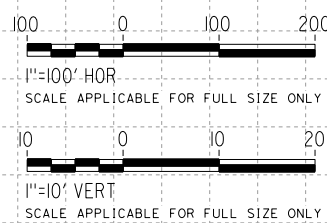
PLAN

LINE DATA		
No.	BEARING	DISTANCE
5	N 0°18'45" E	2240.92'

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"TEJN"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

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CONSTRUCTION**



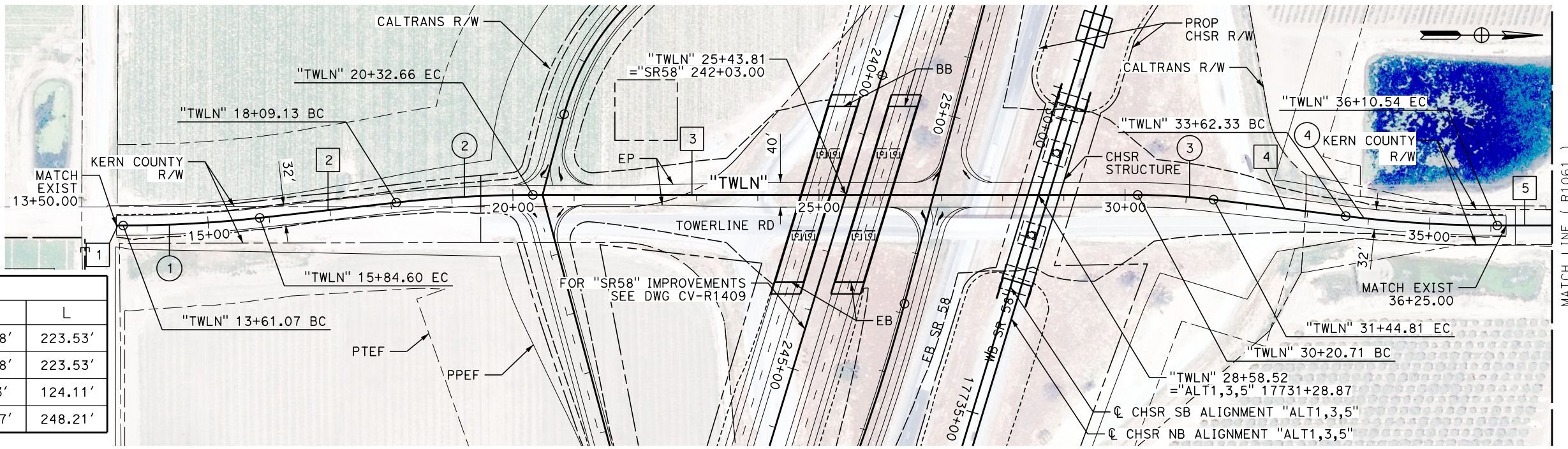
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 TEJON HIGHWAY
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1056
 SCALE
AS SHOWN
 SHEET NO.

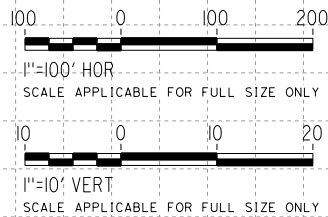
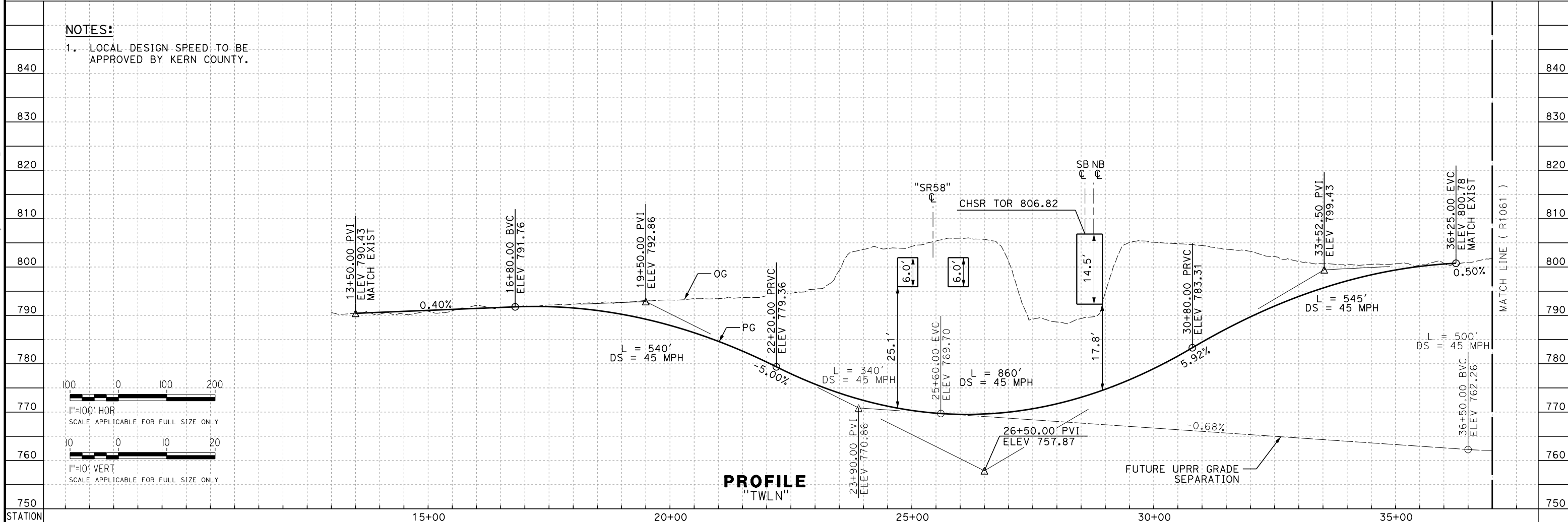
O:\C:\ARivera 11/3/2017 4:55:48 PM Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1060.dgn

LINE DATA		
No.	BEARING	DISTANCE
1	N 0°00'00" E	11.07'
2	N 6°24'13" W	224.53'
3	N 0°00'00" E	988.04'
4	N 7°06'39" E	217.52'
5	N 0°00'00" W	2389.46'

CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	6°24'13"	111.88'	223.53'
2	2000.00'	6°24'13"	111.88'	223.53'
3	1000.00'	7°06'39"	62.13'	124.11'
4	2000.00'	7°06'39"	124.27'	248.21'



NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

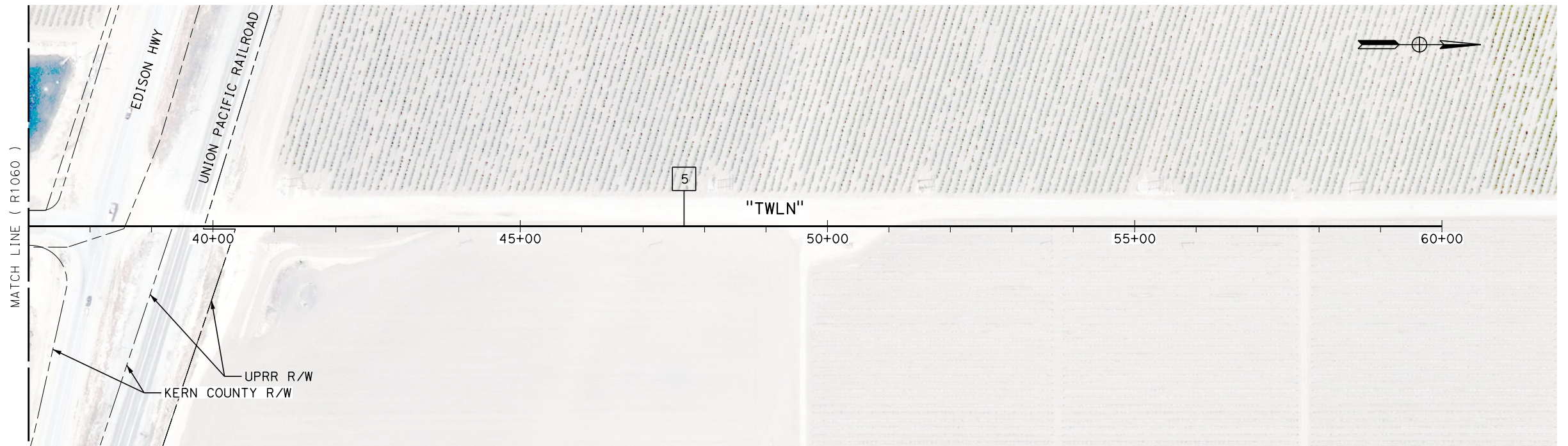


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 TOWERLINE ROAD
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1060
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1061.dgn

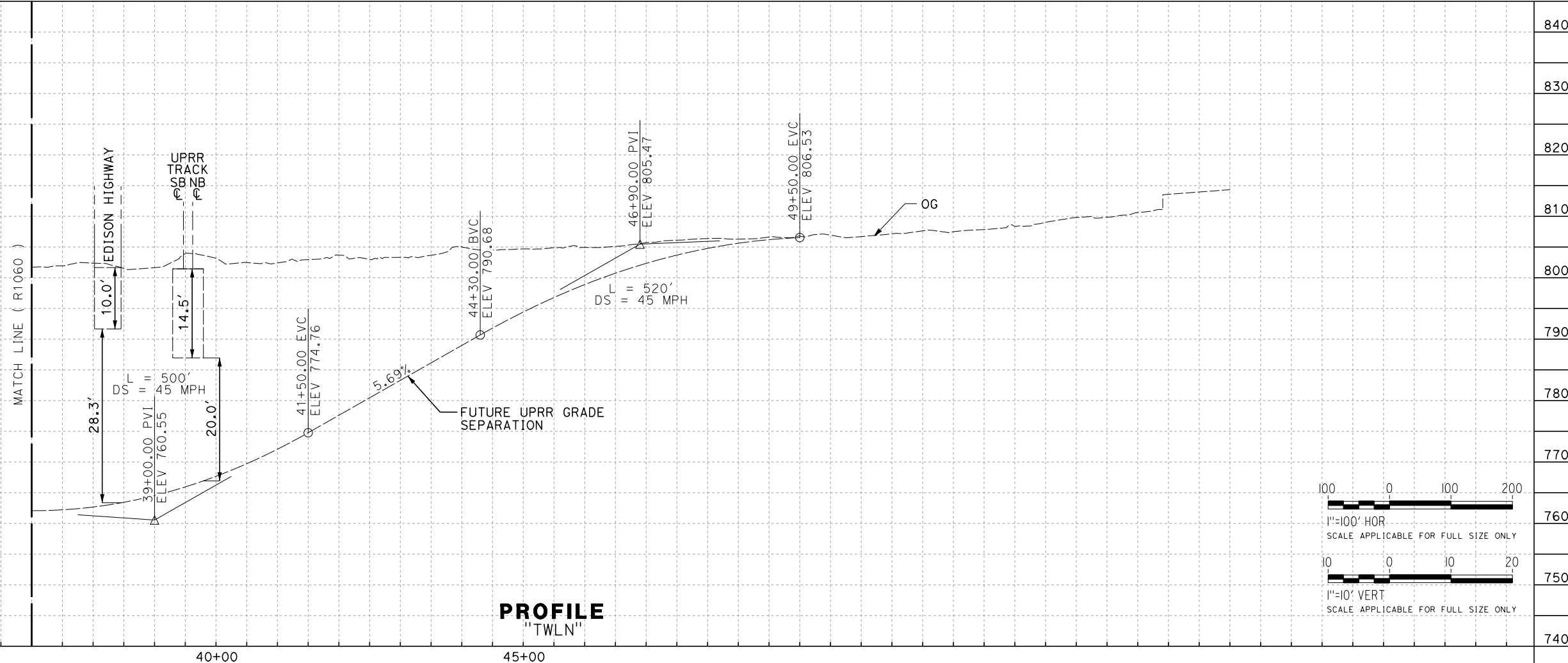
OIC:ARivera 11/23/2017 4:51:27 PM



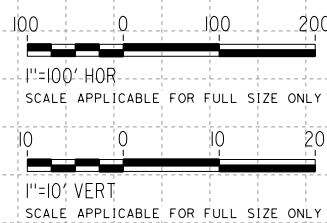
PLAN

LINE DATA		
No.	BEARING	DISTANCE
5	N 0°00'00" W	2389.46'

NOTES:
 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"TWLN"

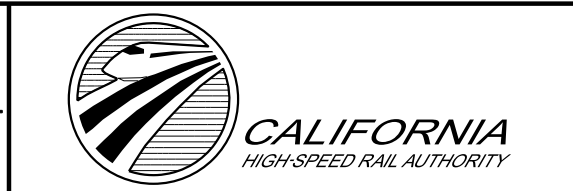


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
C. KATZENSTEIN
 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 1,3,5
 ROADWAY
 TOWERLINE ROAD
 PLAN AND PROFILE

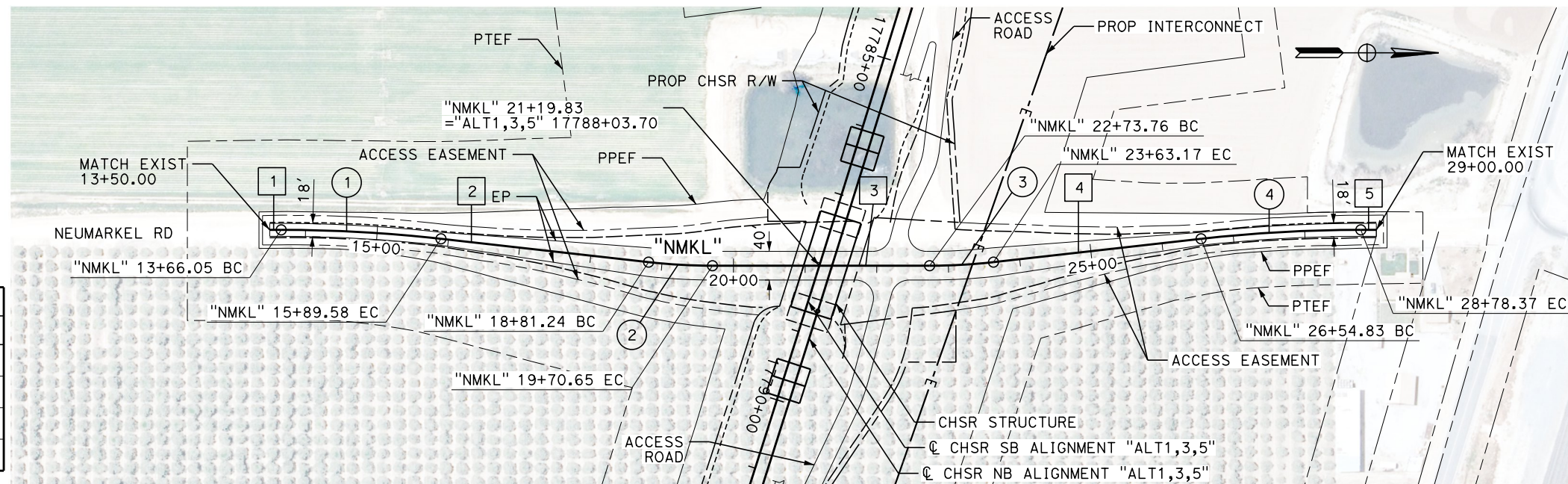
CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1061
 SCALE
AS SHOWN
 SHEET NO.

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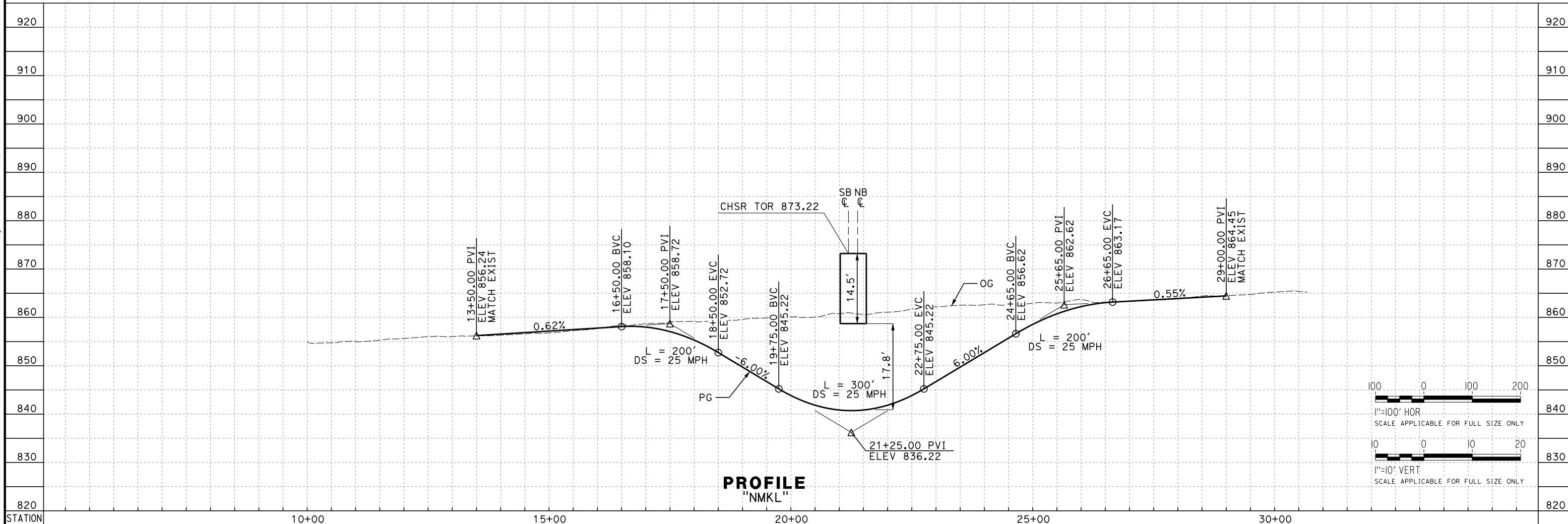
OIC:ARivera 11/3/2017 4:50:54 PM

LINE DATA		
No.	BEARING	DISTANCE
1	N 0°00'00" E	16.05'
2	N 6°24'13" E	291.66'
3	N 0°00'00" W	303.11'
4	N 6°24'13" W	291.66'
5	N 0°00'00" E	21.64'

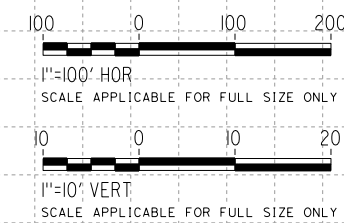
CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	6°24'13"	111.88'	223.53'
2	800.00'	6°24'13"	44.75'	89.41'
3	800.00'	6°24'13"	44.75'	89.41'
4	2000.00'	6°24'13"	111.88'	223.53'



PLAN



PROFILE
"NMKL"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

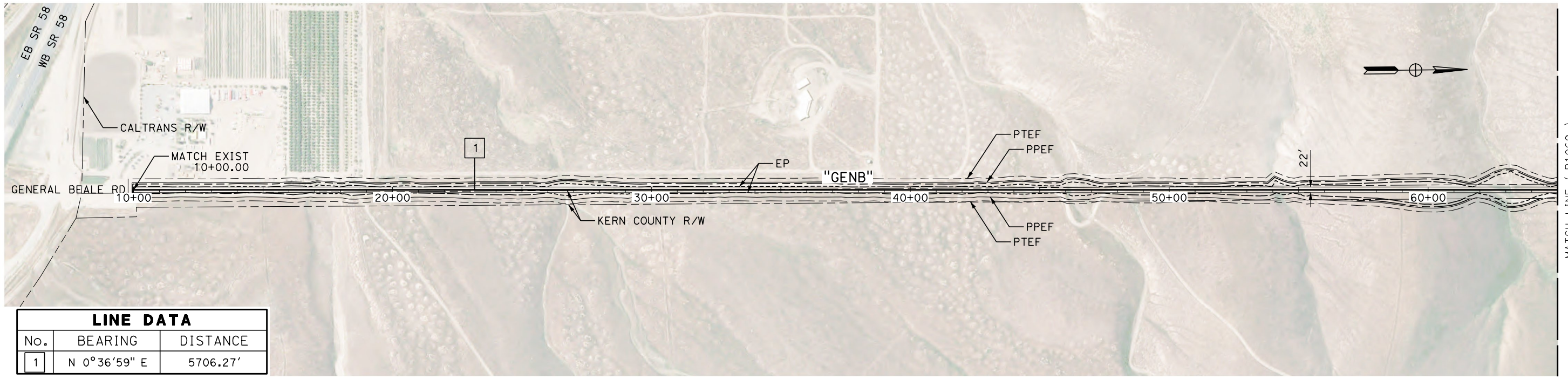
**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
ROADWAY
NEUMARKEL ROAD
PLAN AND PROFILE

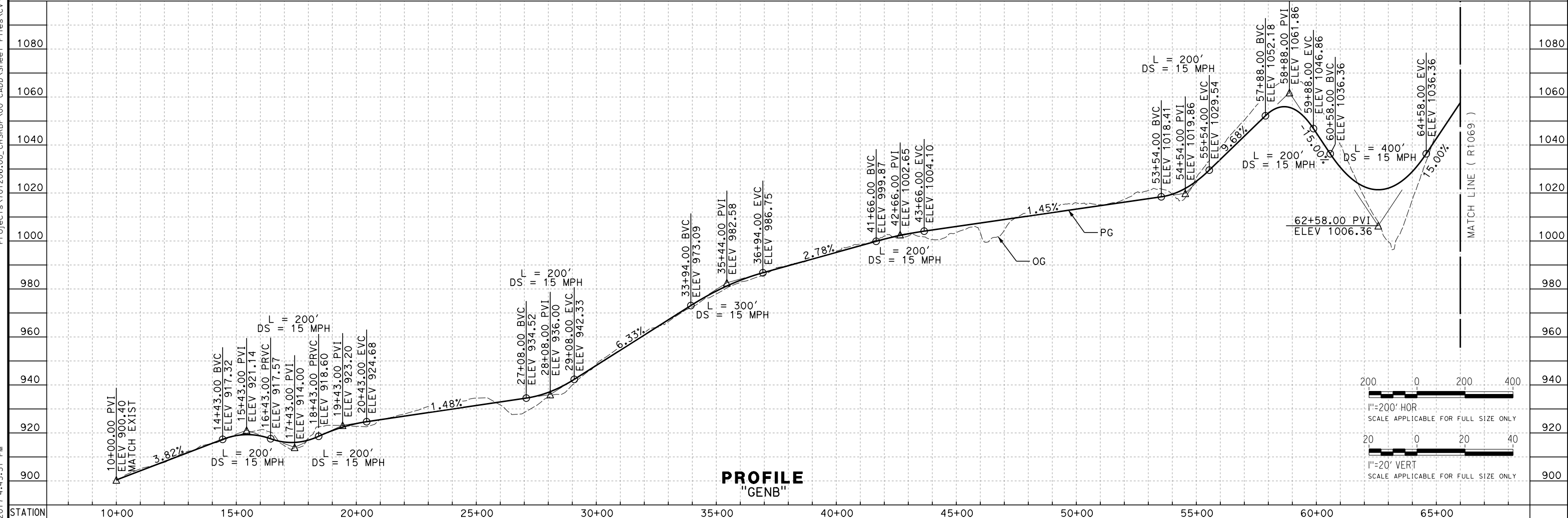
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1065
SCALE
AS SHOWN
SHEET NO.



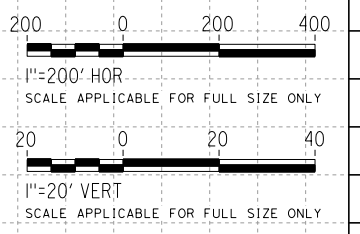
LINE DATA		
No.	BEARING	DISTANCE
1	N 0° 36' 59" E	5706.27'

PLAN

Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1068.dgn



PROFILE
"GENB"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

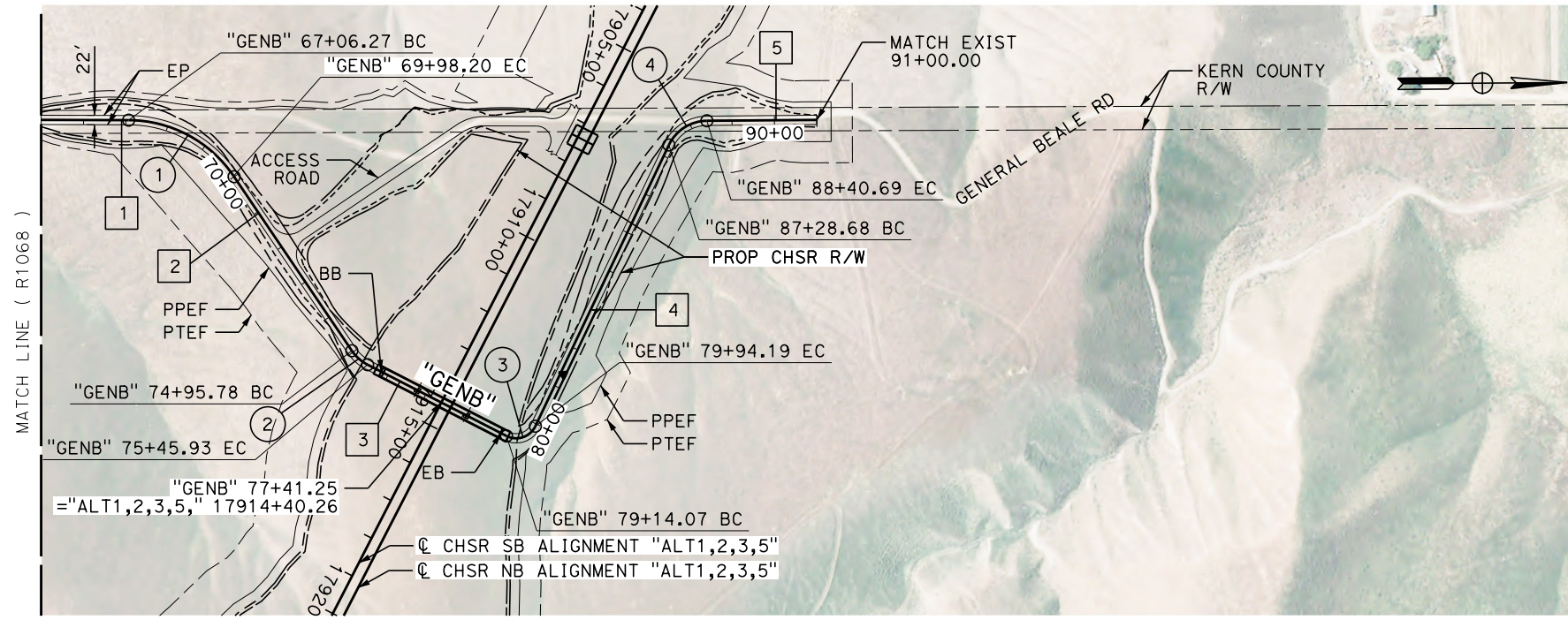
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
GENERAL BEALE ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1068
SCALE
AS SHOWN
SHEET NO.

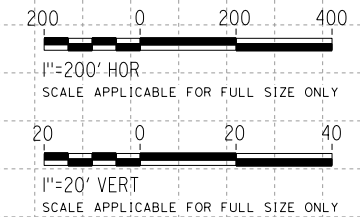
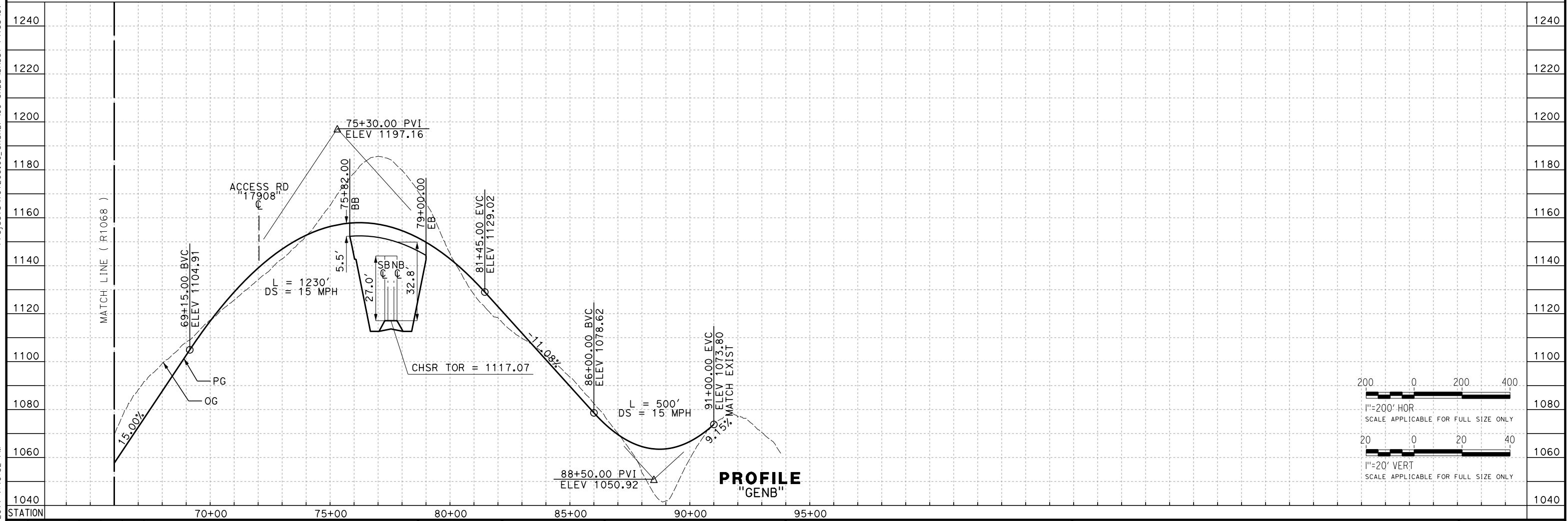
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1068A.dgn 11/3/2017 4:46:32 PM OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
1	N 0°36'59" E	5706.27'
2	N 56°22'17" E	497.57'
3	N 27°38'01" E	368.14'
4	N 64°10'37" W	734.49'
5	N 0°00'00" E	259.31'

CURVE DATA				
No.	R	Δ	T	L
1	300.00'	55°45'18"	158.69'	291.93'
2	100.00'	28°44'17"	25.62'	50.16'
3	50.00'	91°48'37"	51.61'	80.12'
4	100.00'	64°10'37"	62.70'	112.01'

PLAN



PROFILE
"GENB"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



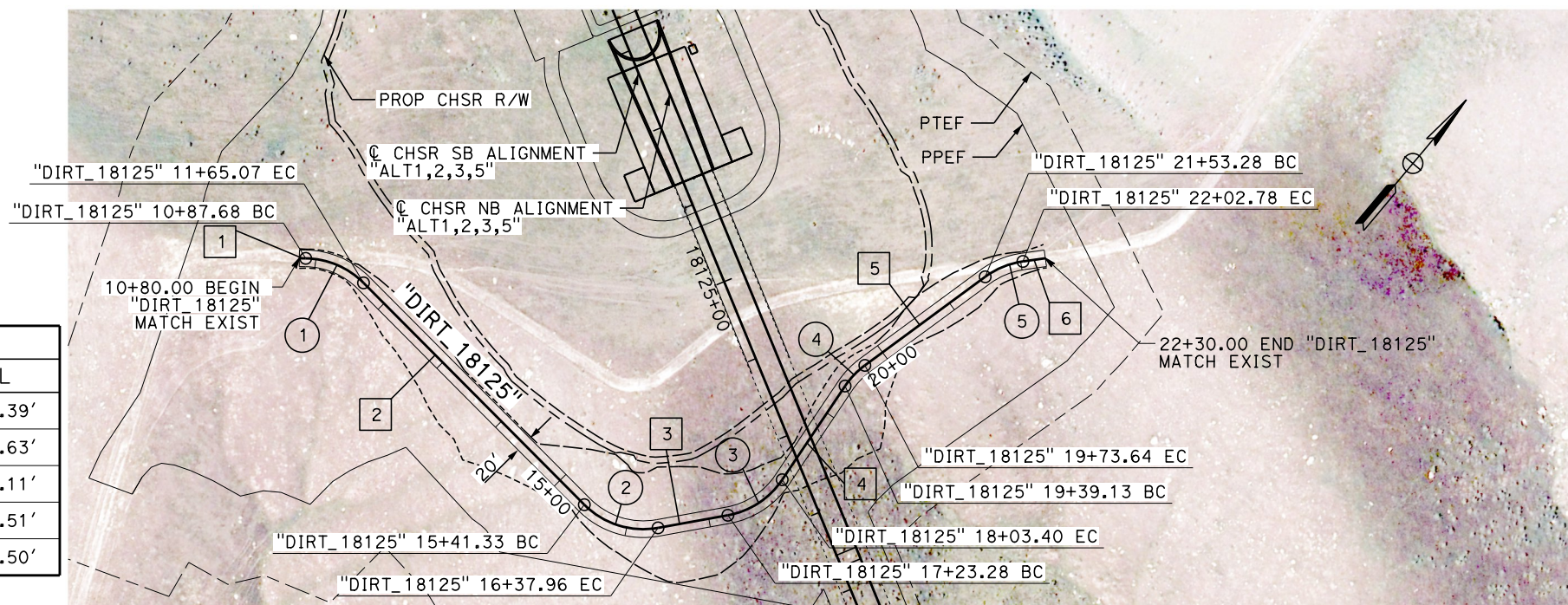
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
GENERAL BEALE ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1068A
SCALE
AS SHOWN
SHEET NO.

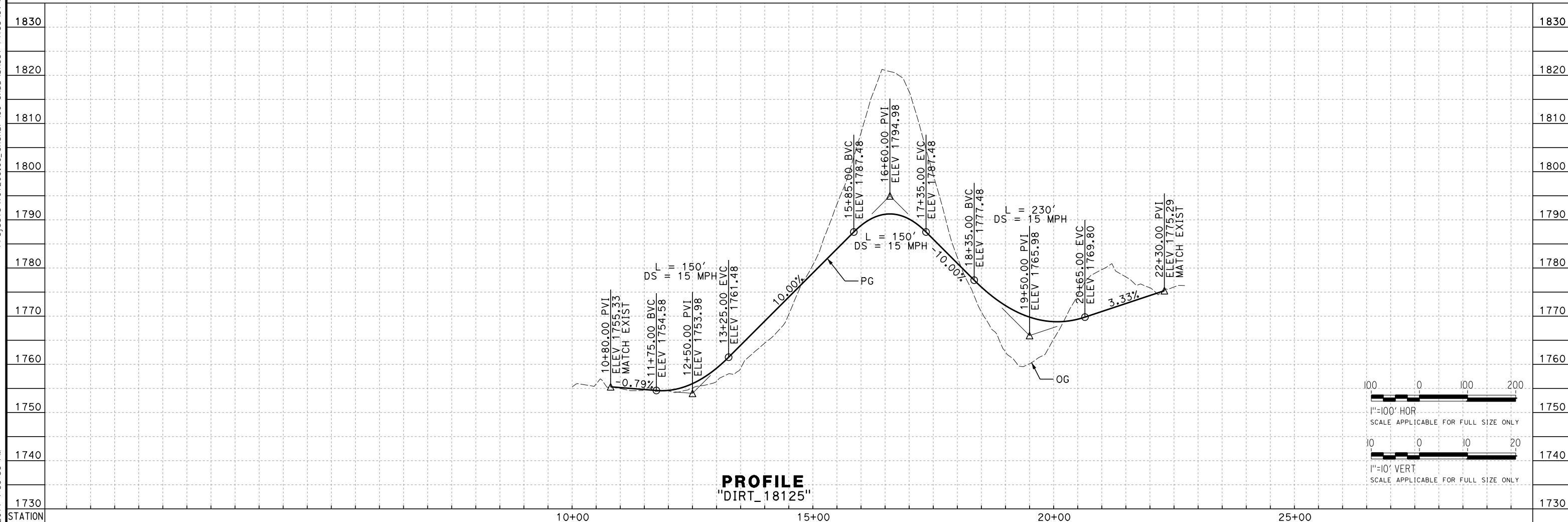
Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1069.dgn 11/3/2017 4:59:58 PM OIC:Arivera

LINE DATA		
No.	BEARING	DISTANCE
1	N 50°45'24" E	7.68'
2	S 84°54'10" E	376.26'
3	N 39°43'51" E	85.32'
4	N 6°10'12" W	135.73'
5	N 13°36'19" E	179.64'
6	N 41°58'00" E	27.22'

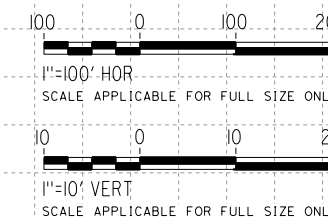
CURVE DATA				
No.	R	Δ	T	L
1	100.00'	44°20'26"	40.75'	77.39'
2	100.00'	55°21'59"	52.46'	96.63'
3	100.00'	45°54'02"	42.35'	80.11'
4	100.00'	19°46'31"	17.43'	34.51'
5	100.00'	28°21'41"	25.27'	49.50'



PLAN



PROFILE
"DIRT_18125"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

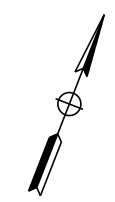
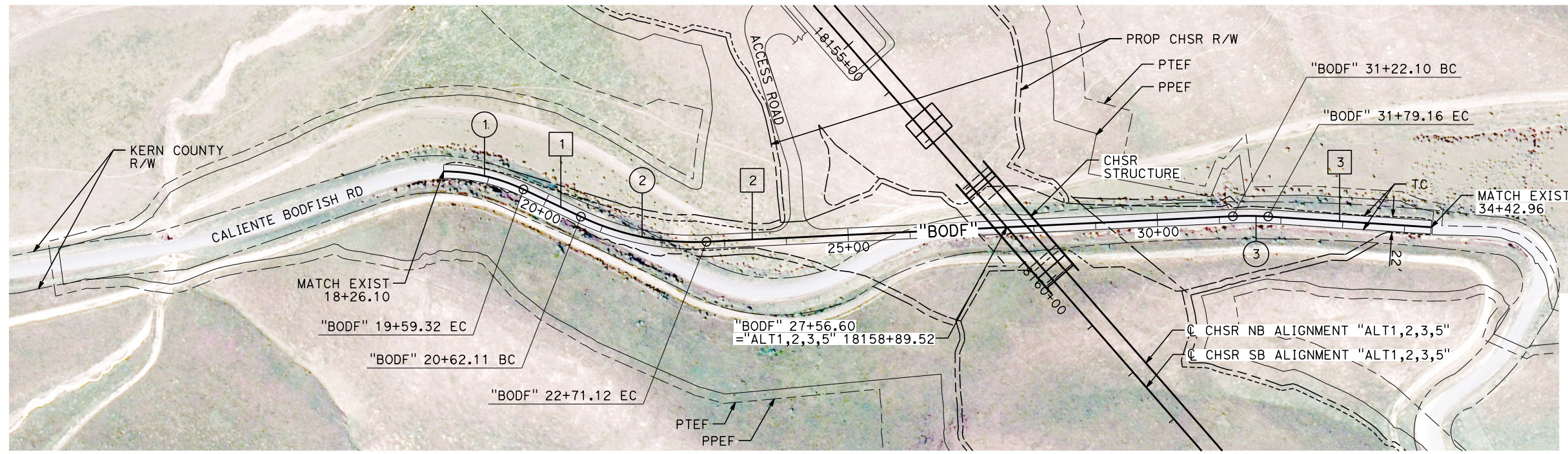
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
DIRT ROAD 18125+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1069
SCALE
AS SHOWN
SHEET NO.

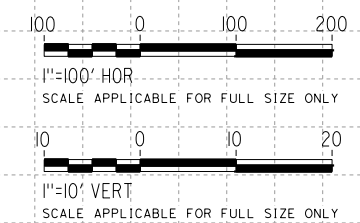
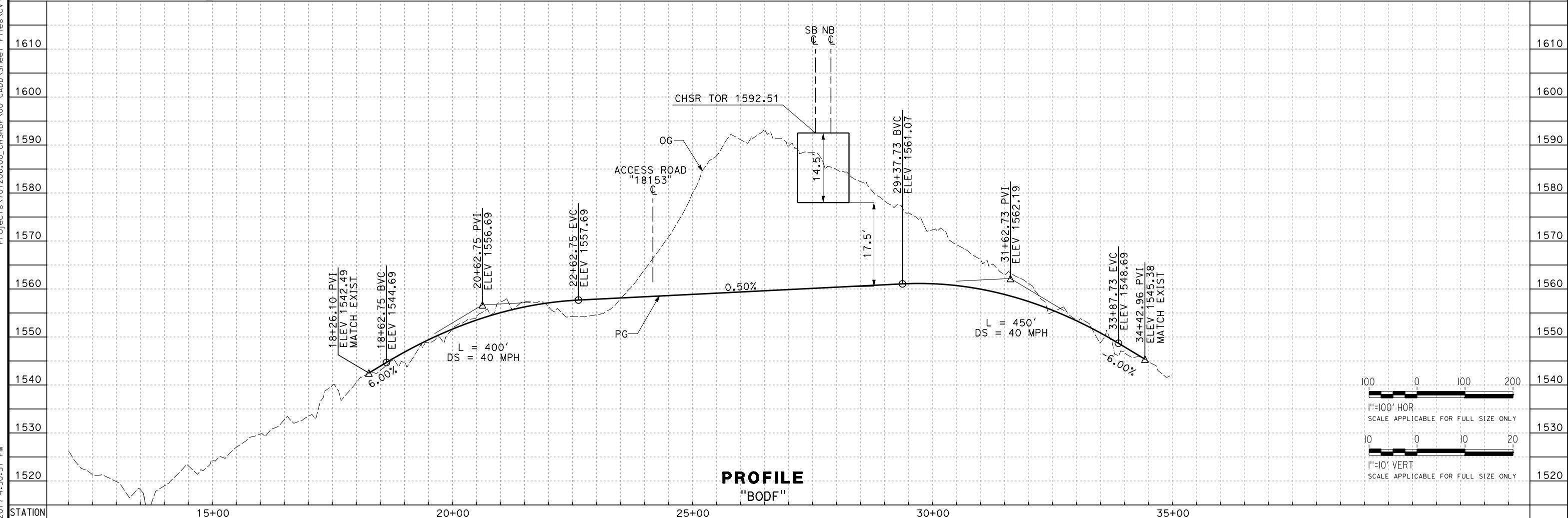
Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1070.dgn 11/3/2017 4:50:31 PM OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
1	N 85°55'49" W	102.79'
2	N 65°53'32" E	850.99'
3	N 72°25'48" E	263.80'

CURVE DATA				
No.	R	Δ	T	L
1	300.00'	25°26'35"	67.73'	133.22'
2	425.00'	28°10'40"	106.67'	209.01'
3	500.00'	6°32'16"	28.56'	57.05'

PLAN



PROFILE
"BODF"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

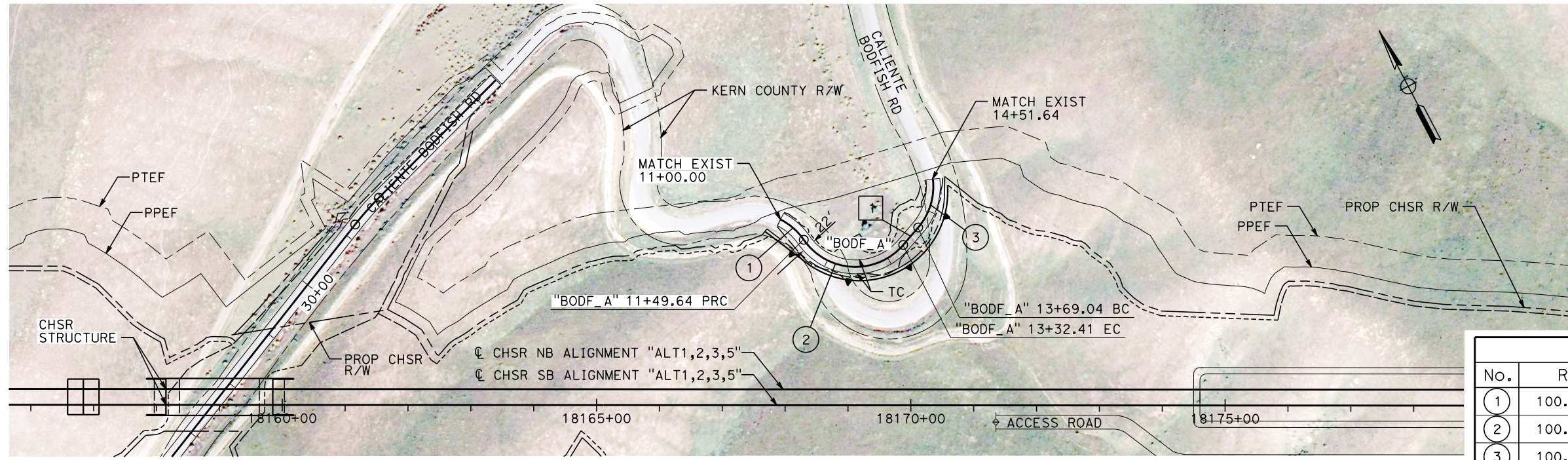
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
CALIENTE BODFISH ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1070
SCALE
AS SHOWN
SHEET NO.

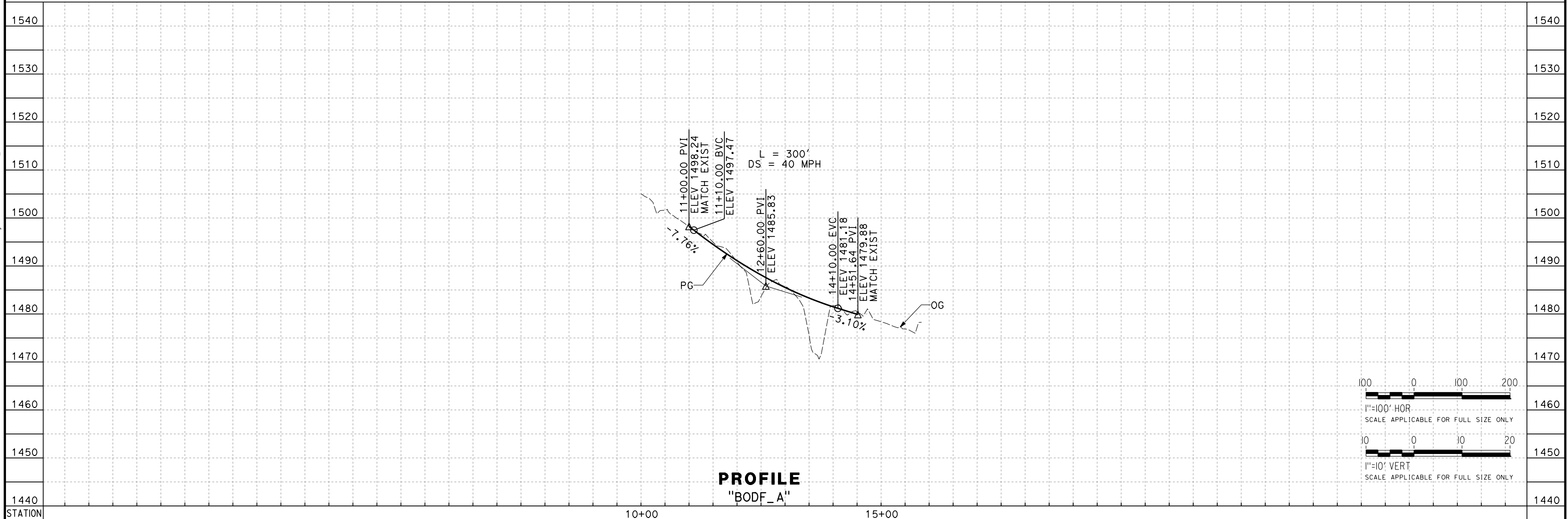
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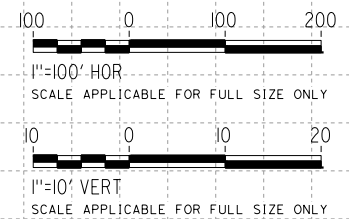
LINE DATA		
No.	BEARING	DISTANCE
1	N 68°12'46" E	36.63'

CURVE DATA				
No.	R	Δ	T	L
1	100.00'	28°26'23"	25.34'	49.64'
2	100.00'	104°43'11"	129.66'	182.77'
3	100.00'	47°19'27"	43.82'	82.60'

PLAN



PROFILE
"BODF_A"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

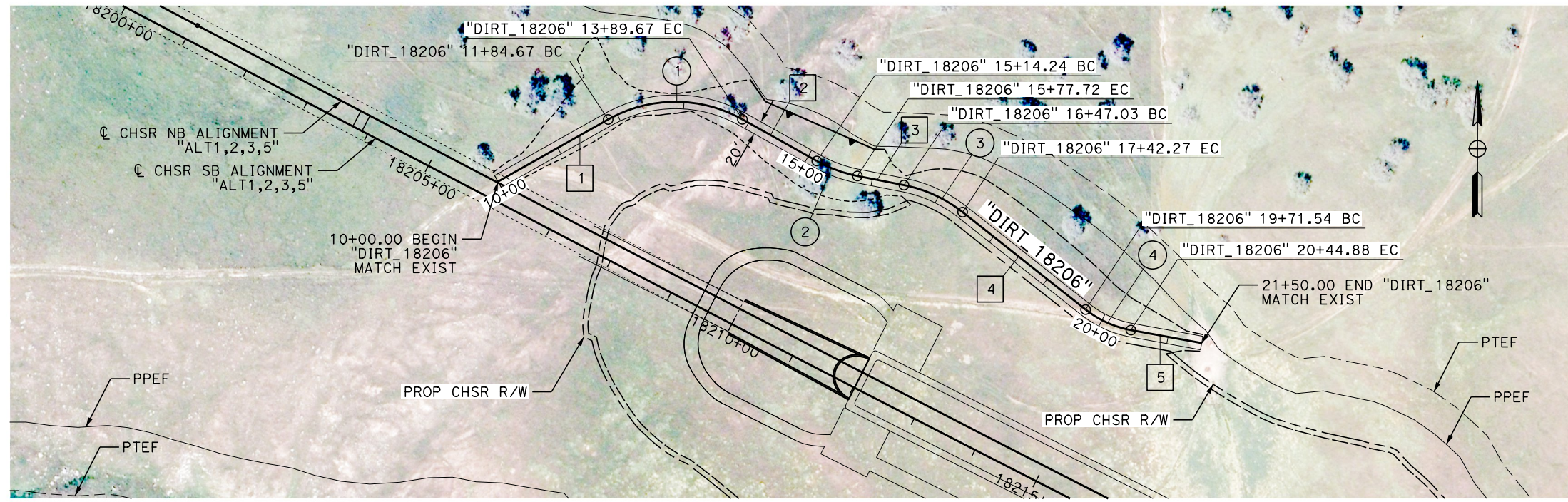
TYLIN INTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
CALIENTE BODFISH ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1070A
SCALE
AS SHOWN
SHEET NO.

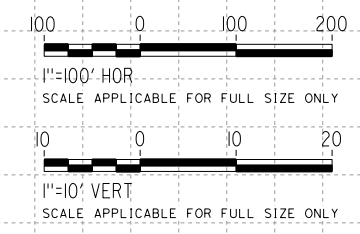
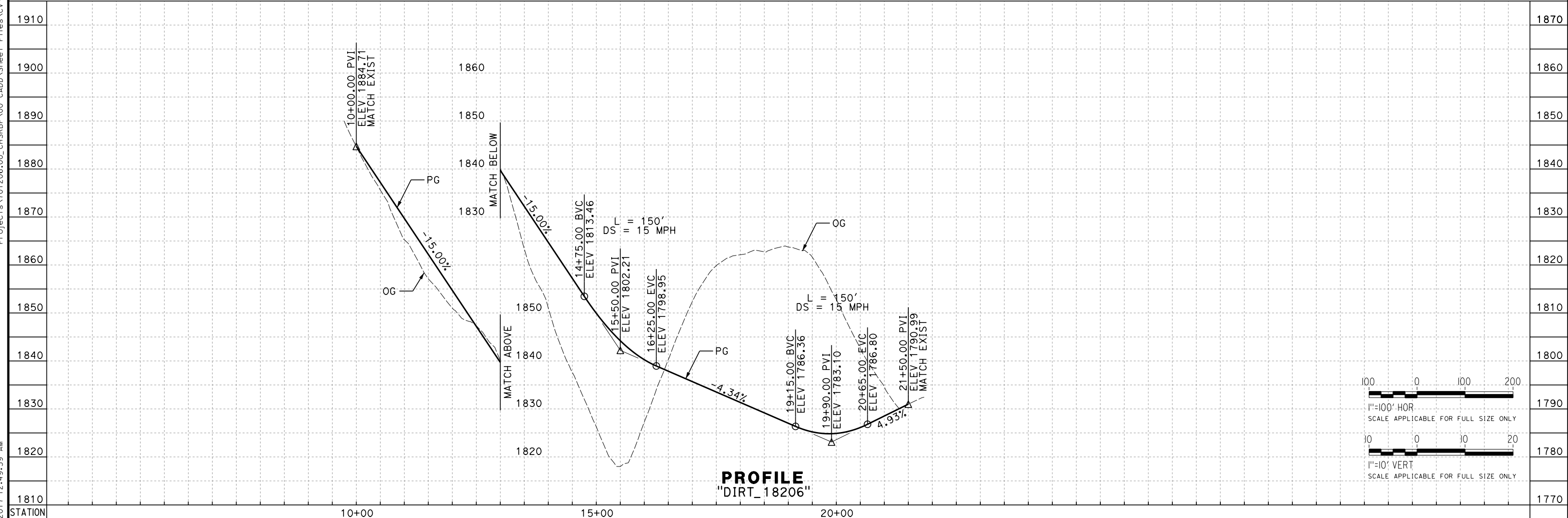
Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1071.dgn 11/4/2017 12:49:59 AM OIC:Arivera



LINE DATA		
No.	BEARING	DISTANCE
1	N 60°34'16" E	184.67'
2	S 60°42'08" E	124.57'
3	S 78°53'11" E	69.32'
4	S 51°36'15" E	229.27'
5	S 79°37'09" E	105.12'

CURVE DATA				
No.	R	Δ	T	L
1	200.00'	58°43'37"	112.53'	205.00'
2	200.00'	18°11'03"	32.01'	63.48'
3	200.00'	27°16'56"	48.54'	95.23'
4	150.00'	28°00'55"	37.42'	73.34'

PLAN



PROFILE
"DIRT_18206"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

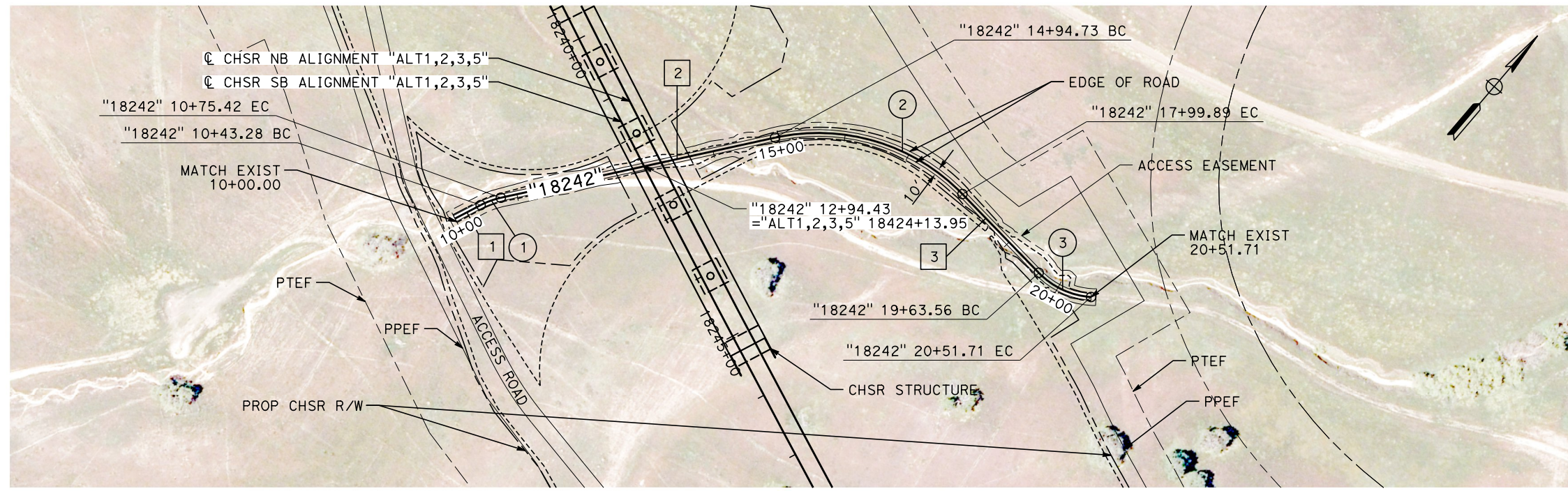
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
DIRT ROAD 18206+00
PLAN AND PROFILE

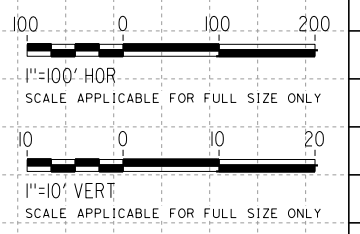
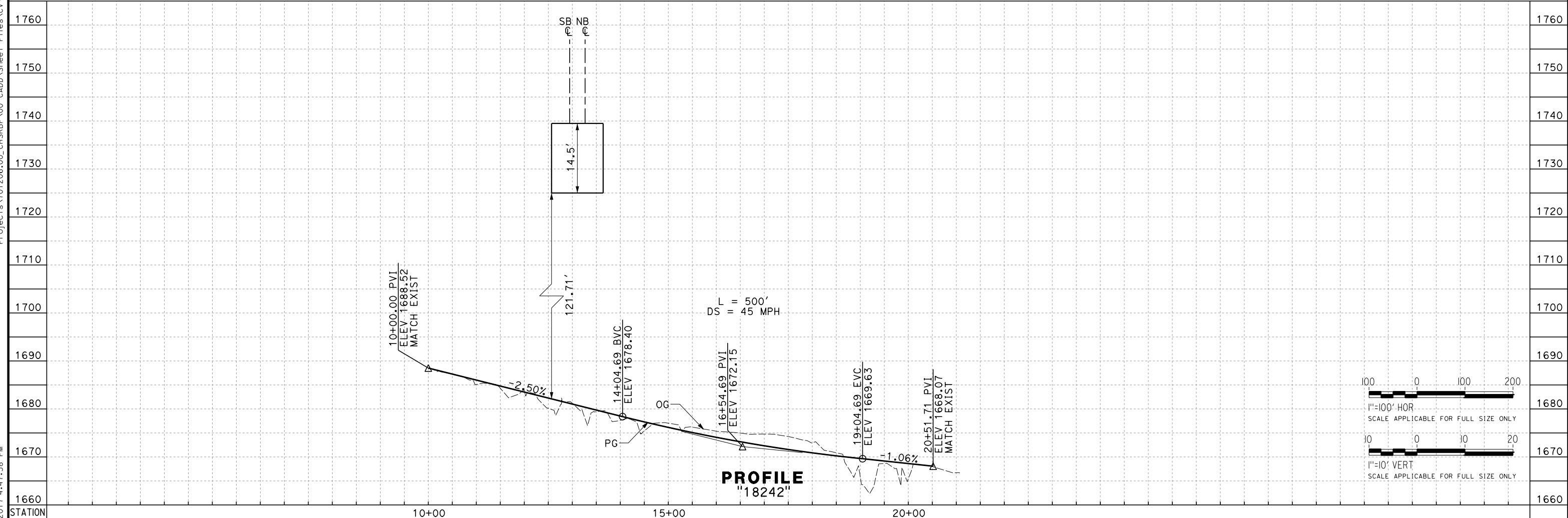
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1071
SCALE
AS SHOWN
SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1071A.dgn 11/3/2017 4:47:58 PM OIC:Arivega



LINE DATA		
No.	BEARING	DISTANCE
1	N 21°47'14" E	43.28'
2	N 37°08'03" E	419.31'
3	N 84°35'01" W	163.67'

CURVE DATA				
No.	R	Δ	T	L
1	120.00'	15°20'49"	16.17'	32.14'
2	300.00'	58°16'56"	167.26'	305.16'
3	120.00'	42°05'14"	46.17'	88.15'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
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
ROADWAY
DIRT ROAD 18242+00
PLAN AND PROFILE

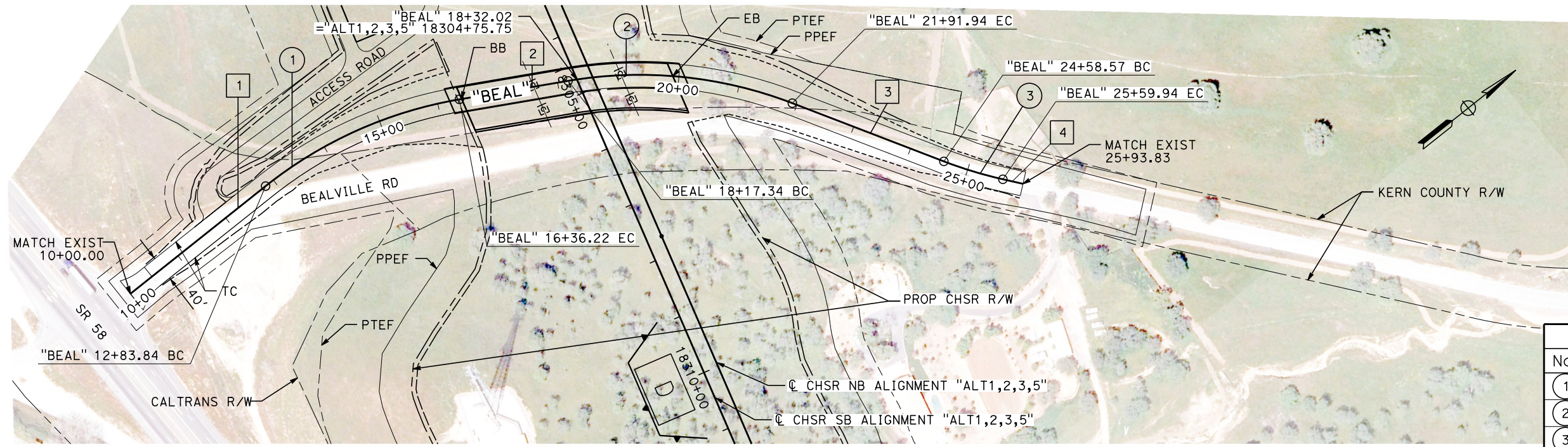
CONTRACT NO.
HSR13-44

DRAWING NO.
CV-R1071A

SCALE
AS SHOWN

SHEET NO.

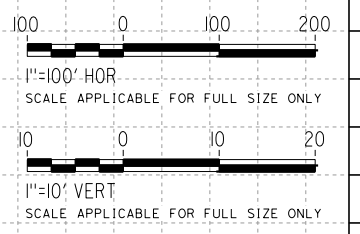
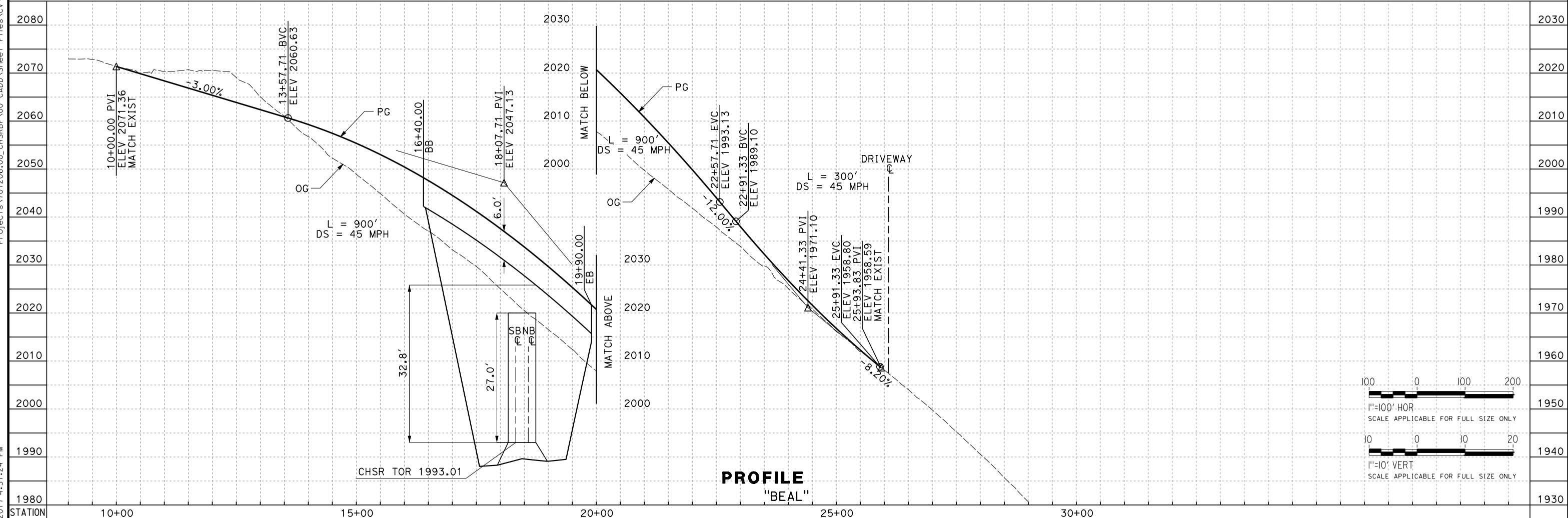
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1072.dgn 11/3/2017 4:51:24 PM OIC:Arivega



LINE DATA		
No.	BEARING	DISTANCE
1	N 0°00'00" W	283.84'
2	N 28°50'31" E	181.12'
3	N 59°30'11" E	266.63'
4	N 51°12'22" E	33.89'

CURVE DATA				
No.	R	Δ	T	L
1	700.00'	28°50'31"	180.00'	352.37'
2	700.00'	30°39'40"	191.90'	374.60'
3	700.00'	8°17'49"	50.77'	101.37'

PLAN



PROFILE
"BEAL"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

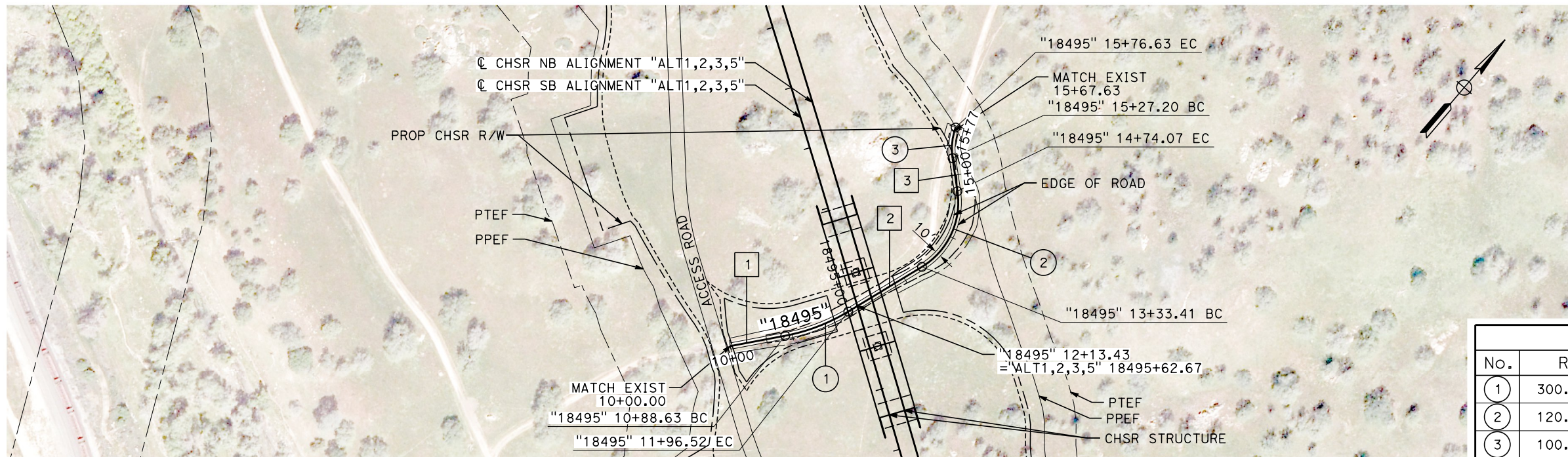
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
BEALVILLE ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1072
SCALE
AS SHOWN
SHEET NO.

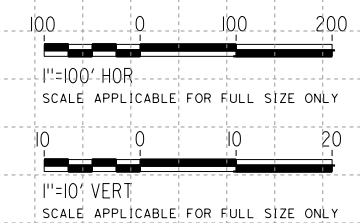
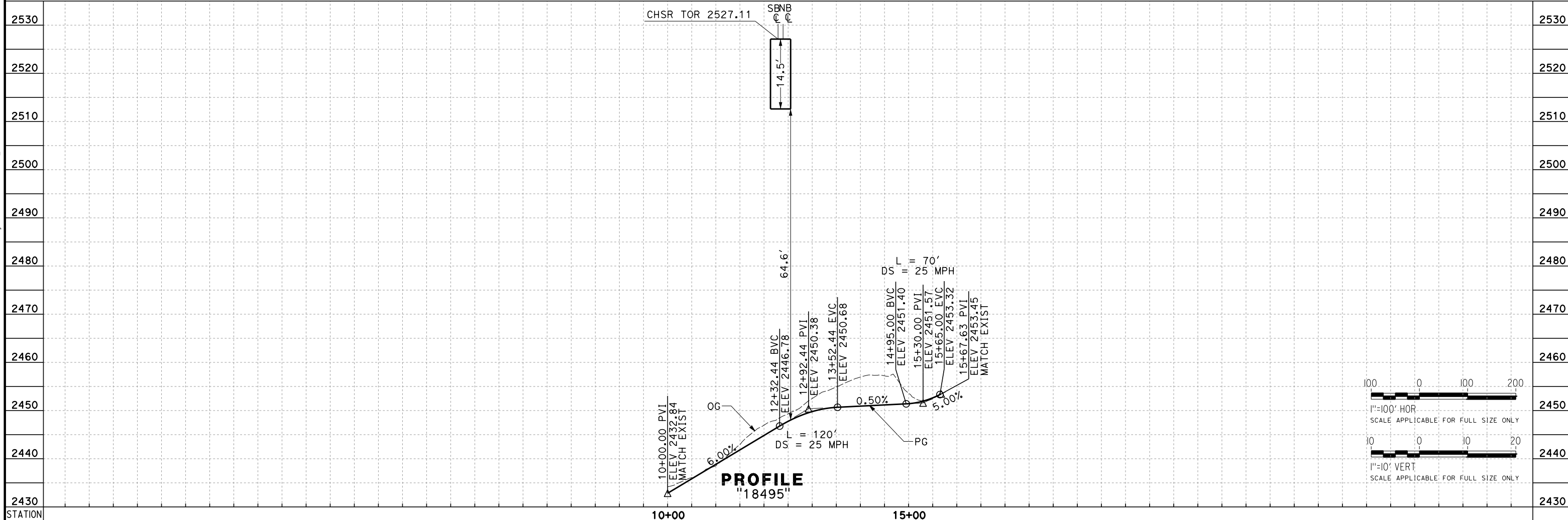
Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1074.dgn
 11/3/2017 4:58:12 PM
 OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
1	N 38°49'48" E	88.63'
2	N 18°13'31" E	136.89'
3	N 48°56'10" W	53.12'

CURVE DATA				
No.	R	Δ	T	L
1	300.00'	20°36'17"	54.53'	107.87'
2	120.00'	67°09'41"	79.67'	140.66'
3	100.00'	28°19'13"	25.23'	49.43'

PLAN



PROFILE
"18495"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. RIVERA
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PEPD
 SUBMITTAL**

**NOT FOR
 CONSTRUCTION**

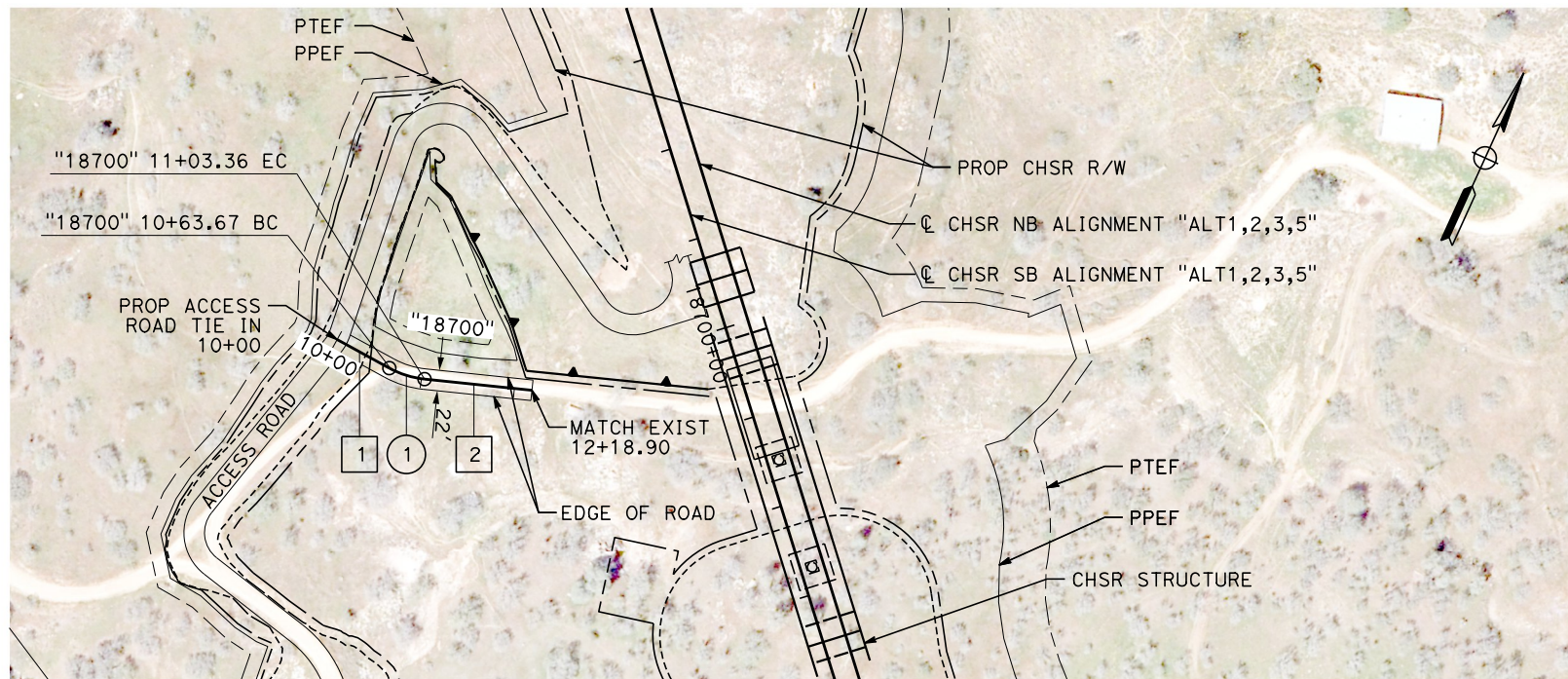


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 ROADWAY
 DIRT ROAD 18495+00
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1074
 SCALE
AS SHOWN
 SHEET NO.

Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1076.dgn

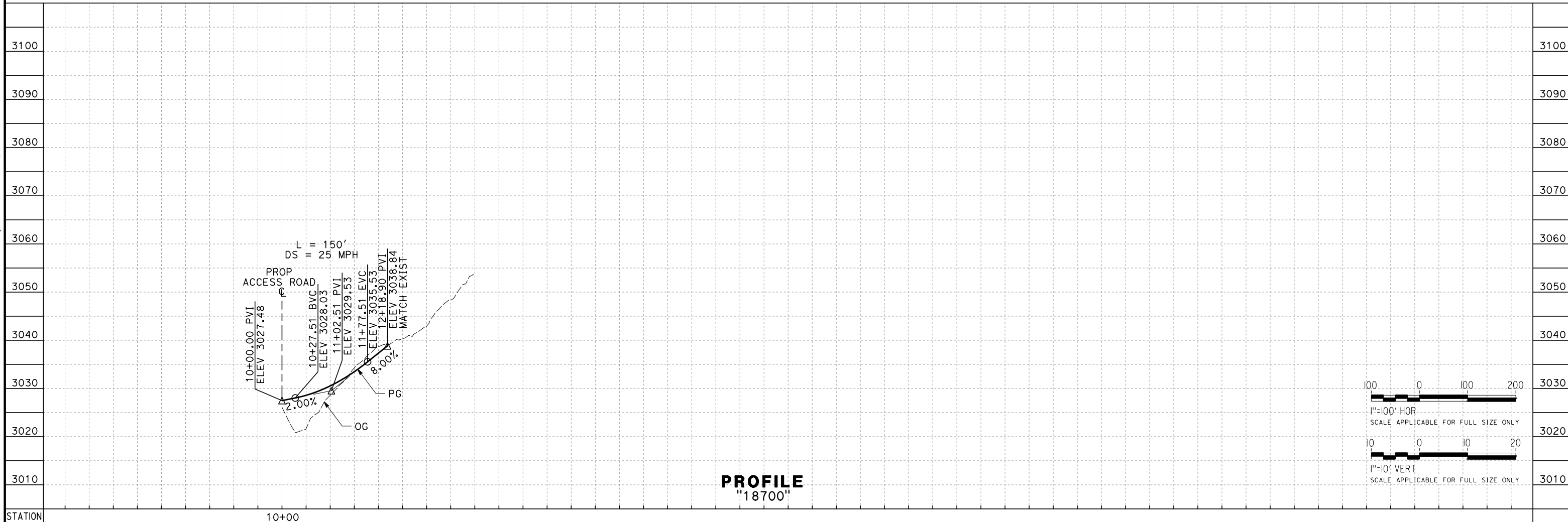
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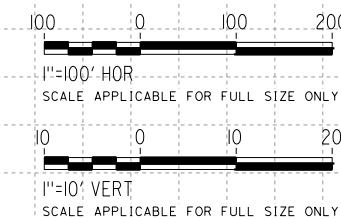
PLAN

LINE DATA		
No.	BEARING	DISTANCE
1	S 85°44'40" E	63.67'
2	N 71°30'59" E	115.55'

CURVE DATA				
No.	R	Δ	T	L
1	100.00'	22°44'21"	20.11'	39.69'



PROFILE
"18700"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

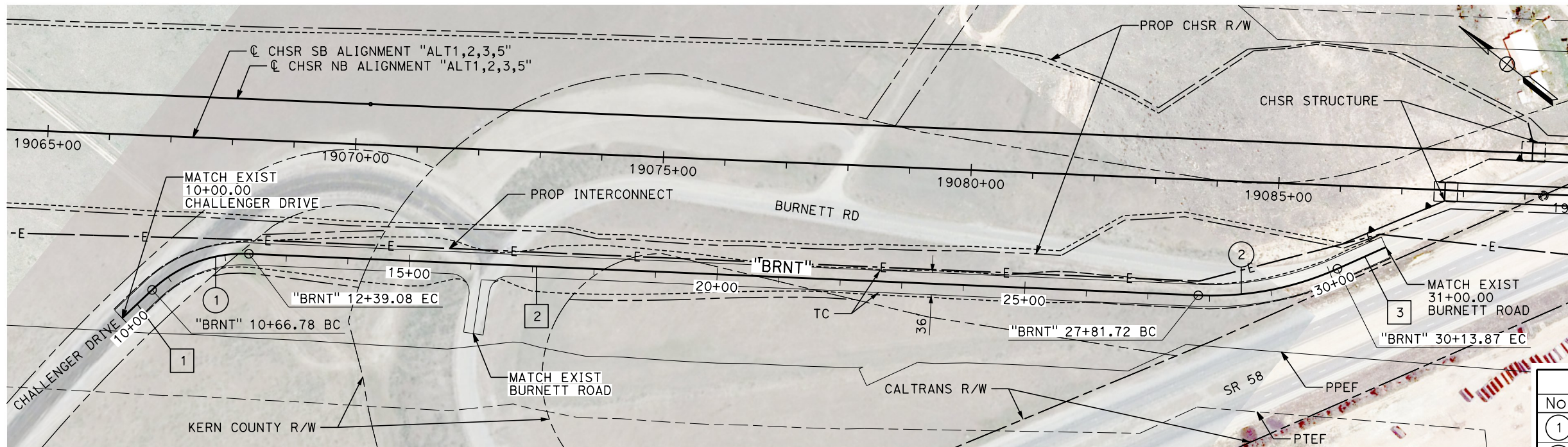
**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



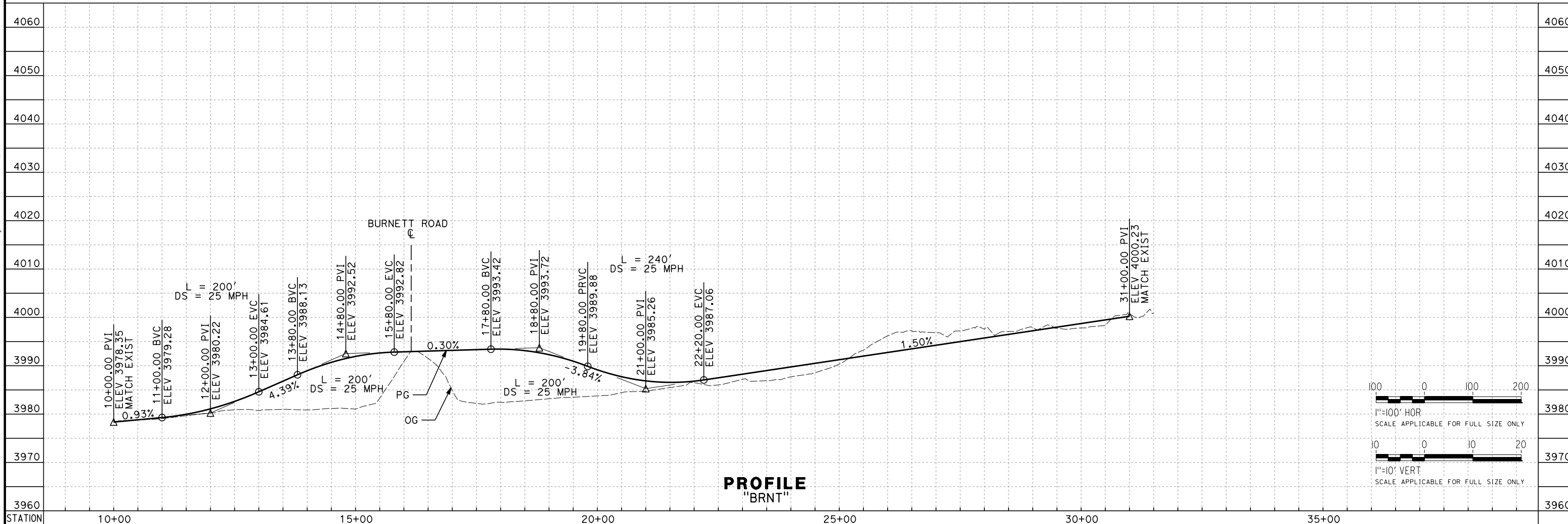
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
DIRT ROAD 18700+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1076
SCALE
AS SHOWN
SHEET NO.



LINE DATA		
No.	BEARING	DISTANCE
1	N 81°51'24" W	66.78'
2	N 33°56'20" W	1542.64'
3	N 62°32'28" W	86.13'

CURVE DATA				
No.	R	Δ	T	L
1	215.00'	45°55'04"	91.08'	172.30'
2	500.00'	26°36'07"	118.21'	232.15'



Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1077.dgn
11/3/2017 4:46:46 PM
OIC:Arivera

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

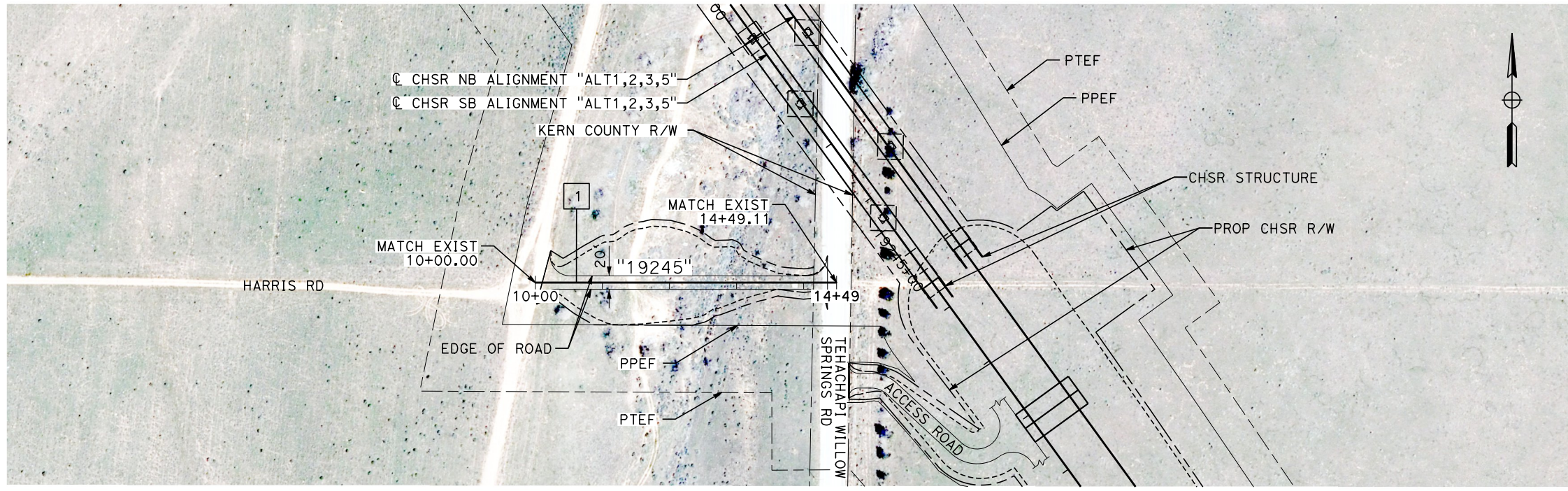
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
BURNETT ROAD
PLAN AND PROFILE

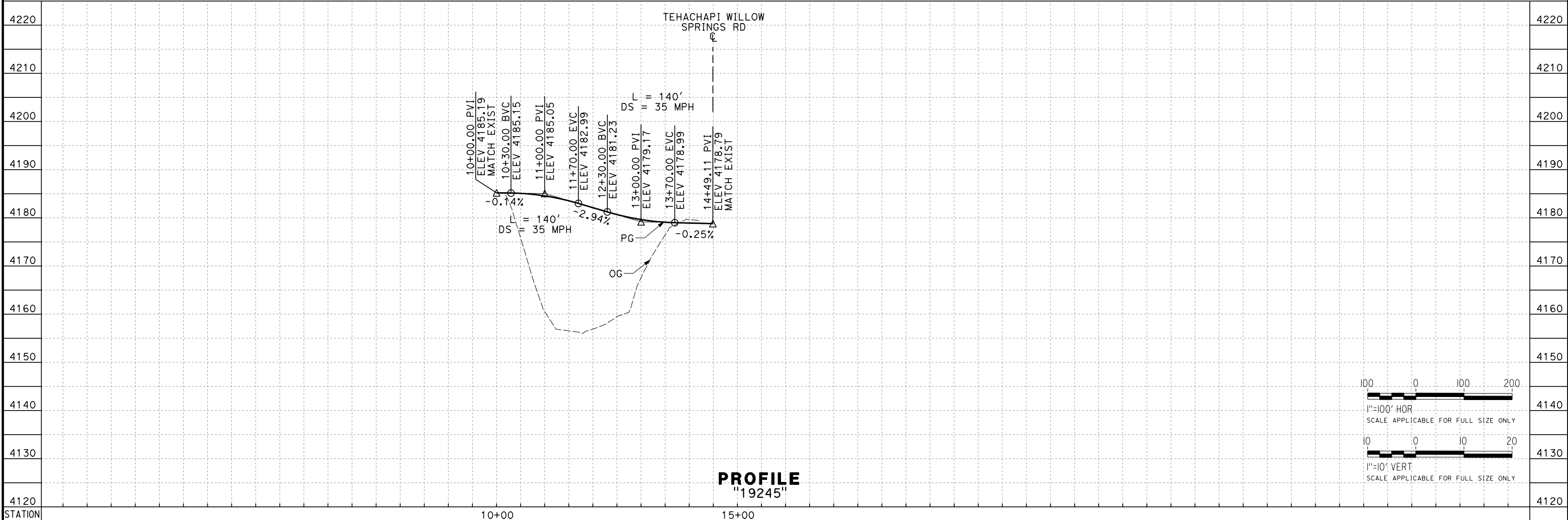
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HSR13-44
DRAWING NO.
CV-R1077
SCALE
AS SHOWN
SHEET NO.

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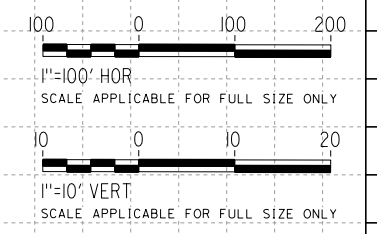


LINE DATA		
No.	BEARING	DISTANCE
1	N 90°00'00" E	449.11'

PLAN



PROFILE
"19245"



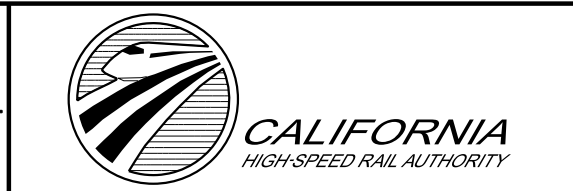
REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL

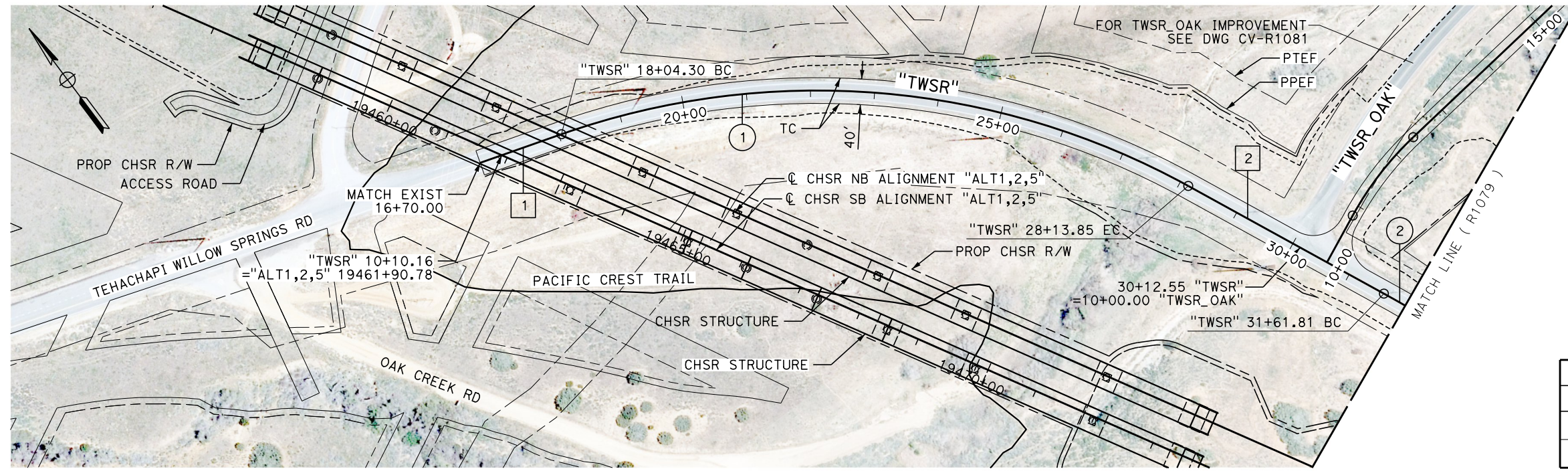


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
ROADWAY
DIRT ROAD 19245+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1077A
SCALE
AS SHOWN
SHEET NO.

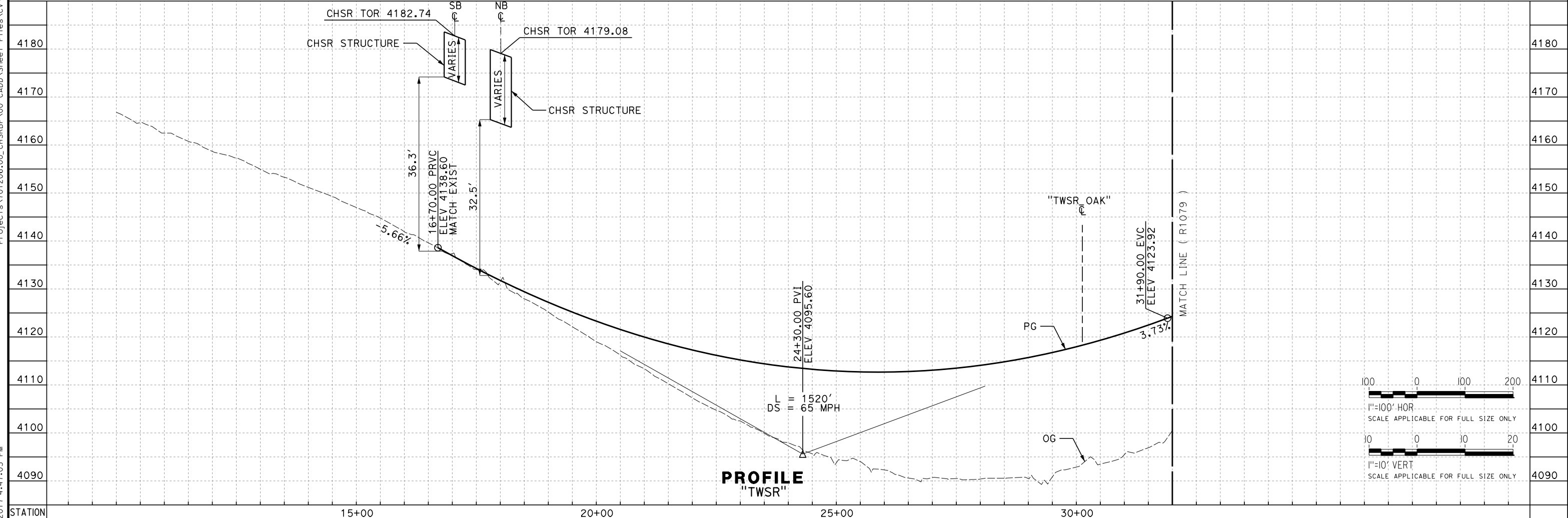
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 OIC:ARivera



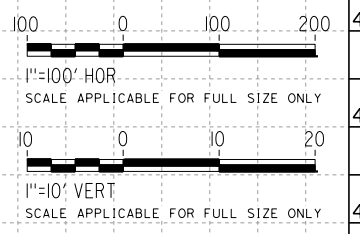
PLAN

LINE DATA		
No.	BEARING	DISTANCE
1	S 72°30'22" E	134.30'
2	S 24°18'14" E	347.96'

CURVE DATA				
No.	R	Δ	T	L
1	1200.00'	48°12'08"	536.81'	1009.54'
2	2000.00'	14°50'45"	260.57'	518.22'



PROFILE
"TWSR"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. RIVERA
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

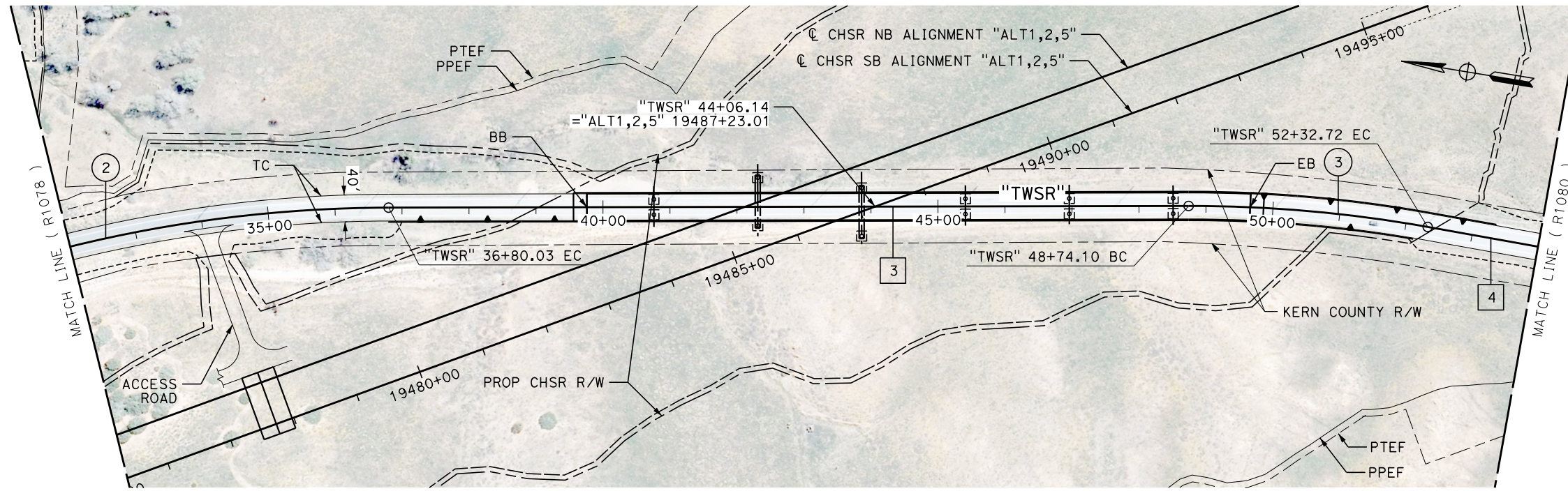
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,5
 ROADWAY
 TEHACHAPI WILLOW SPRINGS ROAD
 PLAN AND PROFILE

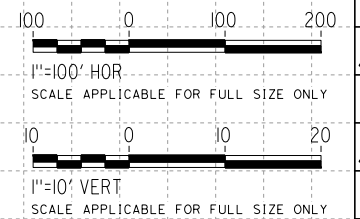
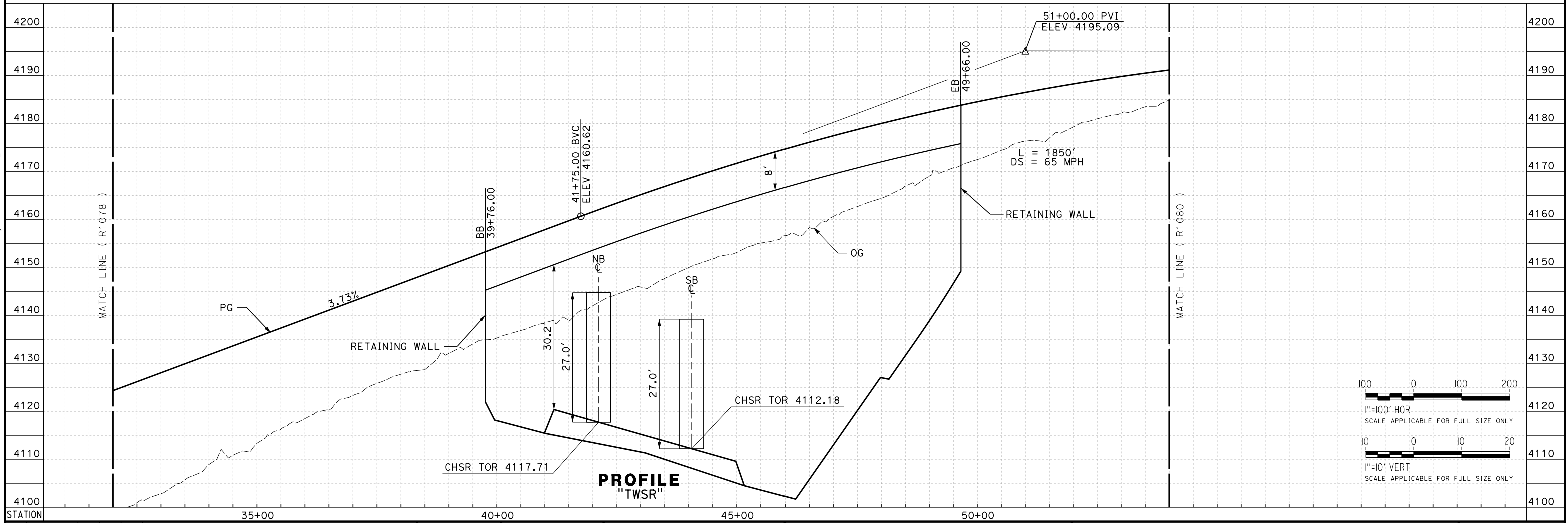
CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1078
 SCALE
AS SHOWN
 SHEET NO.

Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1079.dgn 11/3/2017 4:46:11 PM OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
3	N 9°27'28" W	1194.07'
4	N 0°48'57" E	579.61'

CURVE DATA				
No.	R	Δ	T	L
2	2000.00'	14°50'45"	260.57'	518.22'
3	2000.00'	10°16'25"	179.79'	358.62'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

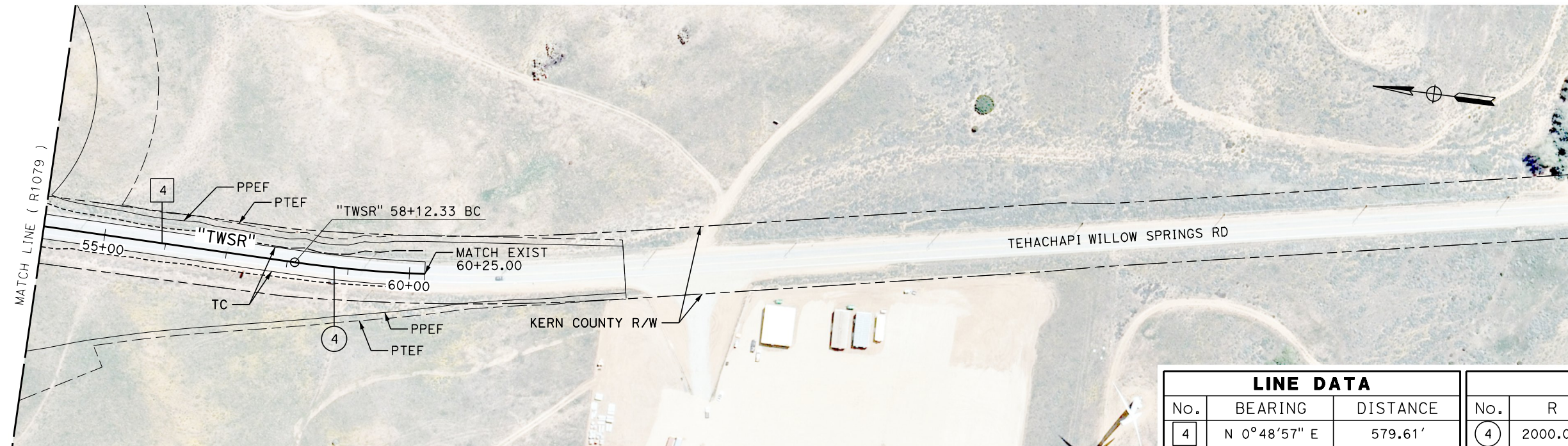
**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,5
ROADWAY
TEHACHAPI WILLOW SPRINGS ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1079
SCALE
AS SHOWN
SHEET NO.

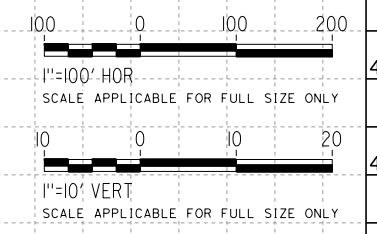
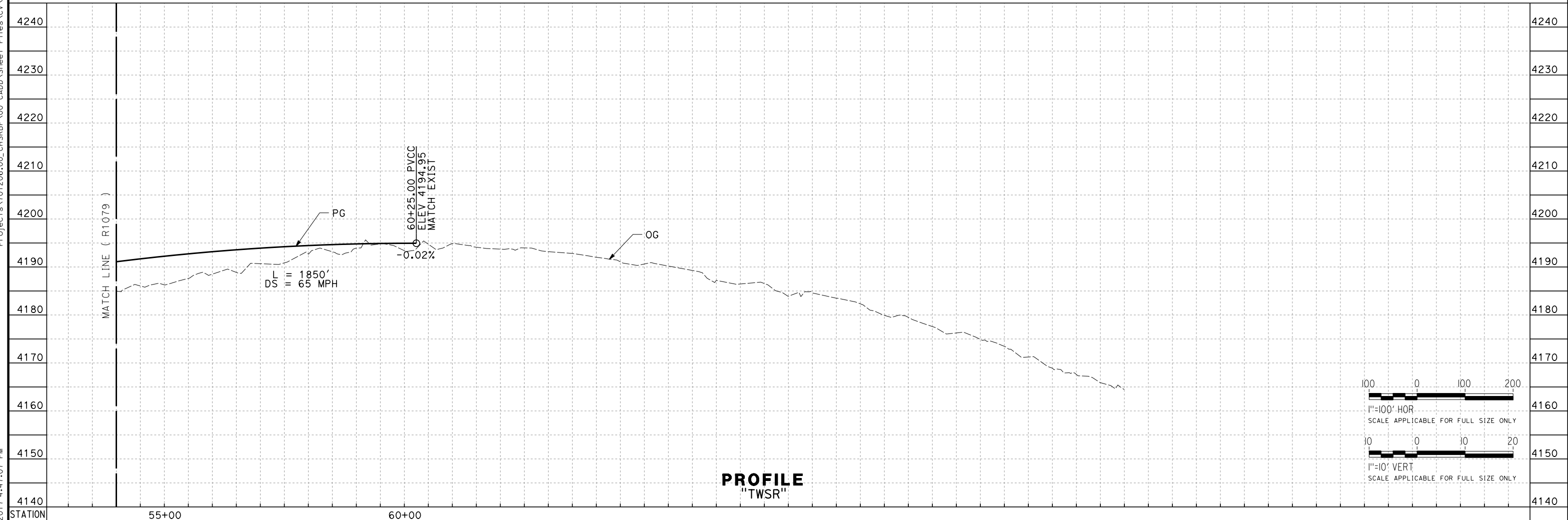
Projects\T01206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1080.dgn 11/3/2017 4:47:07 PM OIC:ARivera



LINE DATA		
No.	BEARING	DISTANCE
4	N 0°48'57" E	579.61'

CURVE DATA				
No.	R	Δ	T	L
4	2000.00'	6°5'34"	106.44'	212.68'

PLAN



PROFILE
"TWSR"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
A. RIVERA
CHECKED BY
G. CAMPBELL
IN CHARGE
S. SMITH
DATE
10/31/2017

**RECORD
PEPD
SUBMITTAL**

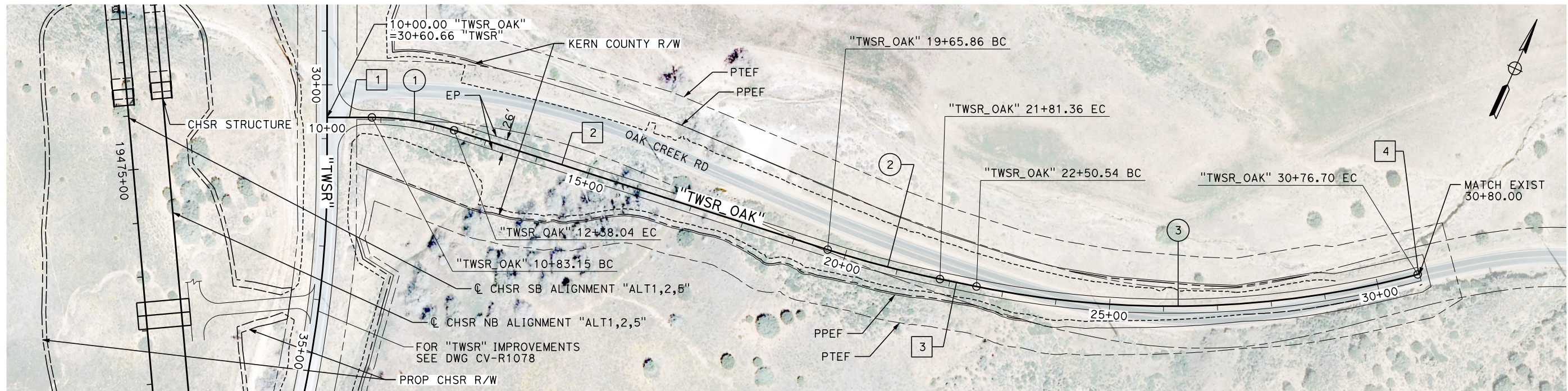
**NOT FOR
CONSTRUCTION**



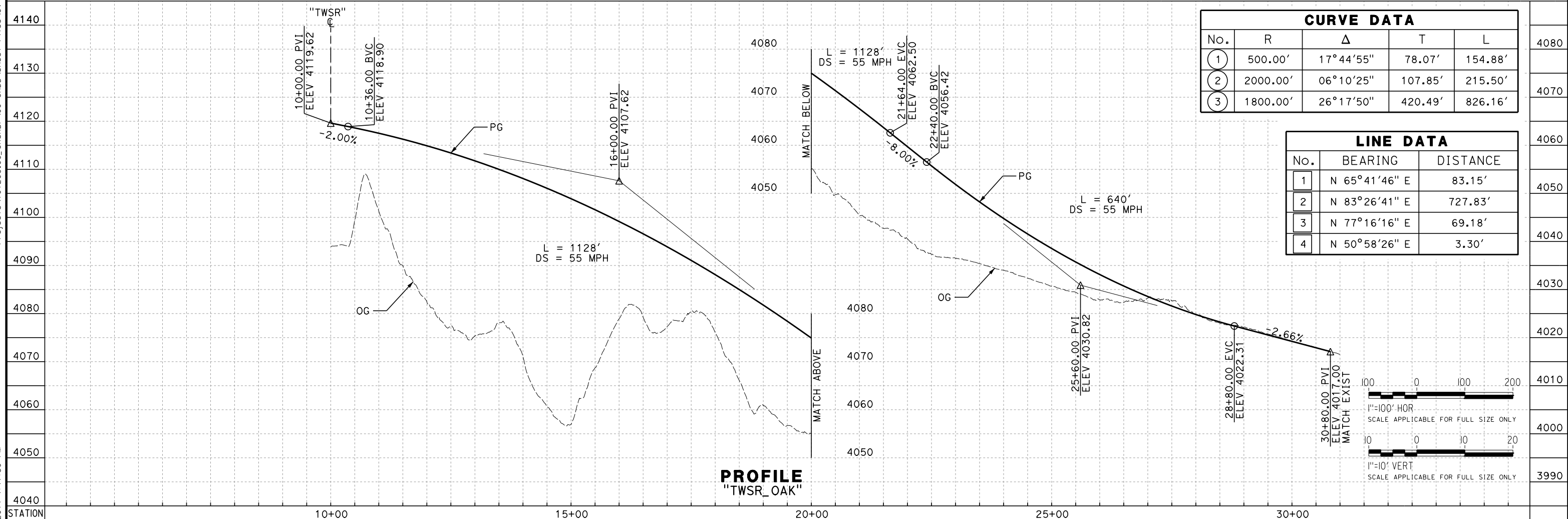
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,5
ROADWAY
TEHACHAPI WILLOW SPRINGS ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1080
SCALE
AS SHOWN
SHEET NO.

Projects\701206\00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1081.dgn
 11/3/2017 4:47:39 PM
 OIC:ARivera



PLAN



PROFILE
"TWSR_OAK"

CURVE DATA				
No.	R	Δ	T	L
1	500.00'	17°44'55"	78.07'	154.88'
2	2000.00'	06°10'25"	107.85'	215.50'
3	1800.00'	26°17'50"	420.49'	826.16'

LINE DATA		
No.	BEARING	DISTANCE
1	N 65°41'46" E	83.15'
2	N 83°26'41" E	727.83'
3	N 77°16'16" E	69.18'
4	N 50°58'26" E	3.30'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
 DRAWN BY
A. RIVERA
 CHECKED BY
G. CAMPBELL
 IN CHARGE
S. SMITH
 DATE
10/31/2017

**RECORD
 PECD
 SUBMITTAL**

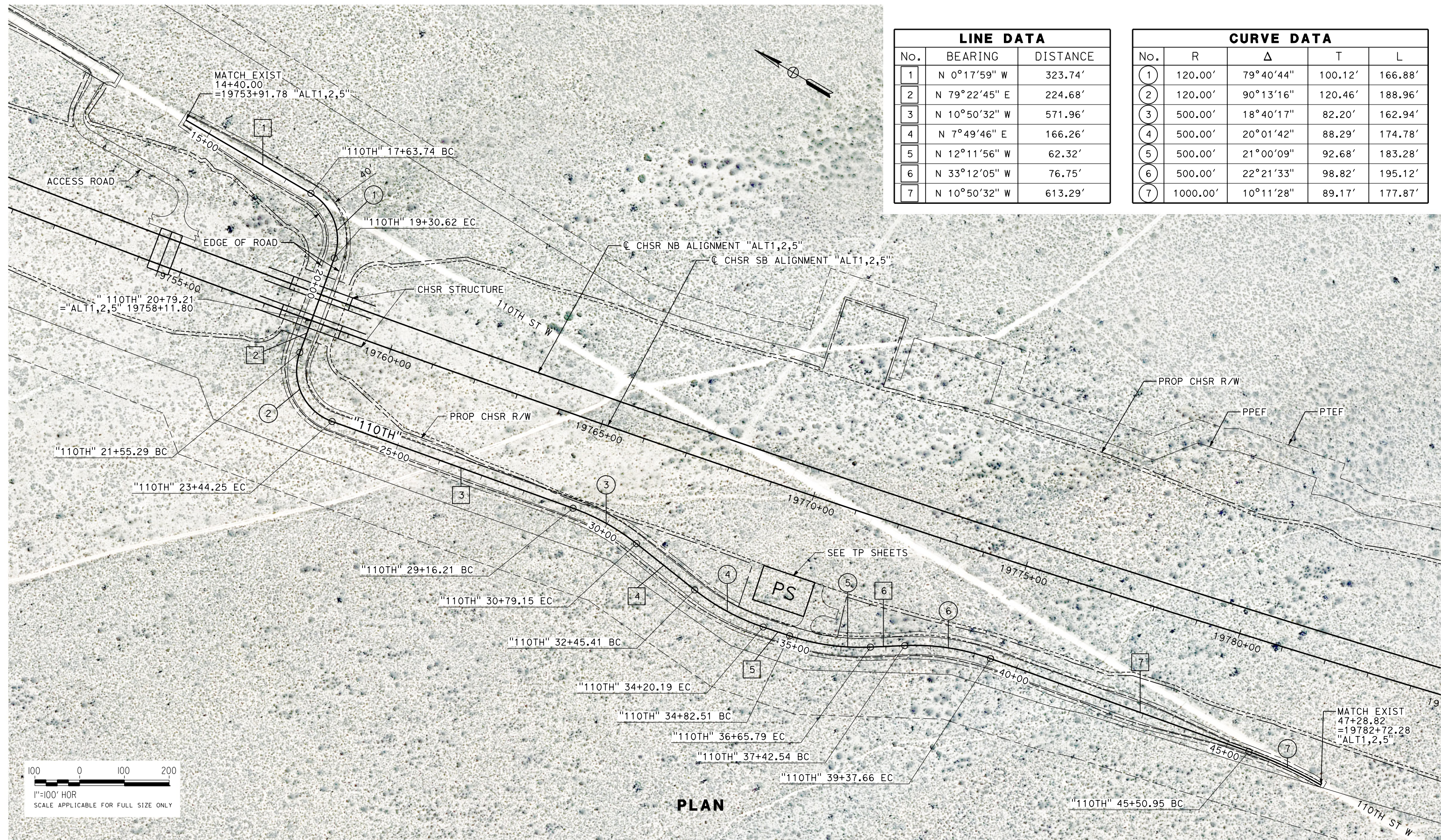
**NOT FOR
 CONSTRUCTION**



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,5
 ROADWAY
 OAK CREEK ROAD
 PLAN AND PROFILE

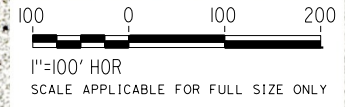
CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1081
 SCALE
AS SHOWN
 SHEET NO.

Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1086.dgn 11/23/2017 5:03:09 PM OIC:Arivera



LINE DATA		
No.	BEARING	DISTANCE
1	N 0°17'59" W	323.74'
2	N 79°22'45" E	224.68'
3	N 10°50'32" W	571.96'
4	N 7°49'46" E	166.26'
5	N 12°11'56" W	62.32'
6	N 33°12'05" W	76.75'
7	N 10°50'32" W	613.29'

CURVE DATA				
No.	R	Δ	T	L
1	120.00'	79°40'44"	100.12'	166.88'
2	120.00'	90°13'16"	120.46'	188.96'
3	500.00'	18°40'17"	82.20'	162.94'
4	500.00'	20°01'42"	88.29'	174.78'
5	500.00'	21°00'09"	92.68'	183.28'
6	500.00'	22°21'33"	98.82'	195.12'
7	1000.00'	10°11'28"	89.17'	177.87'



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
D. HOLMAN
DRAWN BY
C. KATZENSTEIN
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 1,2,5
ROADWAY
110TH STREET
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1086
SCALE
AS SHOWN
SHEET NO.