

Bakersfield to Palmdale

ROADWAY (PLAN AND PROFILE)
RECORD SET PEPD
DESIGN SUBMISSION
JANUARY 2021



ROADWAY

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

ROADWAY

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

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

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

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B0003
SCALE
AS SHOWN
SHEET NO.
3

ROADWAY

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

ROADWAY

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

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

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

ROADWAY

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

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SHEET NO.
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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 NORTHERN & 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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**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**

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

CONTRACT NO.
HSR13-44
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CV-B0006
 SCALE
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6

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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
 MOWF MAINTENANCE OF WAY FACILITY
 MOWS MAINTENANCE OF WAY 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

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

CONTRACT NO.
HSR13-44
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 SCALE
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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

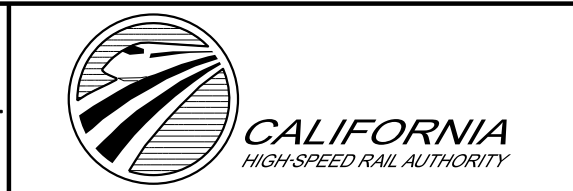
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ALTERNATIVE 1,2,3,5
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 SHEET 3 OF 3

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 8

LEGEND:

PLAN

SECTION NUMBER

DRAWING NUMBER

XX CURVE DATA (ALIGNMENTS,ROADWAYS)

XX LINE DATA (ALIGNMENTS,ROADWAYS)

NORTH ARROW

EXIST RIGHT OF WAY

LIMITS OF EXCAVATION (CUT)

LIMITS OF EMBANKMENT (FILL)

FAULT ZONE

EXIST CALTRANS RIGHT OF WAY

EXIST RETAINING WALL

PPEF

PROPOSED COLUMN/FOOTING

PROPOSED FENCE

PROPOSED RETAINING WALL

PROPOSED CONCRETE BARRIER

PROPOSED RIGHT OF WAY

PROPOSED TUNNEL

PTEF

SRS

STANDALONE RADIO SITE

A AUTOMATIC TRAIN CONTROL SYSTEM SITE A

B AUTOMATIC TRAIN CONTROL SYSTEM SITE B

D AUTOMATIC TRAIN CONTROL SYSTEM SITE D

PLAN

E AUTOMATIC TRAIN CONTROL SYSTEM SITE E

TRACK CROSSING PANEL

SS SUPPLY STATION

SWS SWITCHING STATION

PS PARALLELING STATION

UTILITIES

w EXISTING AQUEDUCT

e EXISTING ELECTRICAL TRANSMISSION

gs EXISTING GAS LINE

PROFILE

ORIGINAL GROUND

PROPOSED CHSR ELEVATION

STRUCTURAL CLEARANCE ENVELOPE

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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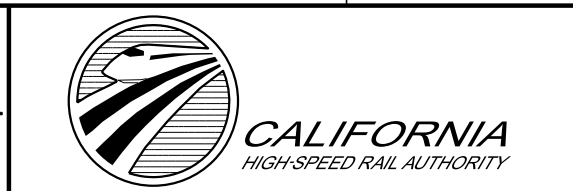
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BAKERSFIELD TO PALMDALE**

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

CONTRACT NO.
HSR13-44

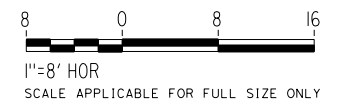
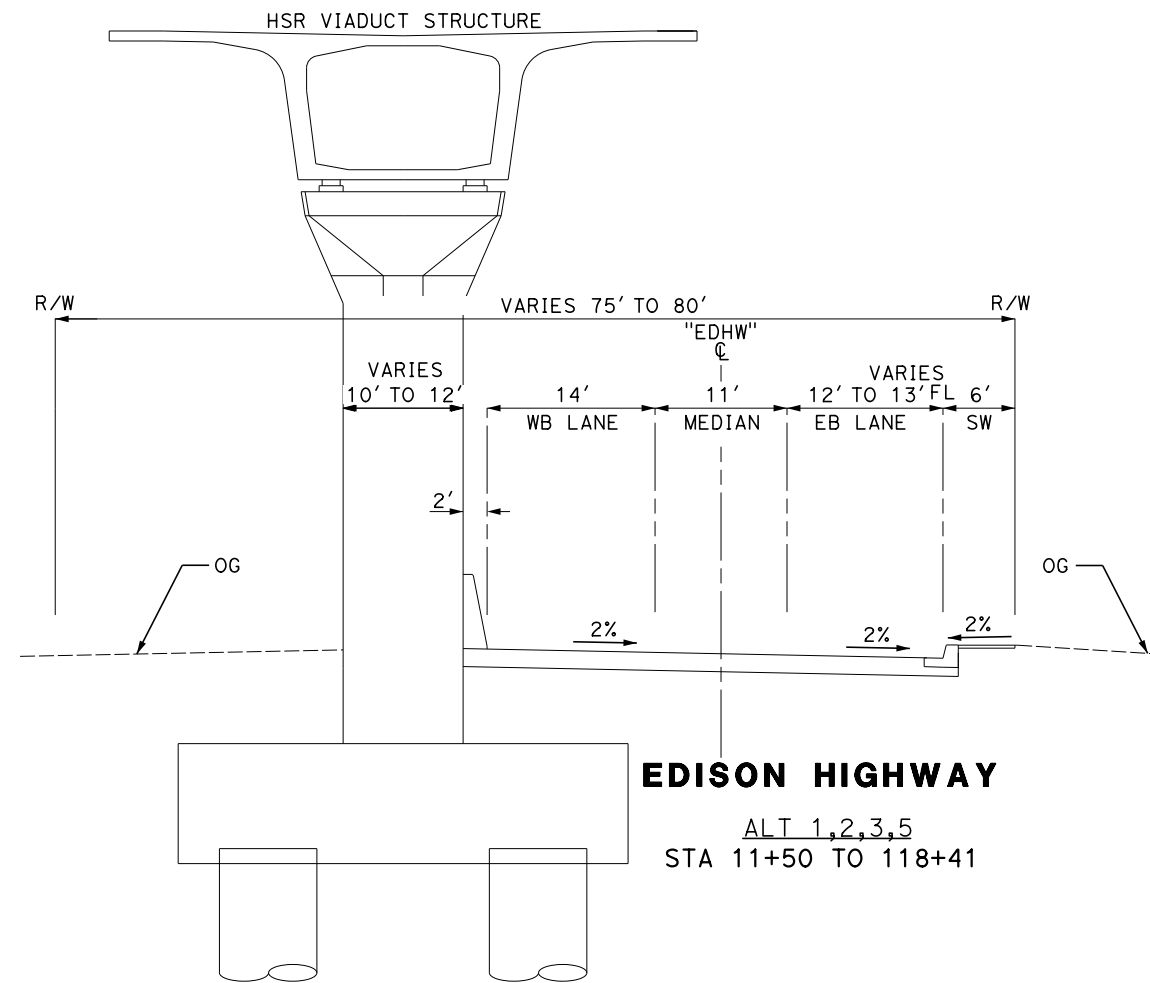
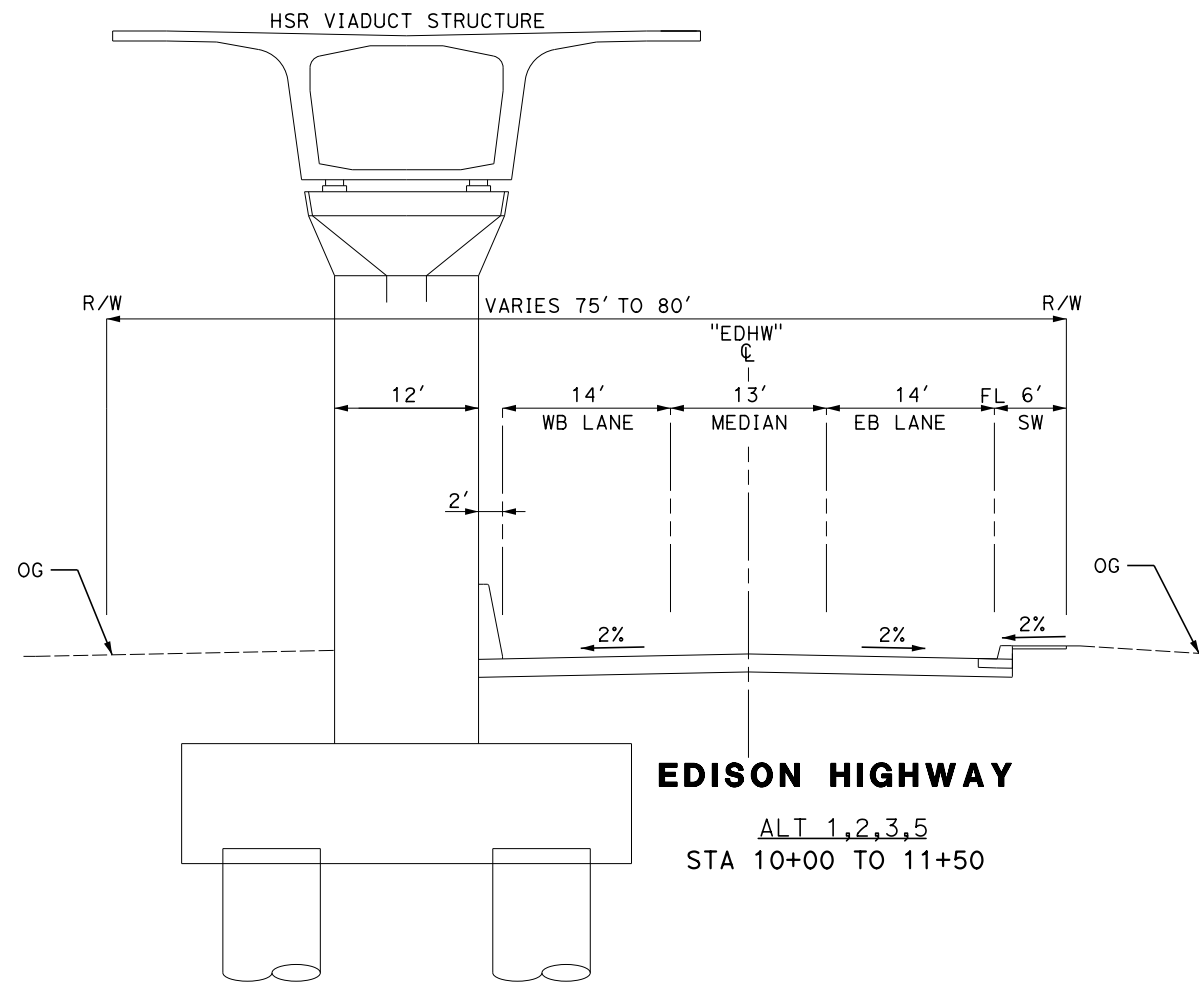
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CONSTRUCTION

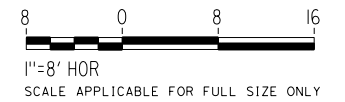
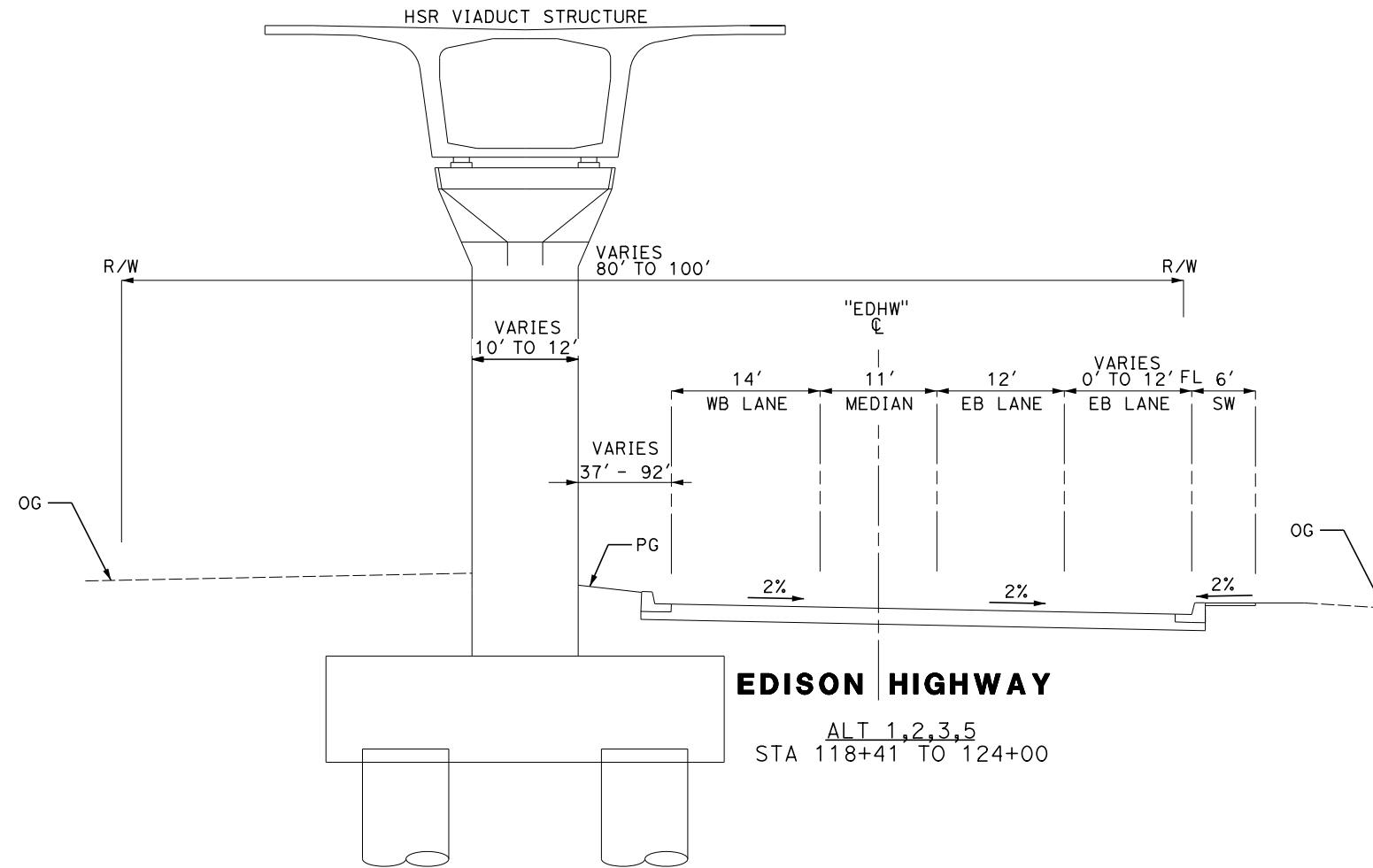


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3001
SCALE
AS SHOWN
SHEET NO.
10

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3002

eia.ina.baldwin@tylin.com 2:15:22 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
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

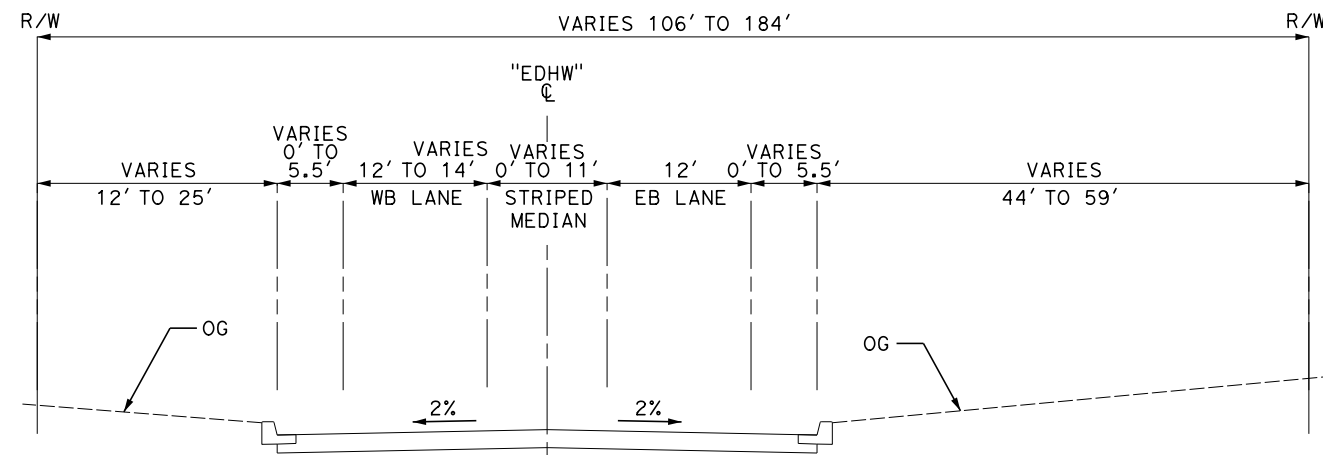
DRAWING NO.
CV-B3002

SCALE
AS SHOWN

SHEET NO.
11

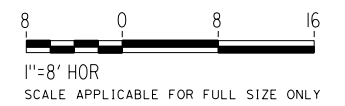
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EDISON HIGHWAY

ALT 1,2,3,5
STA 124+00 TO 138+42



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
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

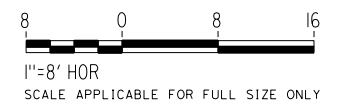
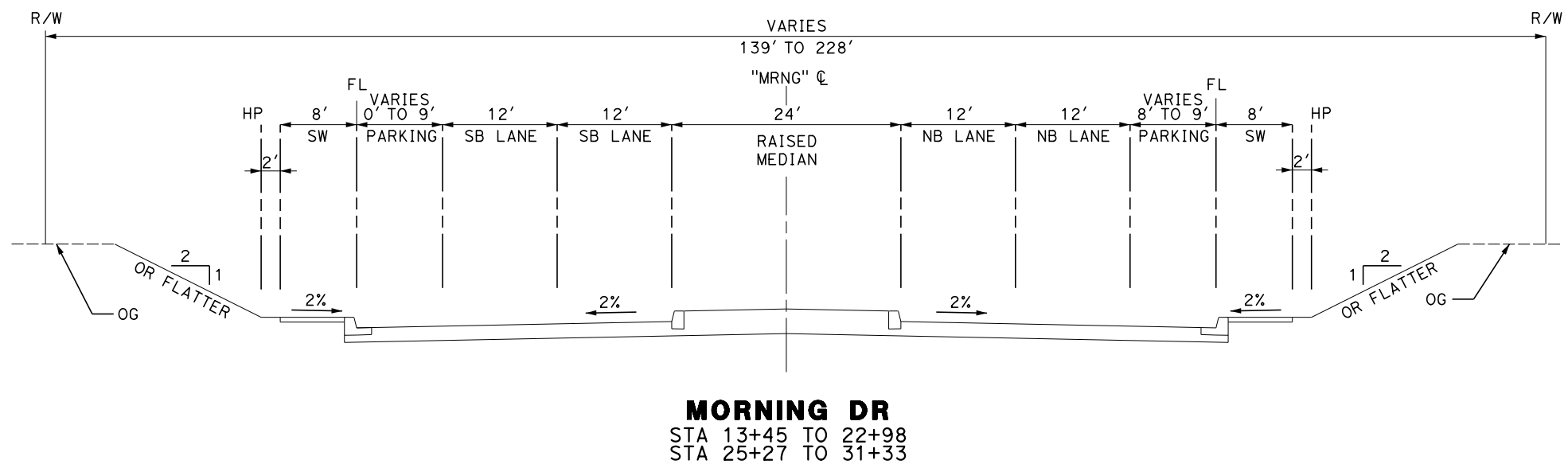
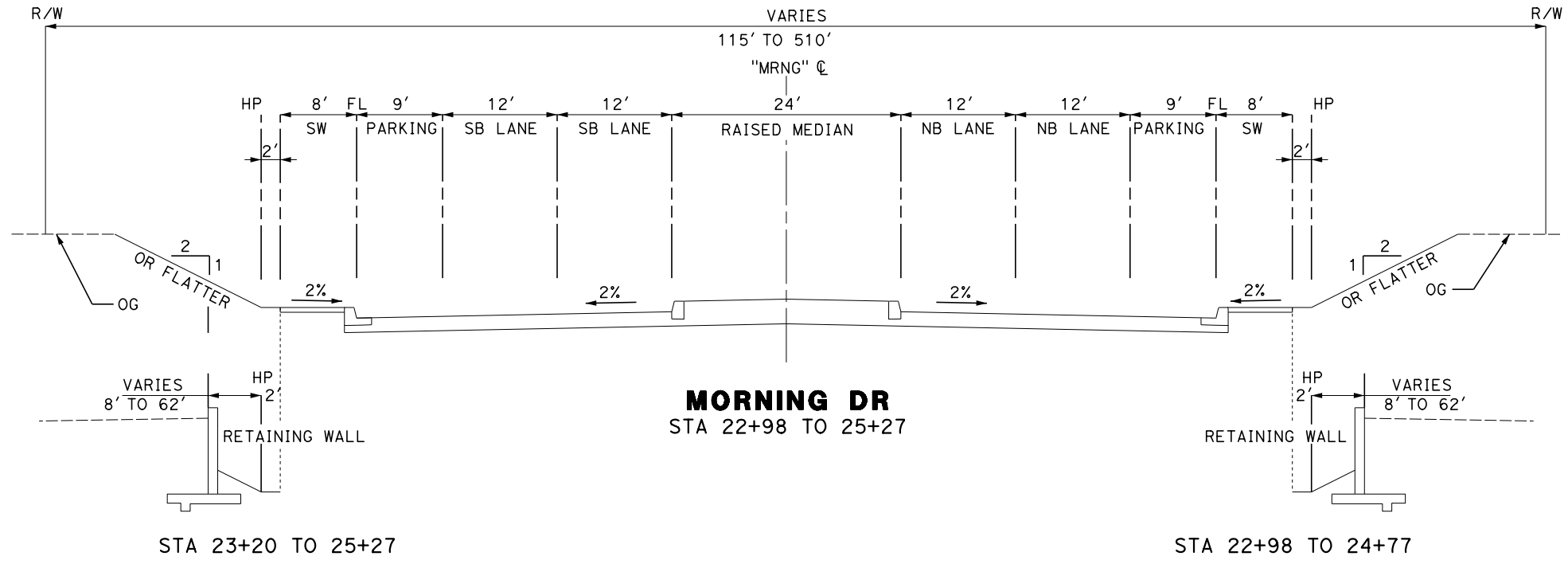
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CV-B3003

SCALE
AS SHOWN

SHEET NO.
12

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

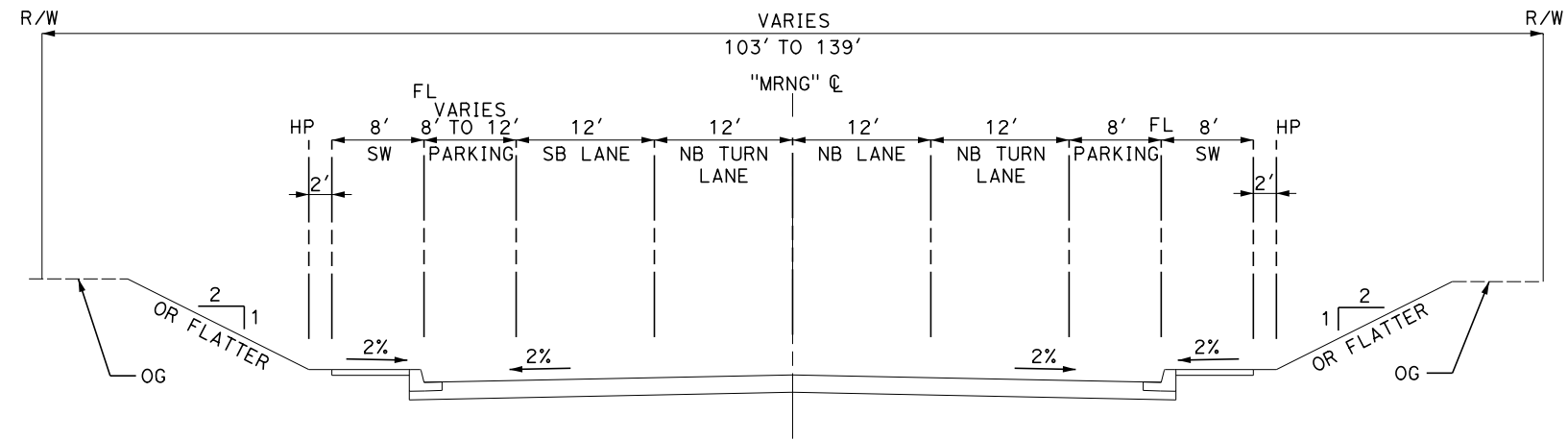


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

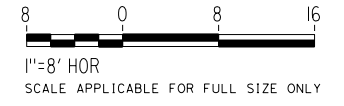
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HSR13-44
DRAWING NO.
CV-B3004
SCALE
AS SHOWN
SHEET NO.
13

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MORNING DR
STA 31+33 TO 34+05



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

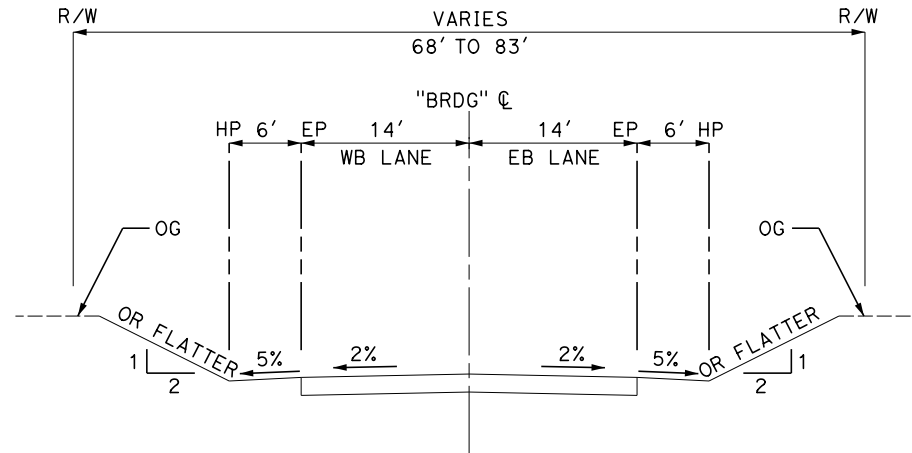


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

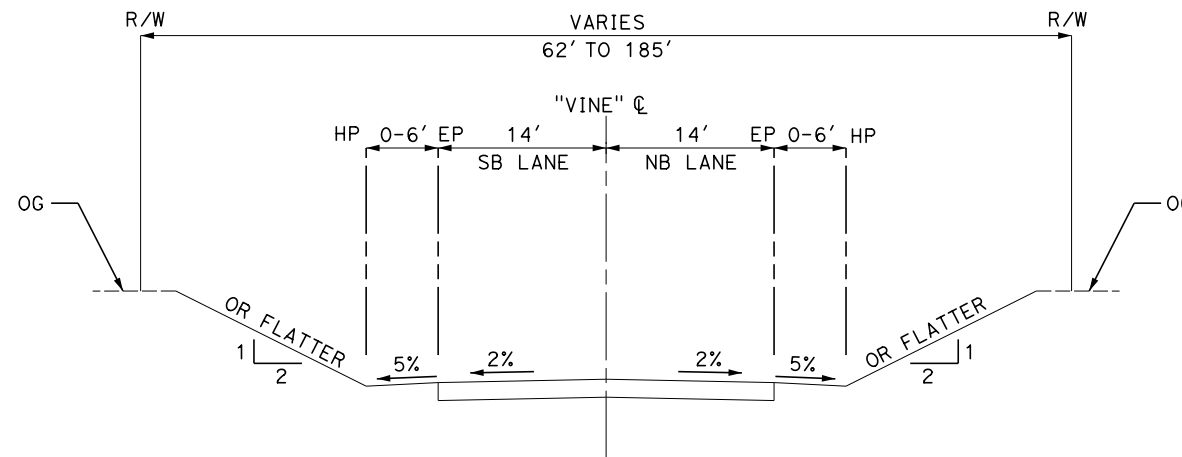
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HSR13-44
DRAWING NO.
CV-B3005
SCALE
AS SHOWN
SHEET NO.
14

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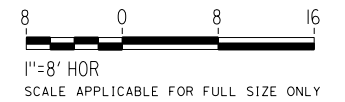
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BRUNDAGE LN
STA 12+74 TO 38+40



VINELAND RD
STA 13+55 TO 24+00



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

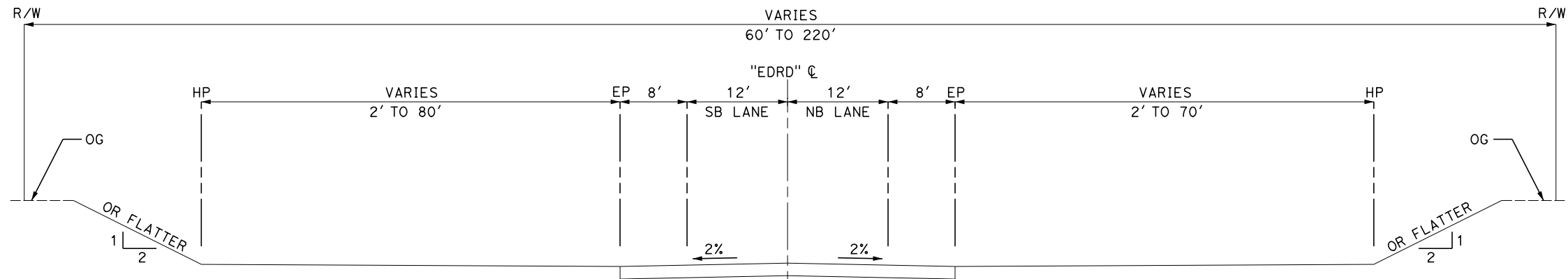
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PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

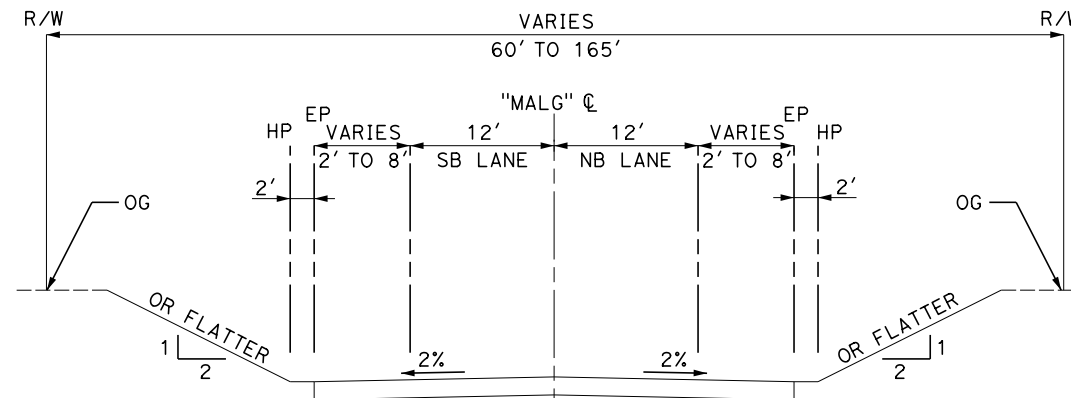


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

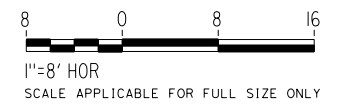
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3006
SCALE
AS SHOWN
SHEET NO.
15



EDISON RD
STA 13+00 TO 30+80



MALAGA RD
STA 19+25 TO 37+00



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3007

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

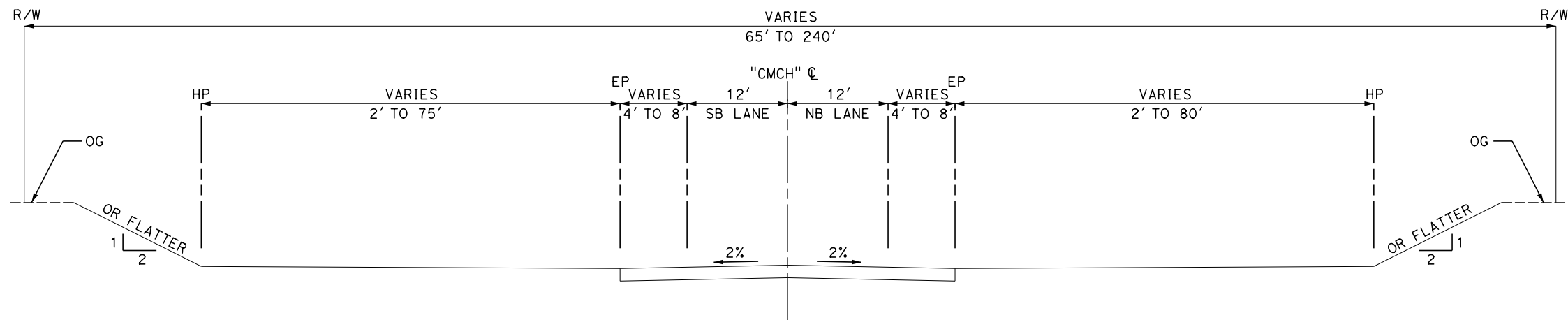
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PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

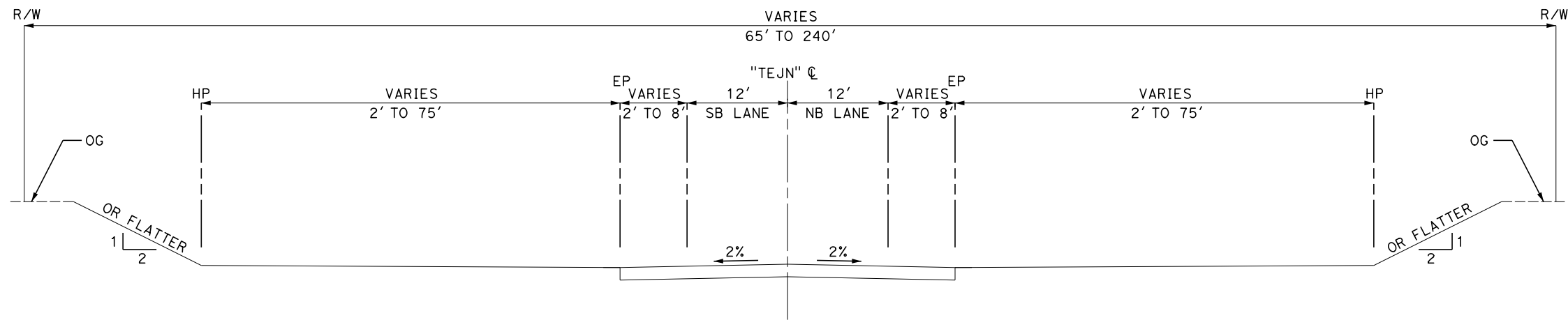


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

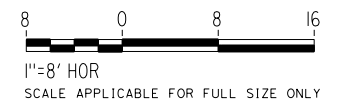
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3007
SCALE
AS SHOWN
SHEET NO.
16



COMANCHE DR
STA 16+50 TO 35+50



TEJON HWY
STA 19+00 TO 37+85



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3008

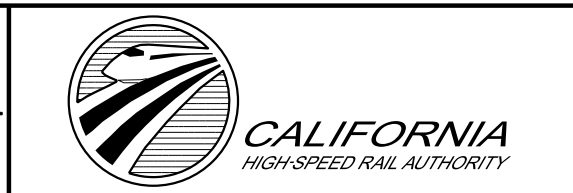
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

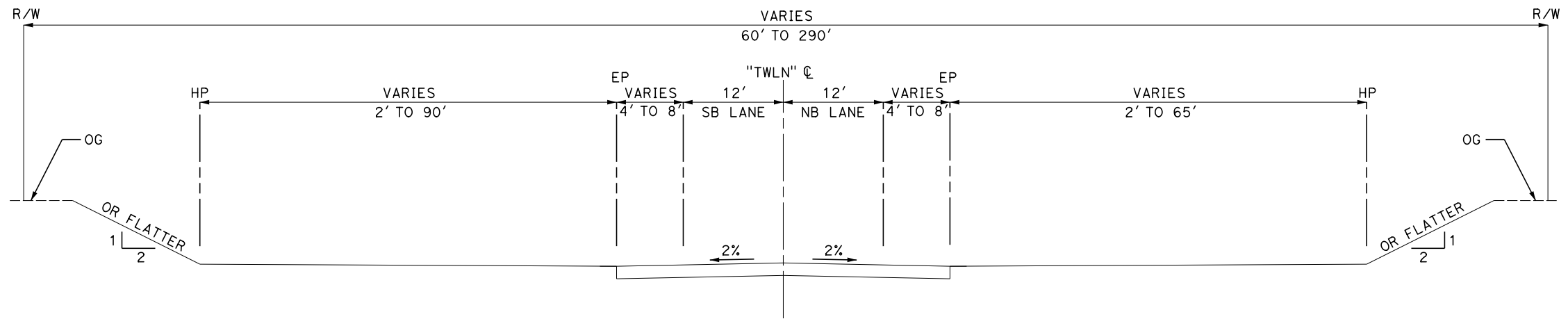
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NOT FOR
CONSTRUCTION

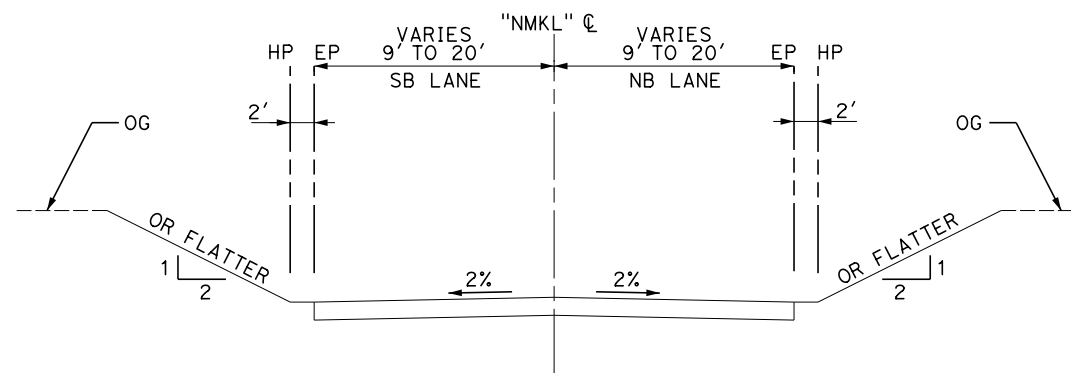


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

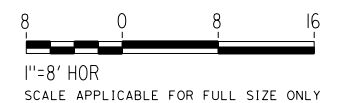
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3008
SCALE
AS SHOWN
SHEET NO.
17



TOWERLINE RD
STA 13+50 TO 36+25



NEUMARKEL RD
STA 13+50 TO 29+00



Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3009

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

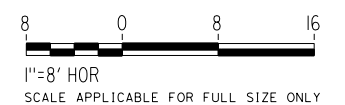
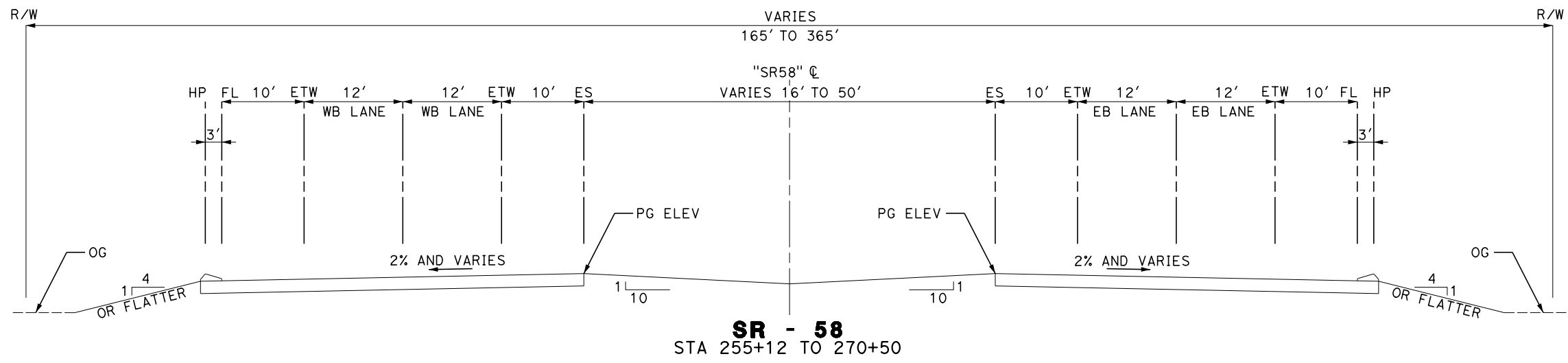
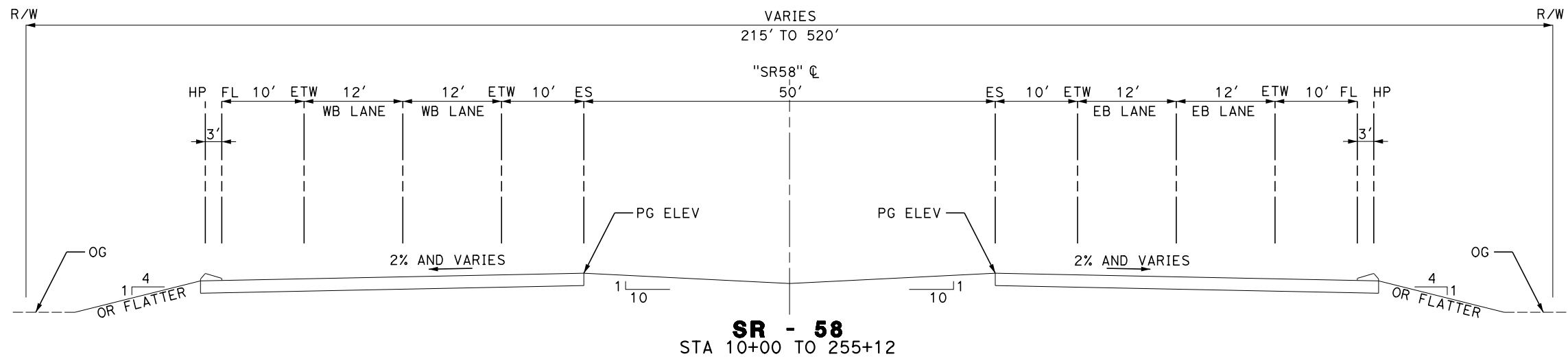


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3009
SCALE
AS SHOWN
SHEET NO.
18

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

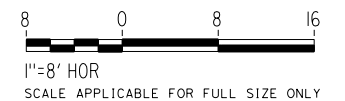
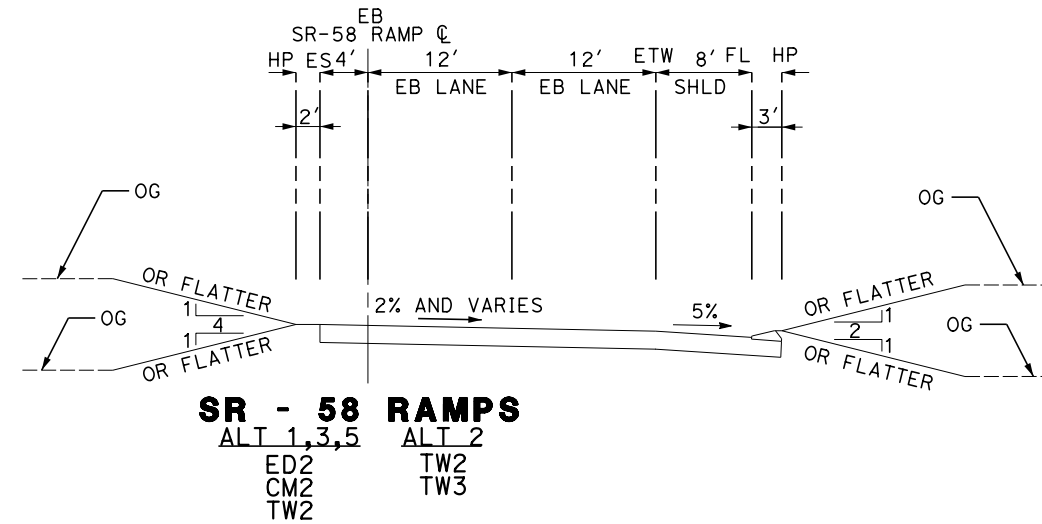
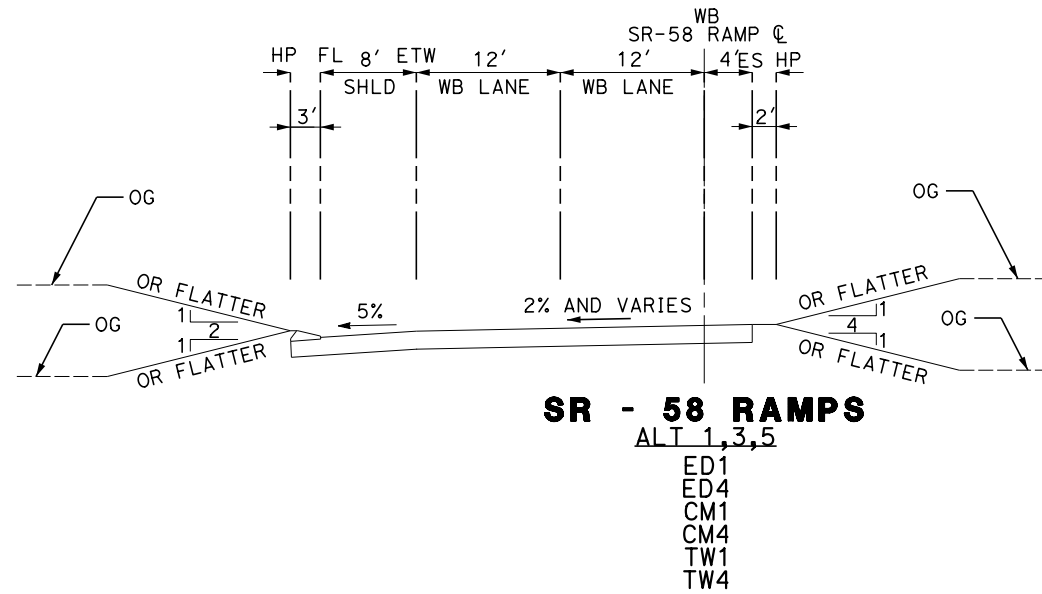
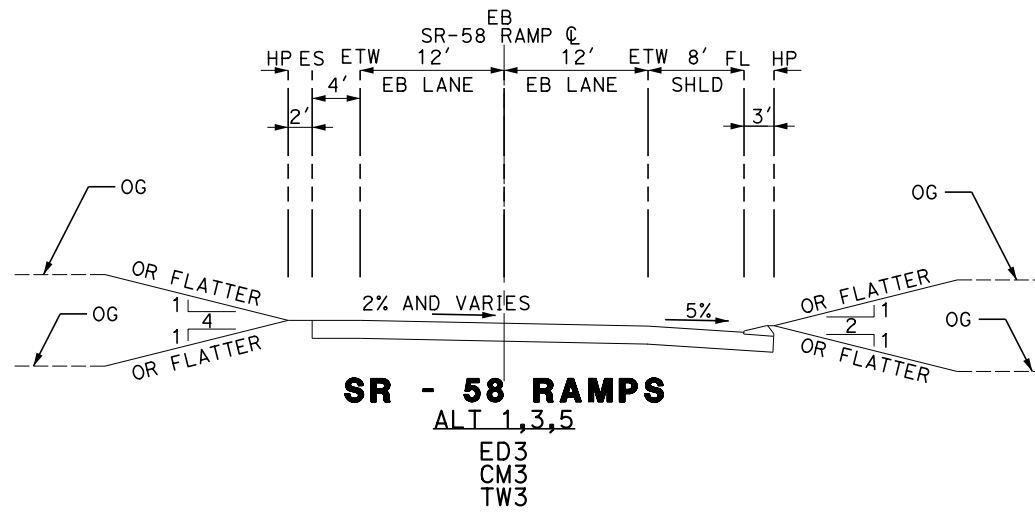
ALTERNATIVE 1,3,5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-B3010

SCALE
AS SHOWN

SHEET NO.
19



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION



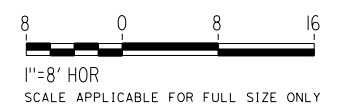
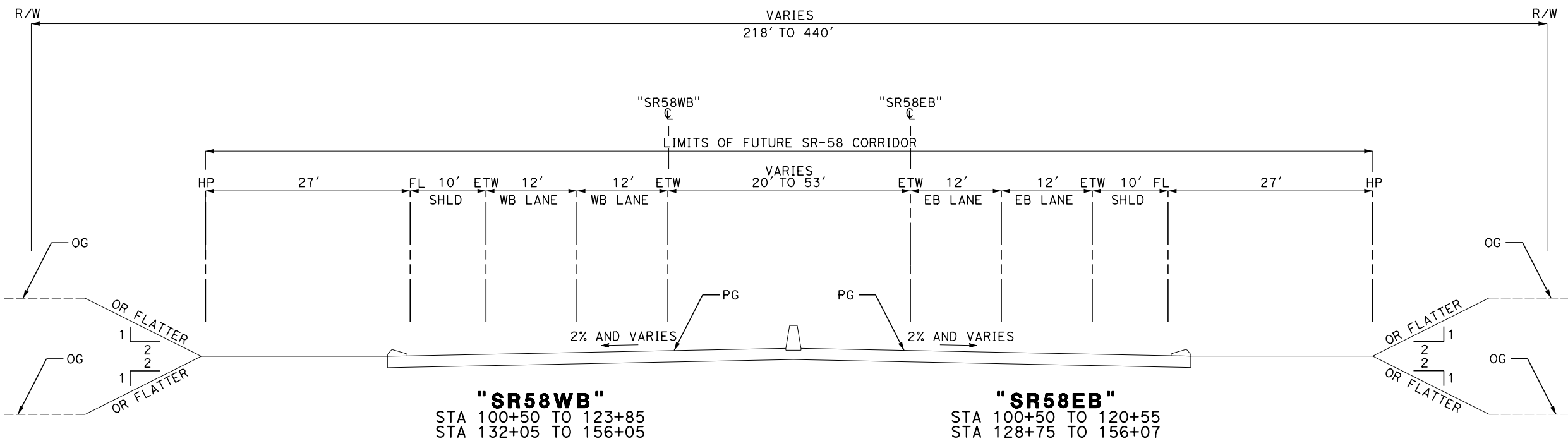
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

DRAWING NO.
CV-B3011

SCALE
AS SHOWN

SHEET NO.
20



Projects\T01206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-B3051

eia\ina.baldwin@tylin.com 2/15/2021 2:15:29 AM

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

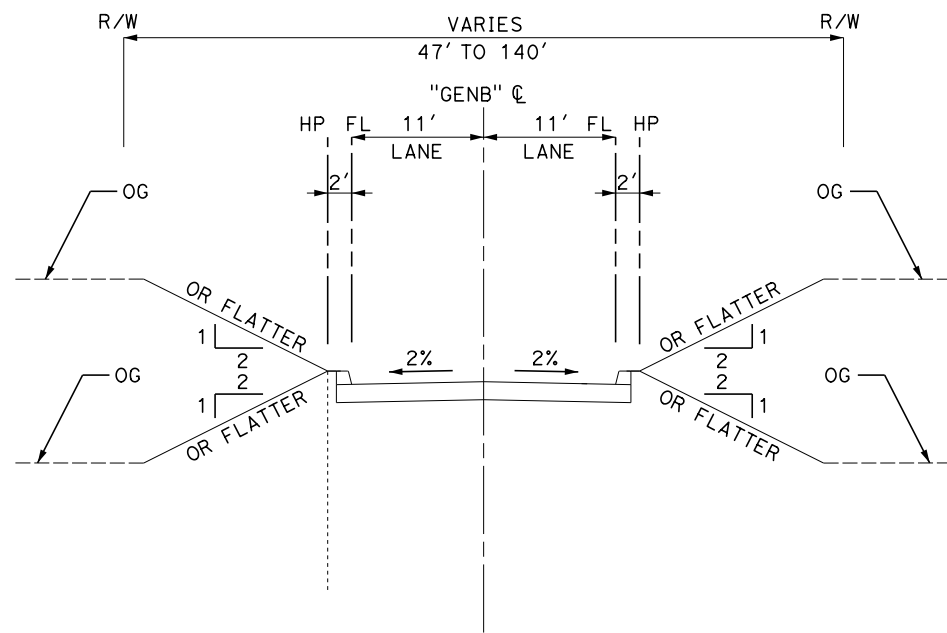
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PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

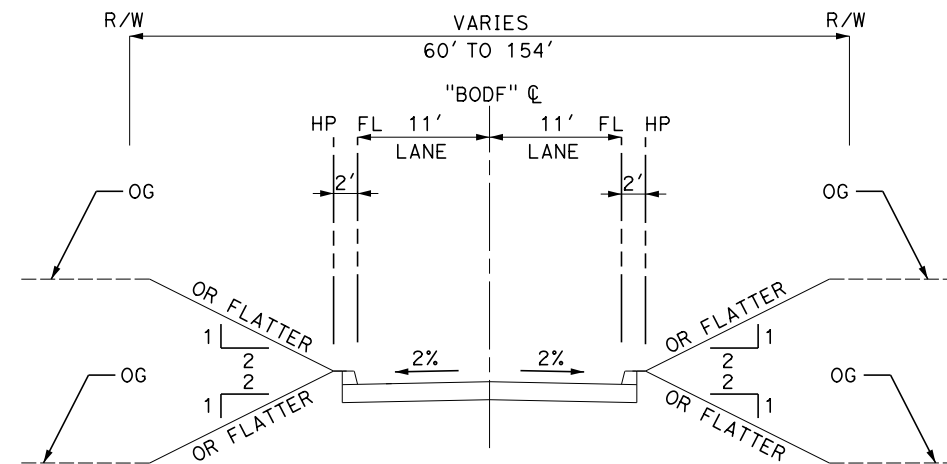


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

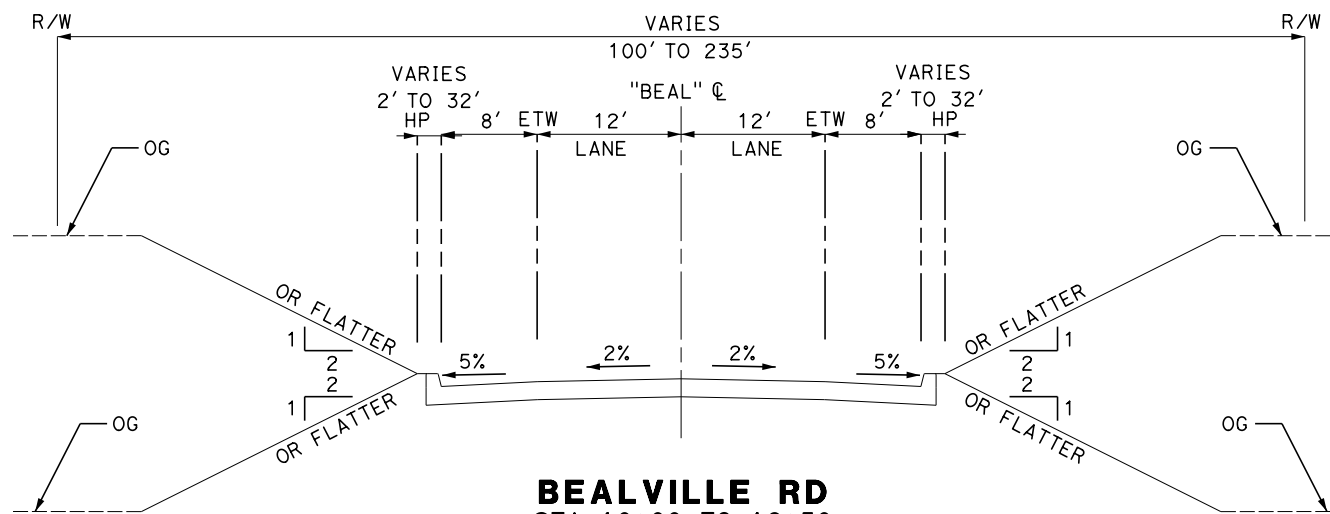
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HSR13-44
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CV-B3051
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AS SHOWN
SHEET NO.
21



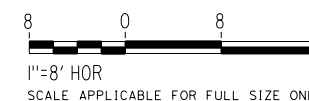
GENERAL BEALE RD
 STA 10+00 TO 76+49
 STA 80+27 TO 90+85



CALIENTE BODFISH RD
 STA 18+26 TO 34+43



BEALVILLE RD
 STA 10+00 TO 16+50
 STA 19+88 TO 40+00



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

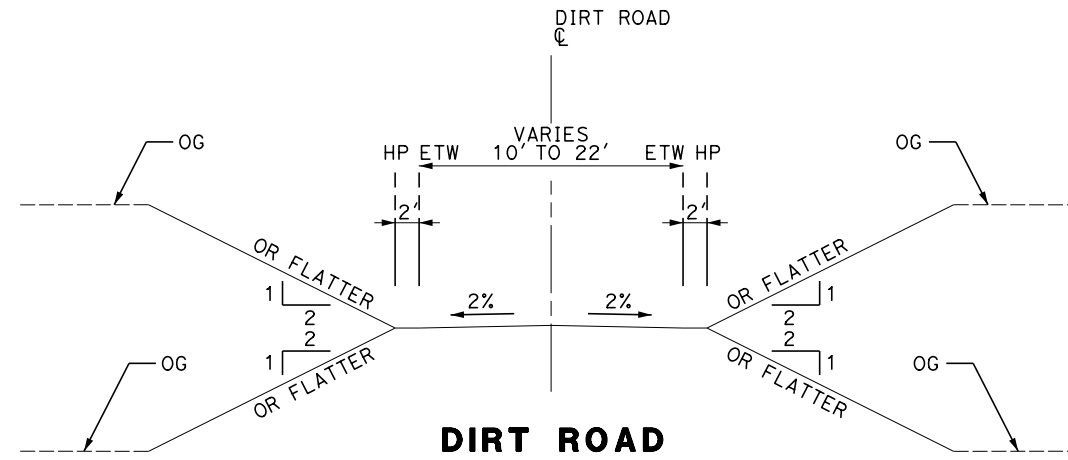


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3053
 SCALE
AS SHOWN
 SHEET NO.
22

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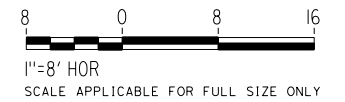
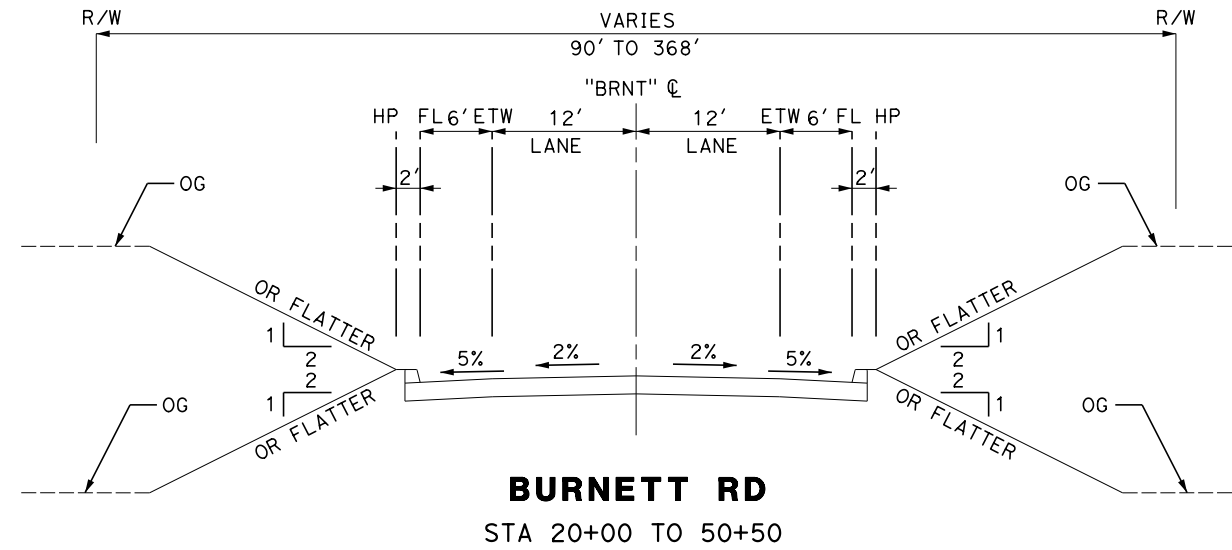
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ALT 1,2,3,5	ALT 3
"18125"	"19690"
"18206"	
"18242"	
"18495"	
"18700"	
"19003"	
"19245"	

NOTE:

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



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
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

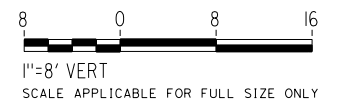
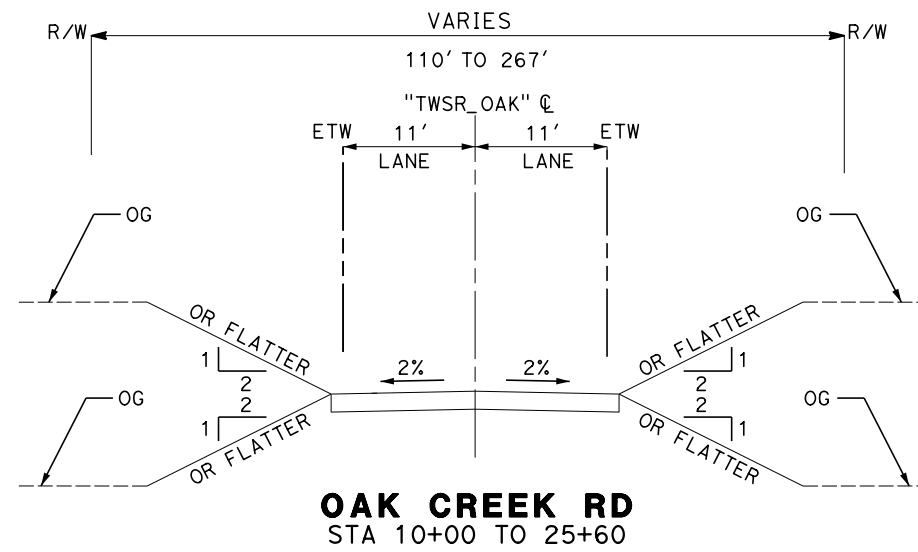
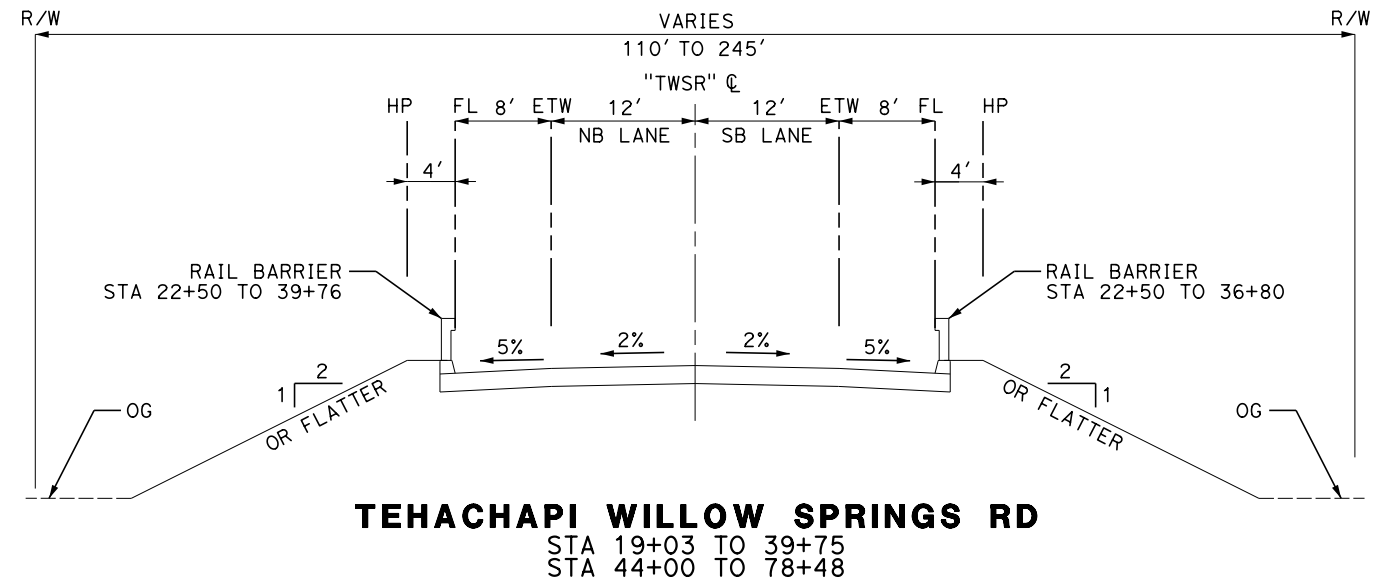
DRAWING NO.
CV-B3054

SCALE
AS SHOWN

SHEET NO.
23

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

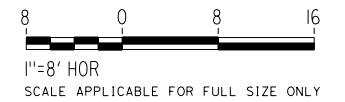
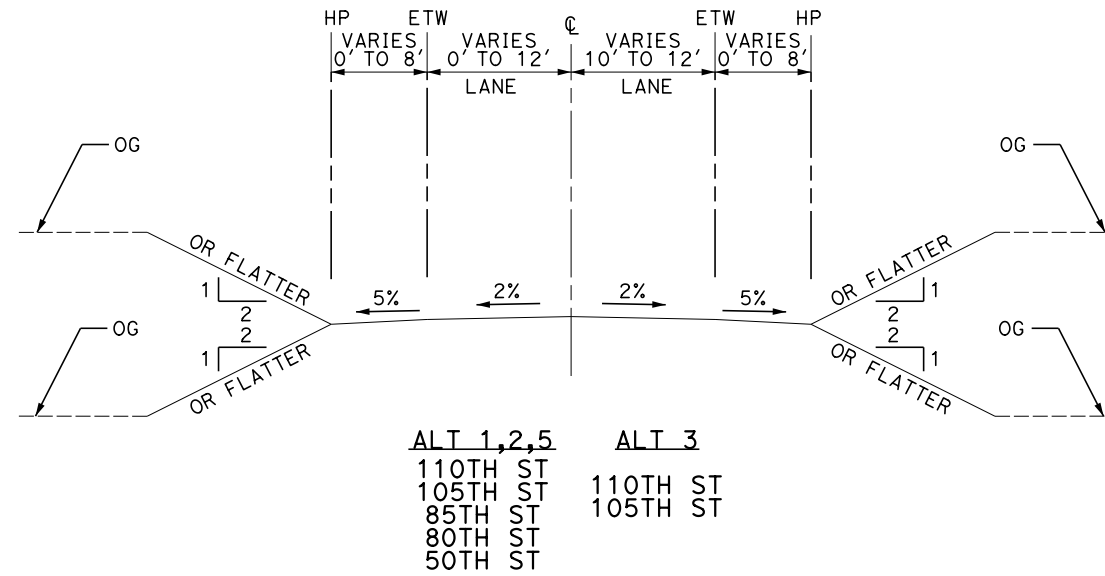


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3055
 SCALE
AS SHOWN
 SHEET NO.
24

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3056

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



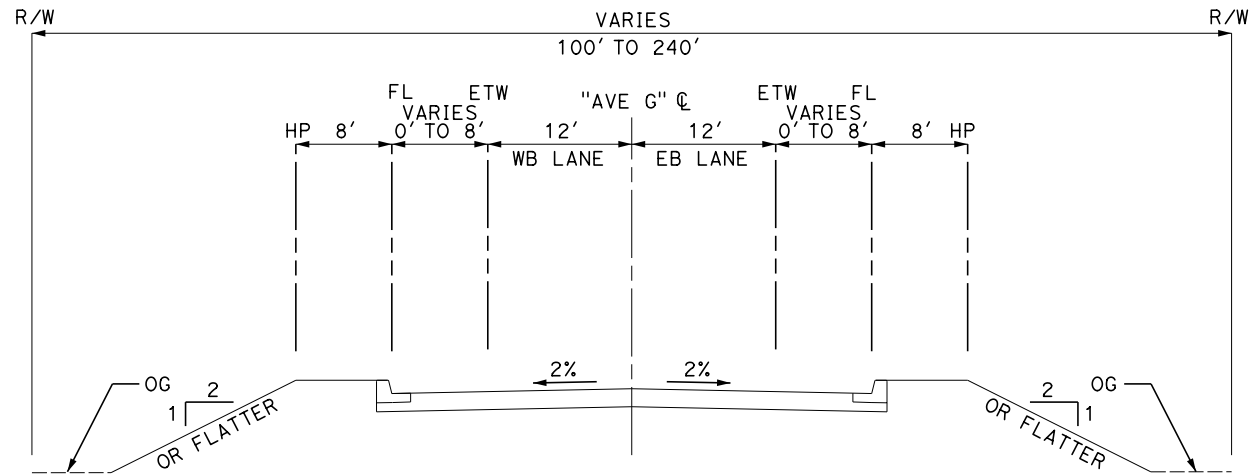
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

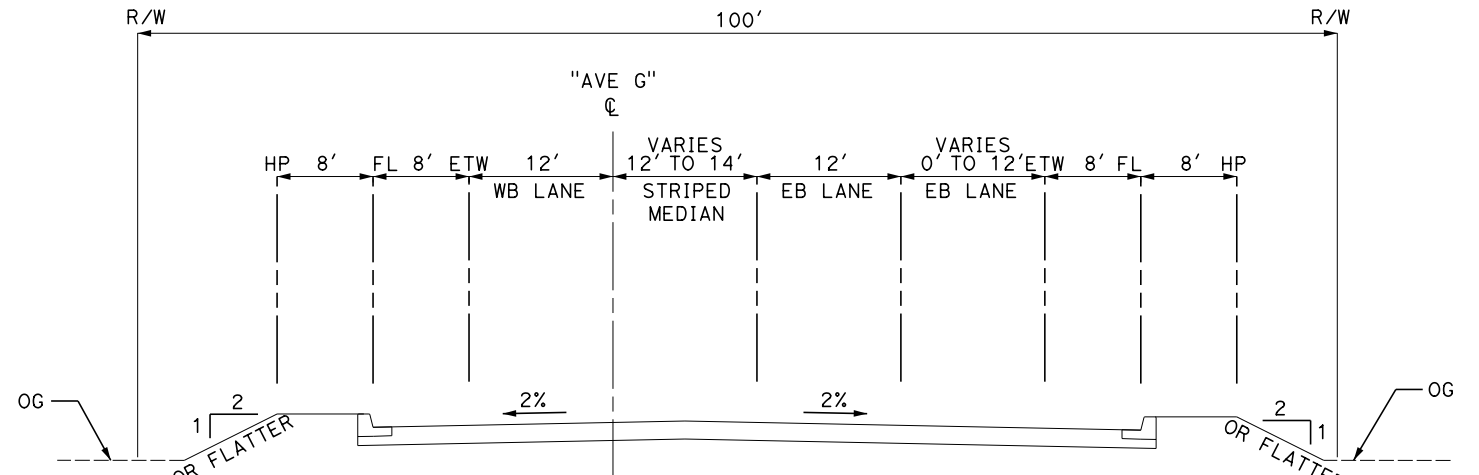
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DRAWING NO.
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SCALE
AS SHOWN
SHEET NO.
25

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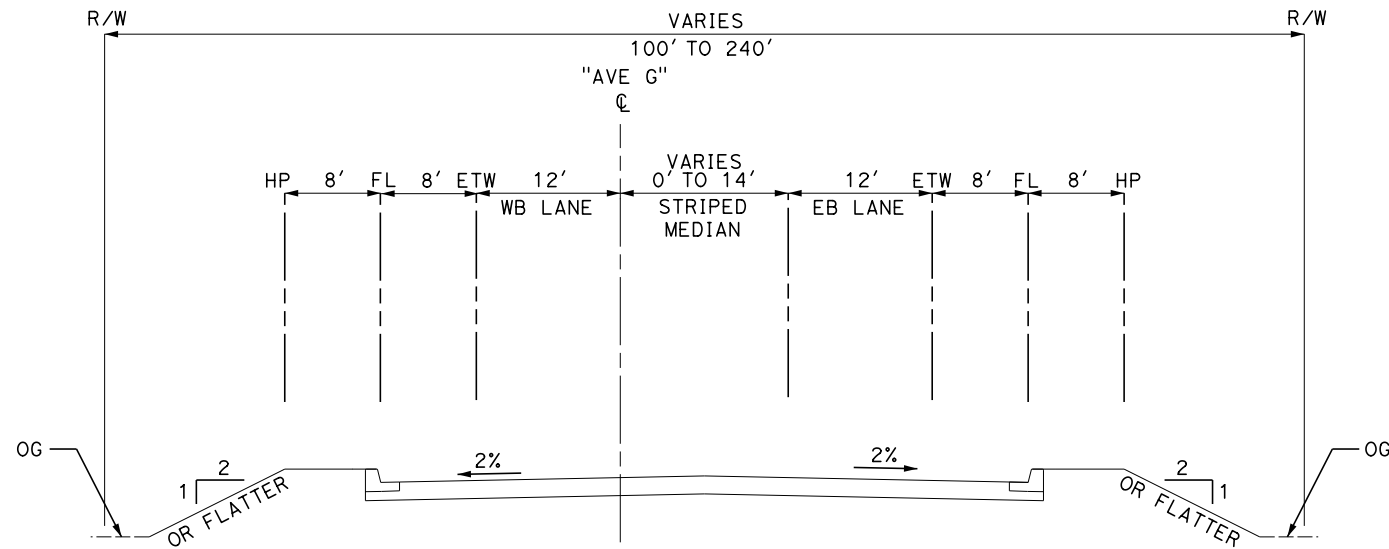
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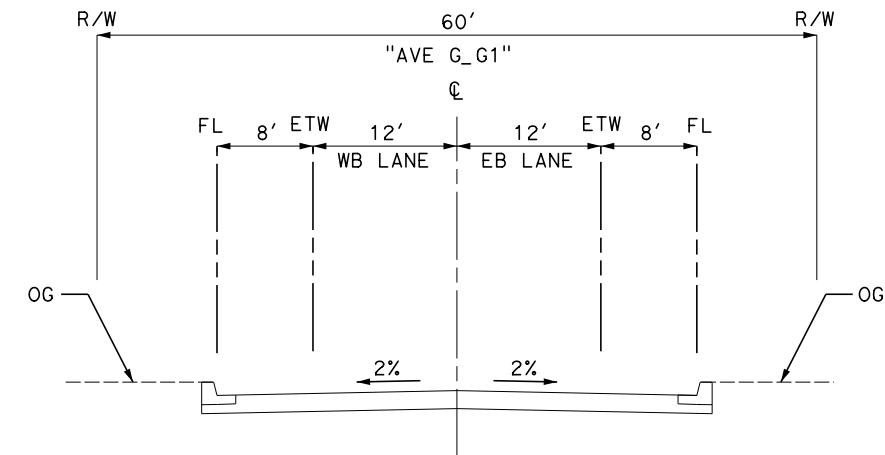
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 STA 38+30 TO 42+52
 STA 44+52 TO 45+50



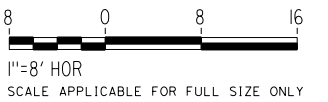
AVE G
 STA 53+00 TO 57+00



AVE G
 STA 45+50 TO 53+00



AVE G ROAD (AVE G - G1 AND G2)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
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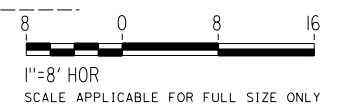
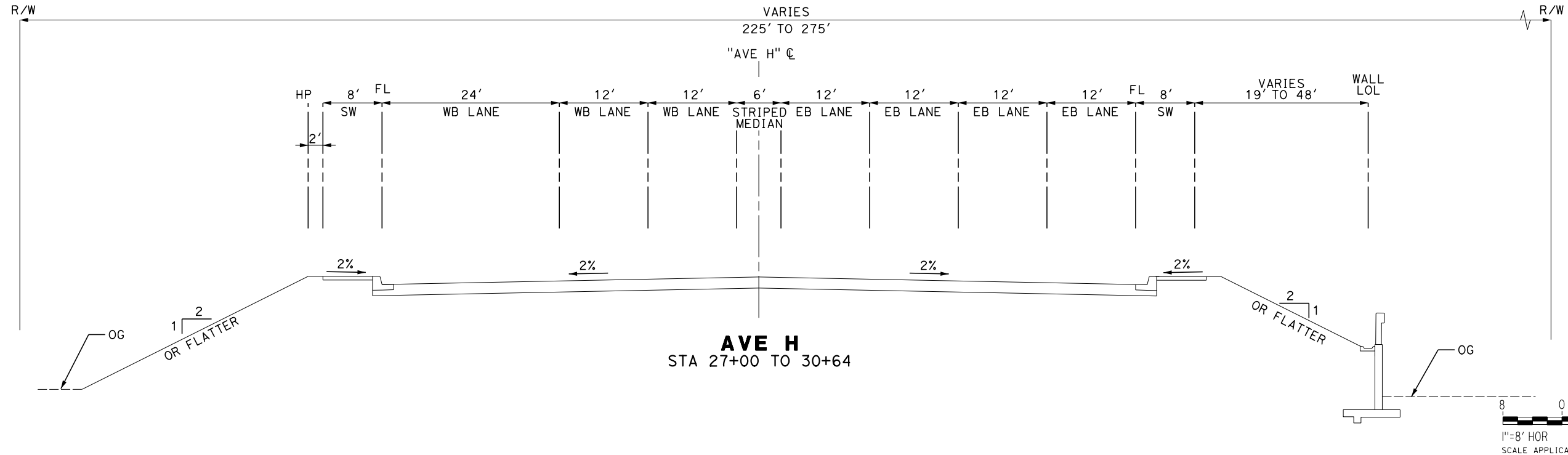
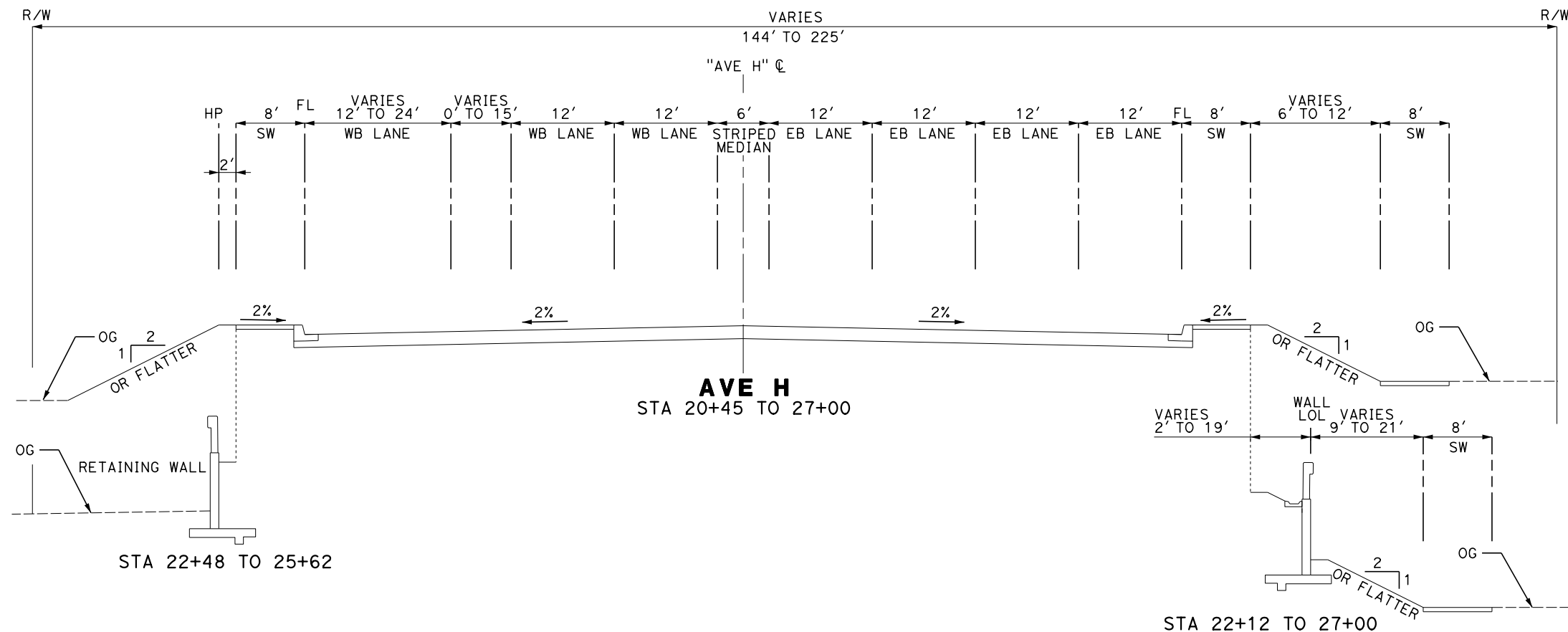


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3100
 SCALE
AS SHOWN
 SHEET NO.
26

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D. HOLMAN
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G. CAMPBELL
DATE
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

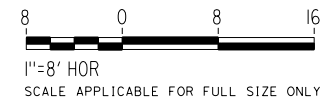
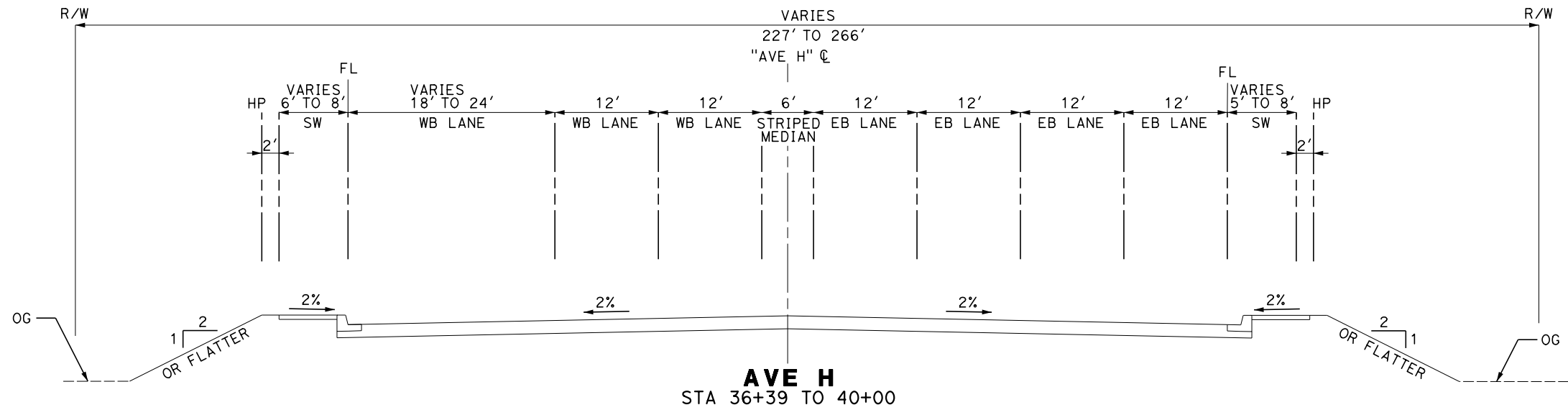
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CV-B3101

SCALE
AS SHOWN

SHEET NO.
27

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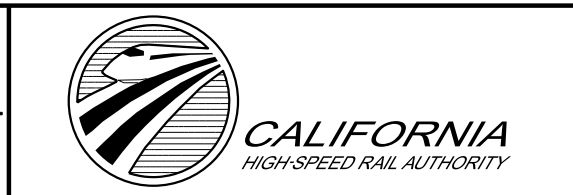


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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PEPD
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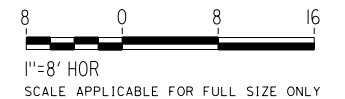
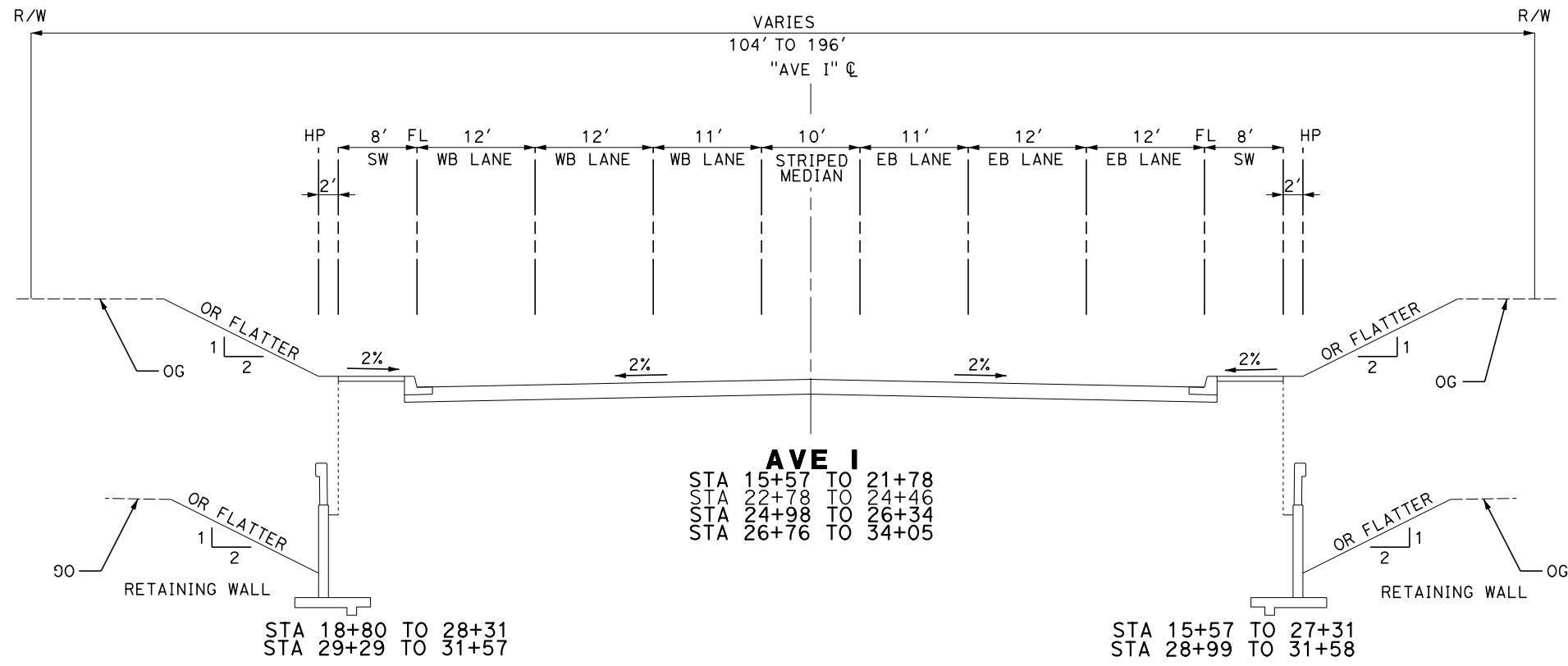


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3102
SCALE
AS SHOWN
SHEET NO.
28

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A. CAROLINO

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E. BALDWIN

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G. CAMPBELL

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

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

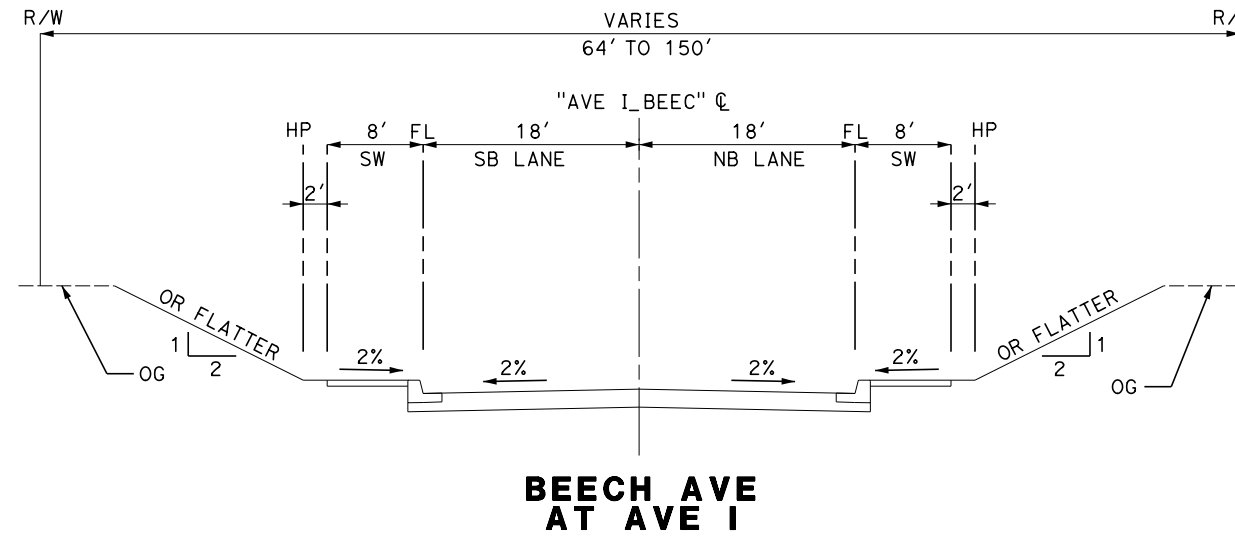
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AS SHOWN

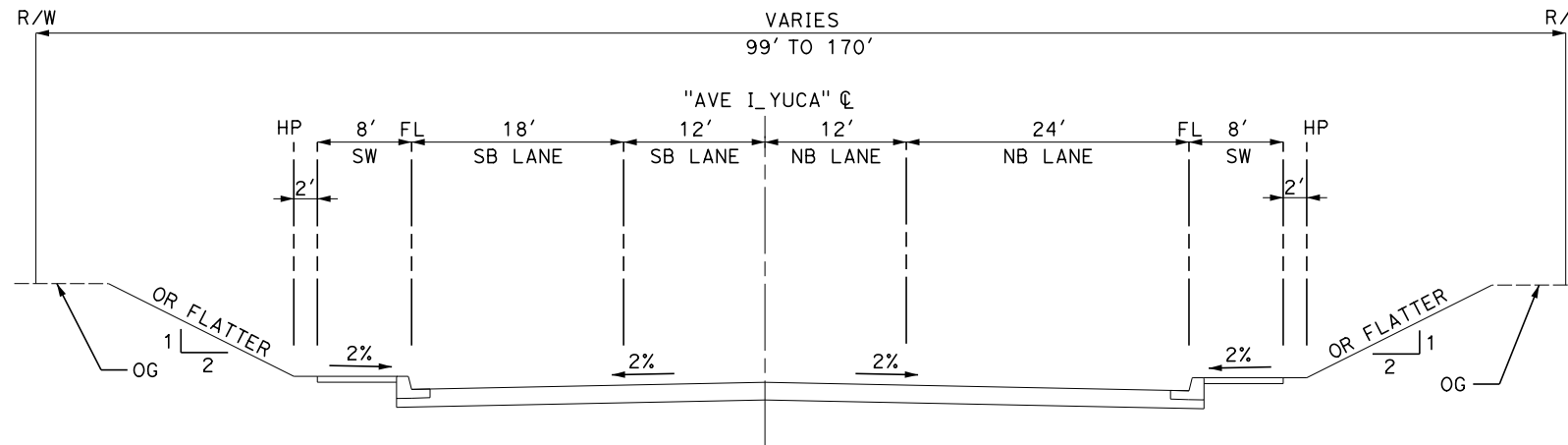
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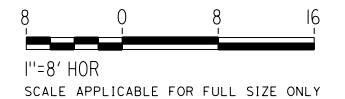
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**BEECH AVE
AT AVE I**



**YUCCA AVE
AT AVE I**



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DESIGNED BY
A. CAROLINO
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E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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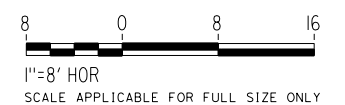
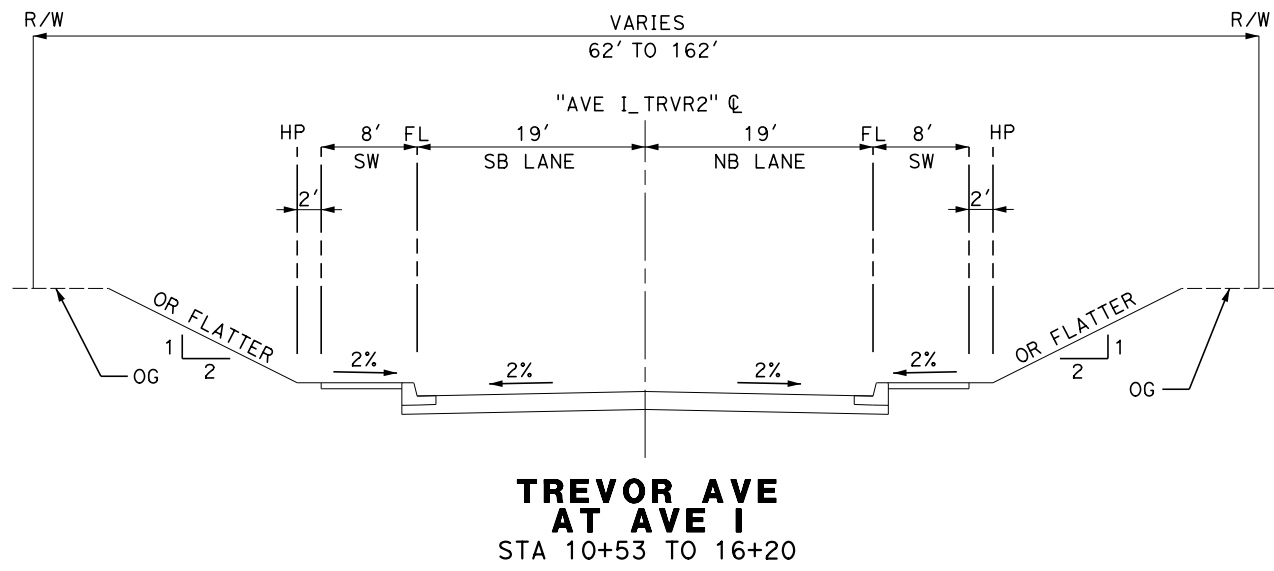
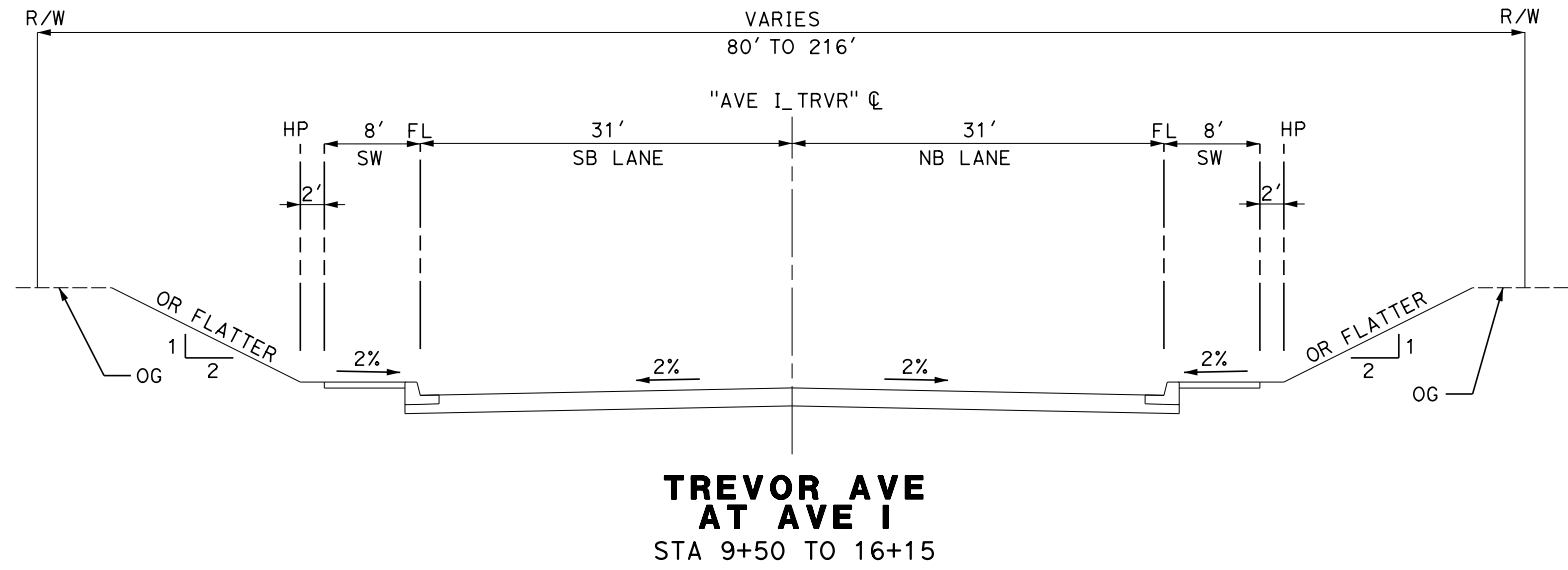
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3108
SCALE
AS SHOWN
SHEET NO.
30

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DESIGNED BY
A. CAROLINO
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E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

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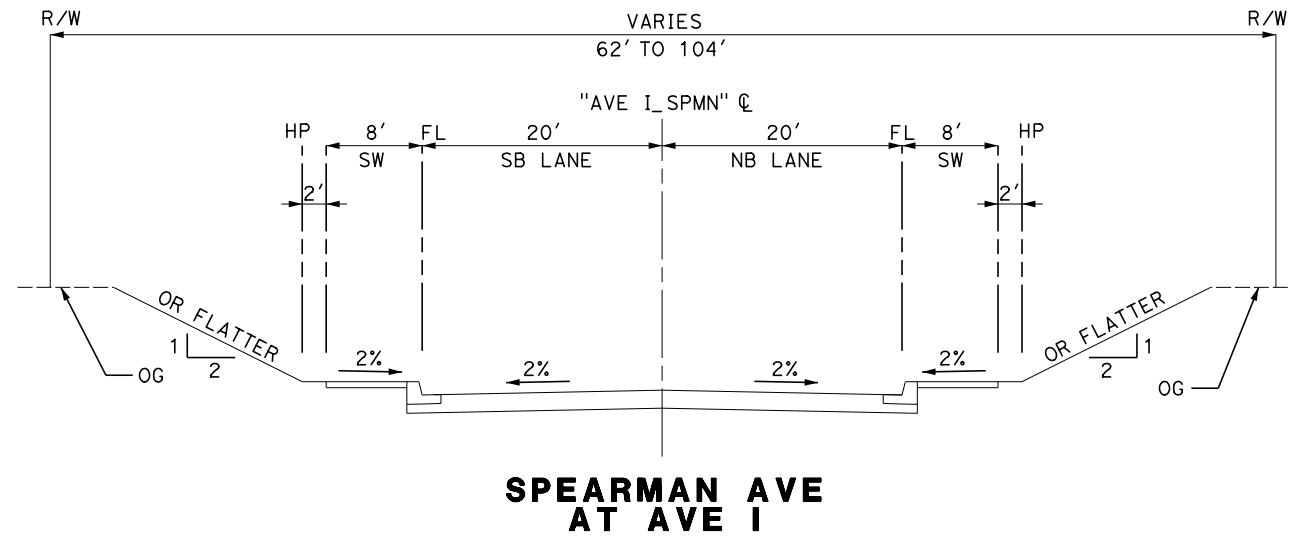


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

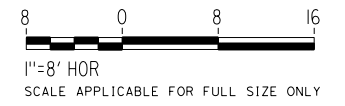
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DRAWING NO.
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SCALE
AS SHOWN
SHEET NO.
31

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**SPEARMAN AVE
AT AVE I**



REV	DATE	BY	CHK	APP	DESCRIPTION

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E. BALDWIN
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D. HOLMAN
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G. CAMPBELL
DATE
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PEPD
SUBMITTAL**

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CONSTRUCTION**

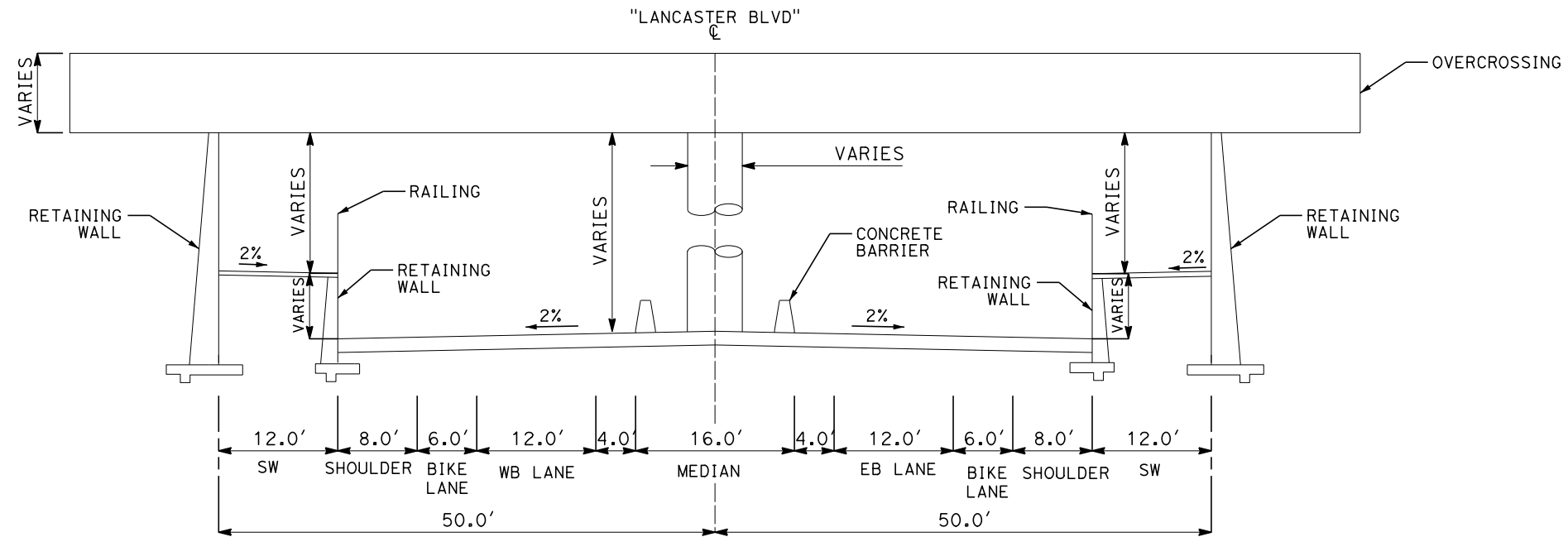


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

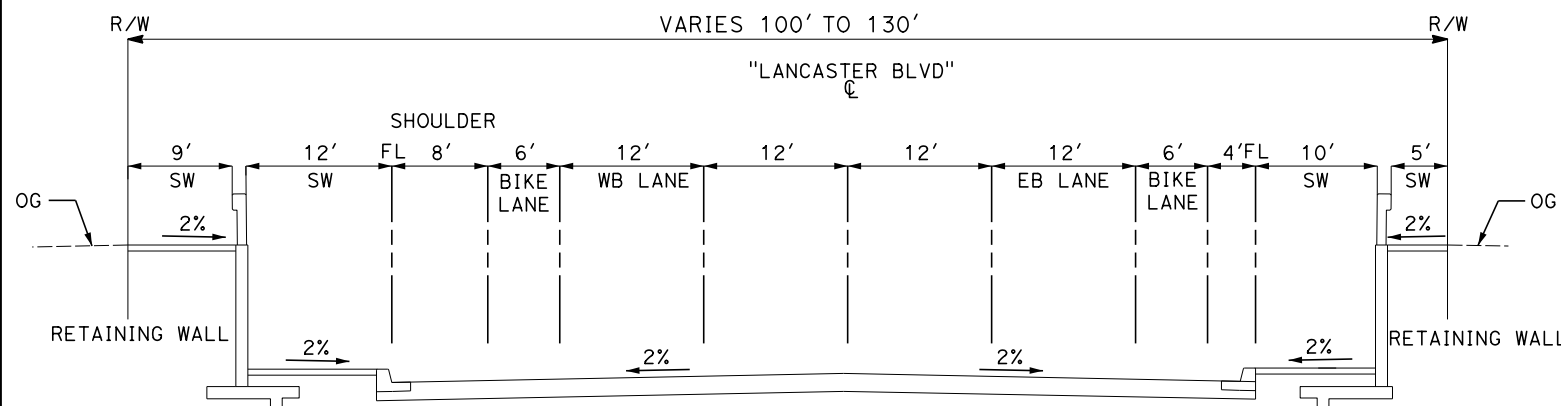
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DRAWING NO.
CV-B3110
SCALE
AS SHOWN
SHEET NO.
32

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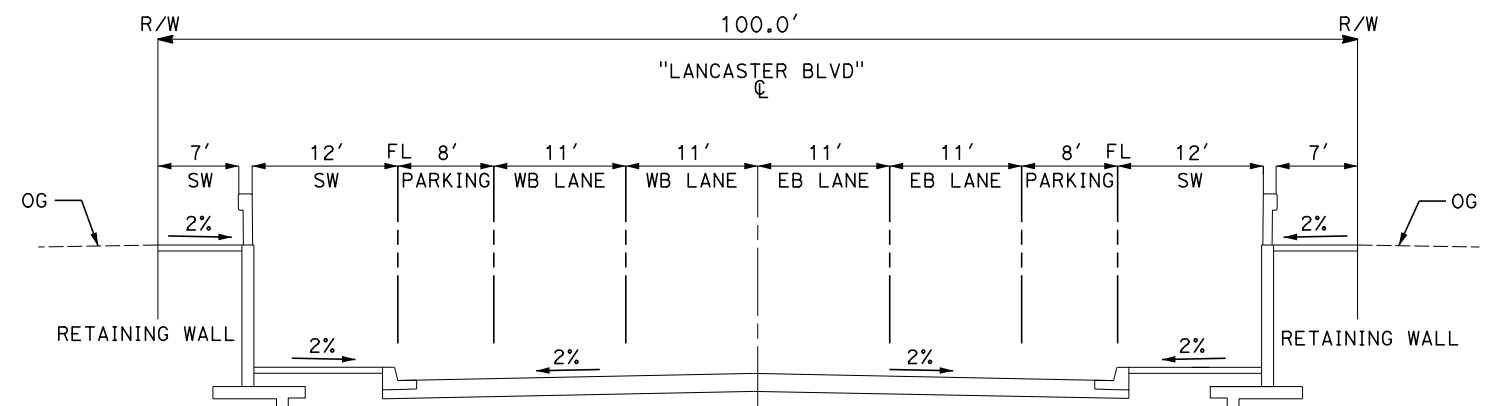
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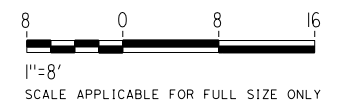
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 STA 10+91 TO 11+81
 STA 13+43 TO 13+94
 STA 15+34 TO 15+78
 STA 16+71 TO 17+37



LANCASTER BLVD
 STA 5+91 TO 7+16
 STA 7+66 TO 10+91
 STA 11+81 TO 13+43
 STA 13+94 TO 15+34
 STA 15+78 TO 16+71



LANCASTER BLVD
 STA 17+37 TO 20+83
 STA 21+39 TO 22+14



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DESIGNED BY
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 CHECKED BY
D. HOLMAN
 IN CHARGE
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 DATE
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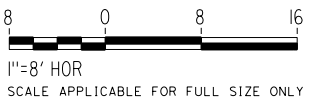
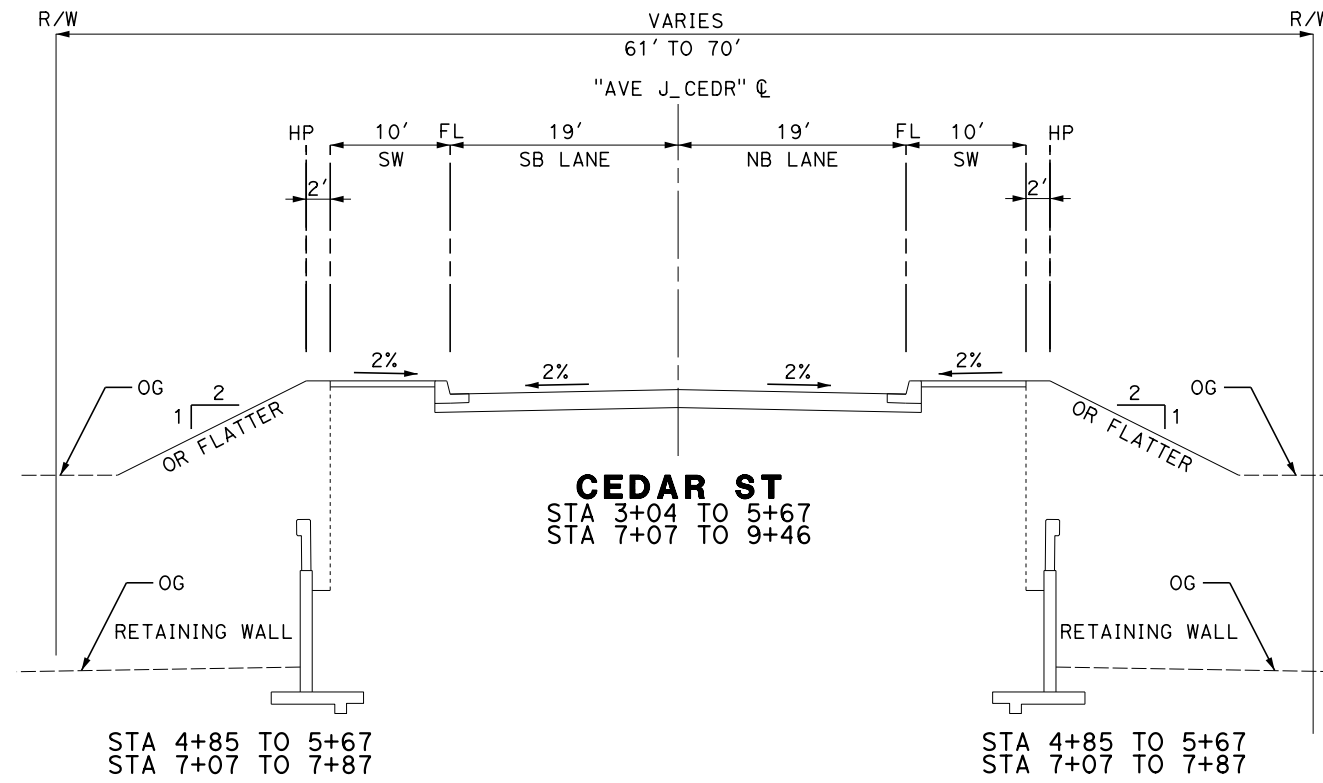
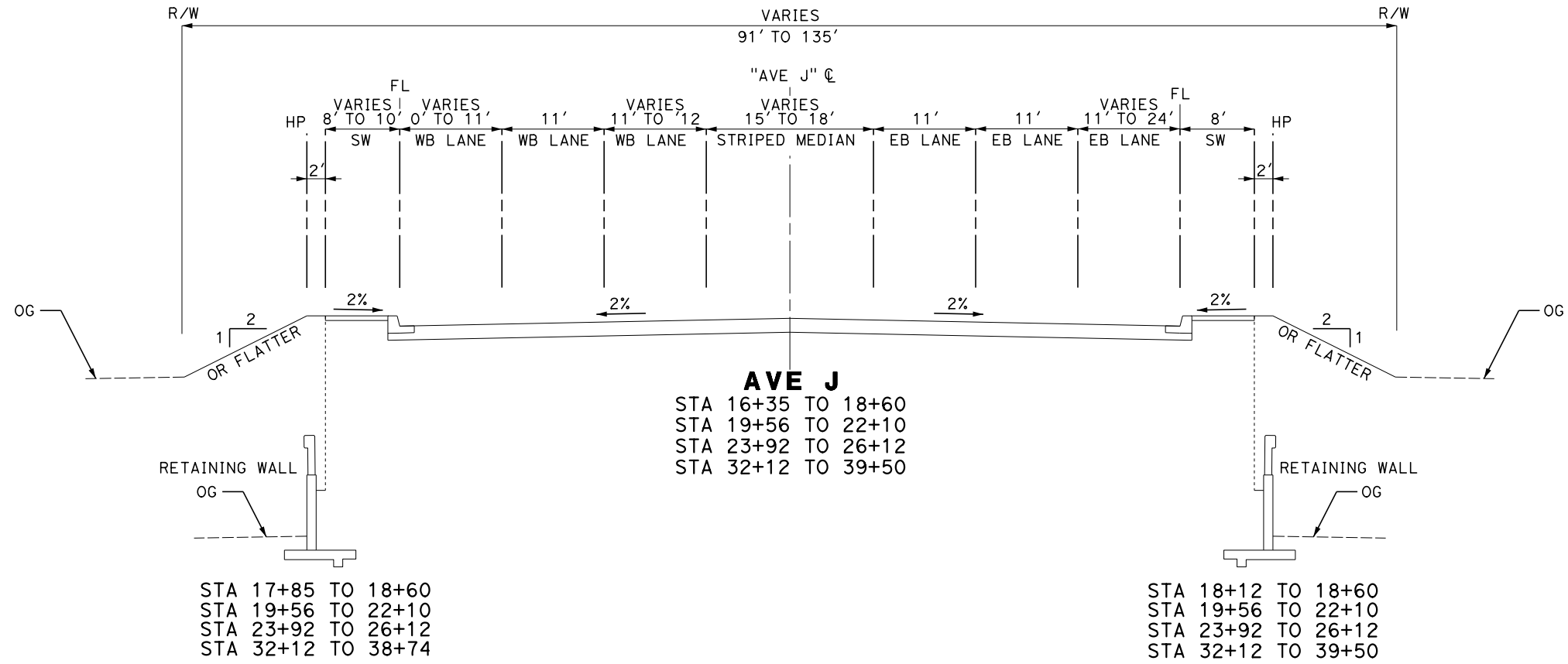


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3111
 SCALE
AS SHOWN
 SHEET NO.
33

Projects\T01206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3113

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A. CAROLINO
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 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
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CONSTRUCTION

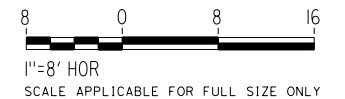
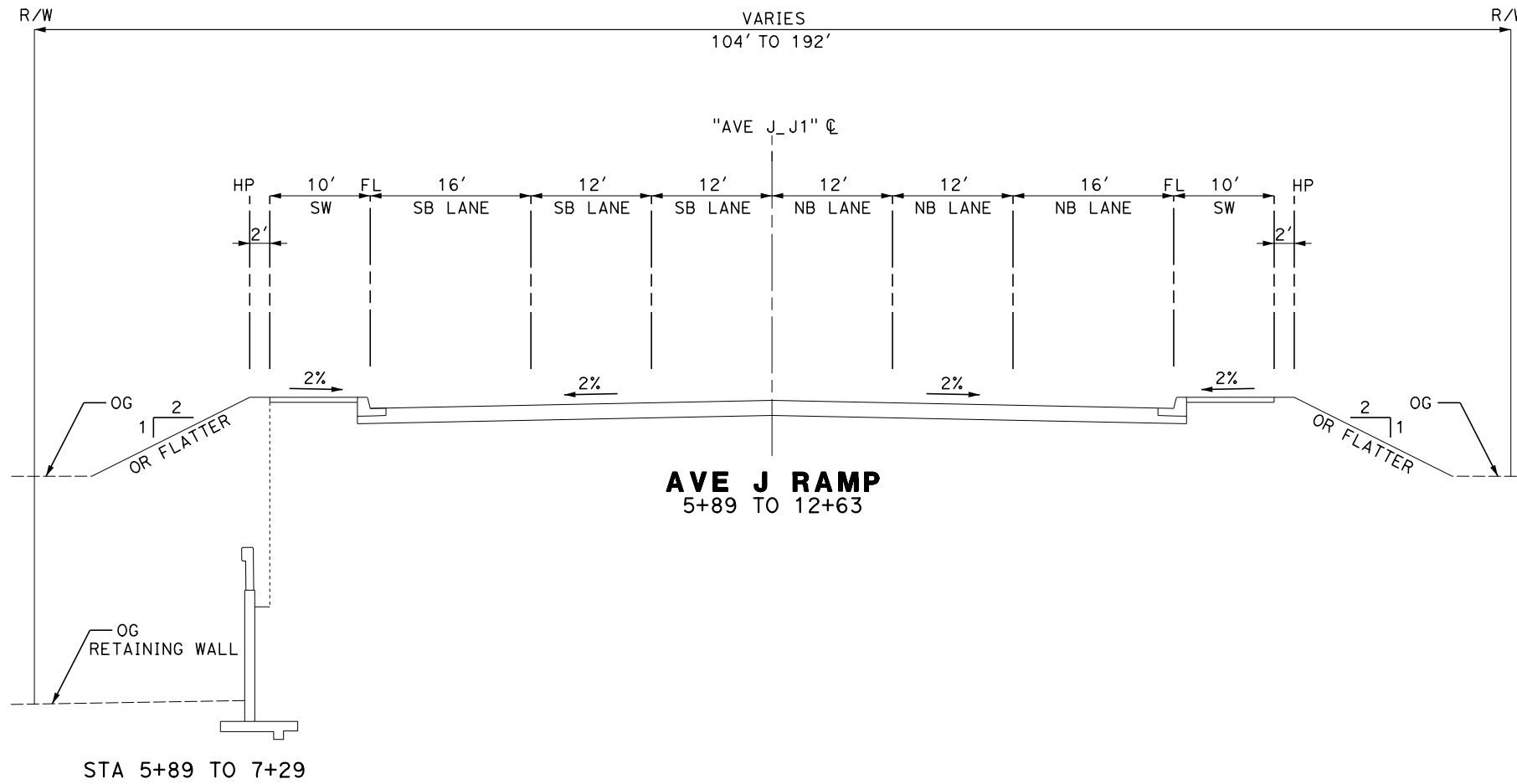


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3113
 SCALE
AS SHOWN
 SHEET NO.
34

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D. HOLMAN
IN CHARGE
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DATE
01/29/2021

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CONSTRUCTION**

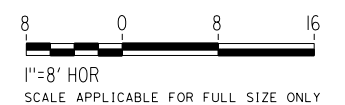
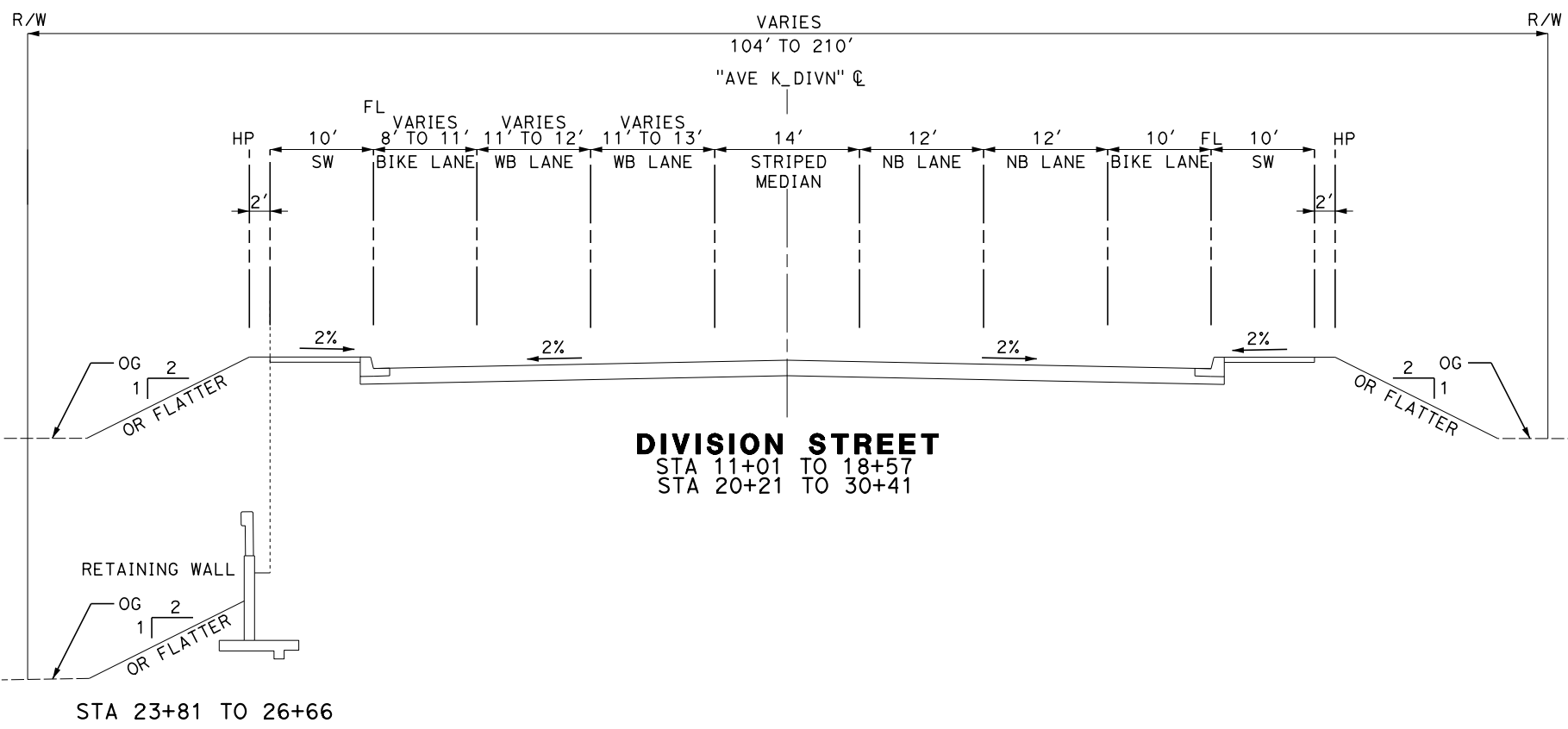
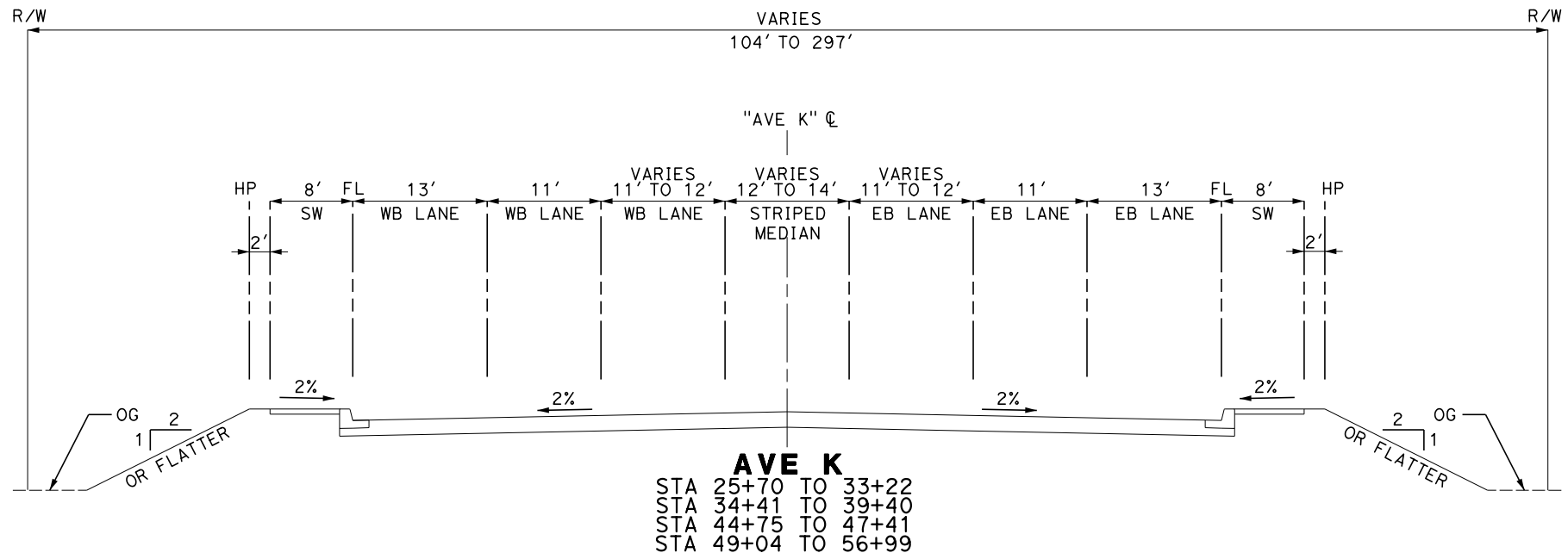


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3114
SCALE
AS SHOWN
SHEET NO.
35

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G. CAMPBELL

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

CONTRACT NO.
HSR13-44

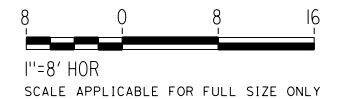
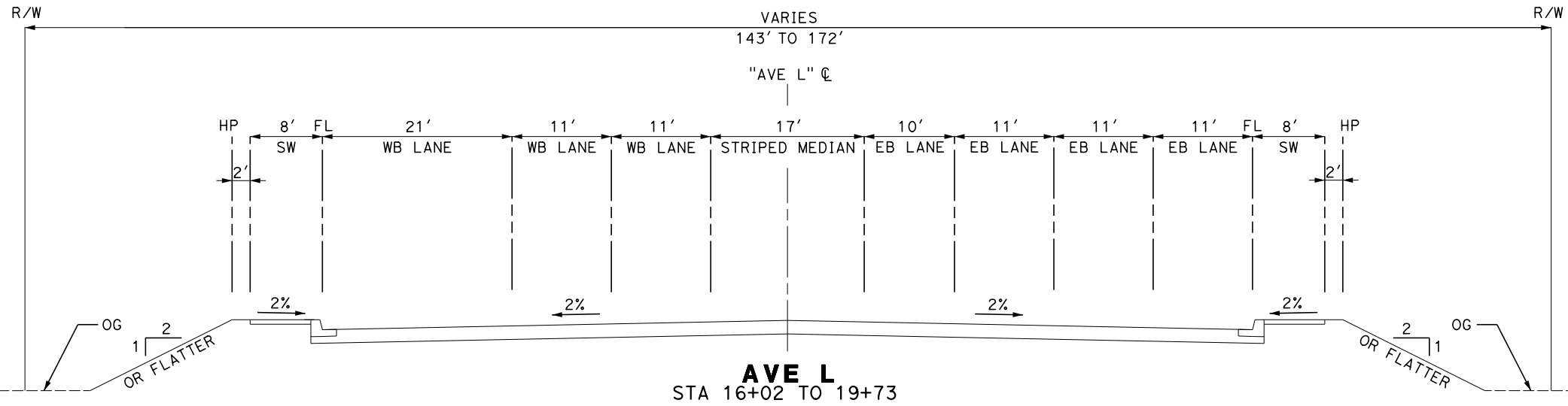
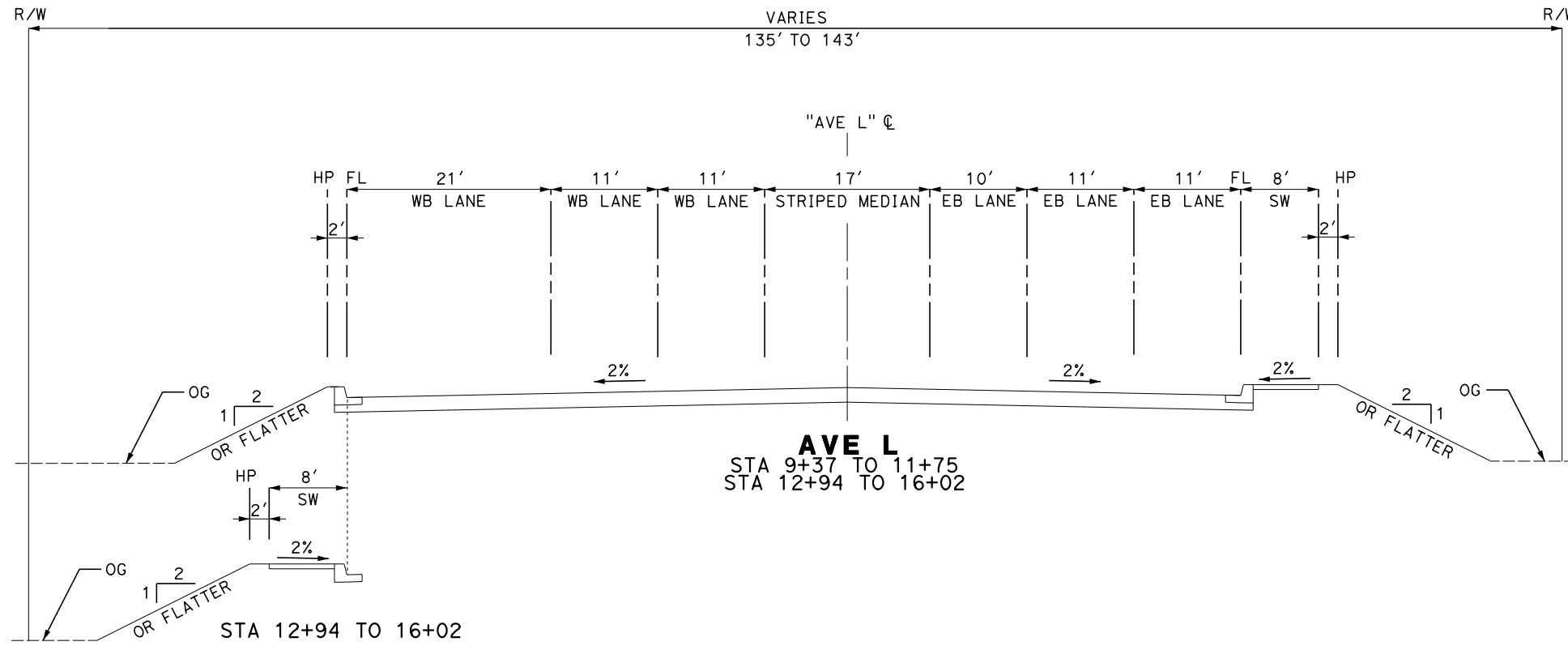
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CV-B3115

SCALE
AS SHOWN

SHEET NO.
36

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A. CAROLINO
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**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

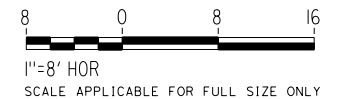
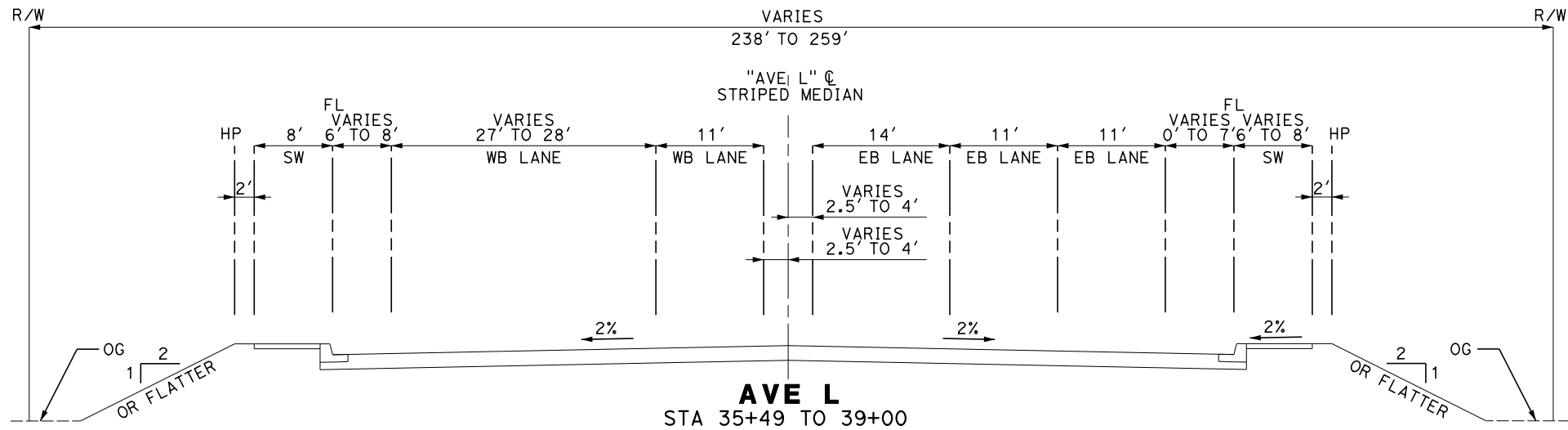
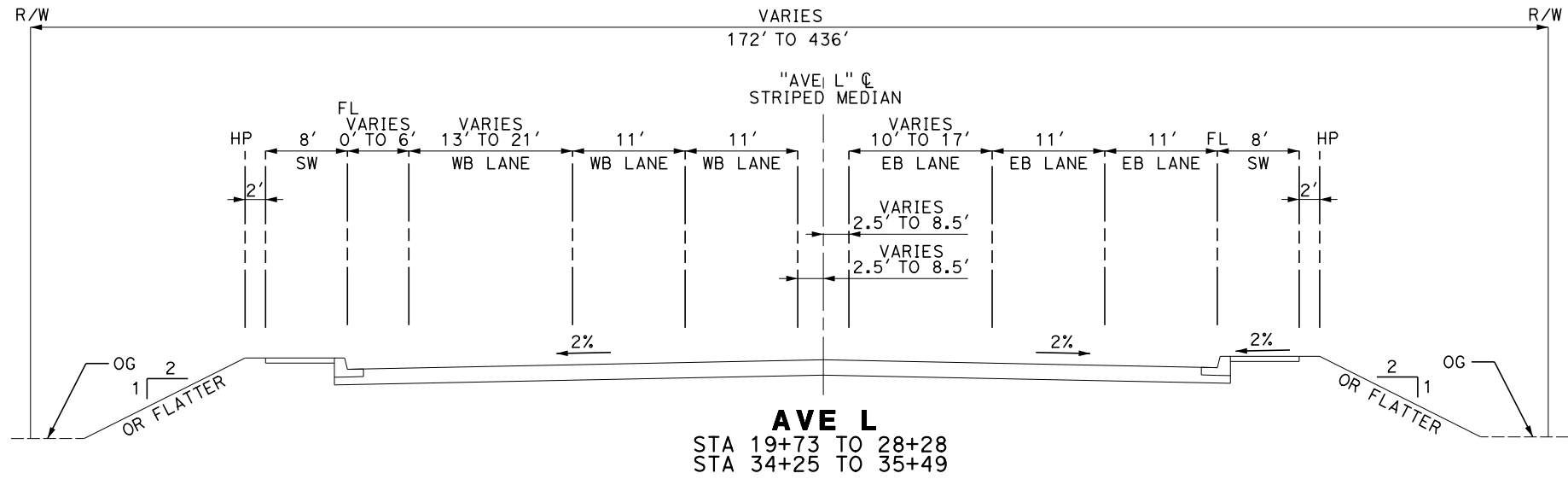
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CV-B3116

SCALE
AS SHOWN

SHEET NO.
37

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DESIGNED BY
A. CAROLINO

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CHECKED BY
D. HOLMAN

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G. CAMPBELL

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

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

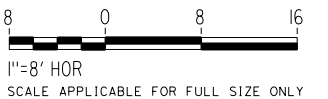
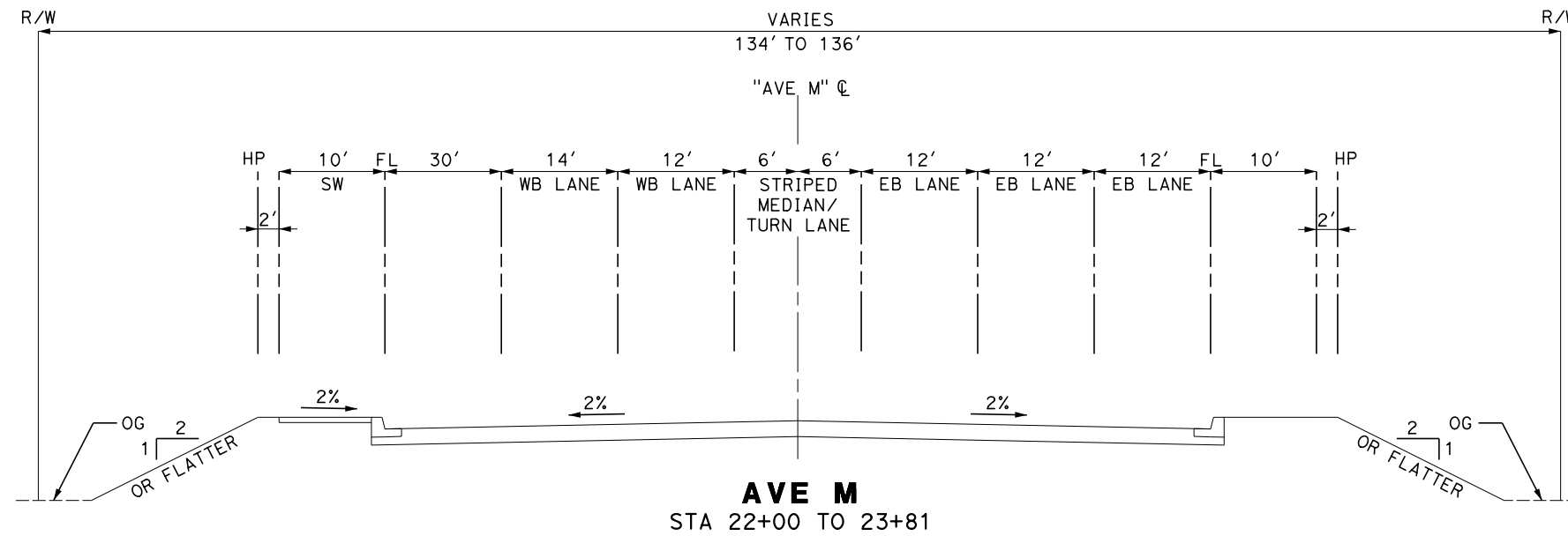
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SCALE
AS SHOWN

SHEET NO.
38

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DESIGNED BY
A. CAROLINO
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CHECKED BY
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DATE
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CONSTRUCTION**

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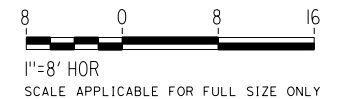
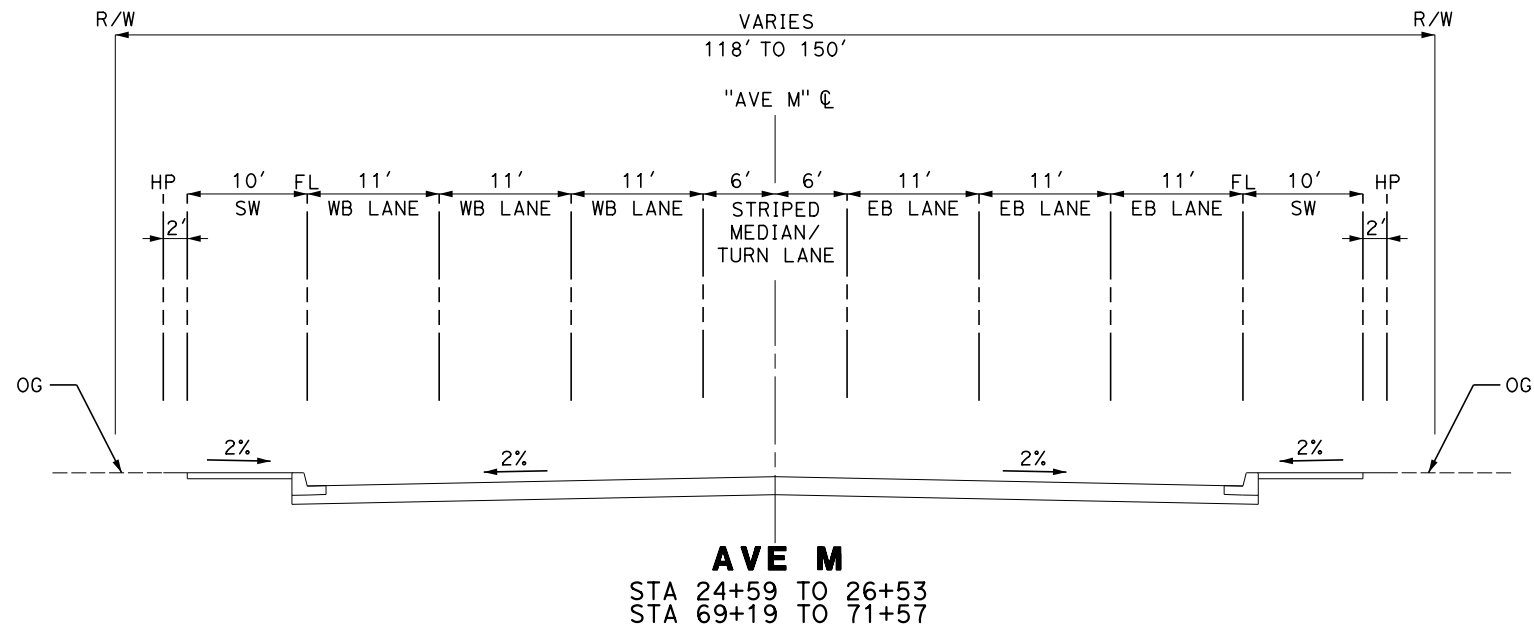
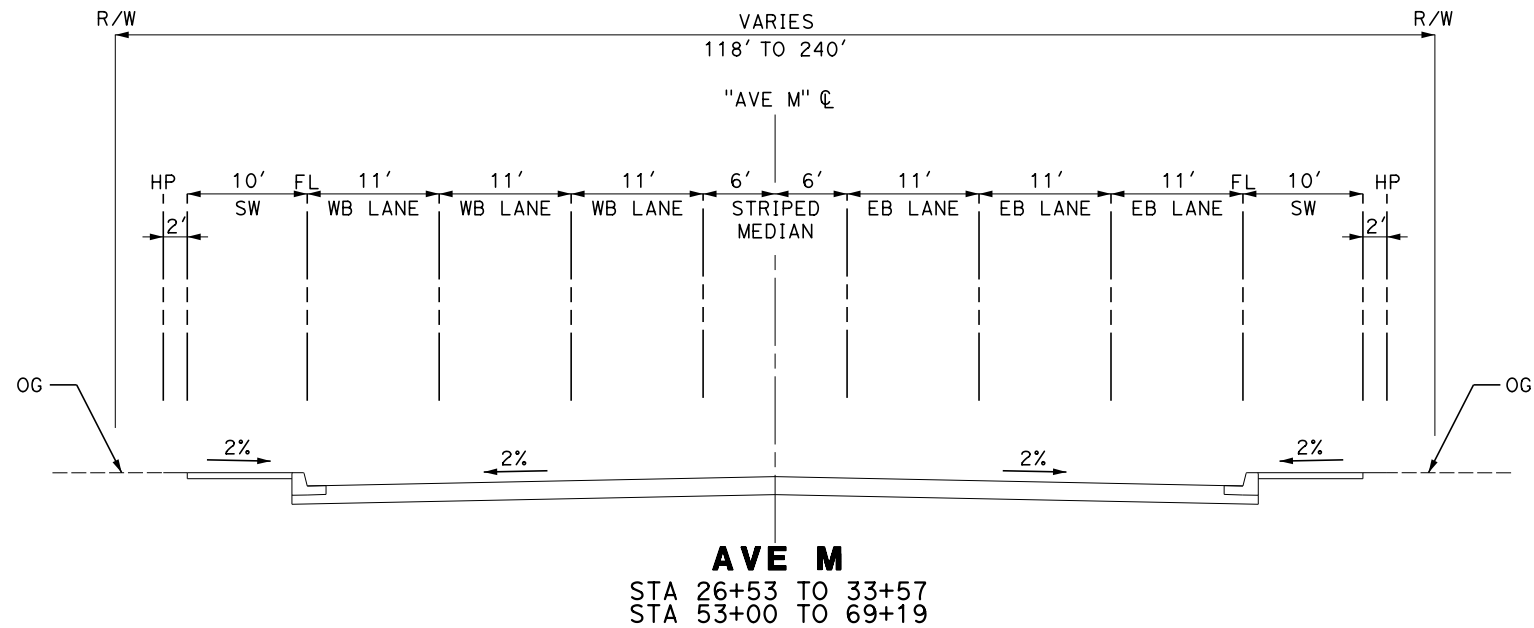


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3118
SCALE
AS SHOWN
SHEET NO.
39

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
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D. HOLMAN
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G. CAMPBELL
 DATE
01/29/2021

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**NOT FOR
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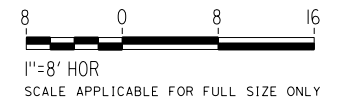
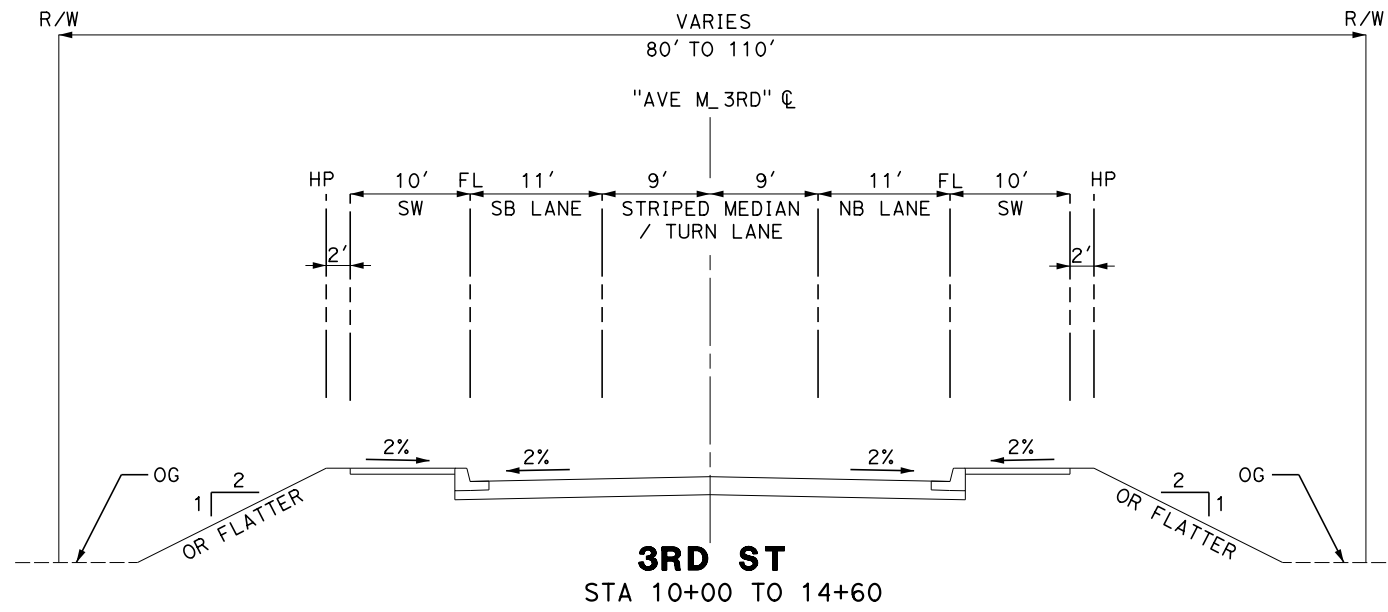
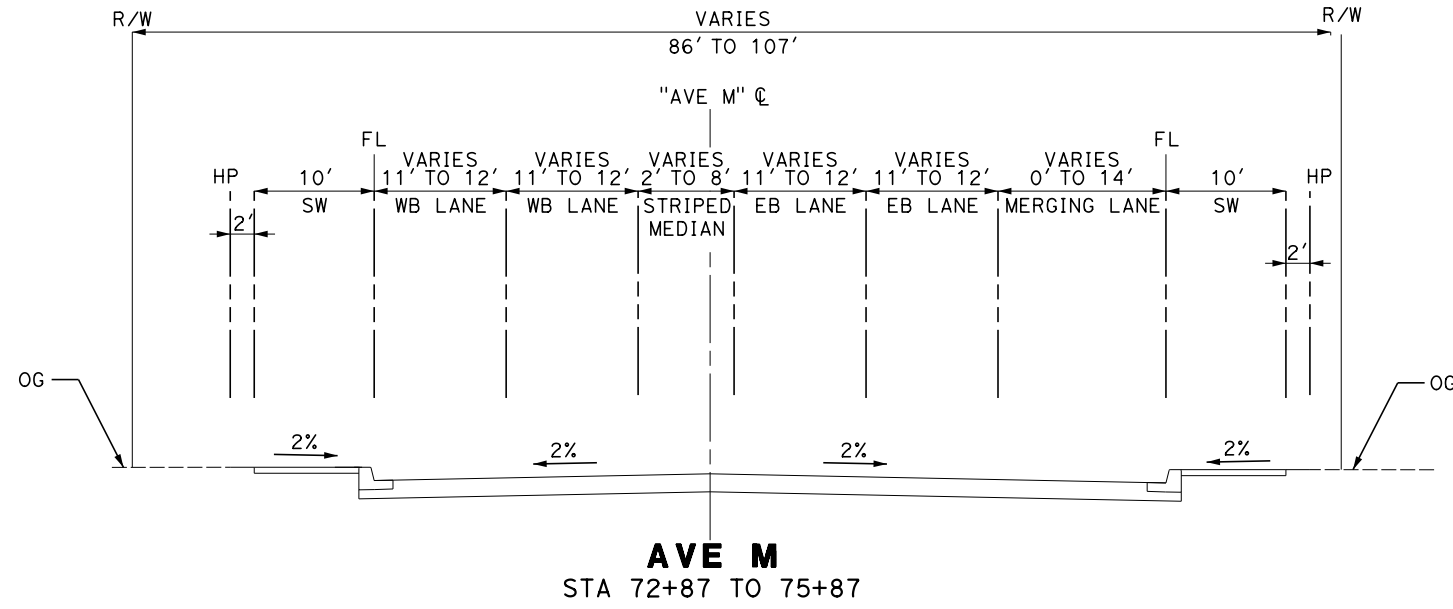


**CALIFORNIA HIGH-SPEED RAIL PROJECT
 BAKERSFIELD TO PALMDALE**
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3119
 SCALE
AS SHOWN
 SHEET NO.
40

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
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E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

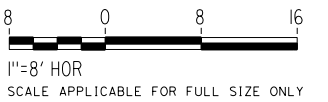
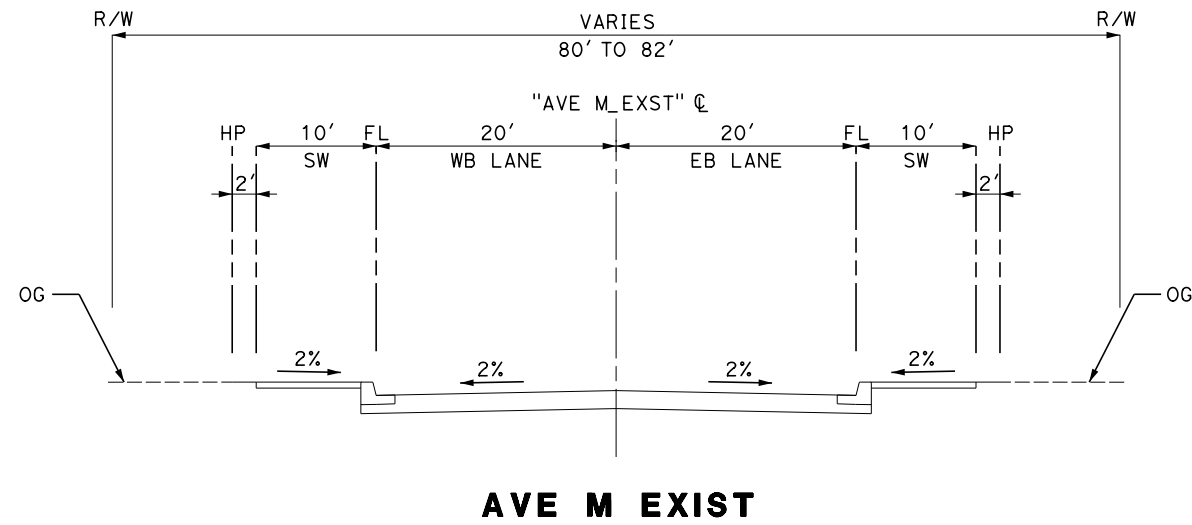


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3120
SCALE
AS SHOWN
SHEET NO.
41

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3121

eia.ina.baldwin@tylin.com 2:05:25 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL



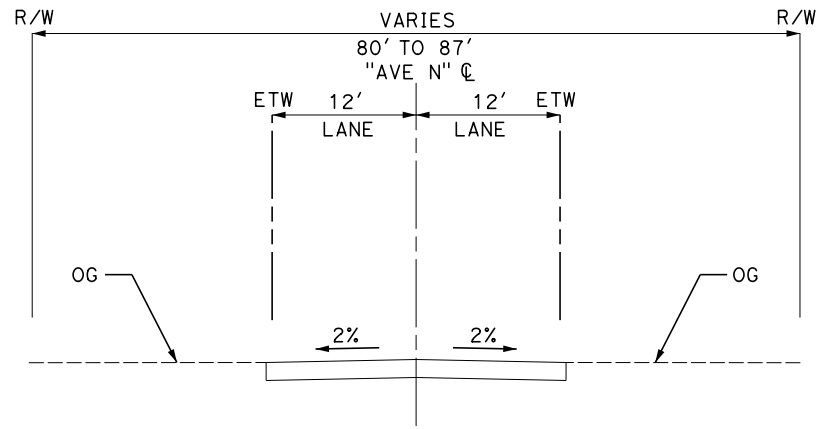
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3121
SCALE
AS SHOWN
SHEET NO.
42

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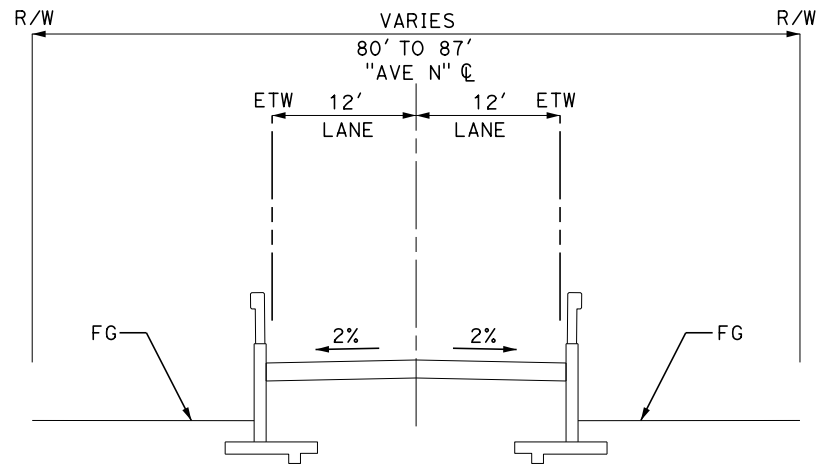
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ALT 1,2,3

ALT 5

STA 27+00 TO 30+58
STA 35+97 TO 36+15

STA 27+00 TO 30+58
STA 35+60 TO 35+85



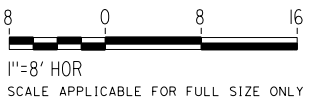
AVE N

ALT 1,2,3

ALT 5

STA 30+58 TO 31+37
STA 35+47 TO 35+97

STA 30+58 TO 31+35



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
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

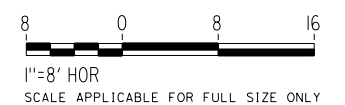
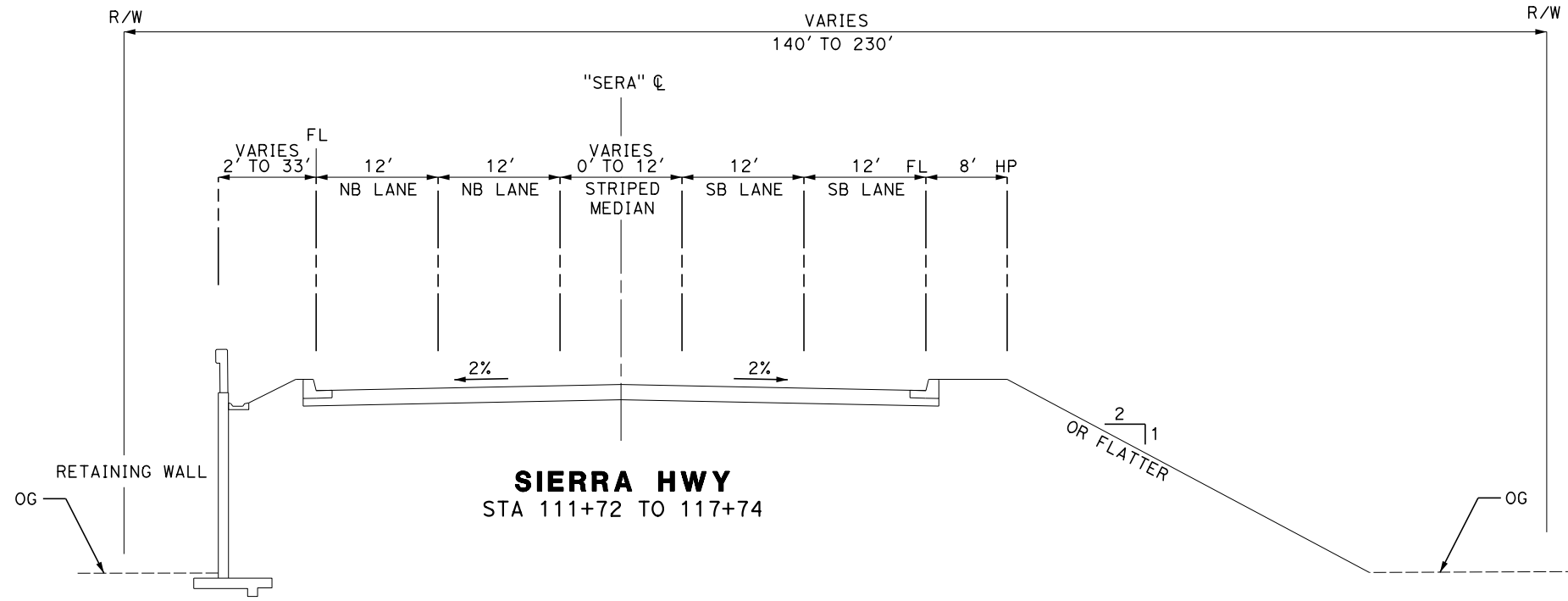
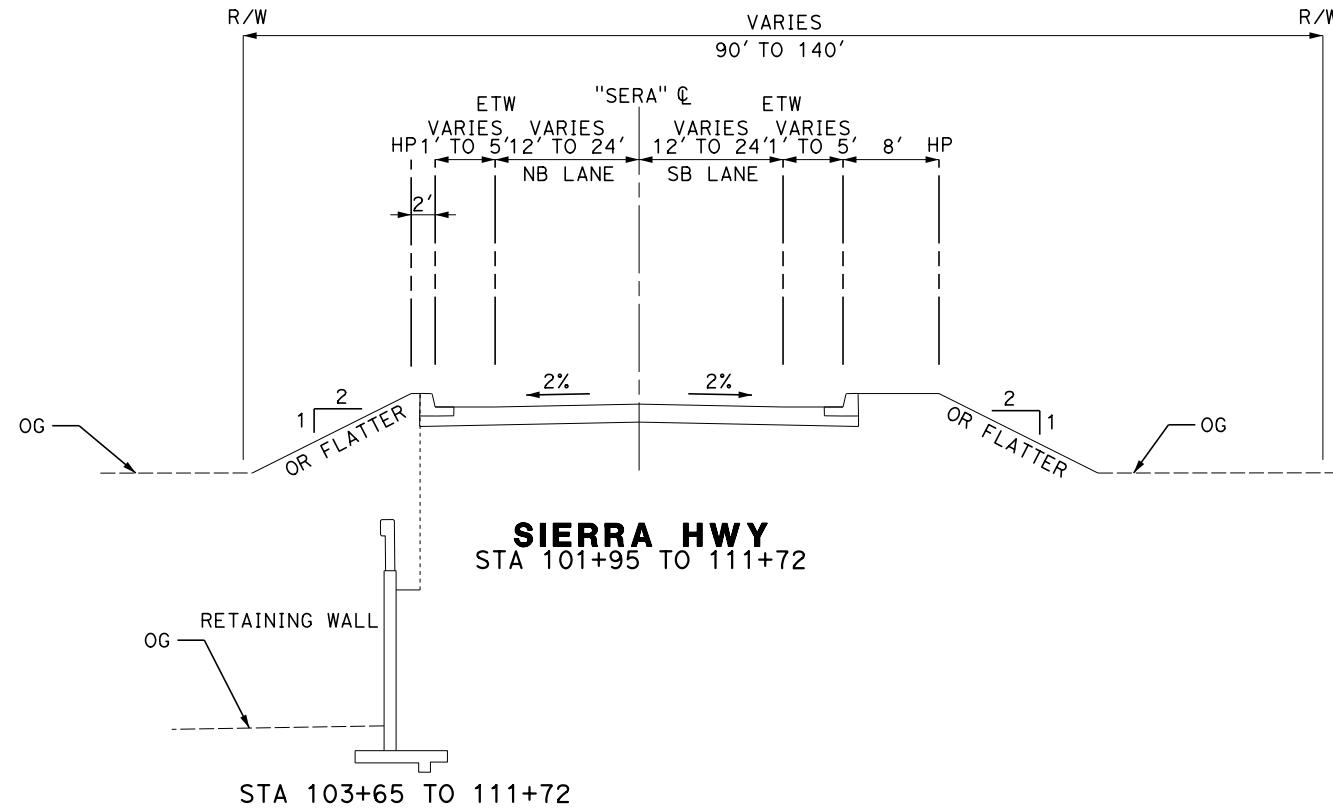
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CV-B3122

SCALE
AS SHOWN

SHEET NO.
43

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

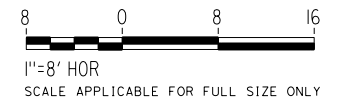
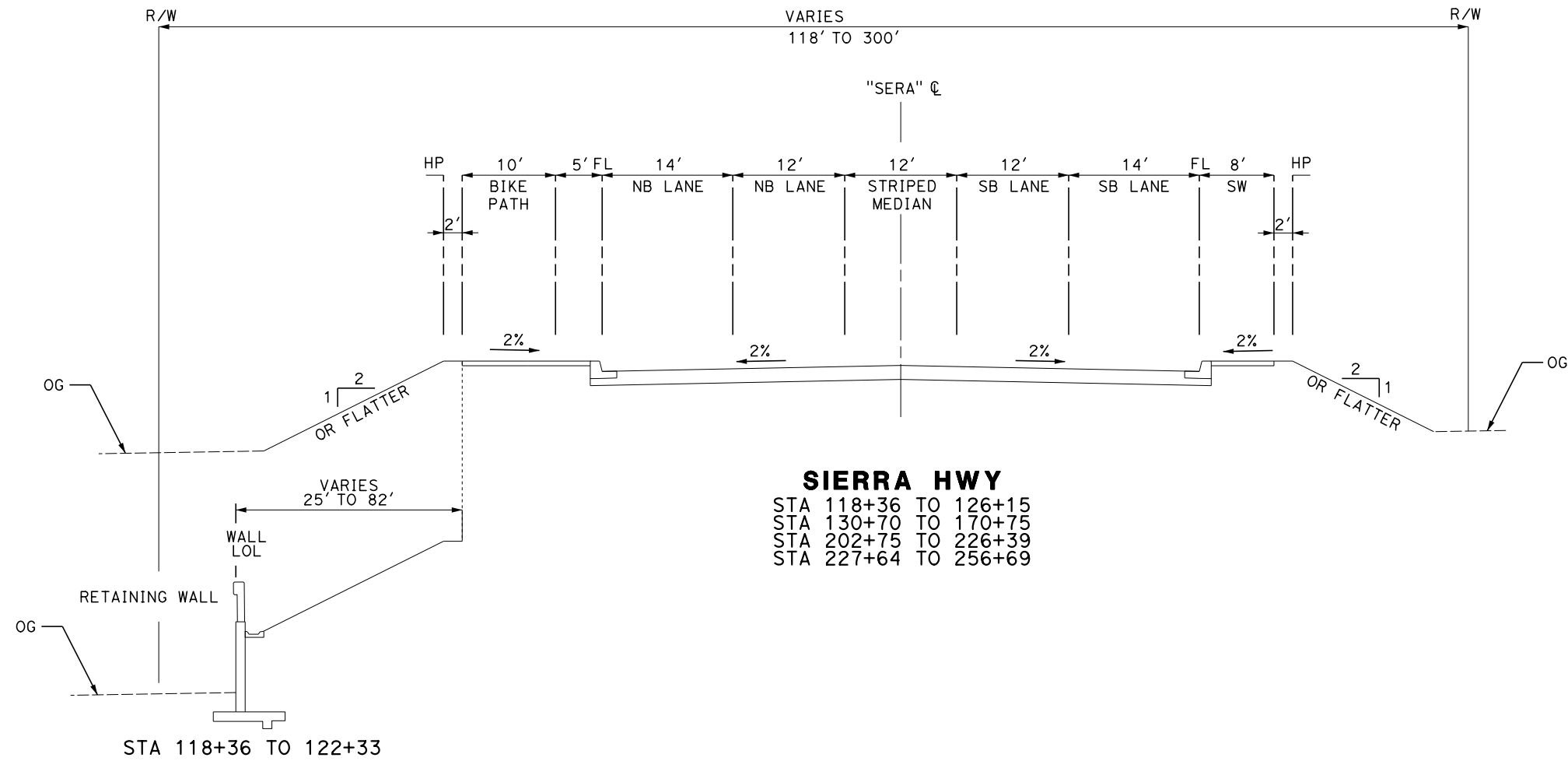
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CV-B3123

SCALE
AS SHOWN

SHEET NO.
44

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e:\a.ina.baldwin@tylin.com 1:59:44 AM



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

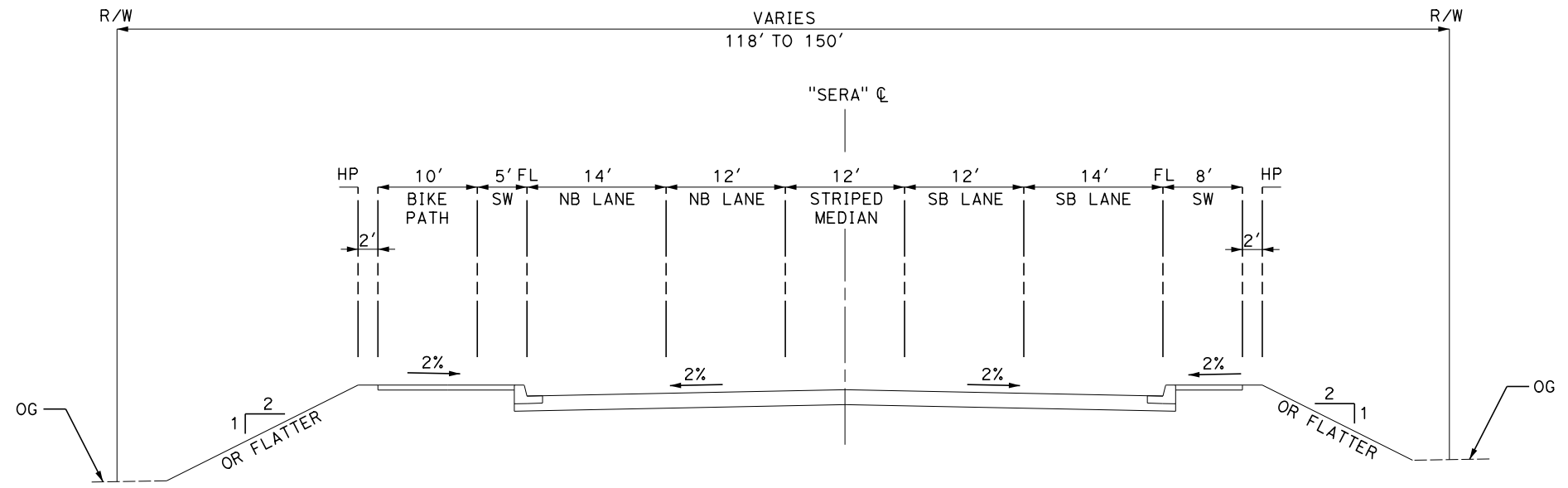


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3
 GENERAL
 TYPICAL SECTIONS

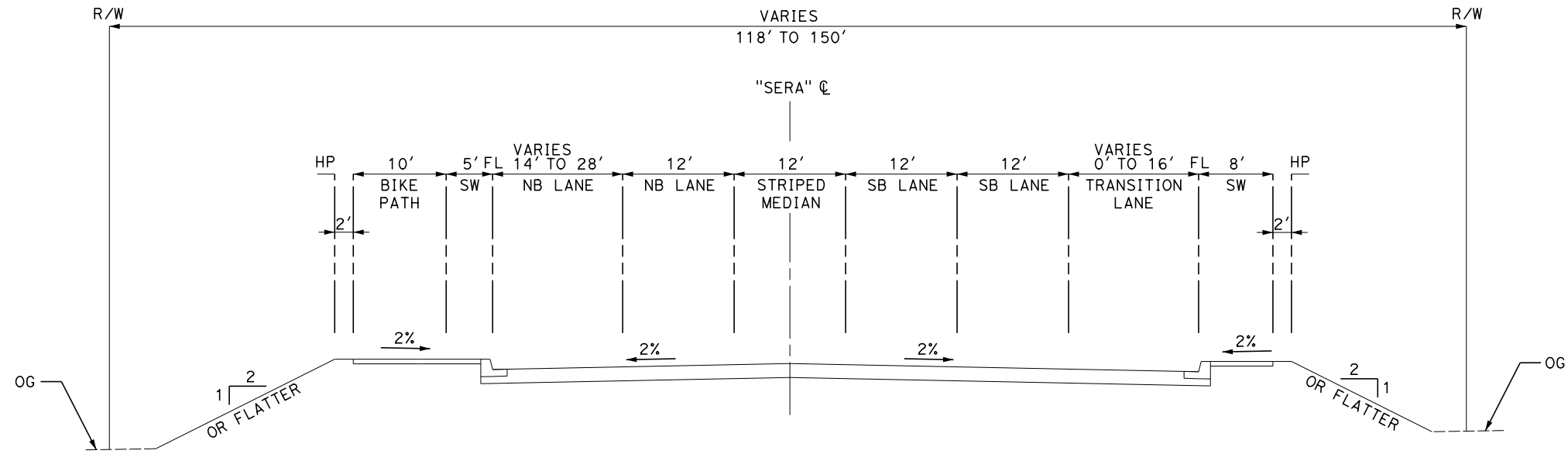
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HSR13-44
 DRAWING NO.
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 SCALE
AS SHOWN
 SHEET NO.
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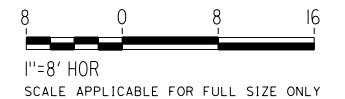
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SIERRA HWY
 STA 256+69 TO 280+68
 STA 282+00 TO 314+48



SIERRA HWY
 STA 314+48 TO 322+94



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

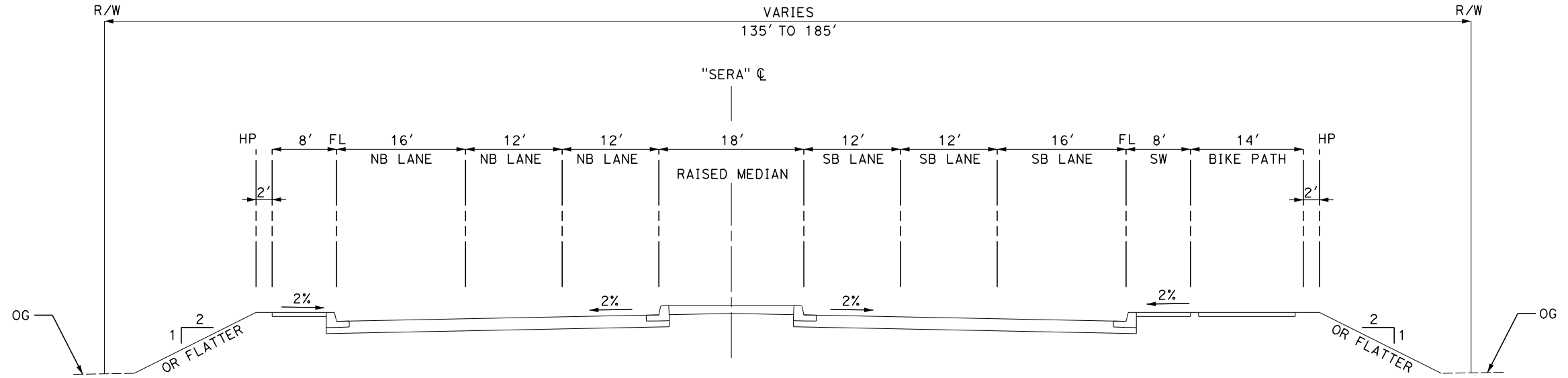


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

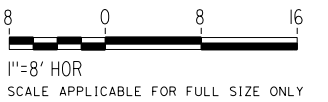
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 DRAWING NO.
CV-B3125
 SCALE
AS SHOWN
 SHEET NO.
46

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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
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

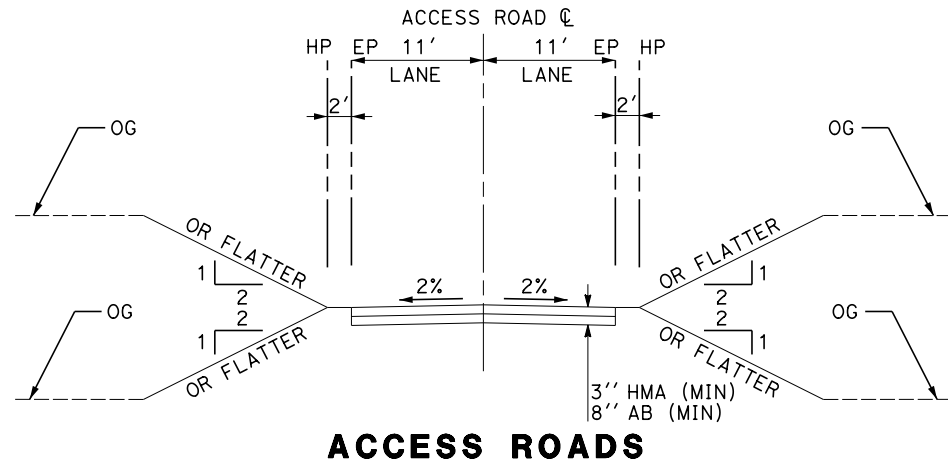


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 GENERAL
 TYPICAL SECTIONS

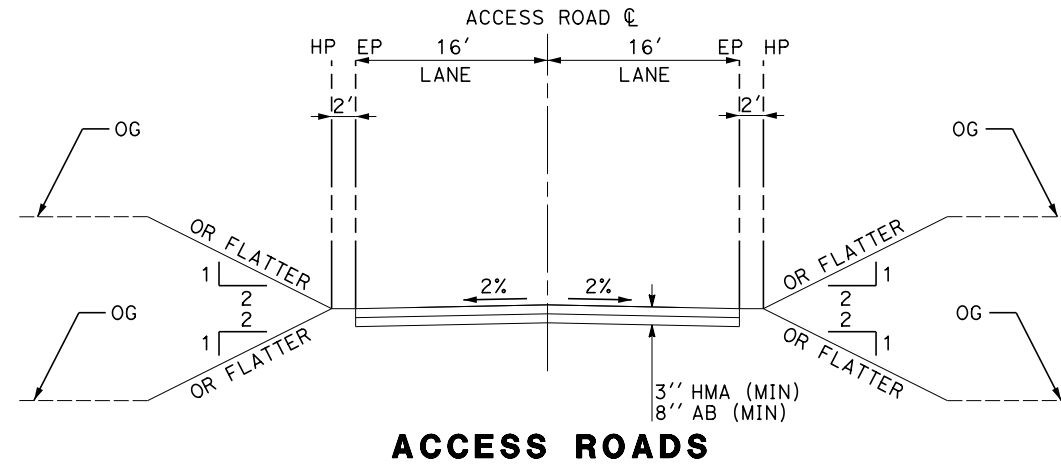
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HSR13-44
 DRAWING NO.
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 SCALE
AS SHOWN
 SHEET NO.
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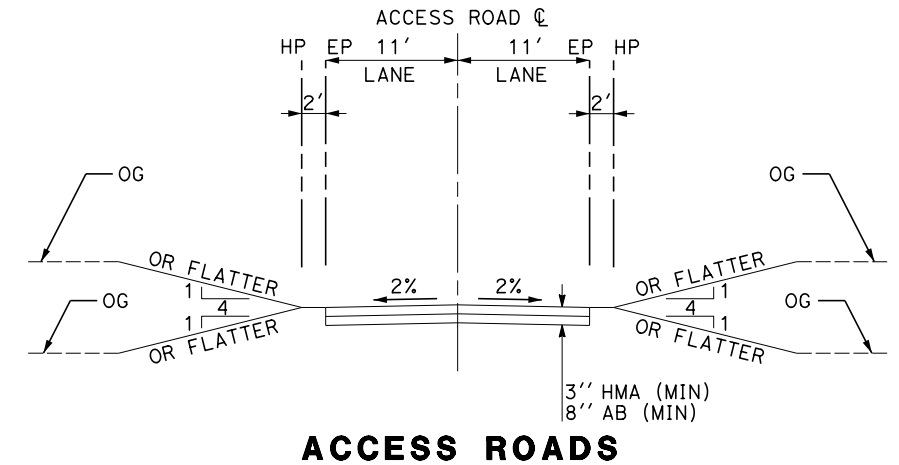
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ACCESS ROADS



ACCESS ROADS

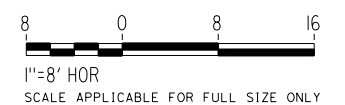


ACCESS ROADS

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17445	17908	19003	19450	17448
17438TP	18065	19052	19458	17461
17459	18112	19052TP	19478	17561
17517	18112TP	19080	19695TP	17575
17597	18153	19106	19755	17585
17712	18162	19144	HIGT	17670
17783	18230	19165	19945	17685
17793	18298	19232	20016TP	17739
17825TP	18457	19248		17787
	18487	19248TP		17788
	18520	19267		17791
	18560	20052TP		NEUM
	18575TP	FAVR		19806
	18590	20290TP		19835
	18699	20471		19851
	18712	20500TP		19871
	18805TP	20565TP		19896
	18790	20690		19941
	18908	21175		19998
				20005
				20013

ALT 1,2,3,5
21090

ALT 1,2,3,5	ALT 1,2,5
20052	19668
20091	19676
20245	19799
20253	19845
20276	19874
20284	19886
20317	20000
20432	20016
20441	
20554	
20557	
20617	
20626	
20678	
20743	



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



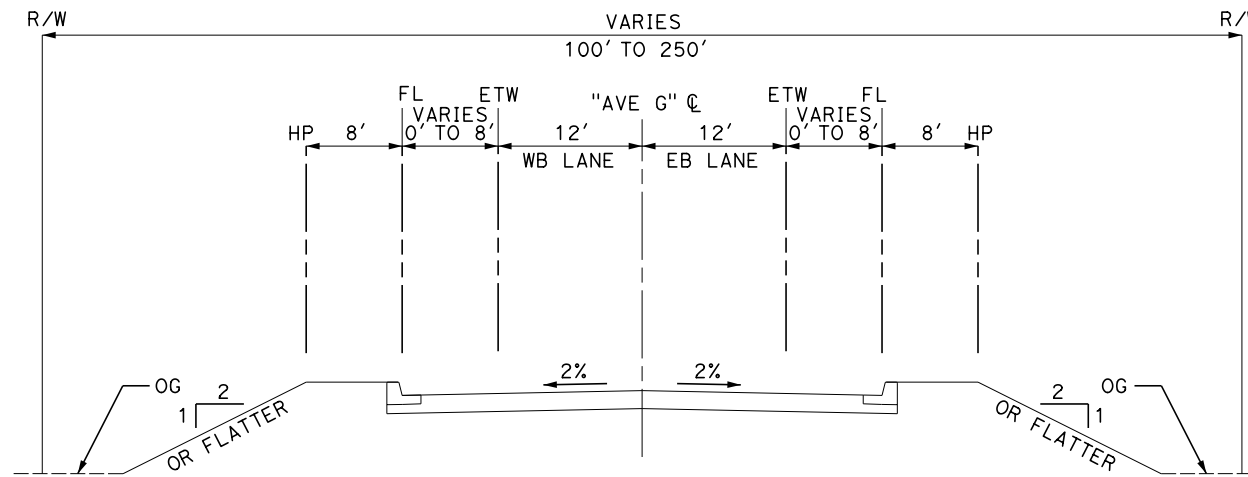
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 1,2,3,5
GENERAL
TYPICAL SECTIONS

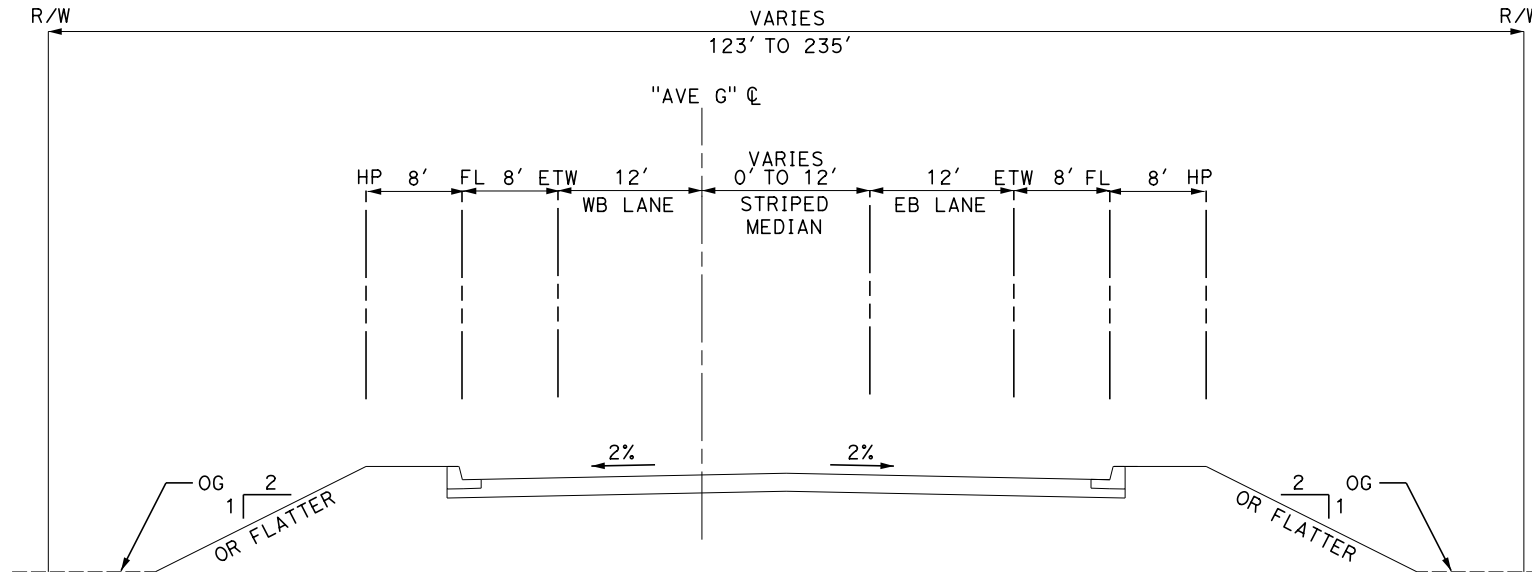
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3151
SCALE
AS SHOWN
SHEET NO.
48

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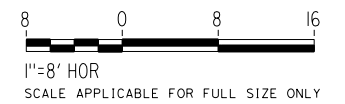
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AVE G
 STA 22+00 TO 34+25
 STA 37+10 TO 41+21
 STA 42+01 TO 42+41



AVE G
 STA 45+21 TO 51+00

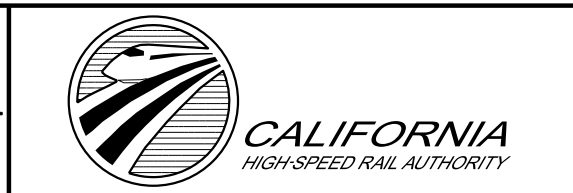


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

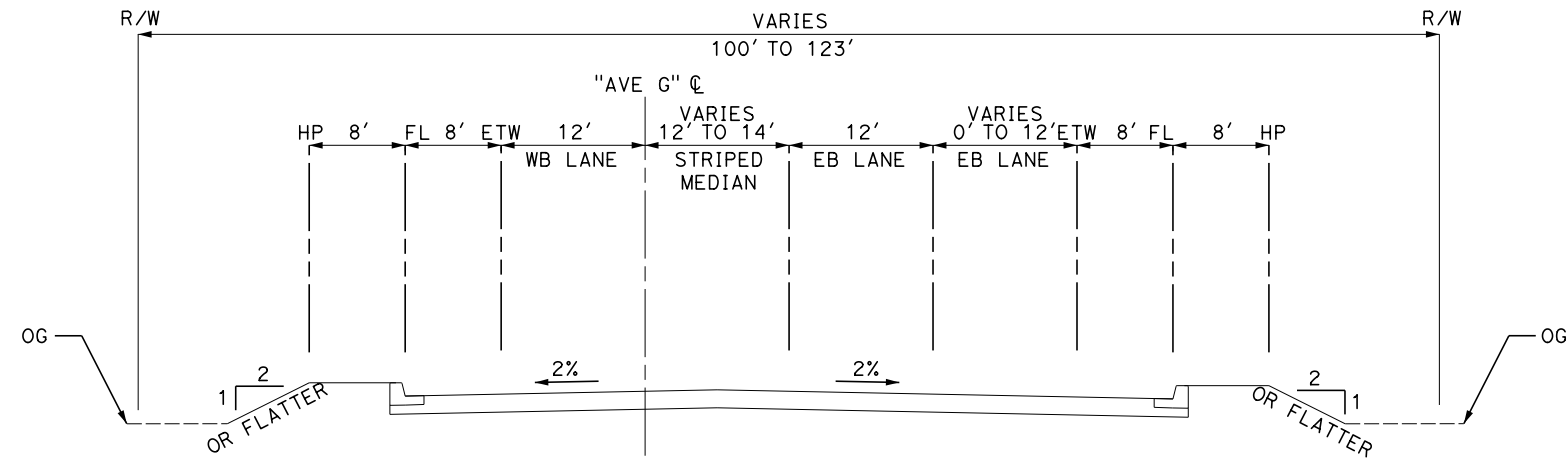


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 5
 GENERAL
 TYPICAL SECTIONS

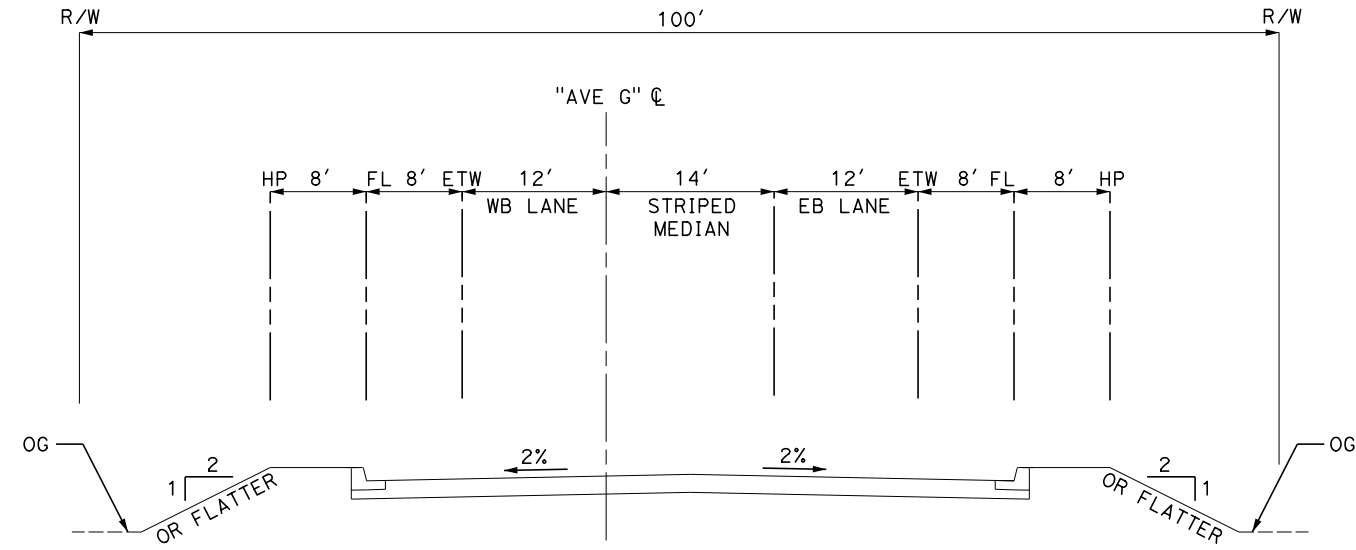
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 DRAWING NO.
CV-B3501
 SCALE
AS SHOWN
 SHEET NO.
49

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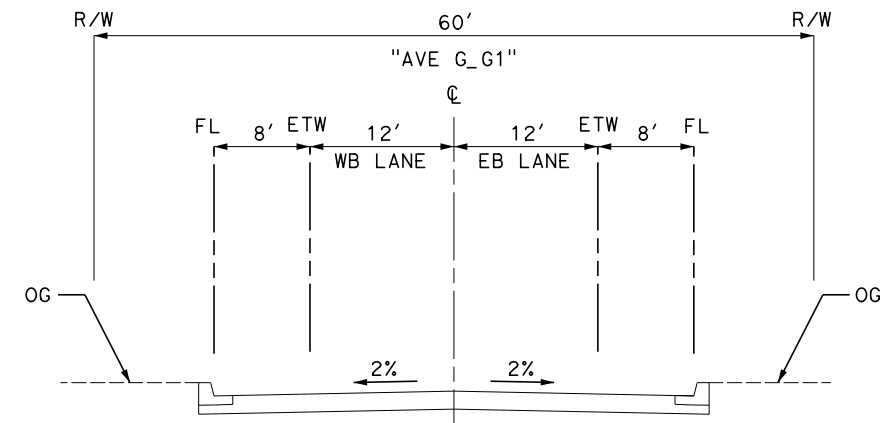
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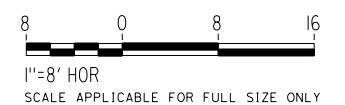
AVE G
STA 51+00 TO 52+95



AVE G
STA 52+95 TO 56+00



AVE G ROAD (AVE G - G1 AND G2)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

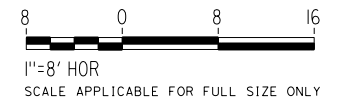
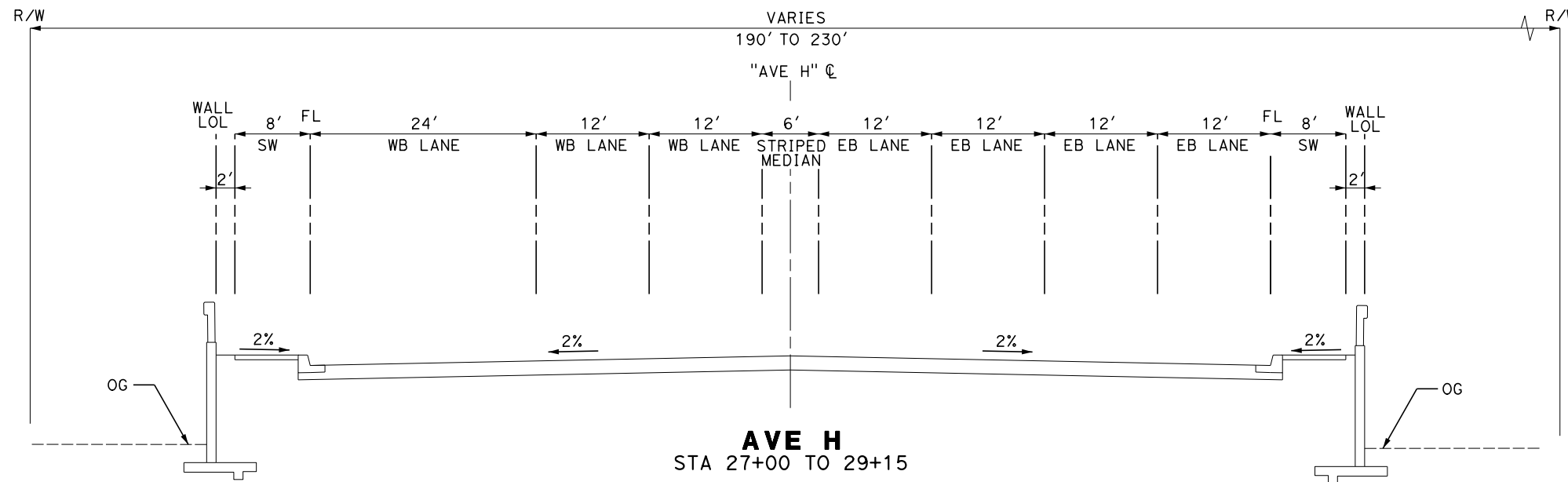
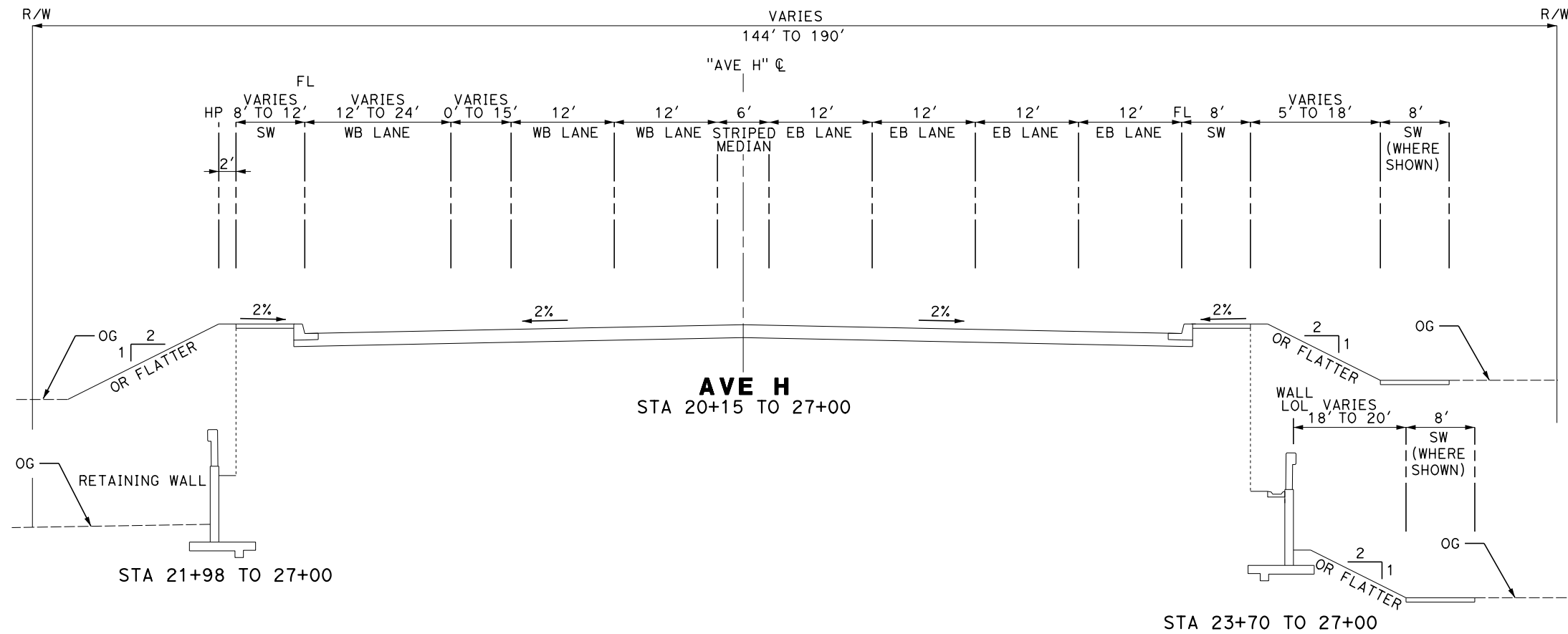


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3502
SCALE
AS SHOWN
SHEET NO.
50

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

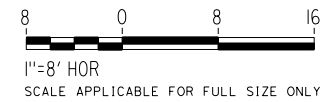
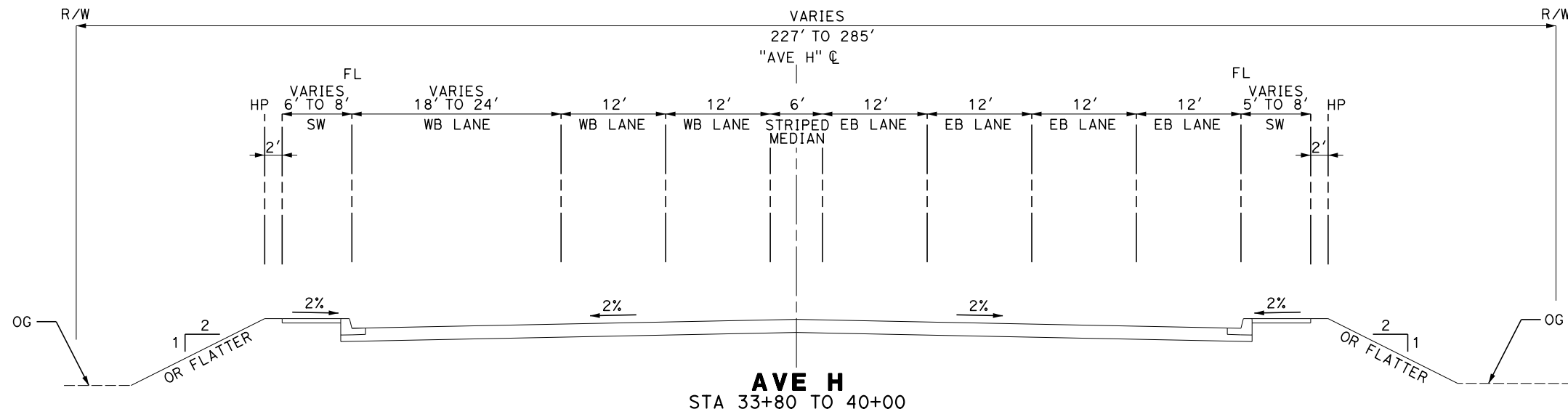
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CV-B3503

SCALE
AS SHOWN

SHEET NO.
51

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET

PEPD

SUBMITTAL

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CONSTRUCTION

TYLIN INTERNATIONAL



CALIFORNIA HIGH-SPEED RAIL PROJECT

BAKERSFIELD TO PALMDALE

ALTERNATIVE 5

GENERAL

TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

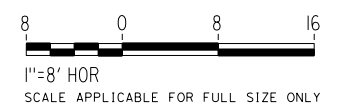
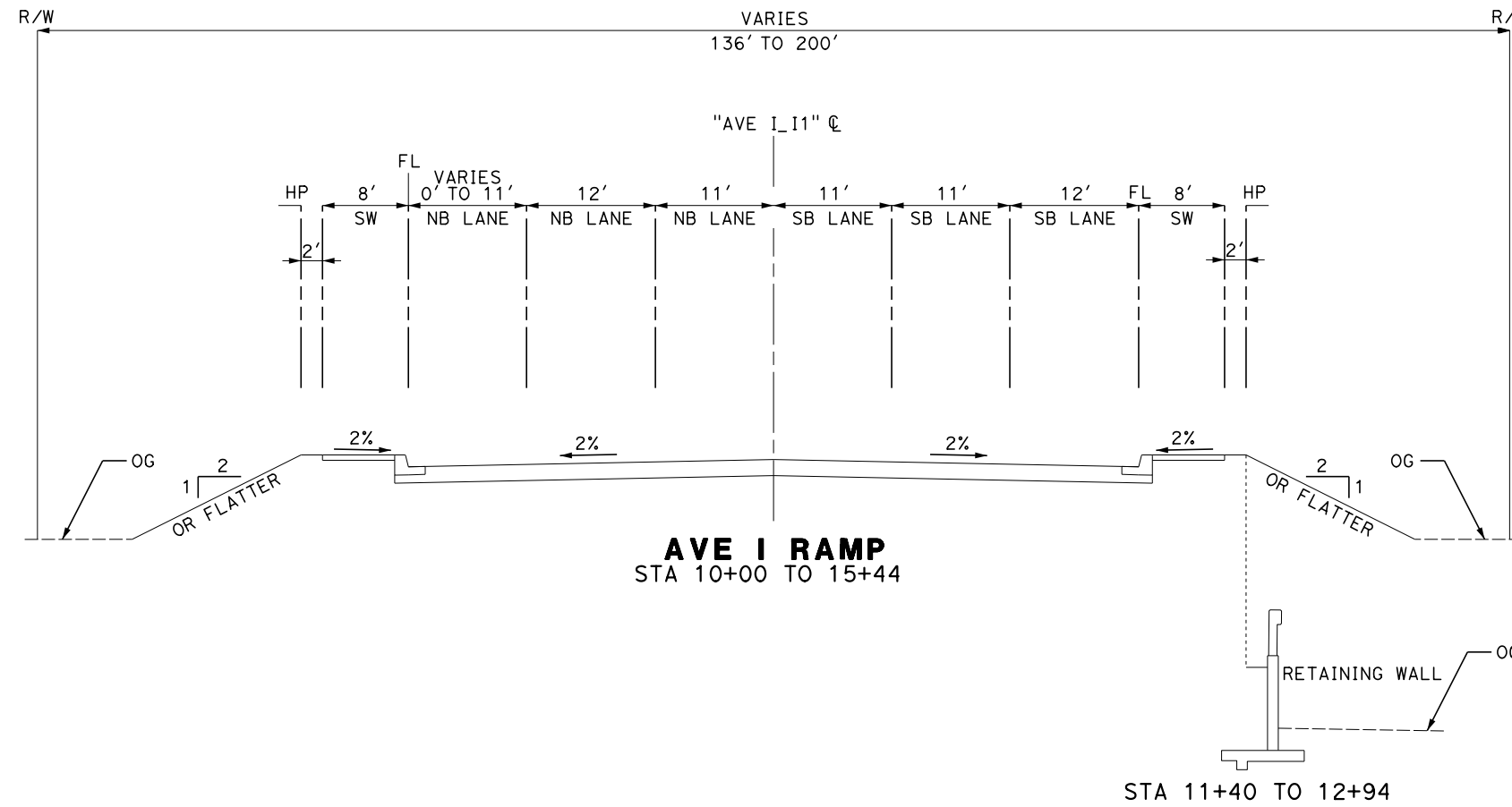
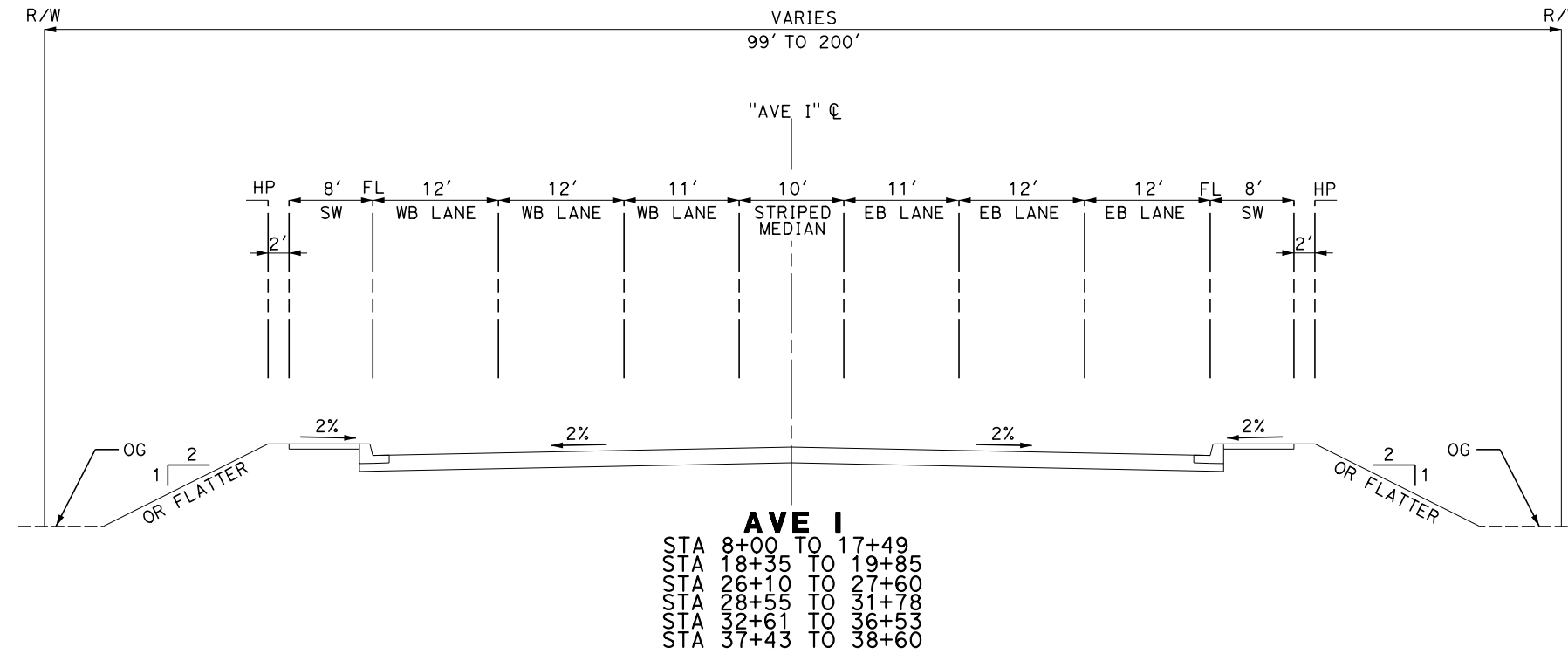
DRAWING NO.
CV-B3504

SCALE
AS SHOWN

SHEET NO.
52

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-B3508

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

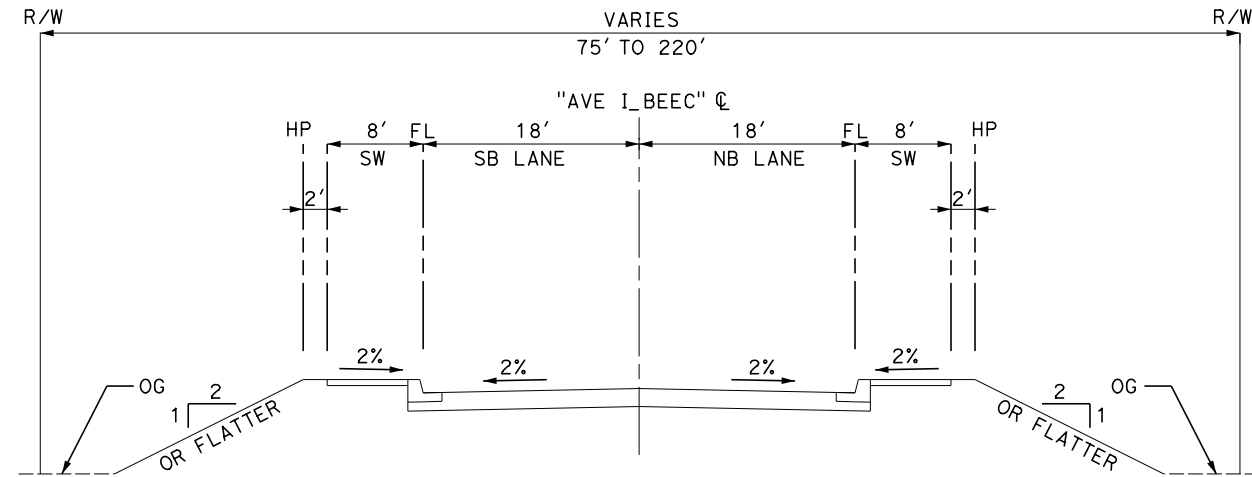


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 5
 GENERAL
 TYPICAL SECTIONS

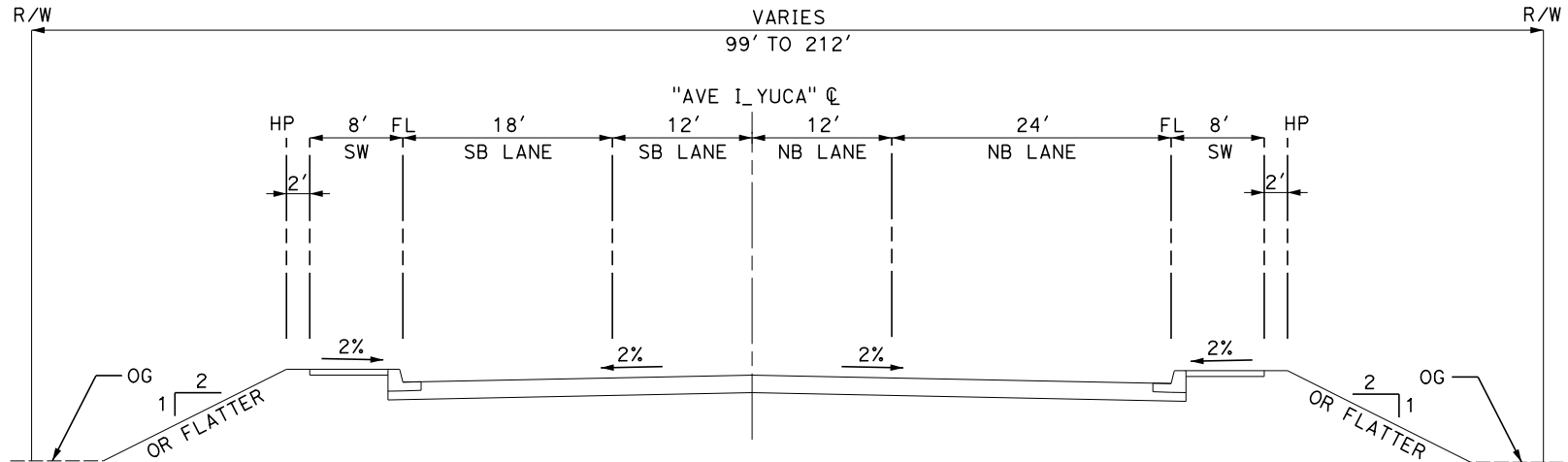
CONTRACT NO.
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 DRAWING NO.
CV-B3508
 SCALE
AS SHOWN
 SHEET NO.
53

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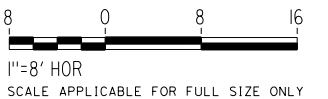
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BEECH AVE (AVE I)



YUCCA AVE (AVE I)



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



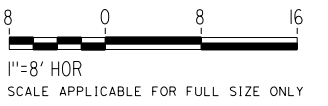
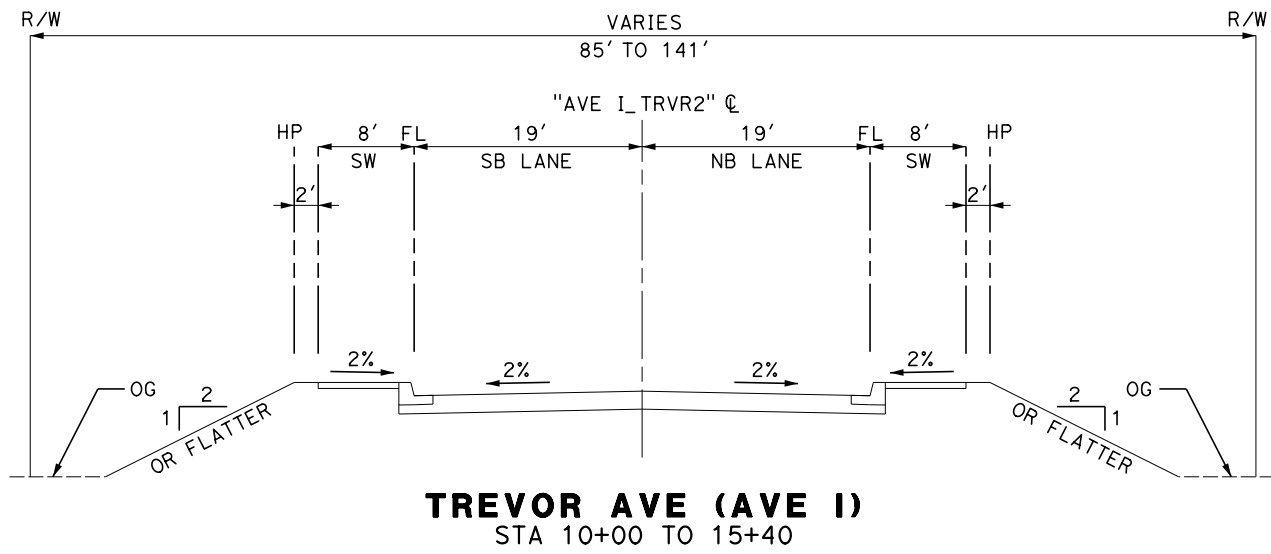
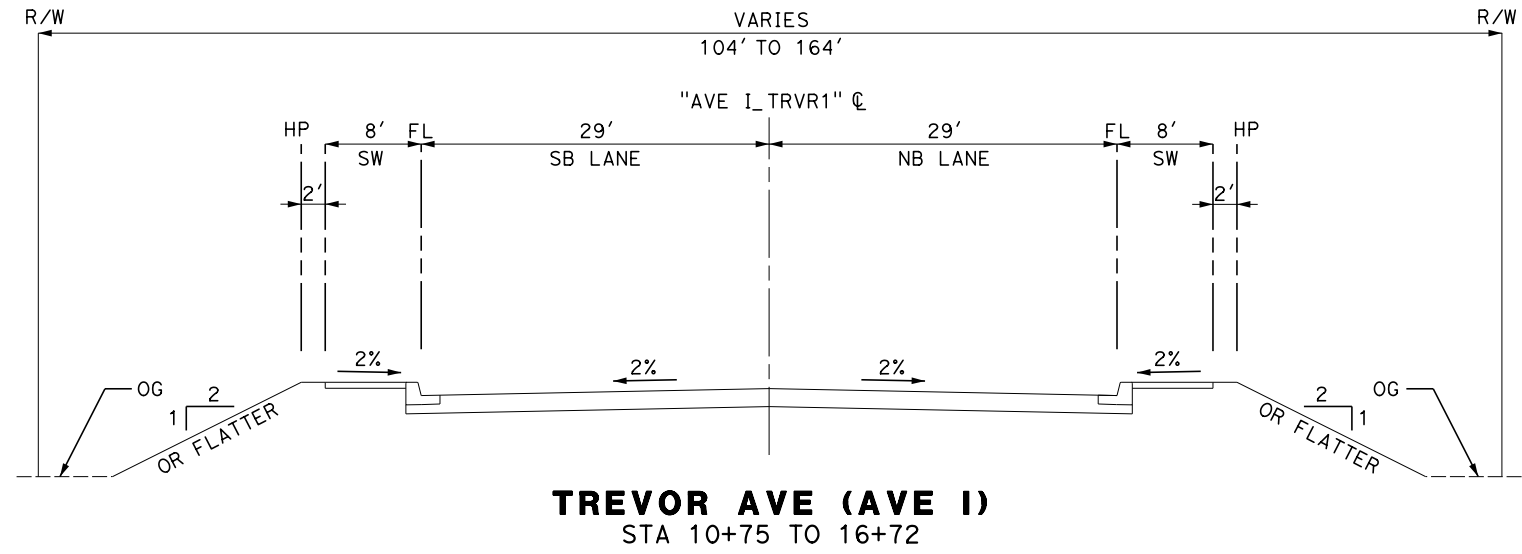
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3509
SCALE
AS SHOWN
SHEET NO.
54

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

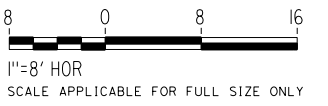
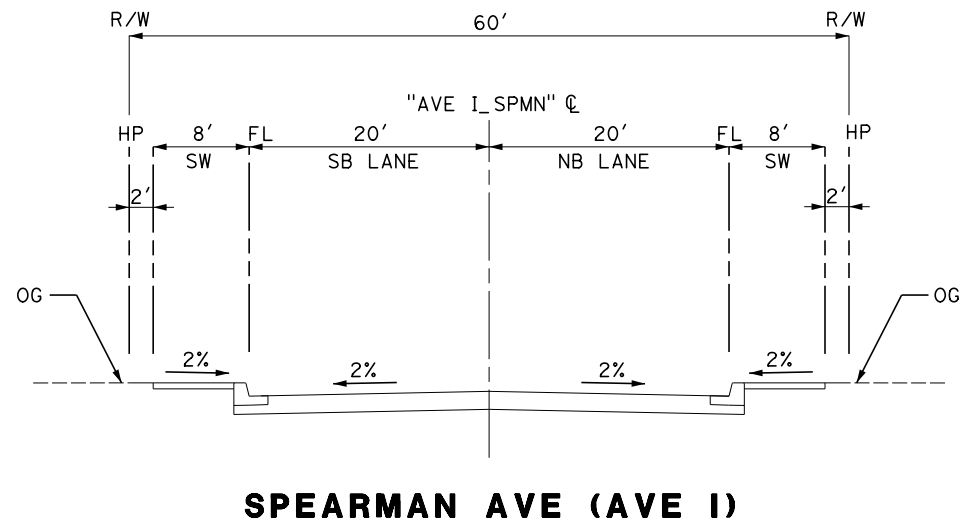


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3510
SCALE
AS SHOWN
SHEET NO.
55

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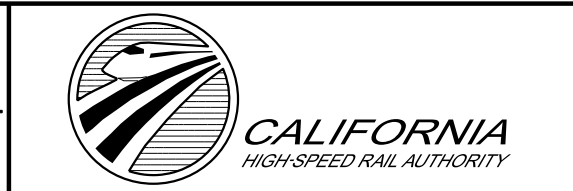


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
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CONSTRUCTION**



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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

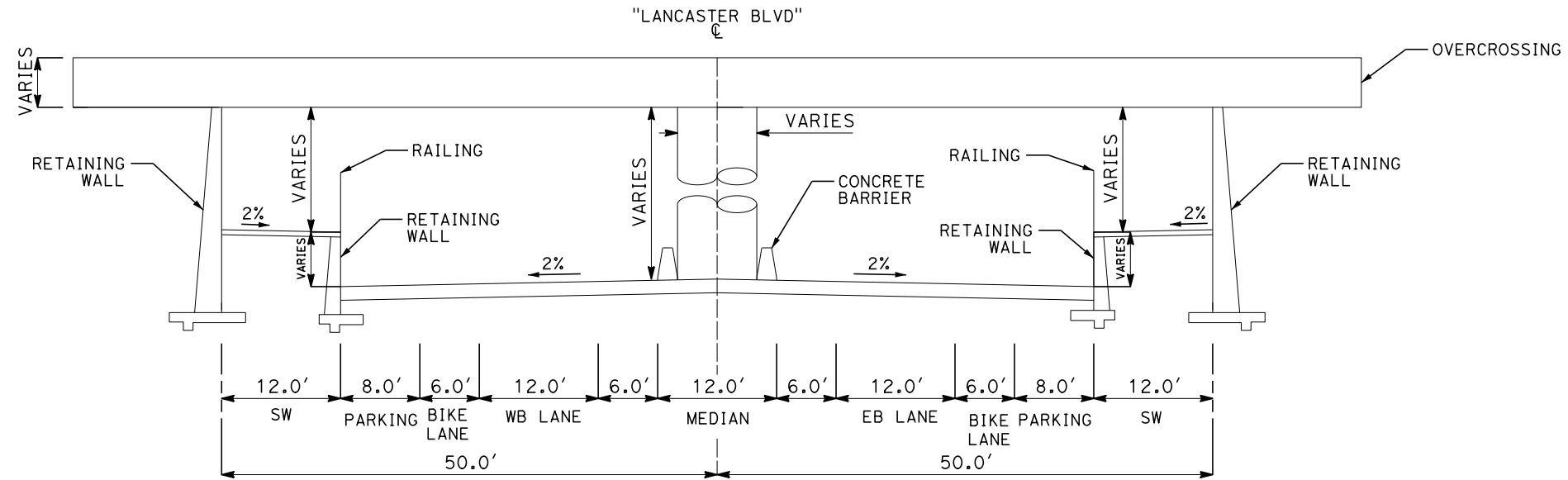
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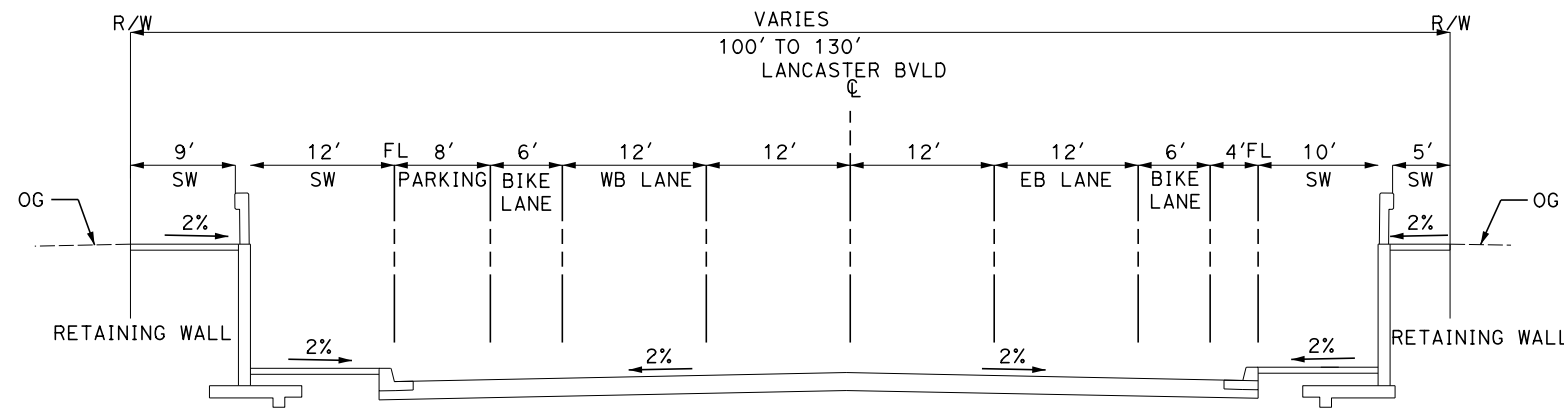
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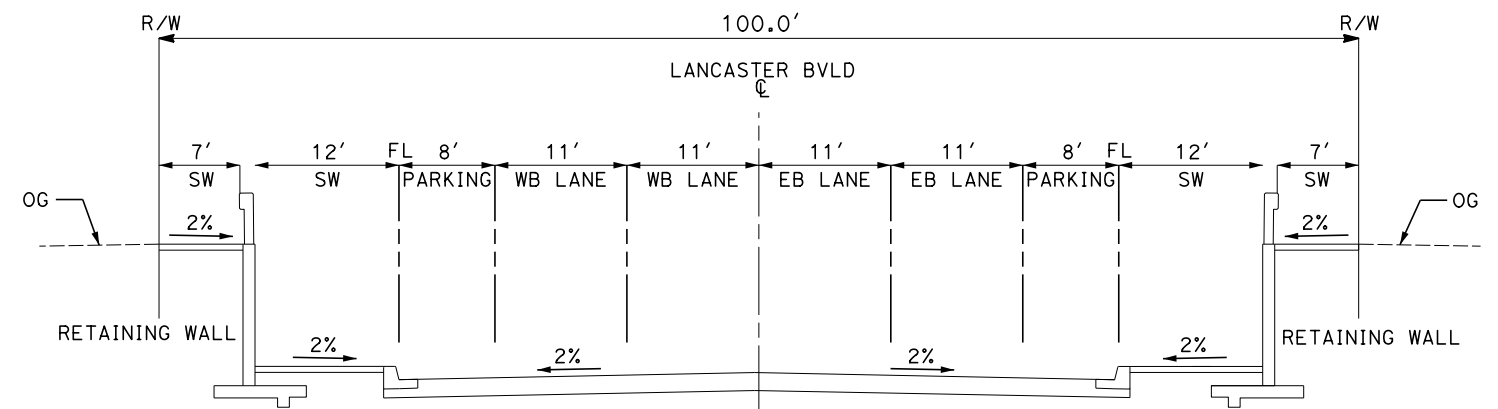
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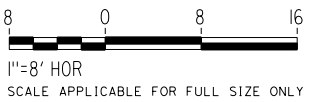
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 STA 10+08 TO 10+97
 STA 11+36 TO 11+86
 STA 13+35 TO 13+78
 STA 16+72 TO 17+37



LANCASTER BLVD
 STA 9+20 TO 10+08
 STA 10+97 TO 11+36
 STA 11+86 TO 13+35
 STA 13+78 TO 16+72



LANCASTER BLVD
 STA 18+40 TO 20+70
 STA 21+36 TO 22+16



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

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CONSTRUCTION

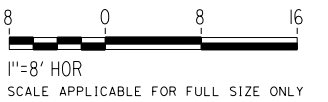
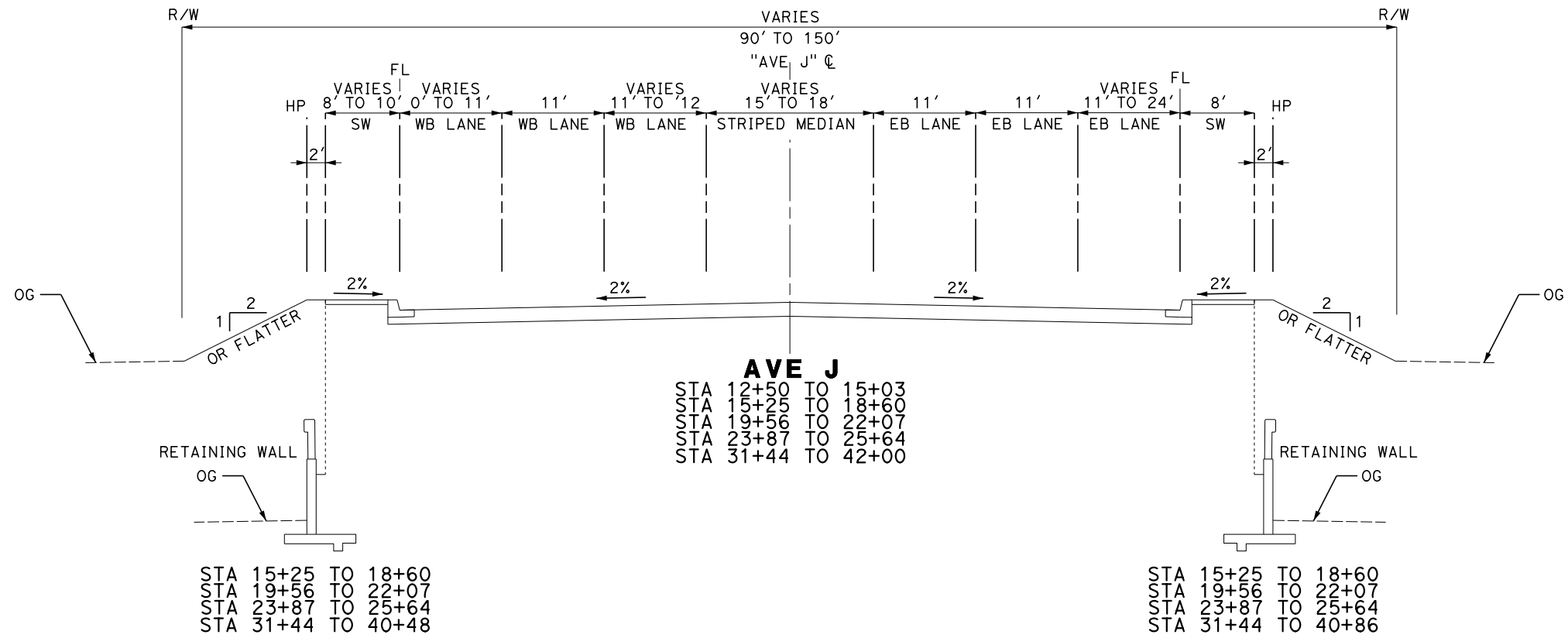


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3512
 SCALE
AS SHOWN
 SHEET NO.
57

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

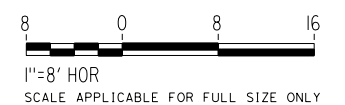
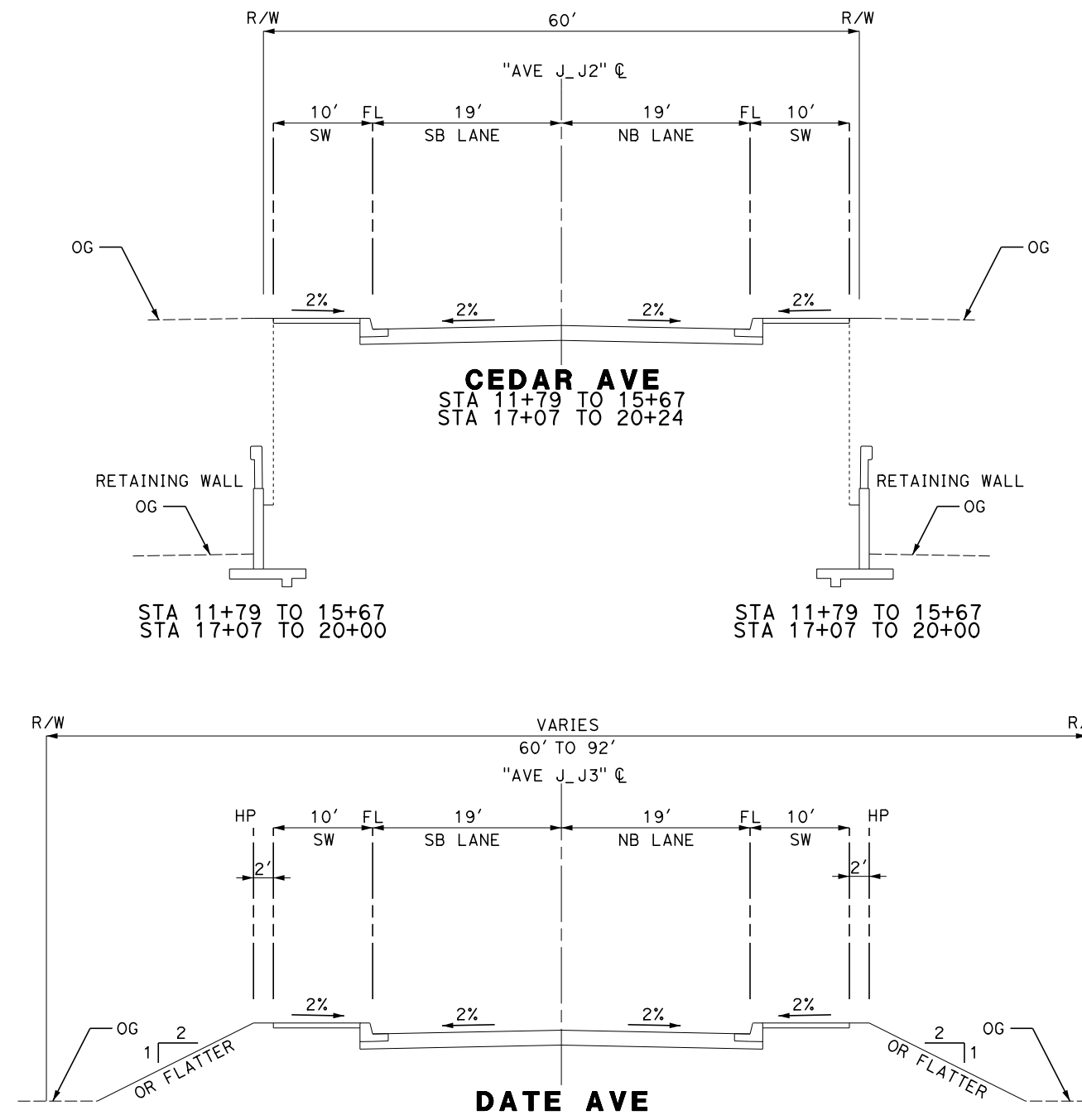
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SCALE
AS SHOWN

SHEET NO.
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

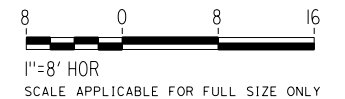
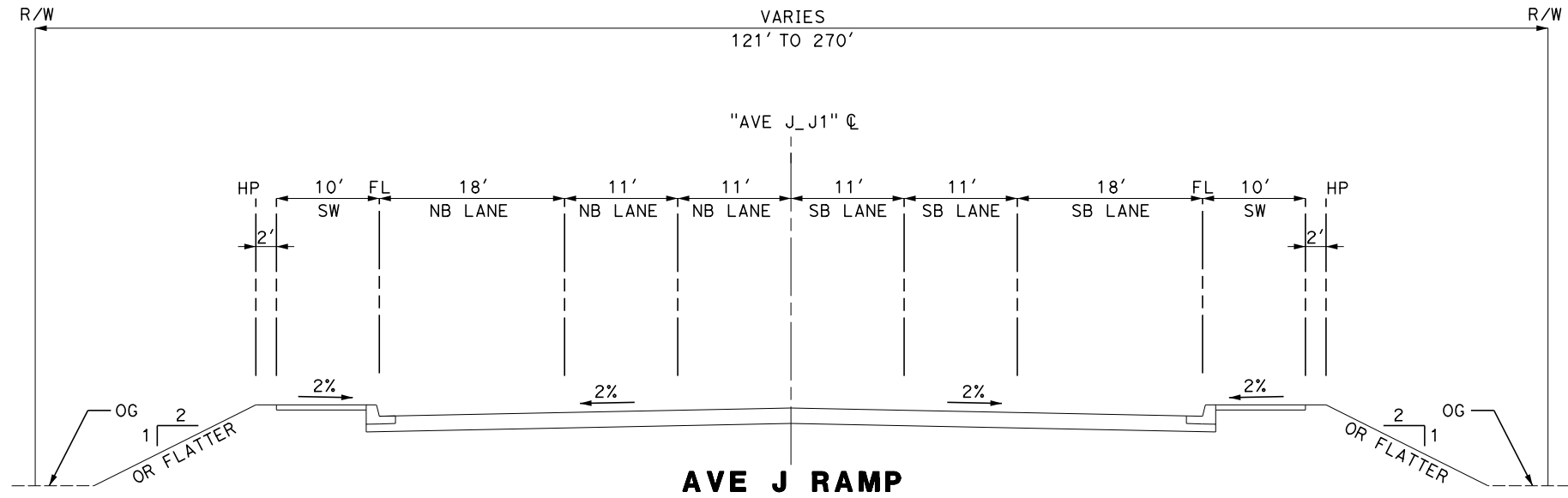
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SCALE
AS SHOWN

SHEET NO.
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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PEPD
SUBMITTAL**

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CONSTRUCTION**



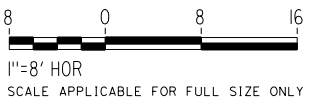
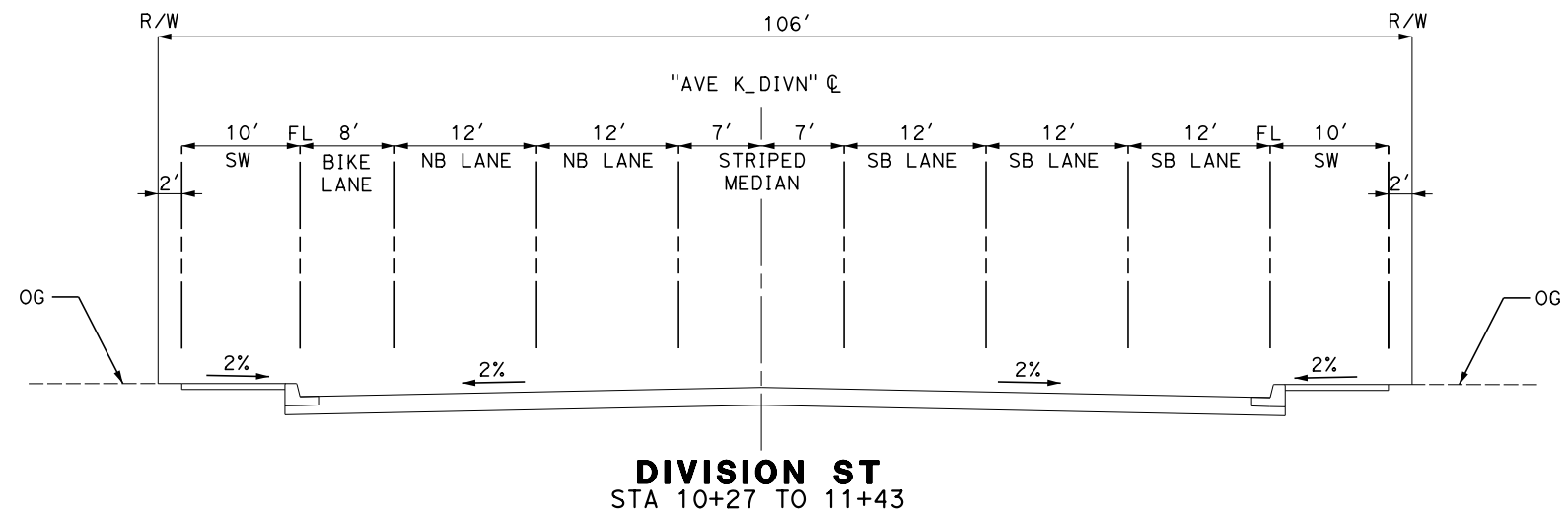
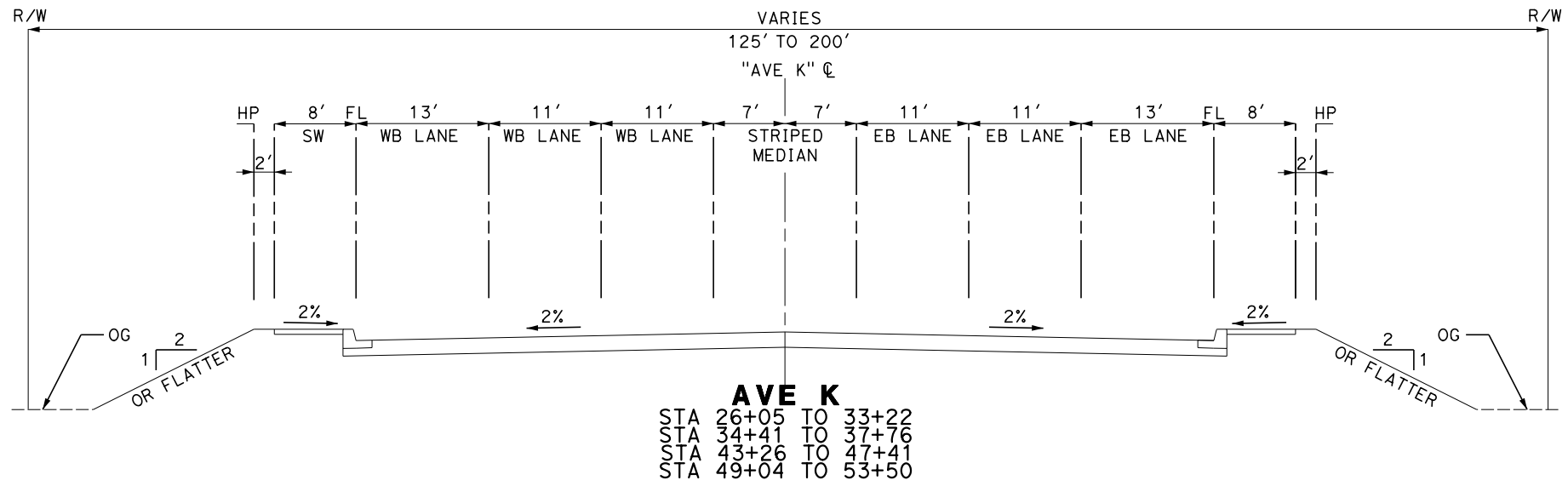
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3516
SCALE
AS SHOWN
SHEET NO.
60

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION

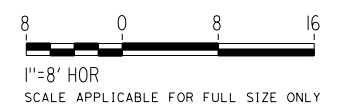
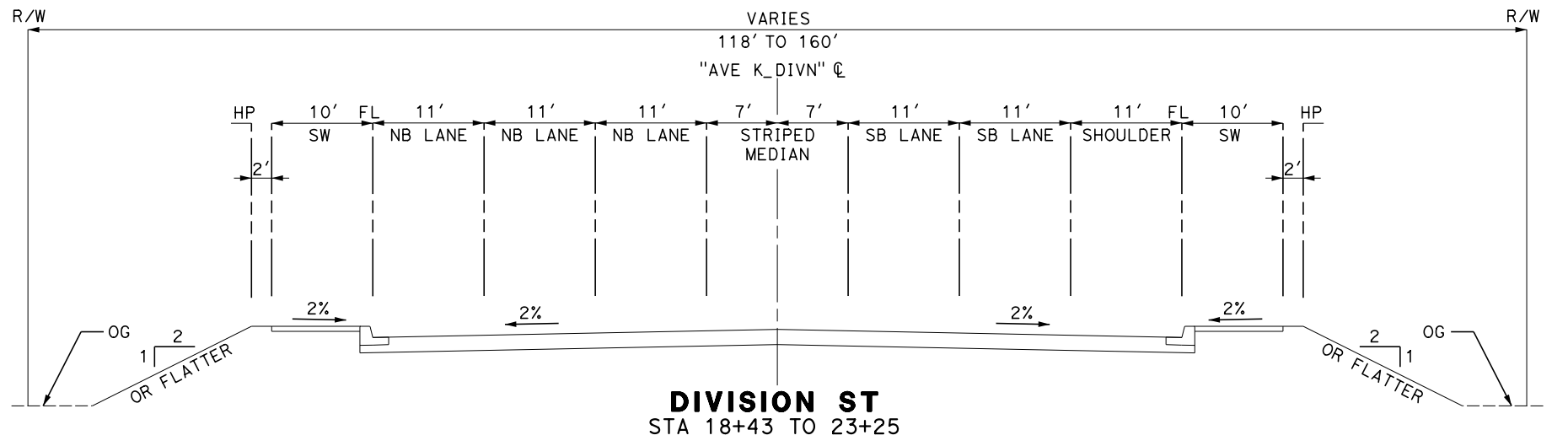
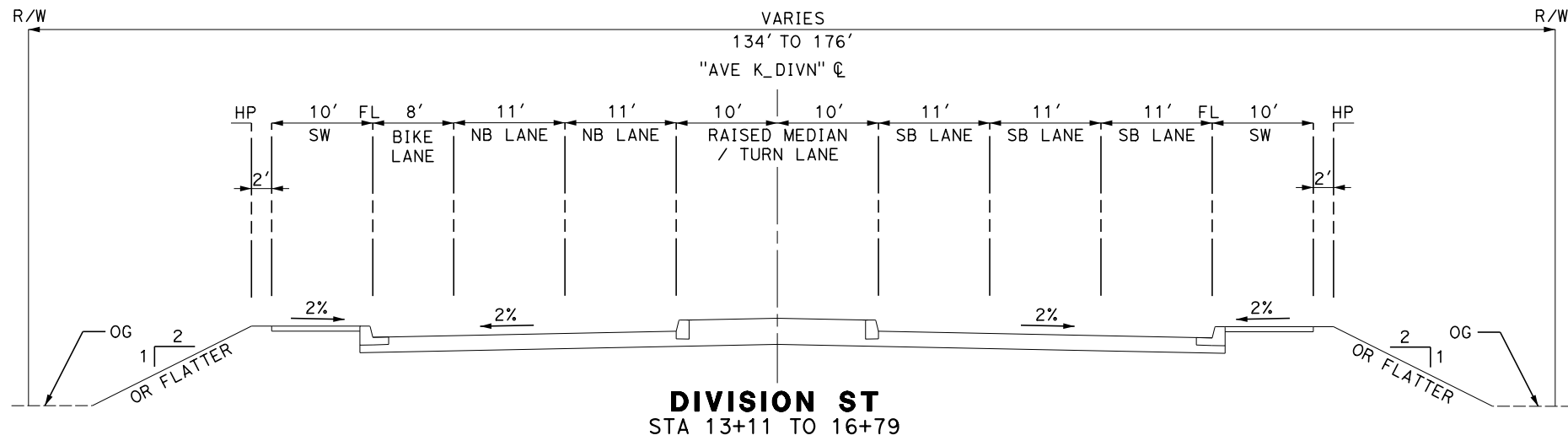


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 5
 GENERAL
 TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-B3517
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AS SHOWN
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61

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

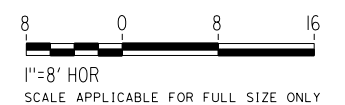
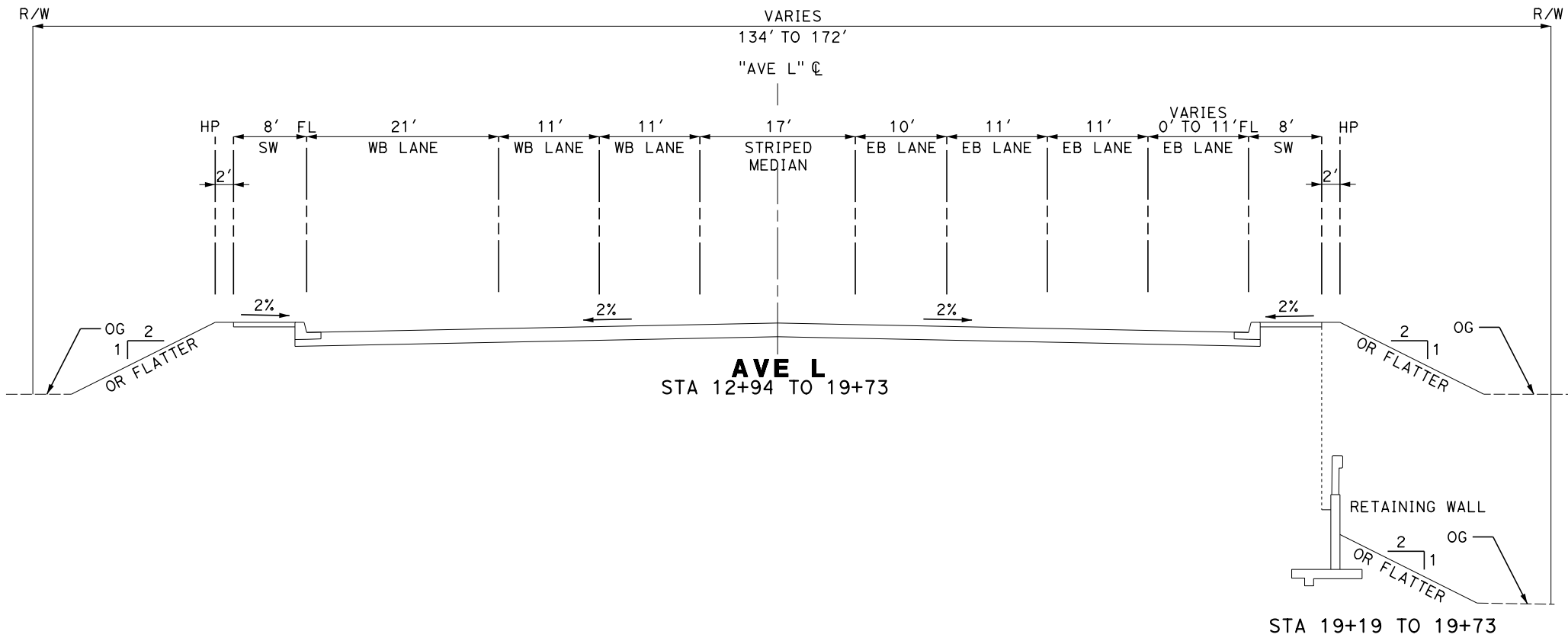
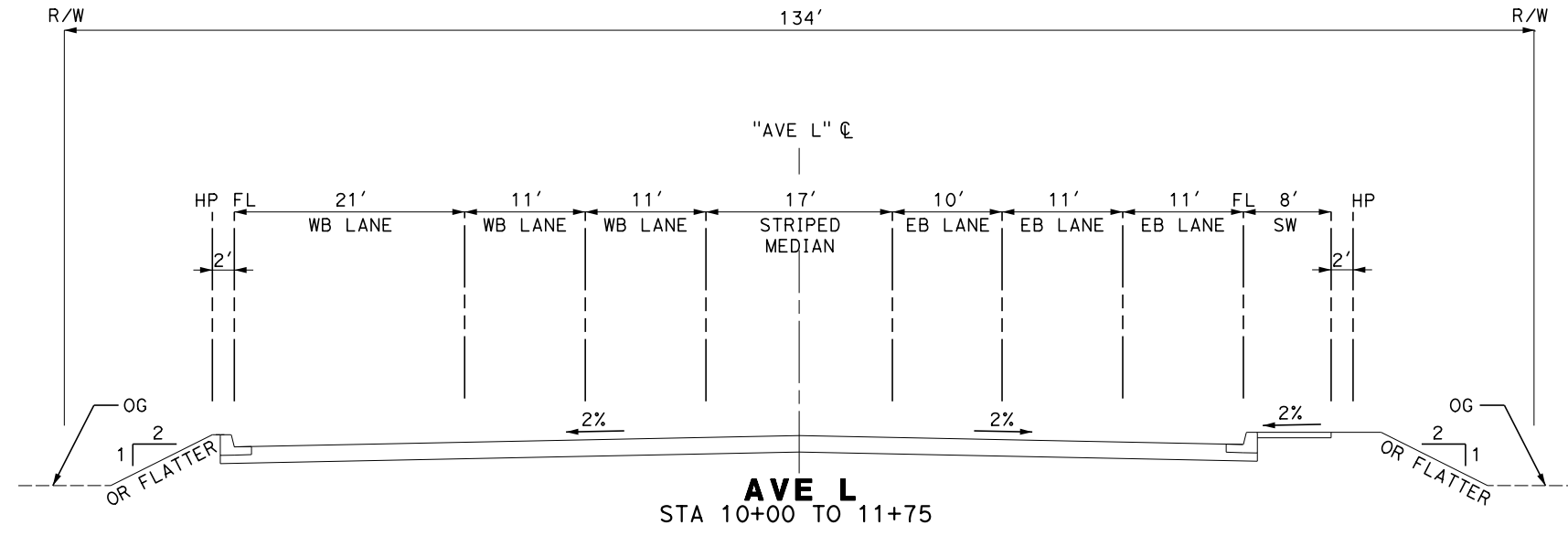
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AS SHOWN

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
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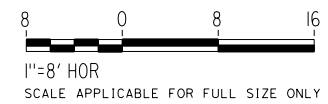
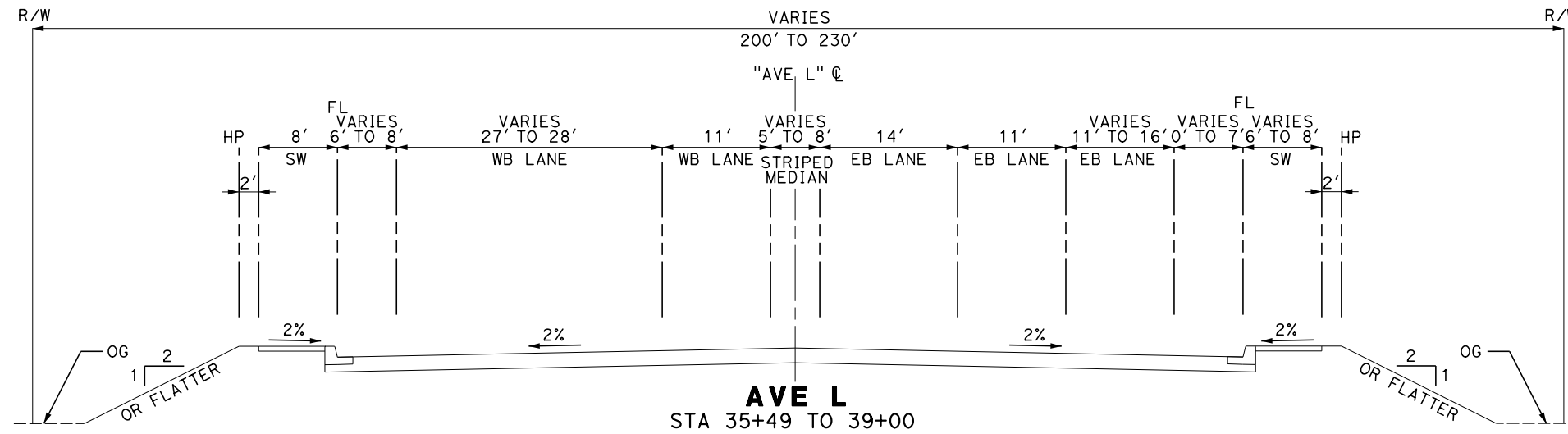
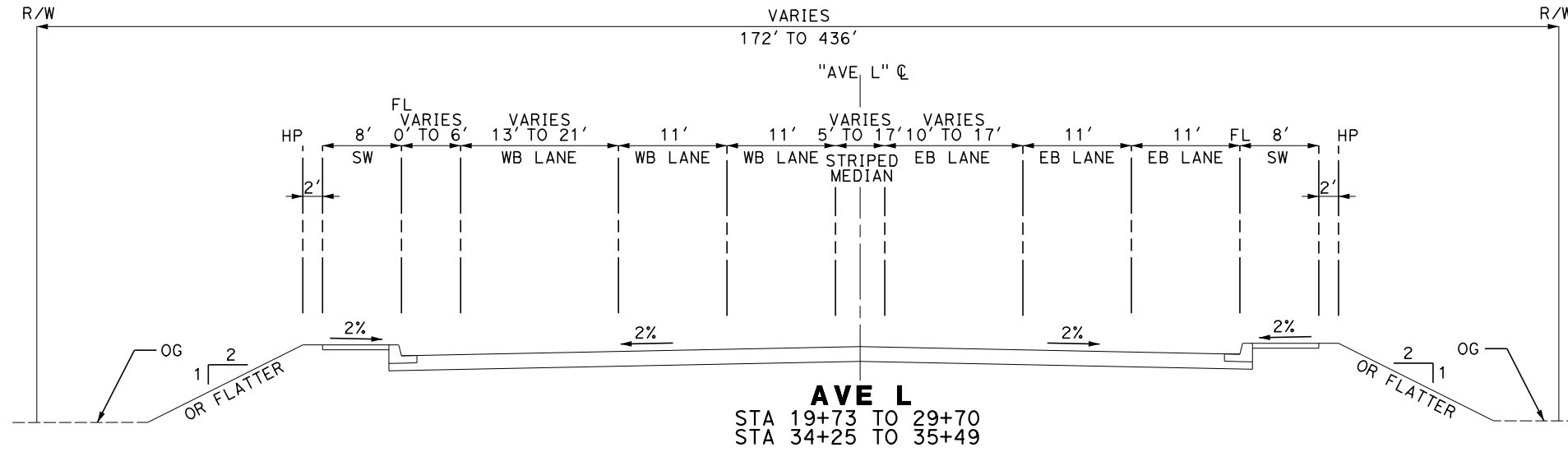


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
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SCALE
AS SHOWN
SHEET NO.
63

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
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E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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SUBMITTAL**

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CONSTRUCTION**



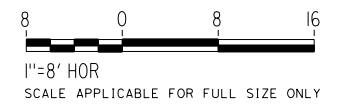
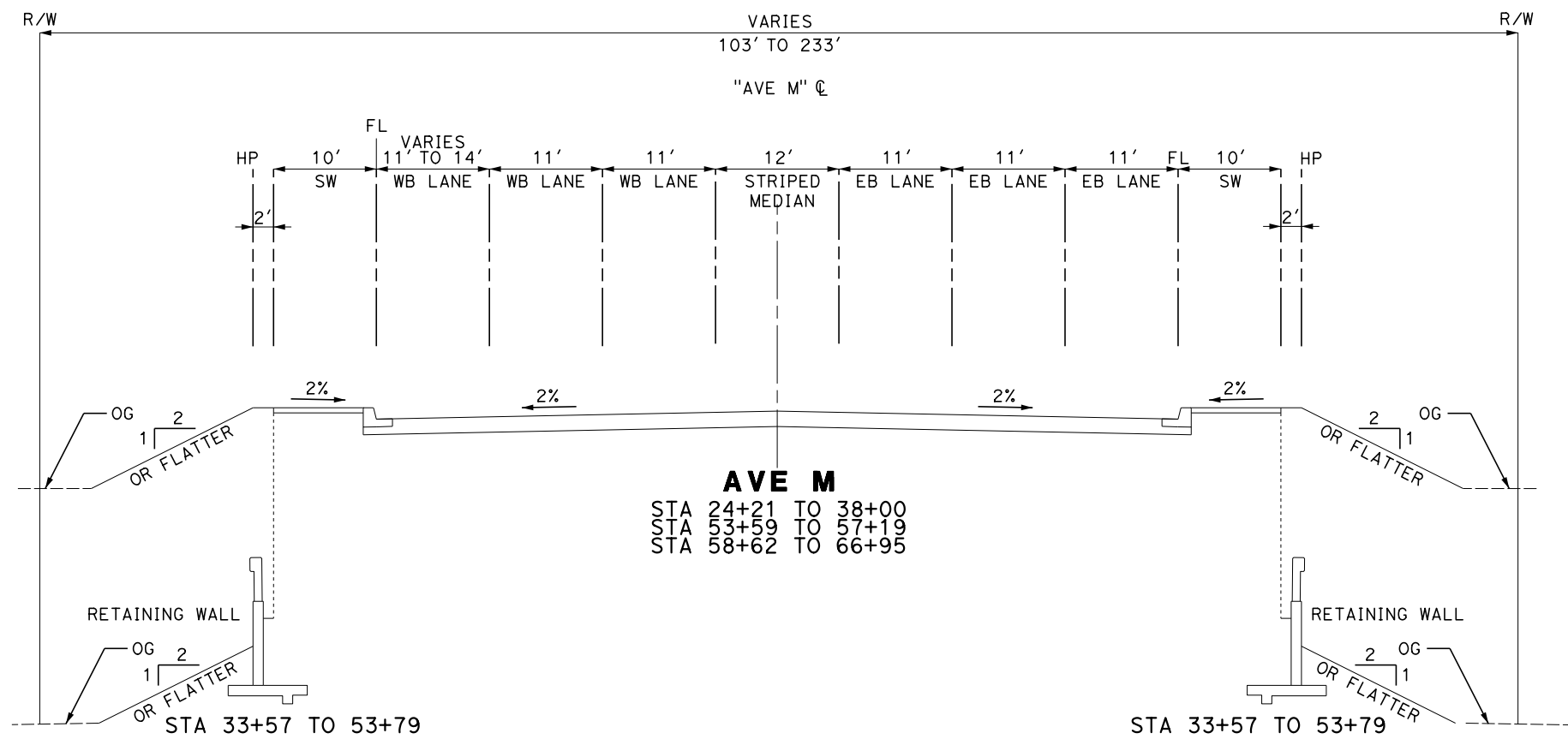
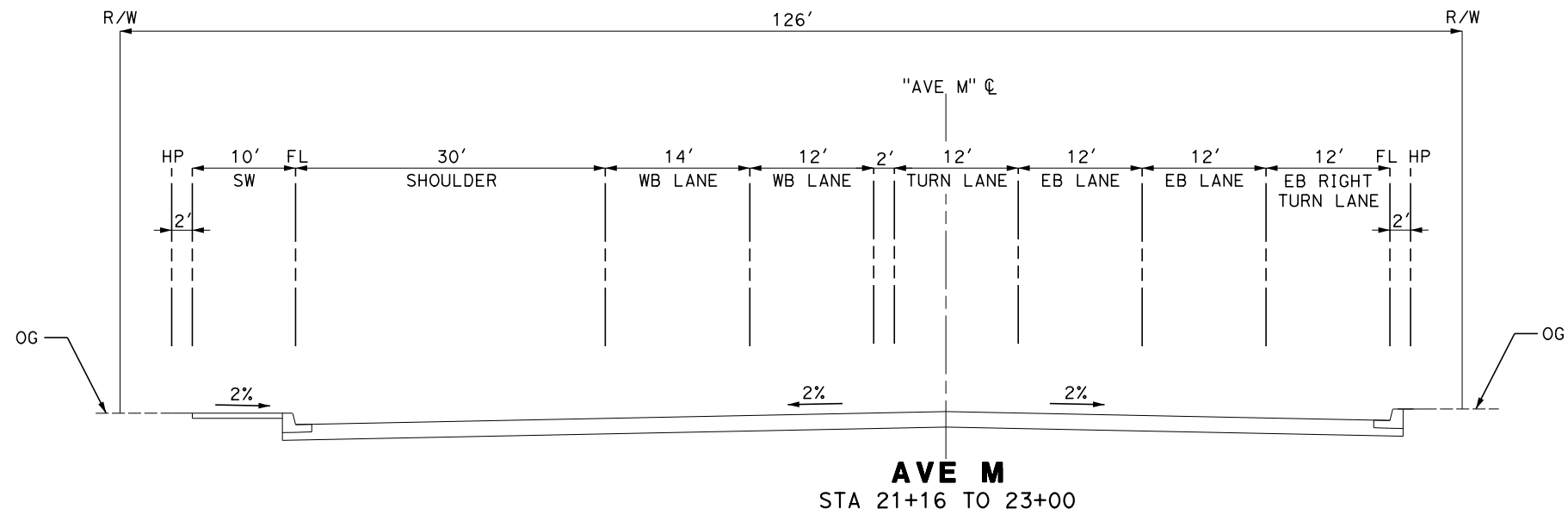
**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
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CV-B3520
SCALE
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SHEET NO.
64

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DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
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CONSTRUCTION

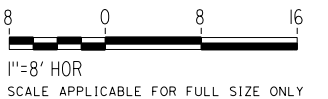
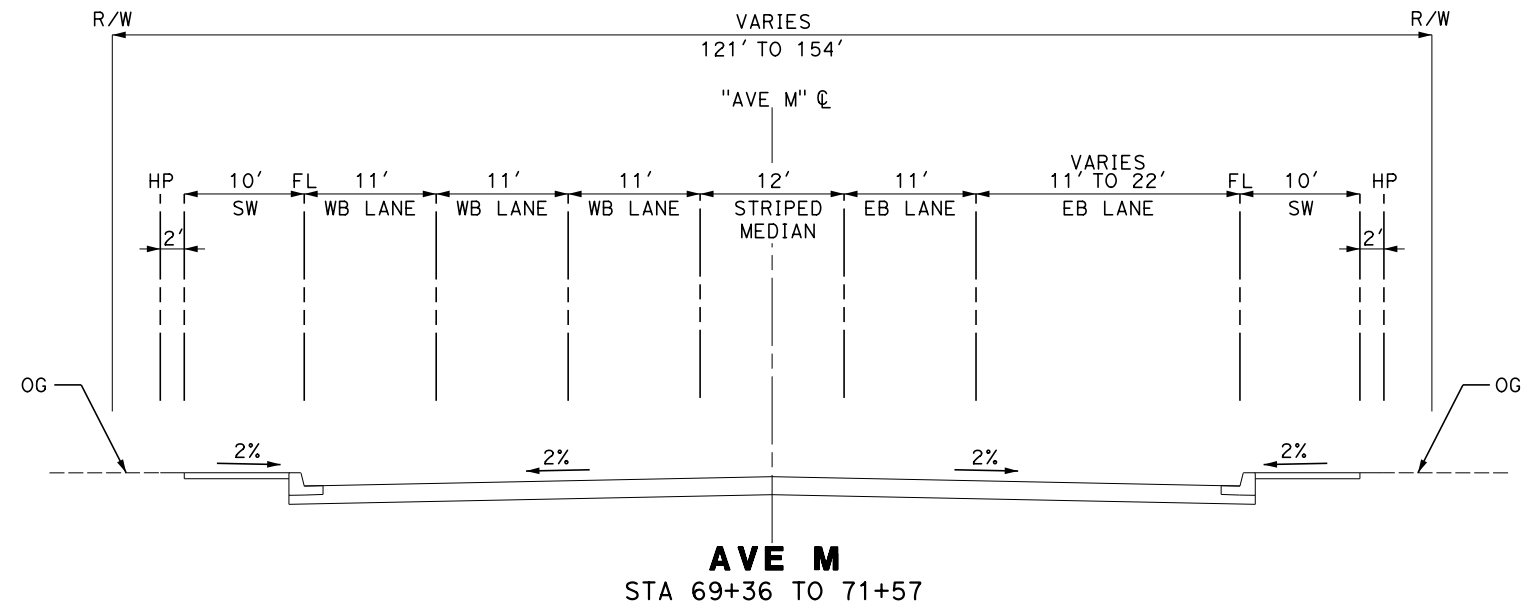
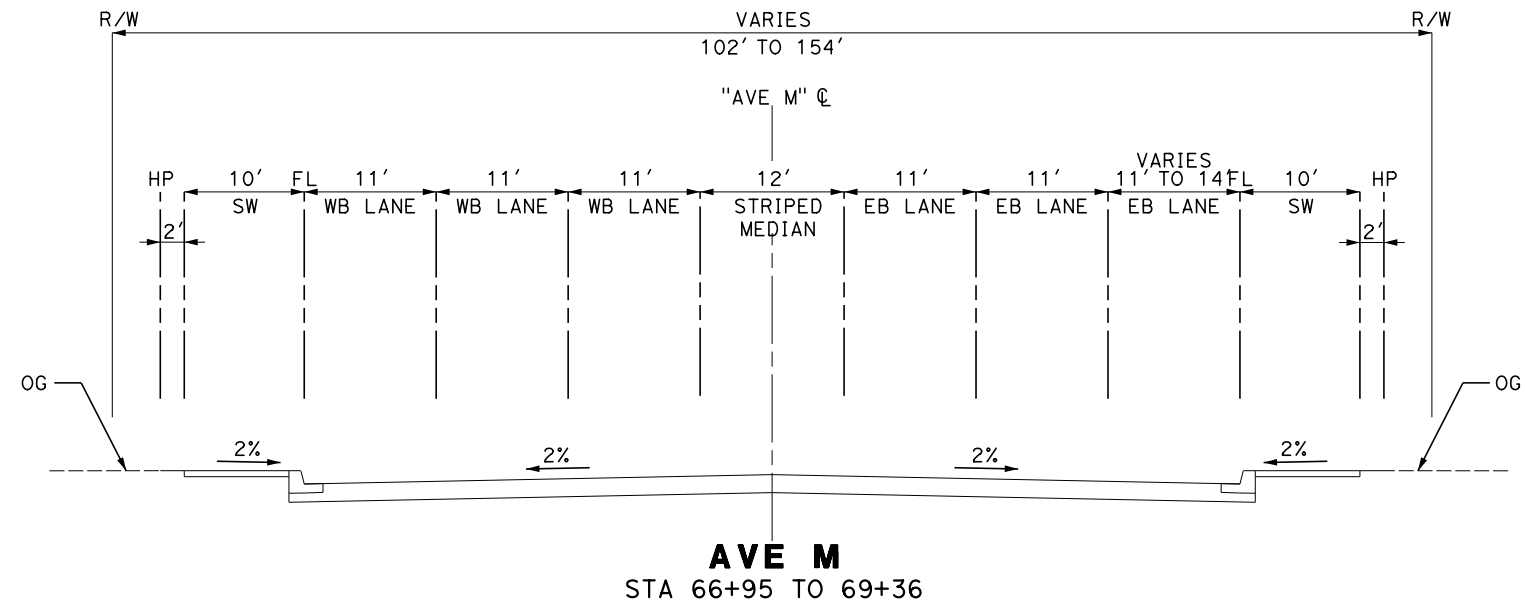


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
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DRAWING NO.
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AS SHOWN
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65

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

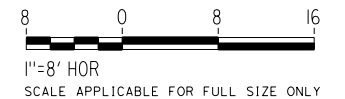
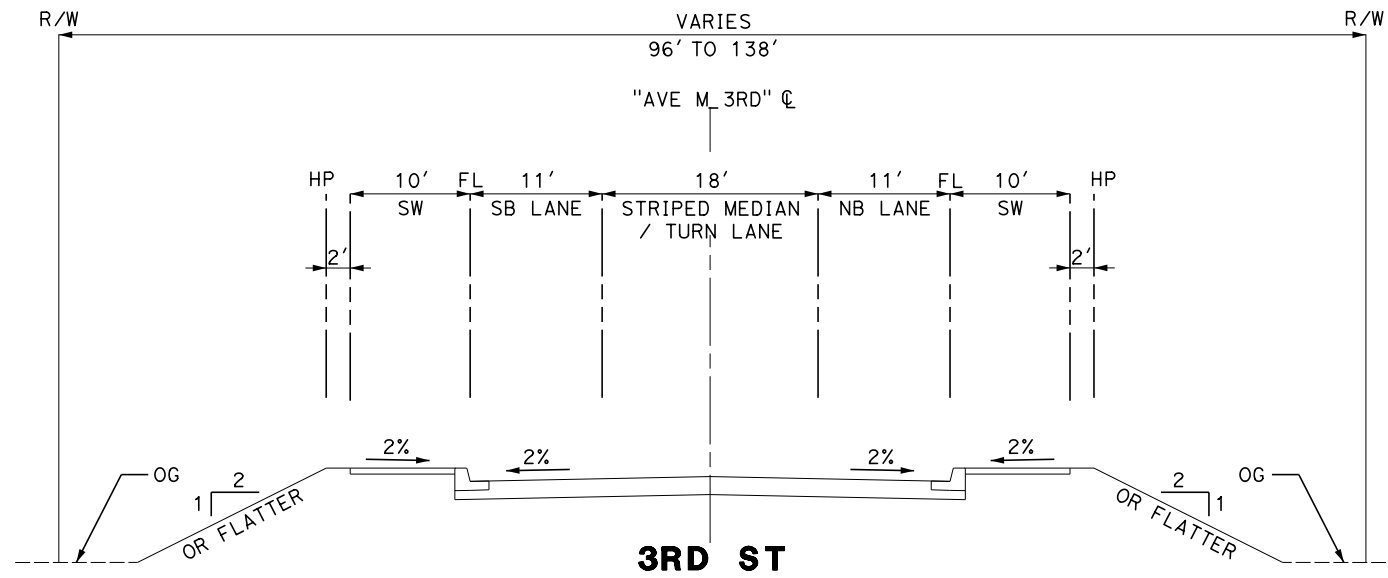
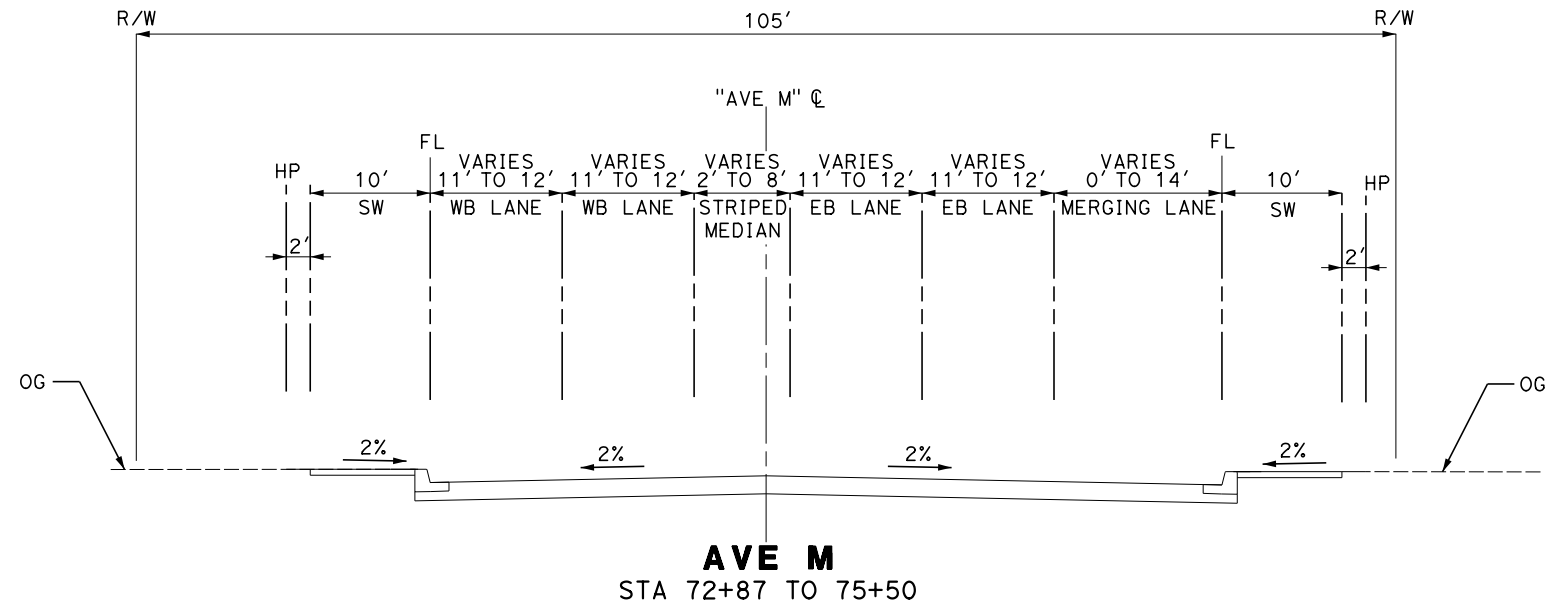
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AS SHOWN

SHEET NO.
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

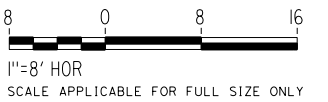
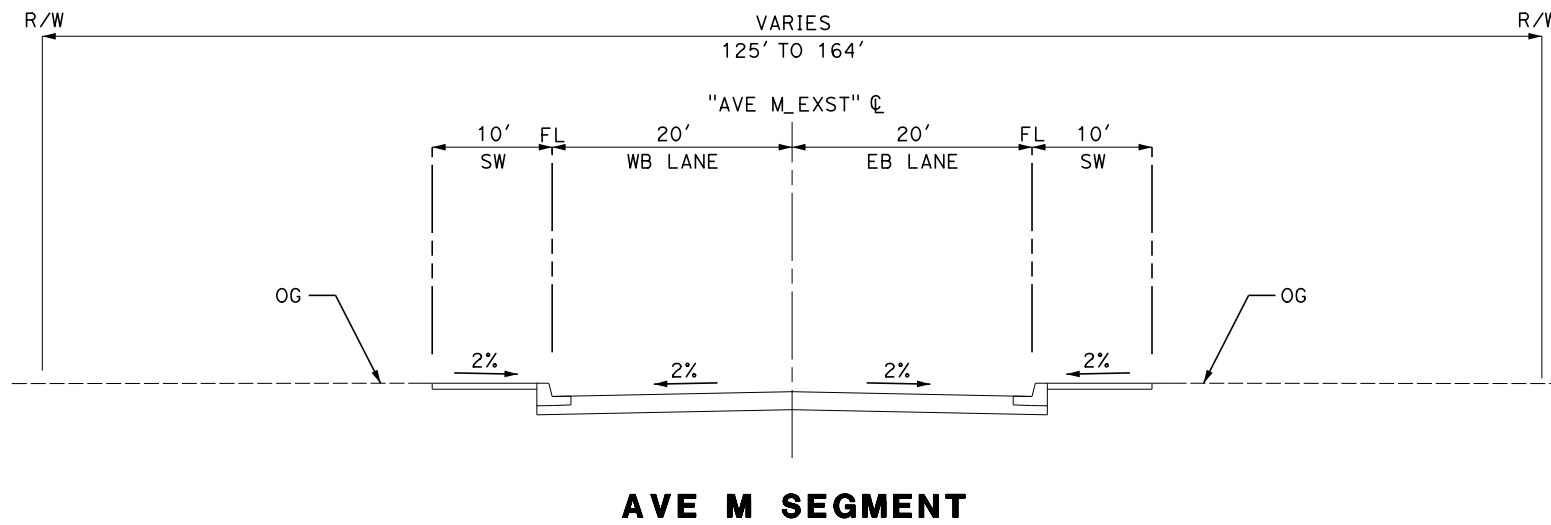
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SHEET NO.
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

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

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44

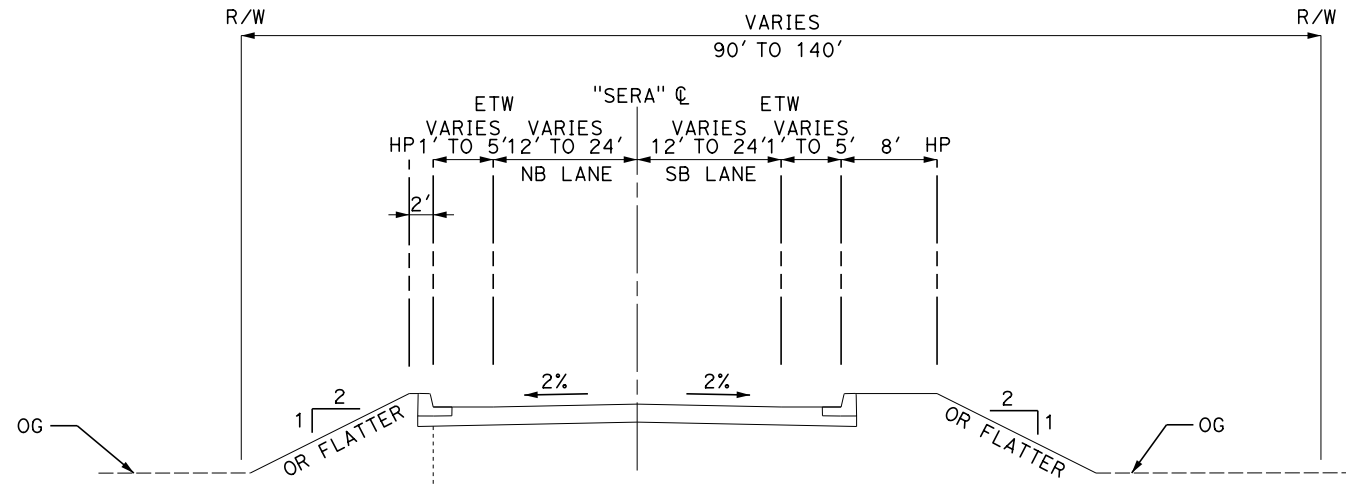
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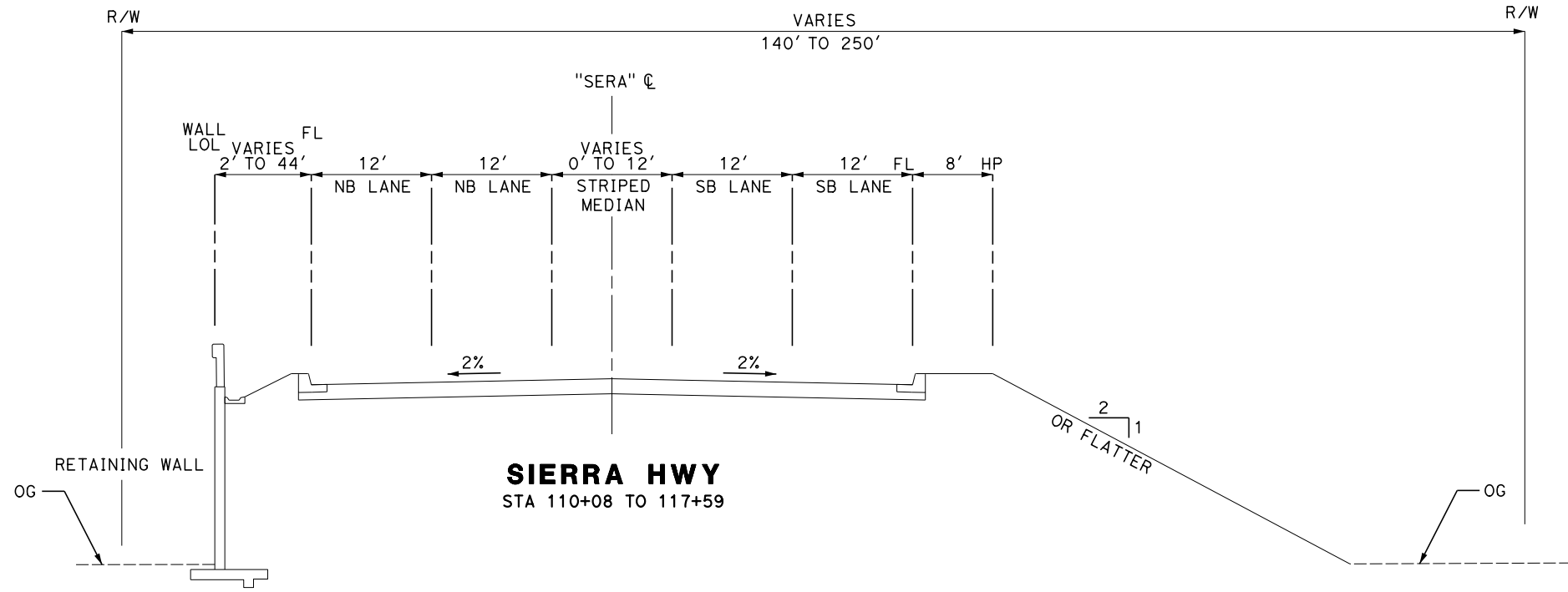
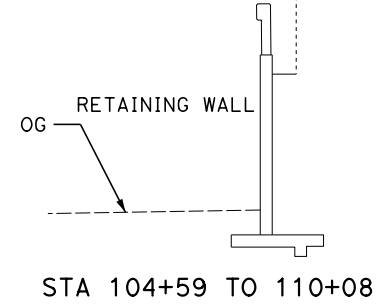
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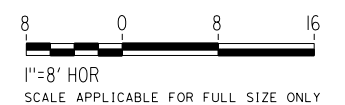
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SIERRA HWY
STA 101+95 TO 110+08



SIERRA HWY
STA 110+08 TO 117+59



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION

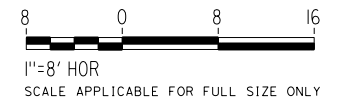
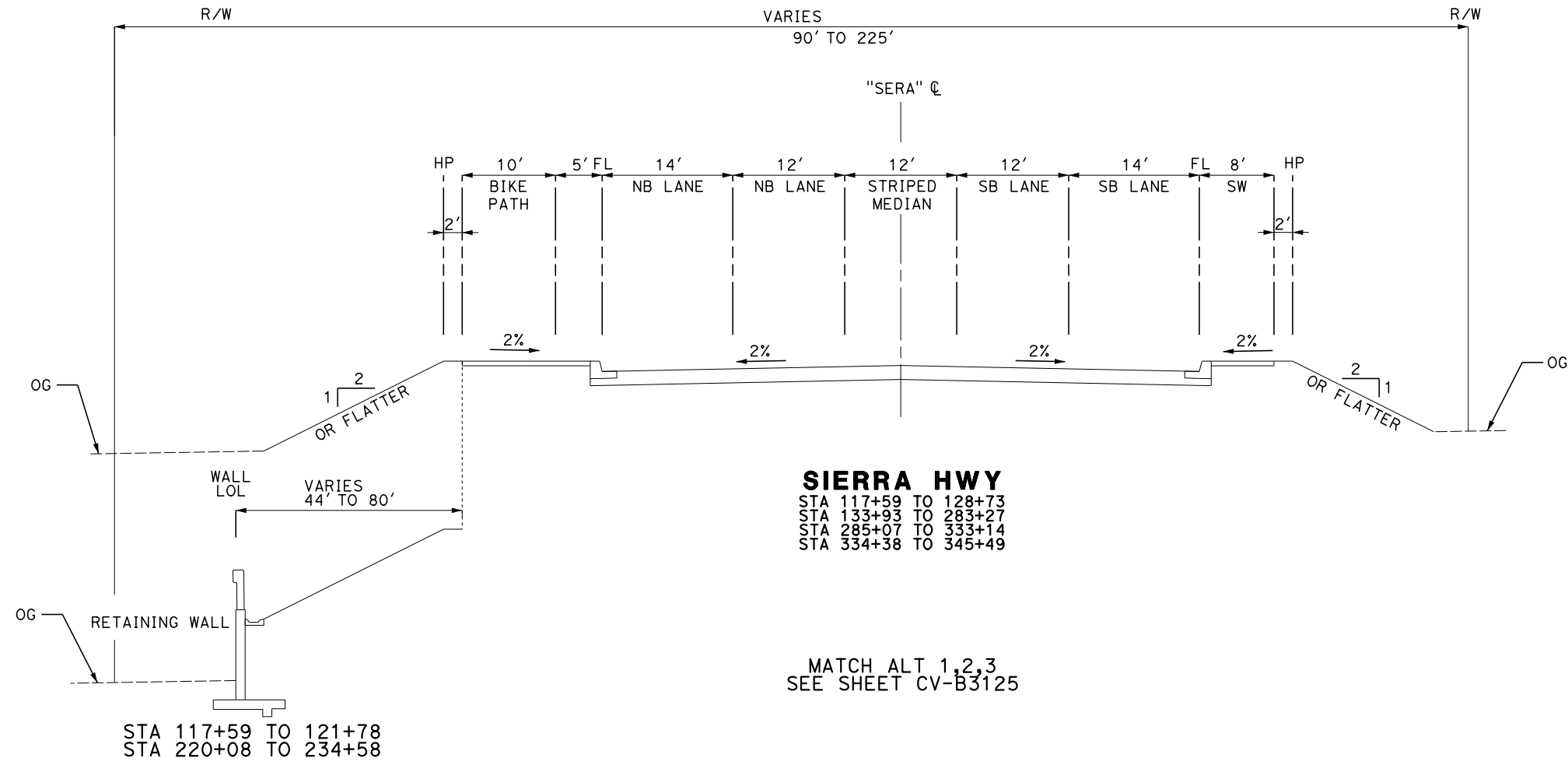


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-B3526
SCALE
AS SHOWN
SHEET NO.
69

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 5
GENERAL
TYPICAL SECTIONS

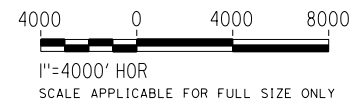
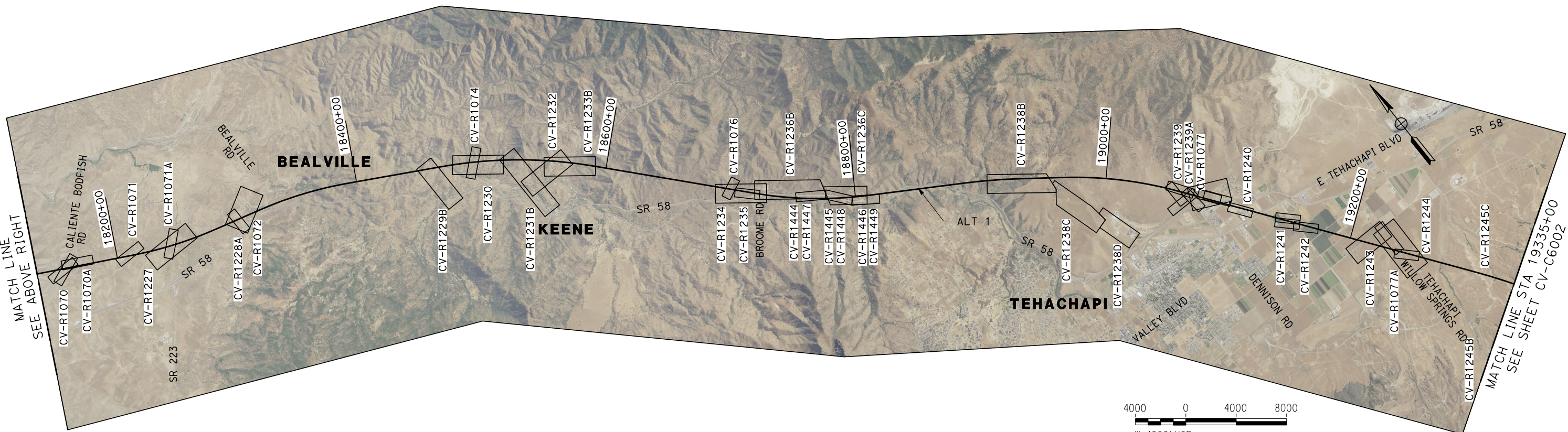
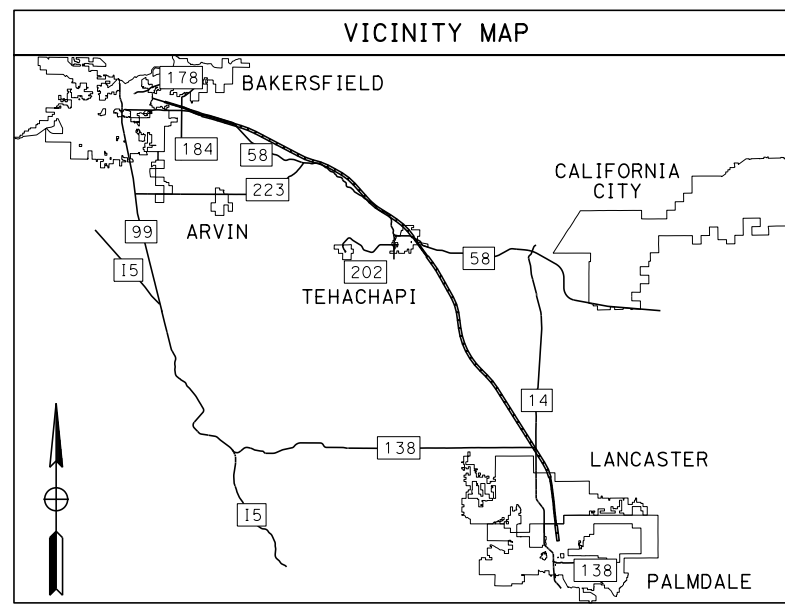
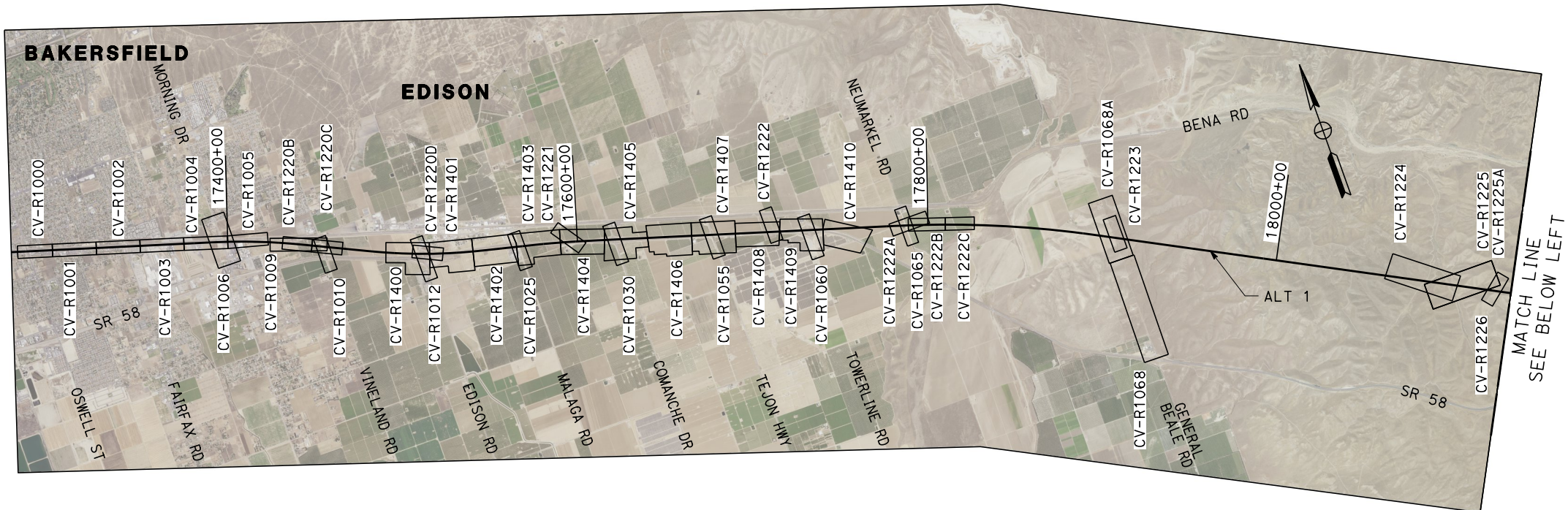
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HSR13-44

DRAWING NO.
CV-B3527

SCALE
AS SHOWN

SHEET NO.
70

ALTERNATIVE 1



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

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CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1
GENERAL
KEY MAP
SHEET 1 OF 2

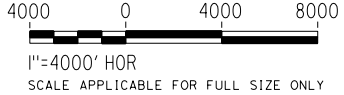
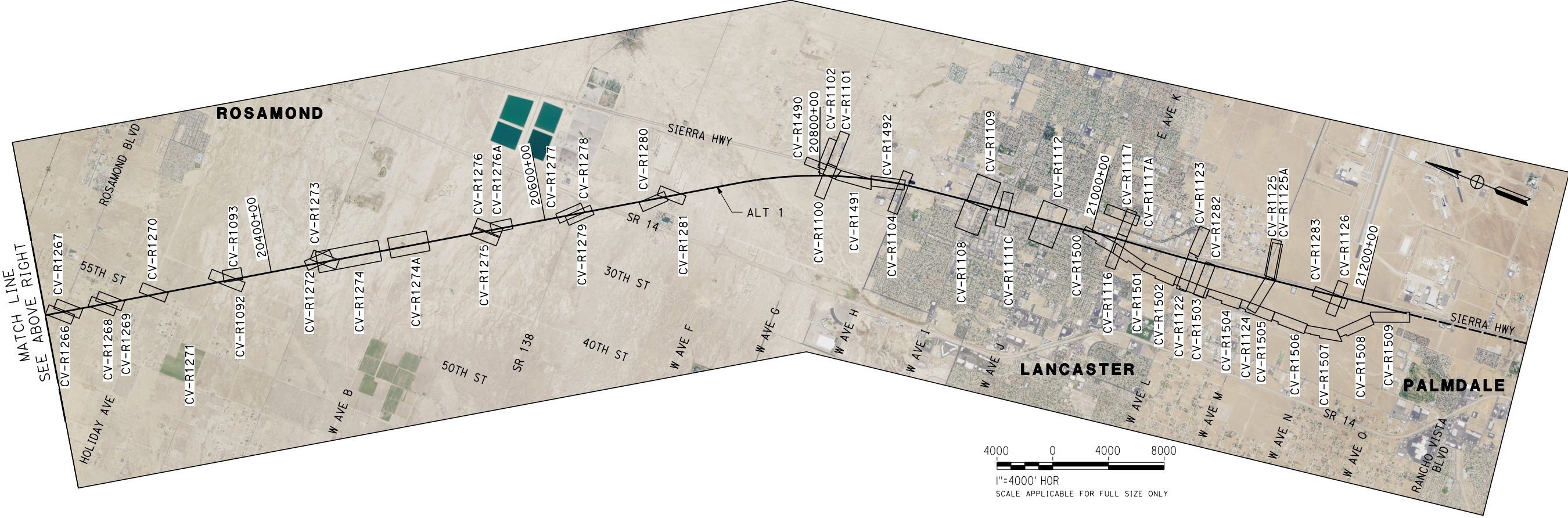
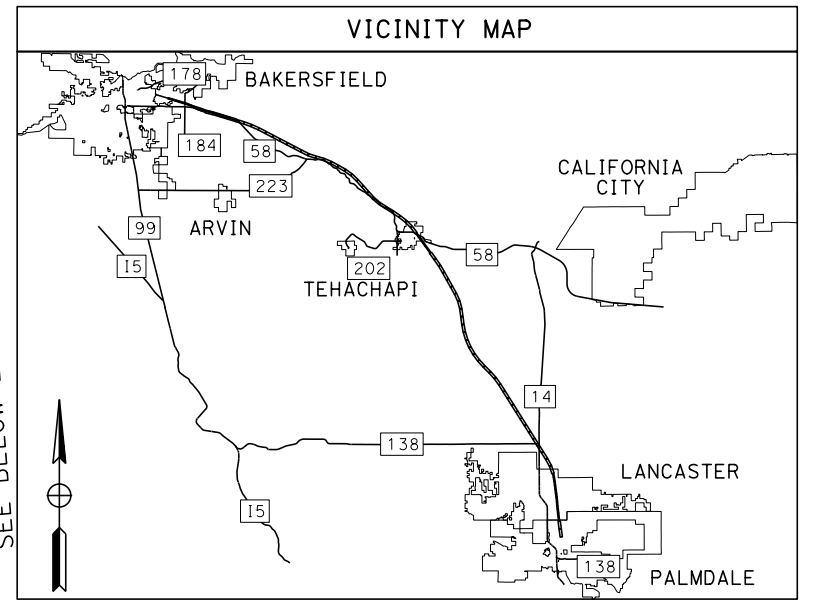
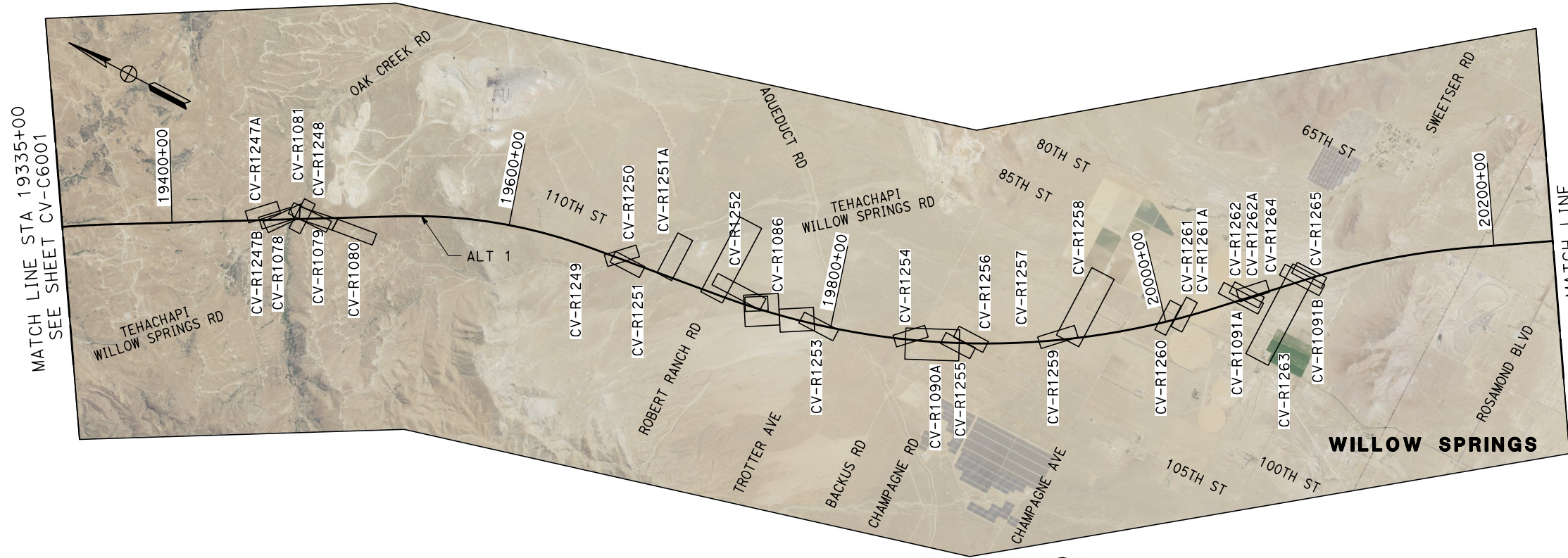
CONTRACT NO.
HSR13-44

DRAWING NO.
CV-C6001

SCALE
AS SHOWN

SHEET NO.
71

ALTERNATIVE 1



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR CONSTRUCTION

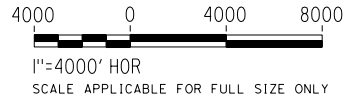
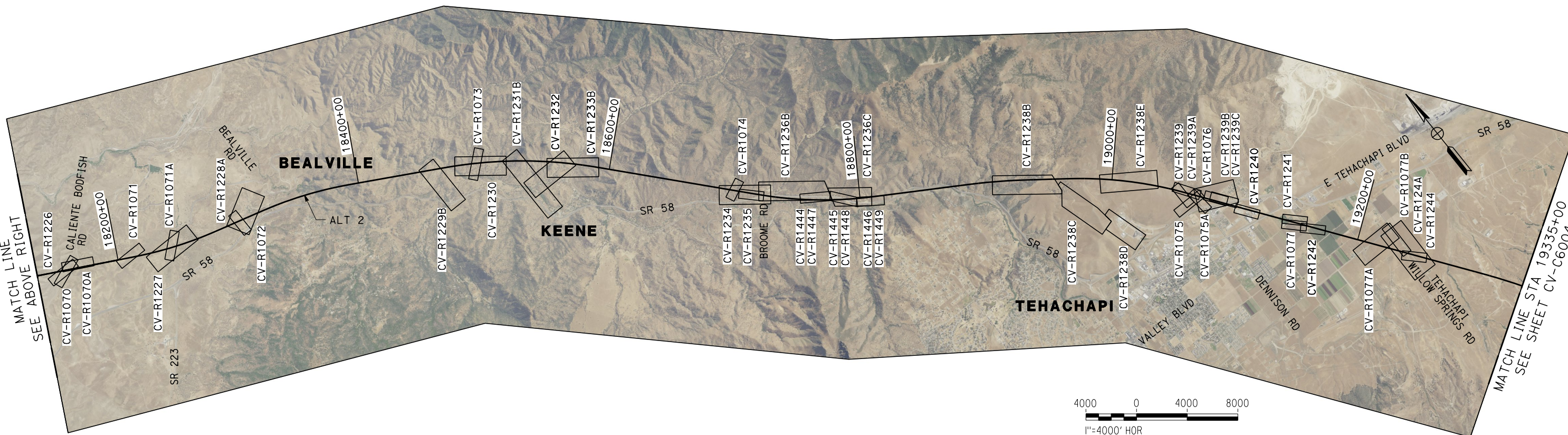
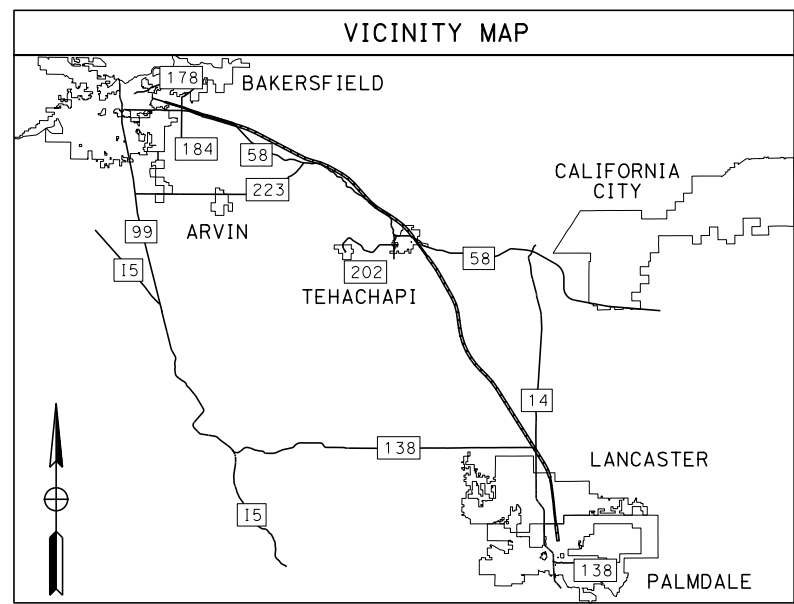
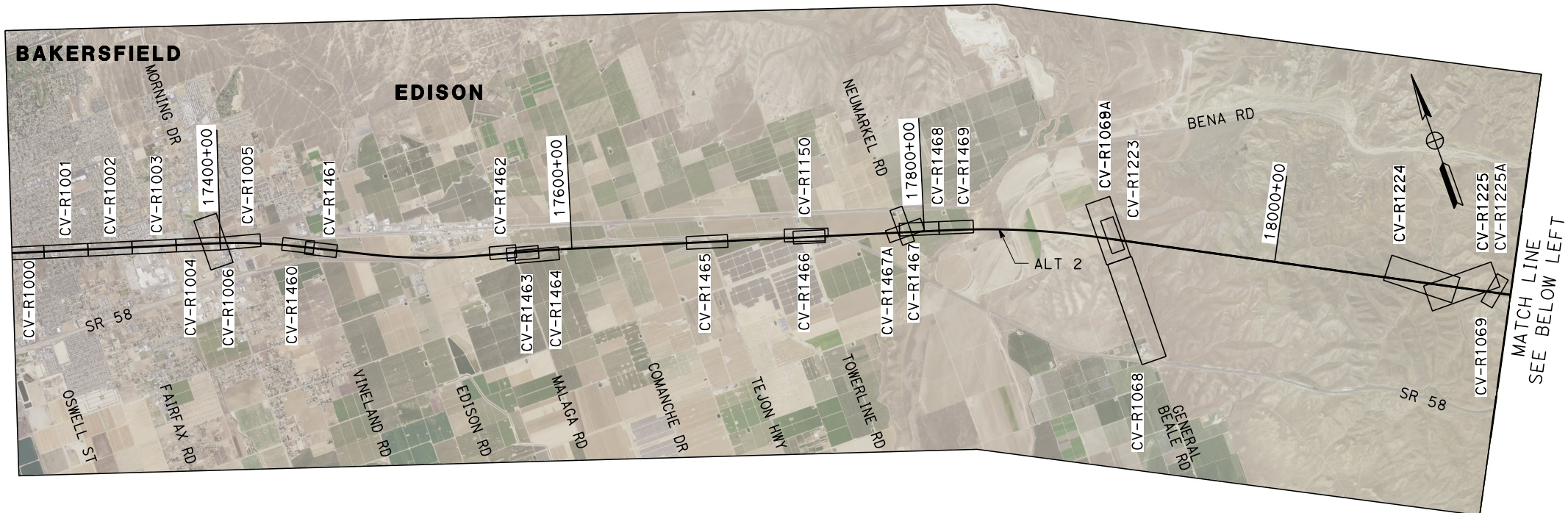


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 1
GENERAL
KEY MAP
SHEET 2 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-C6002
SCALE
AS SHOWN
SHEET NO.
72

ALTERNATIVE 2



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6003

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 2
GENERAL
KEY MAP
SHEET 1 OF 2

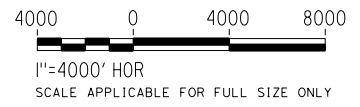
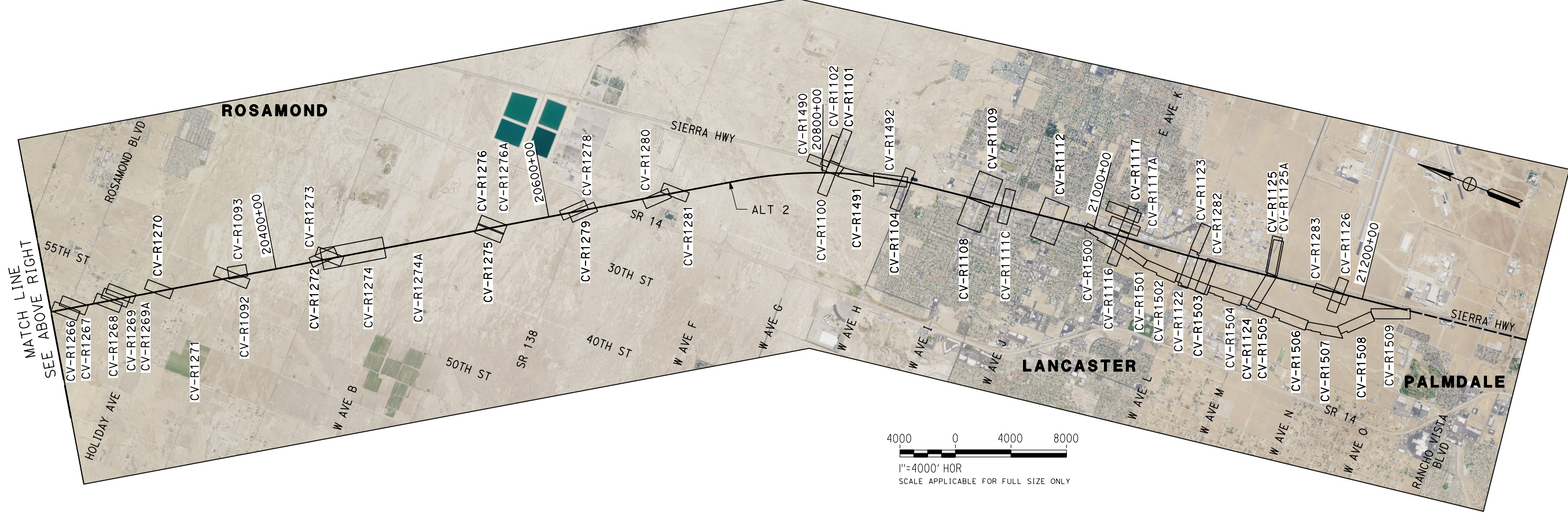
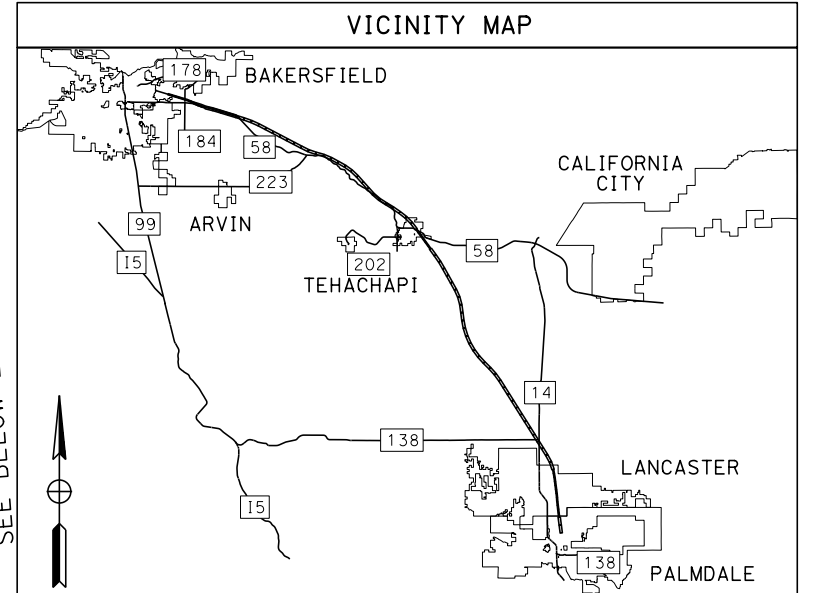
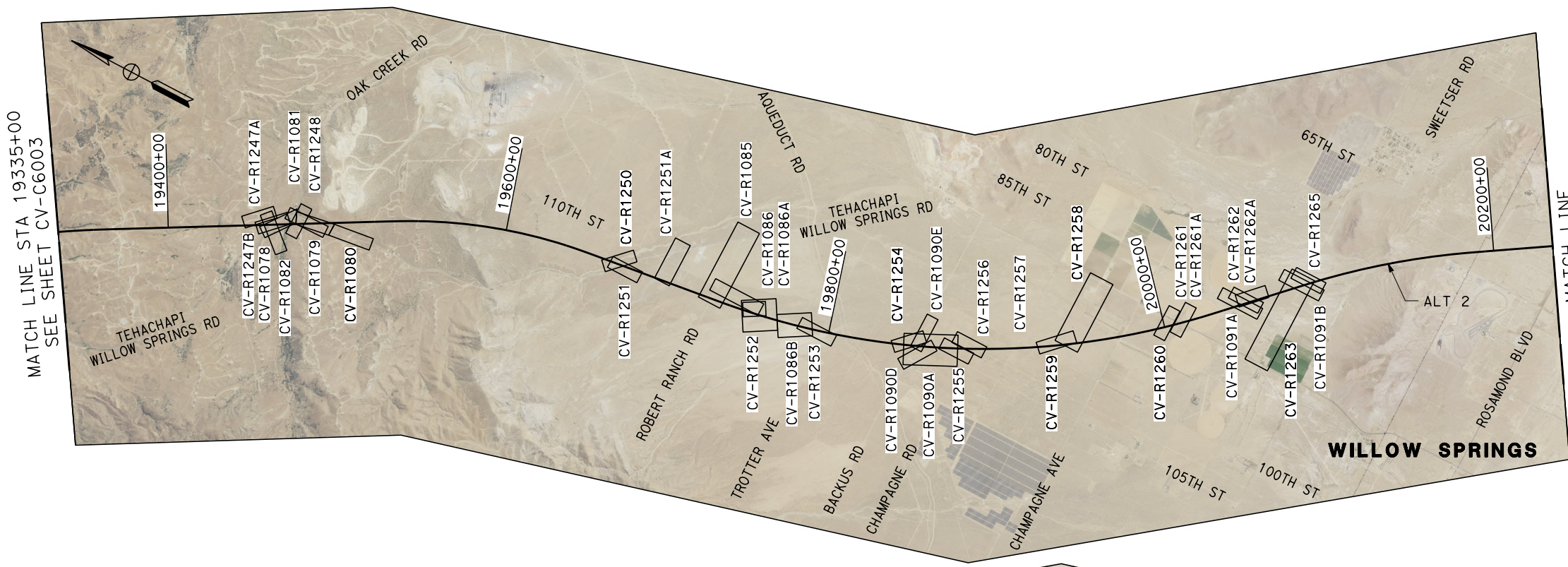
CONTRACT NO.
HSR13-44

DRAWING NO.
CV-C6003

SCALE
AS SHOWN

SHEET NO.
73

ALTERNATIVE 2



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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

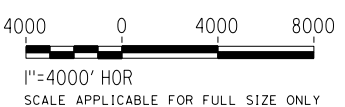
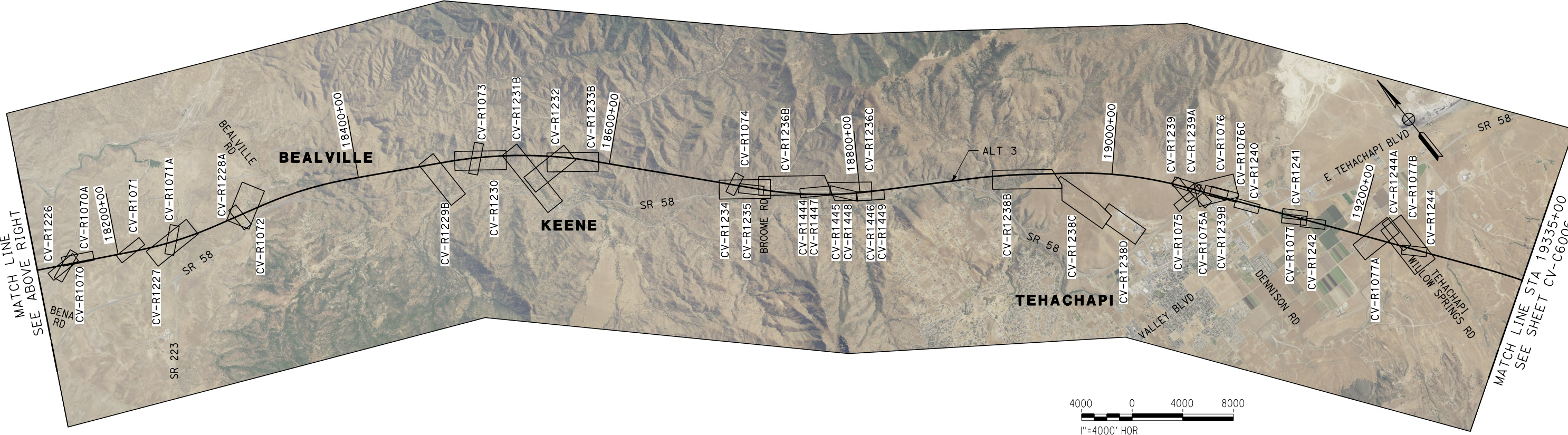
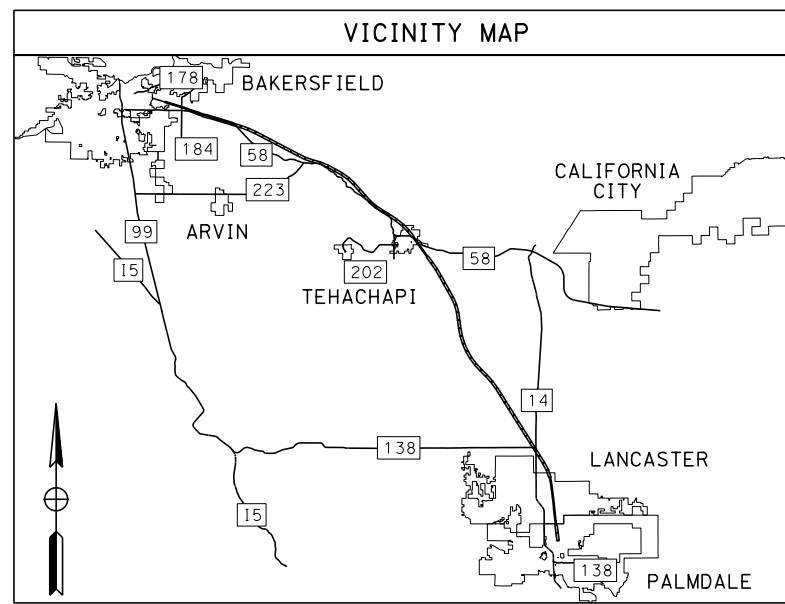
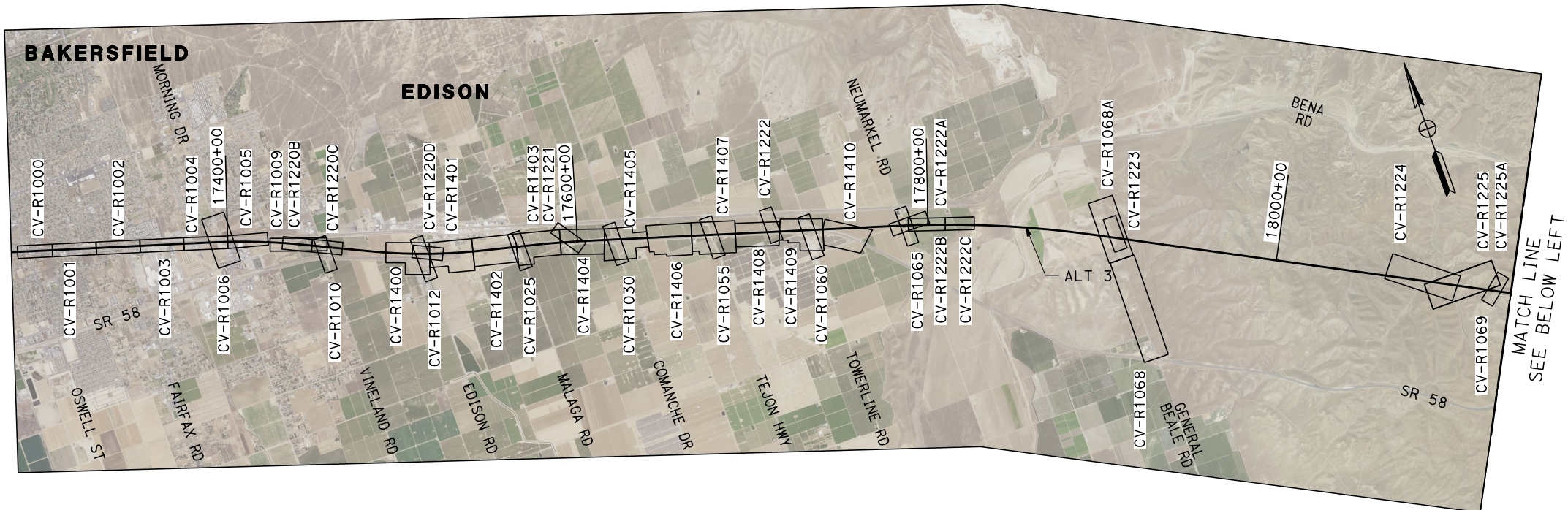


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 2
GENERAL
KEY MAP
SHEET 2 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-C6004
SCALE
AS SHOWN
SHEET NO.
74

ALTERNATIVE 3



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6005
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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

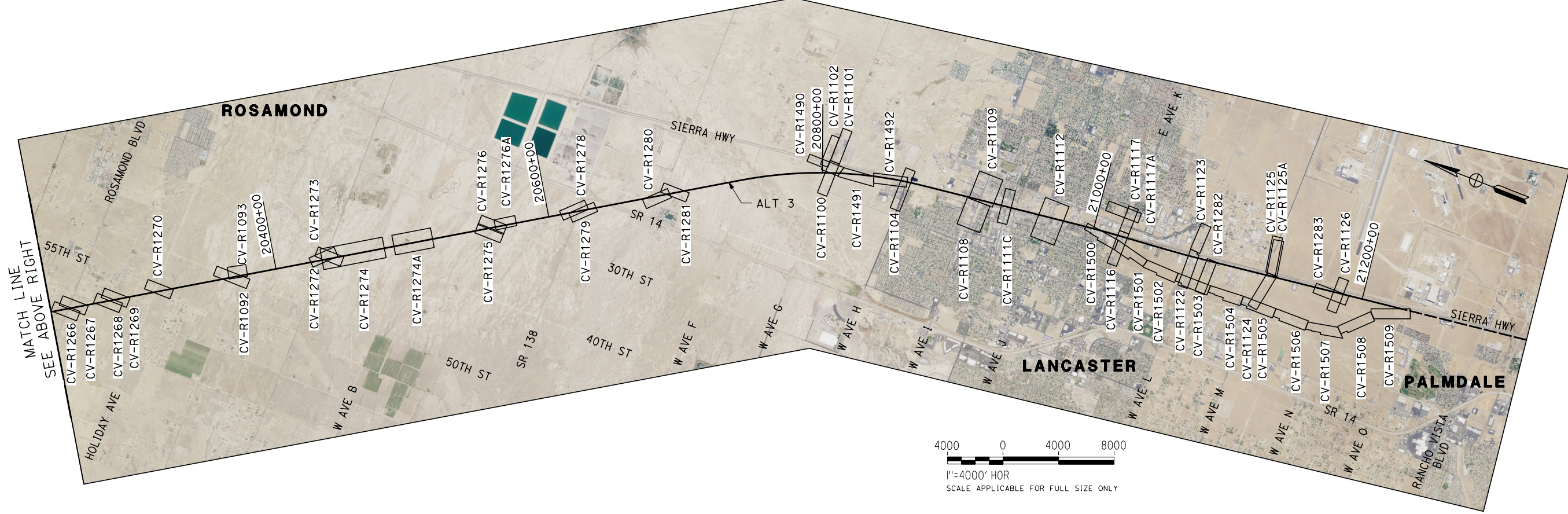
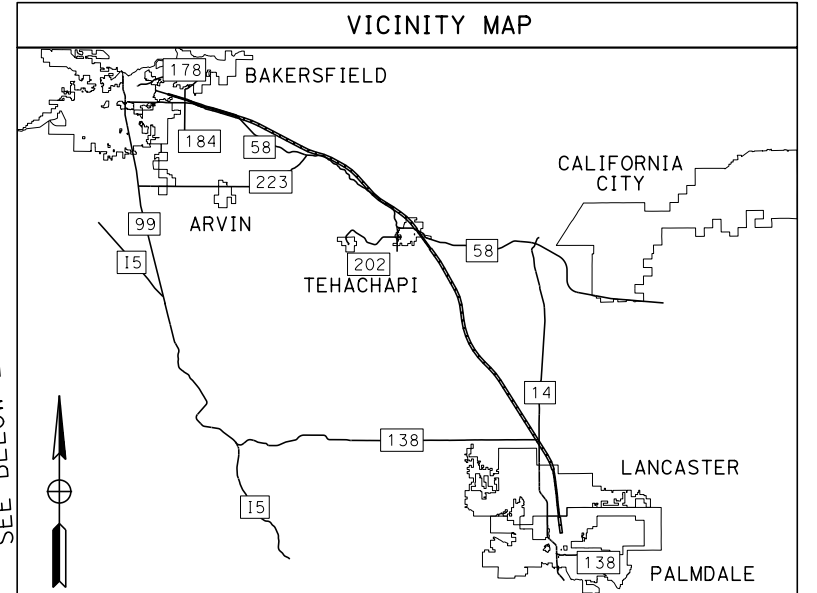
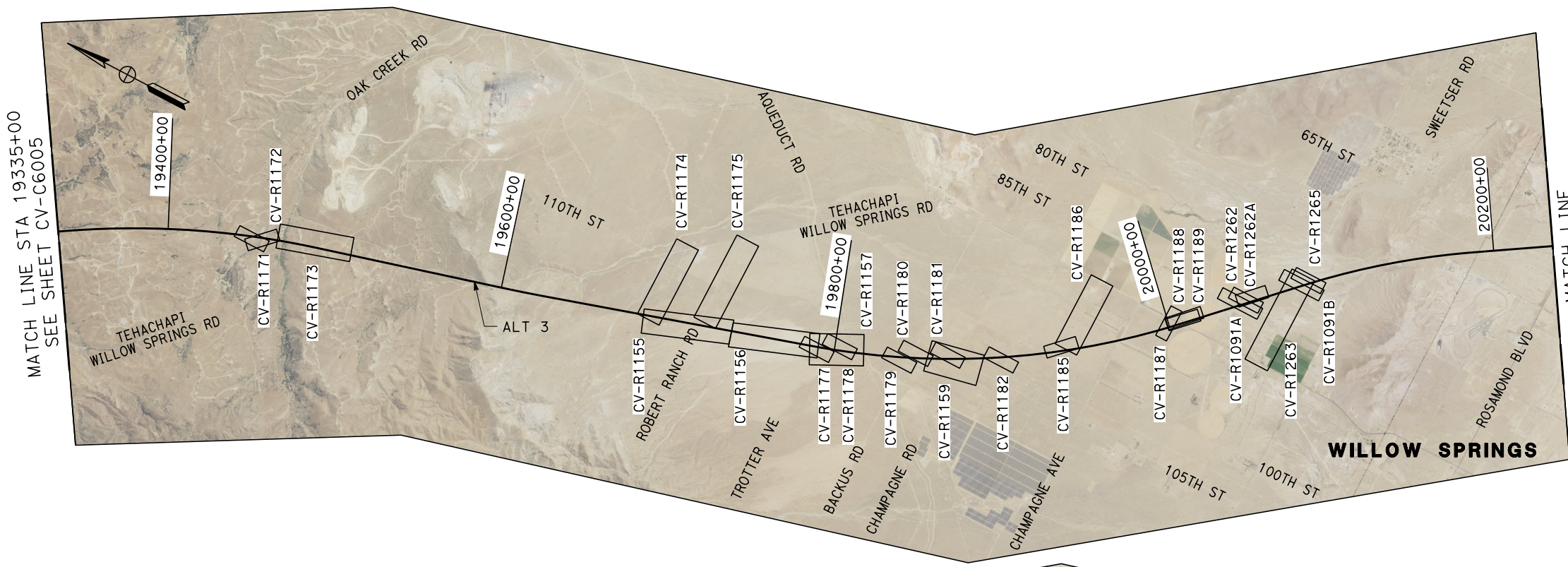


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 3
GENERAL
KEY MAP
SHEET 1 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-C6005
SCALE
AS SHOWN
SHEET NO.
75

ALTERNATIVE 3



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6006

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

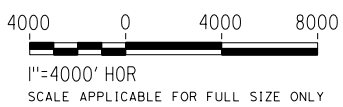
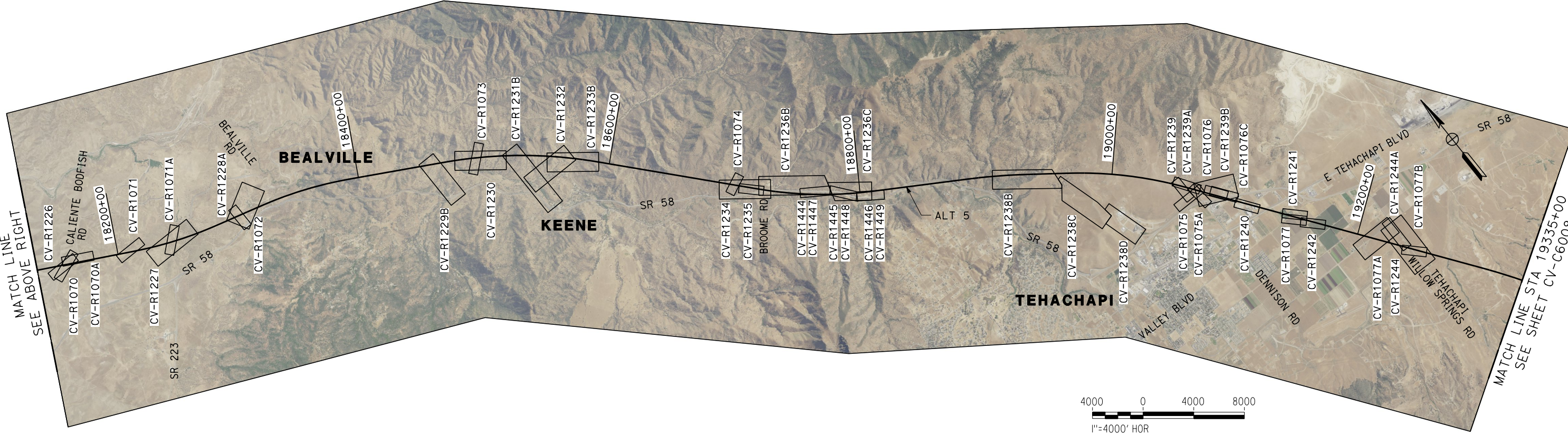
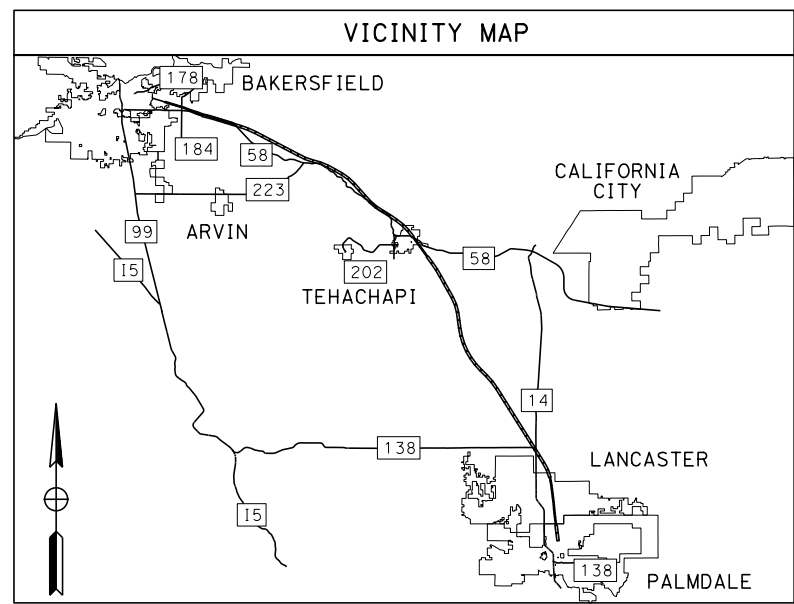
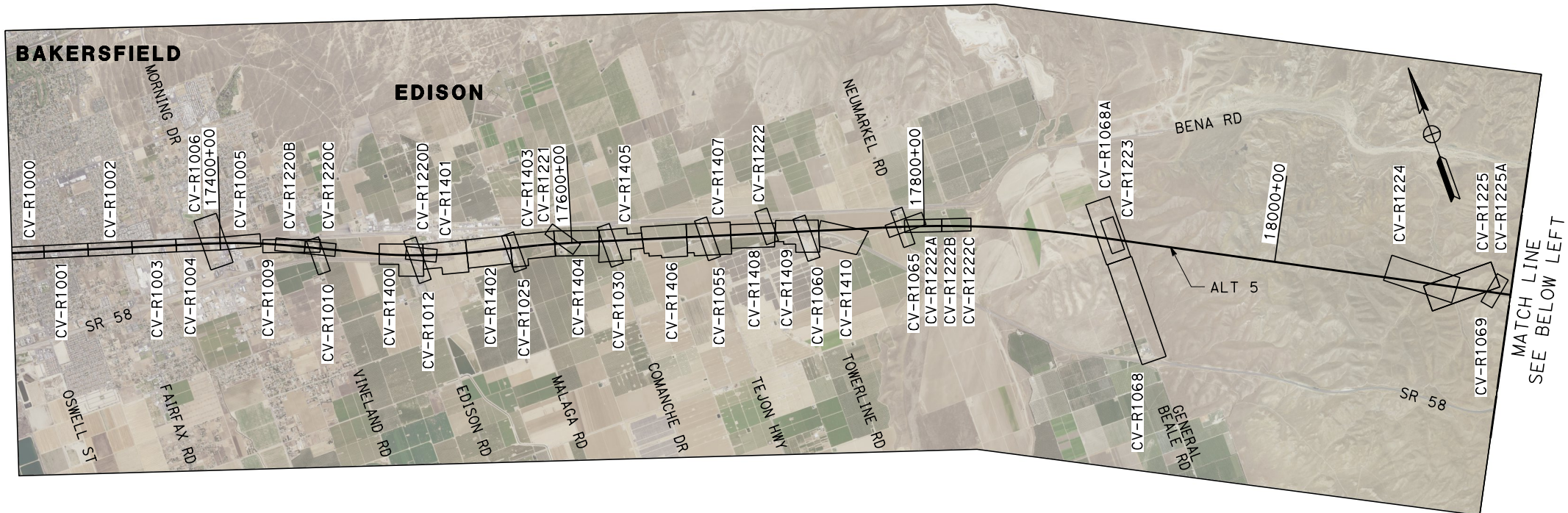


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**

ALTERNATIVE 3
GENERAL
KEY MAP
SHEET 2 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-C6006
SCALE
AS SHOWN
SHEET NO.
76

ALTERNATIVE 5



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6007

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
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CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE

ALTERNATIVE 5
GENERAL
KEY MAP
SHEET 1 OF 2

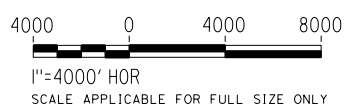
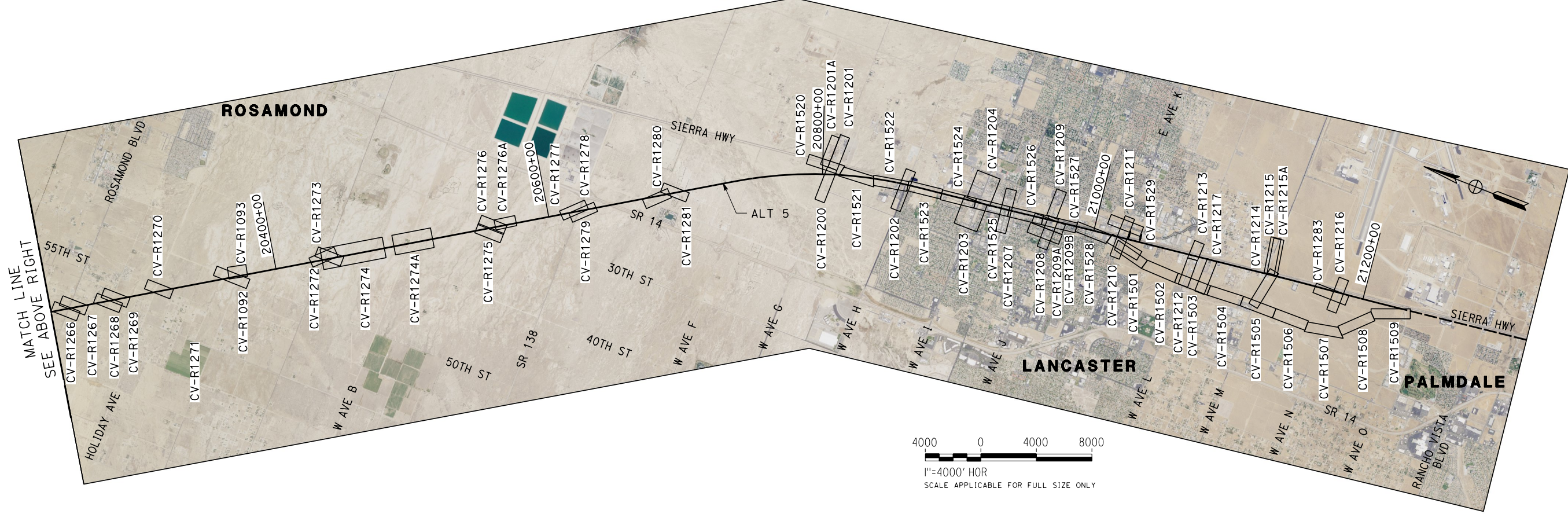
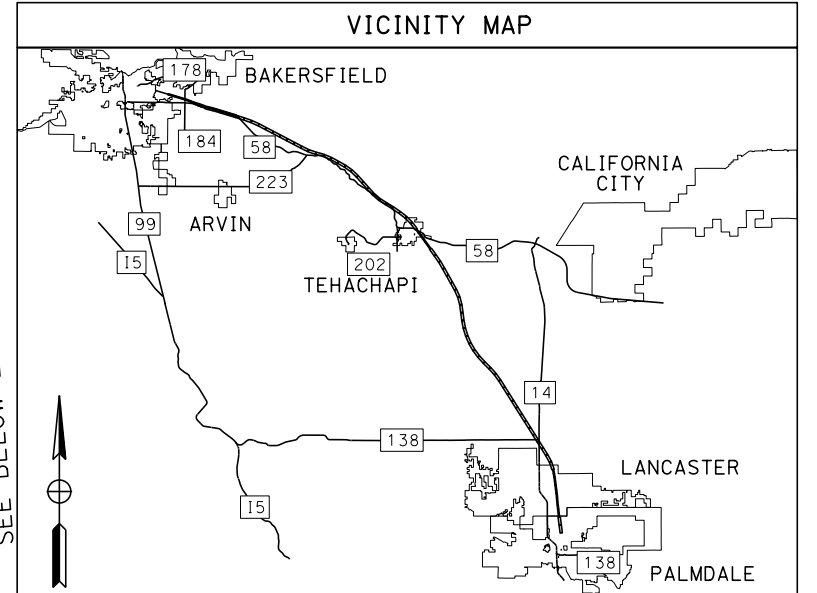
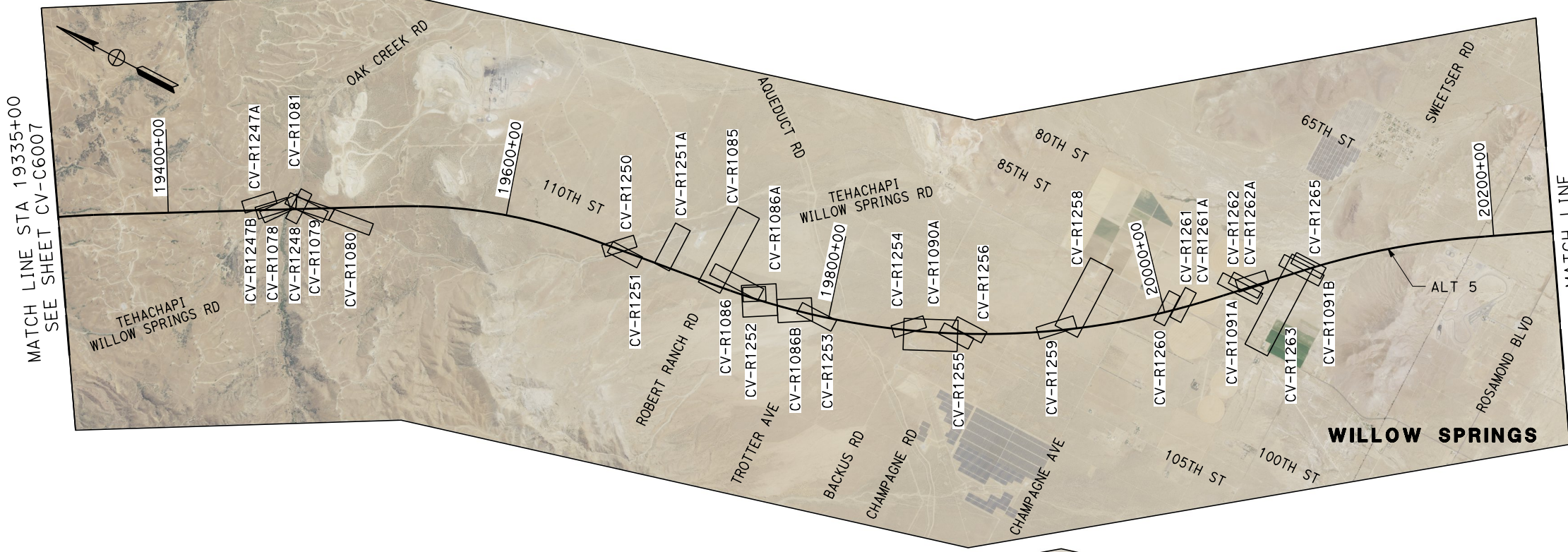
CONTRACT NO.
HSR13-44

DRAWING NO.
CV-C6007

SCALE
AS SHOWN

SHEET NO.
77

ALTERNATIVE 5



Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-C6008

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

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CONSTRUCTION**



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

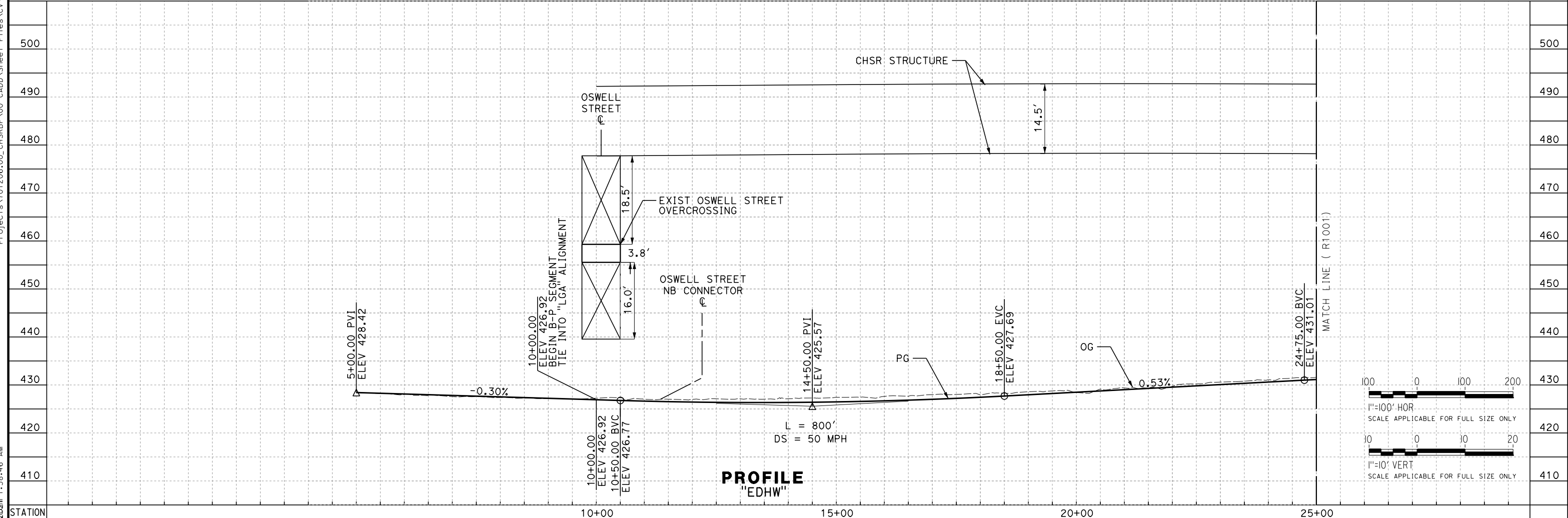
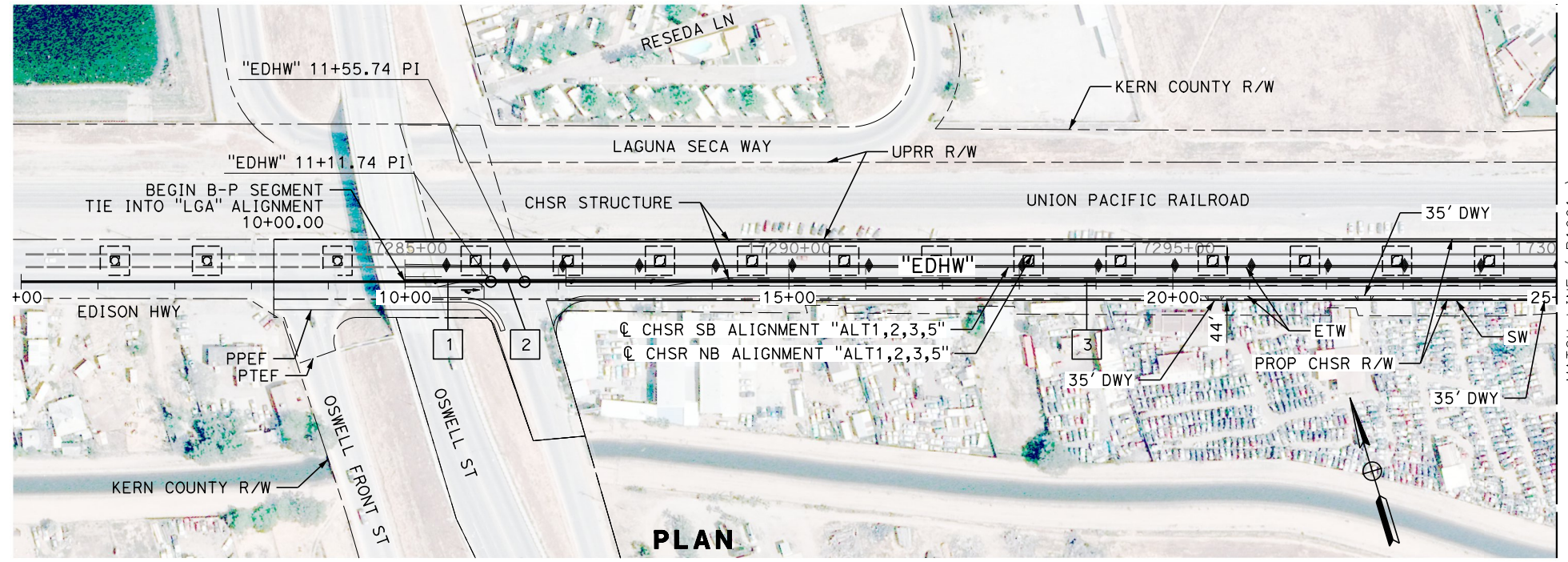
ALTERNATIVE 5
GENERAL
KEY MAP
SHEET 2 OF 2

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-C6008
SCALE
AS SHOWN
SHEET NO.
78

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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	9647.92



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

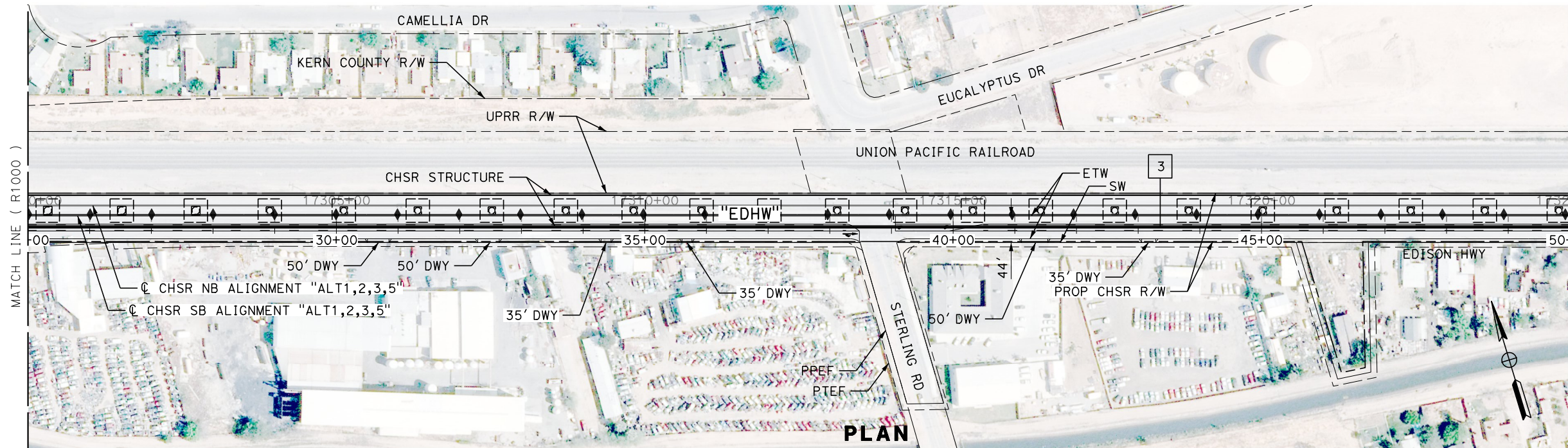


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

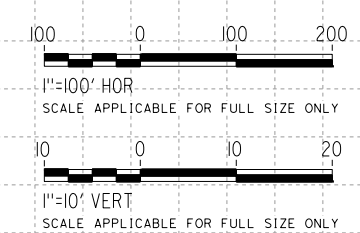
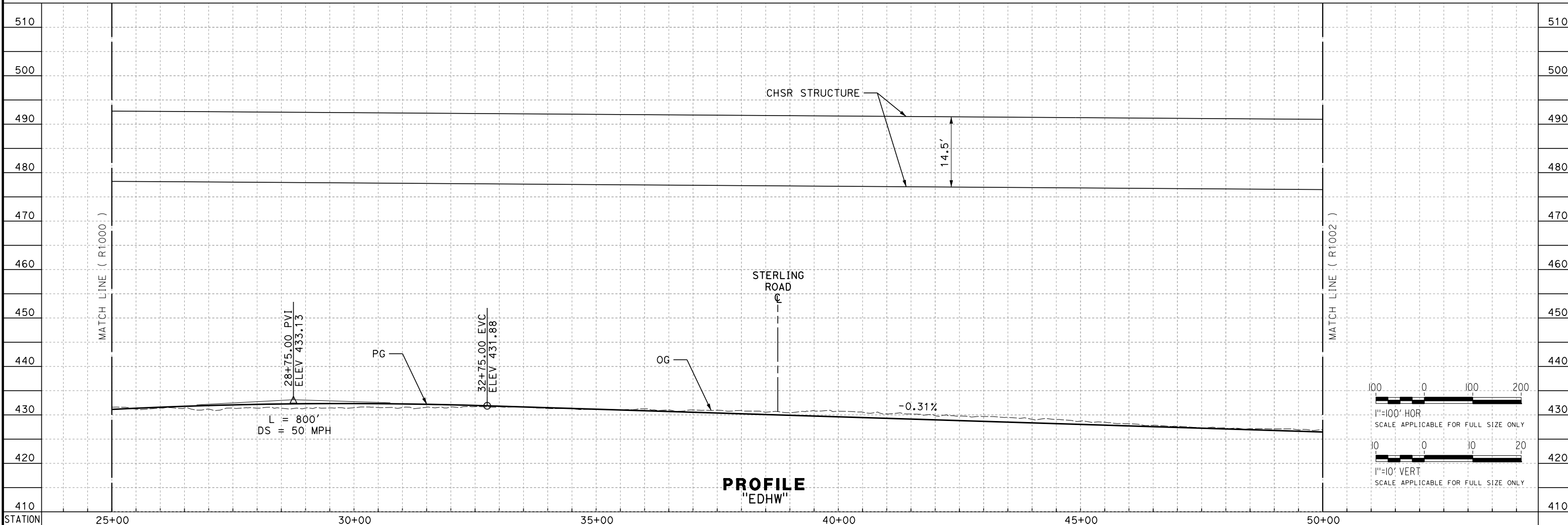
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HSR13-44
DRAWING NO.
CV-R1000
SCALE
AS SHOWN
SHEET NO.
79

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LINE DATA		
No.	BEARING	DISTANCE
3	N 73°07'38" W	9647.92'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO

DRAWN BY
E. BALDWIN

CHECKED BY
D. HOLMAN

IN CHARGE
G. CAMPBELL

DATE
01/29/2021

RECORD SET
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

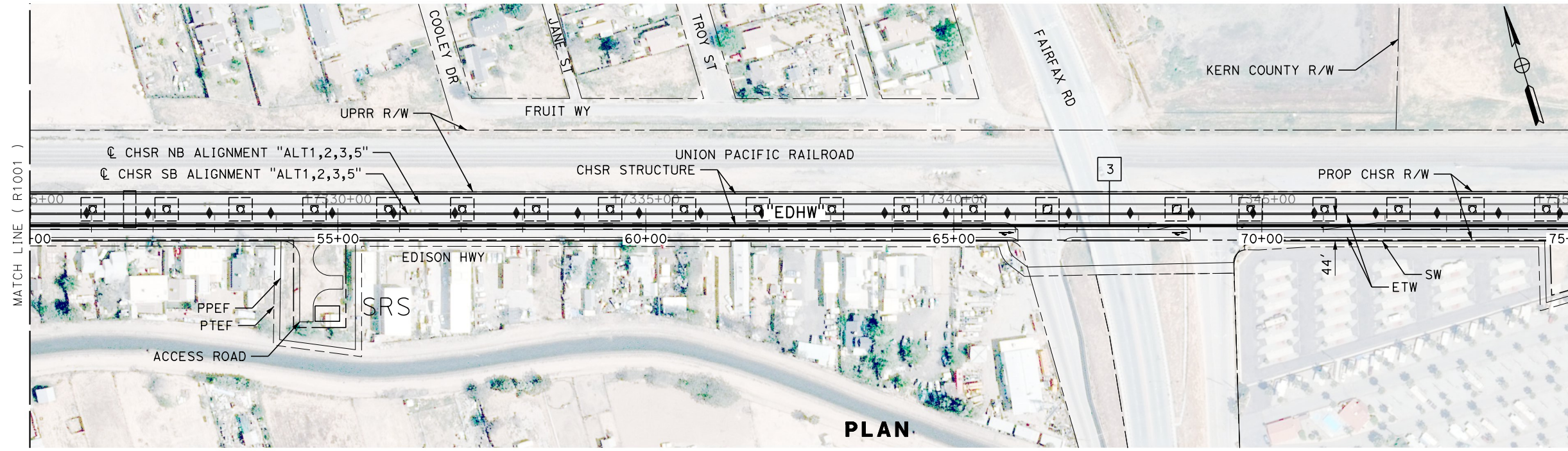
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SCALE
AS SHOWN

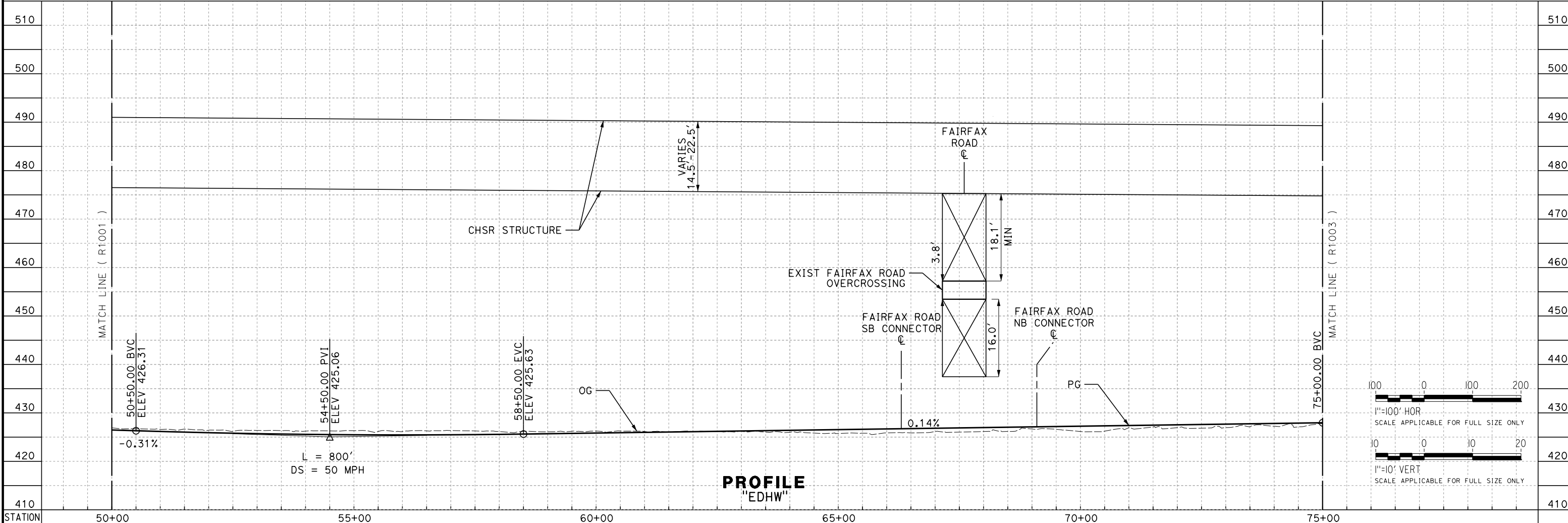
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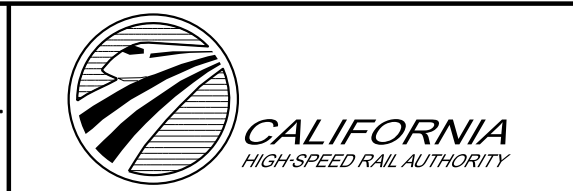


REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

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CONSTRUCTION

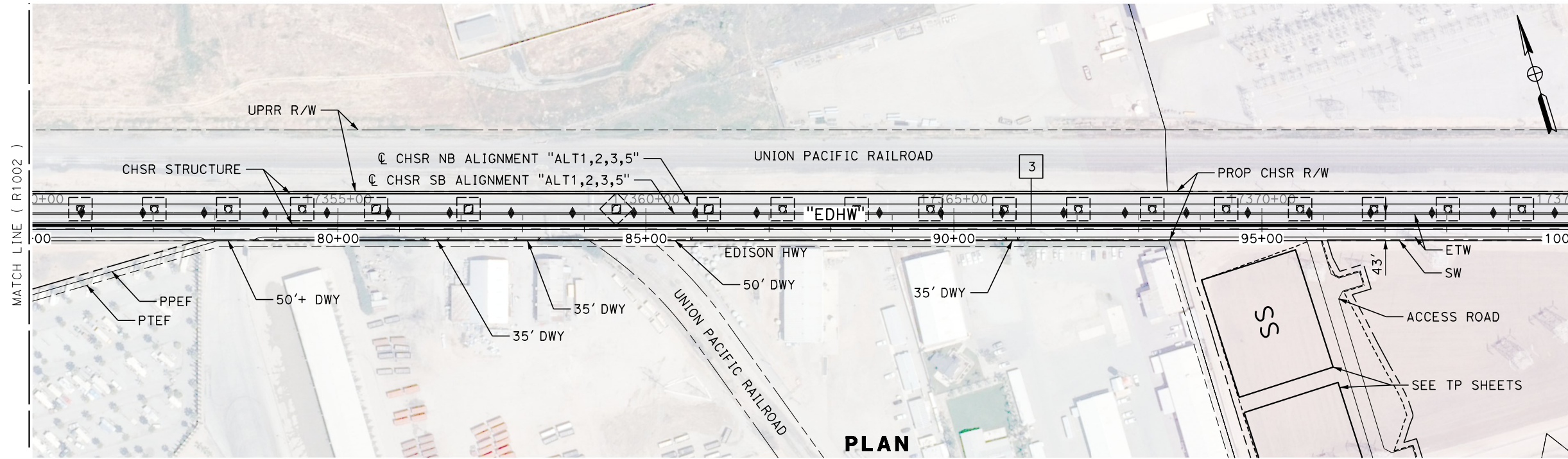


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

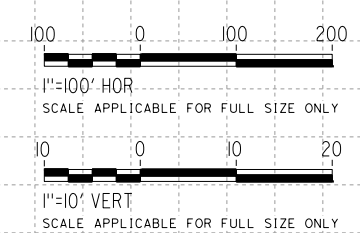
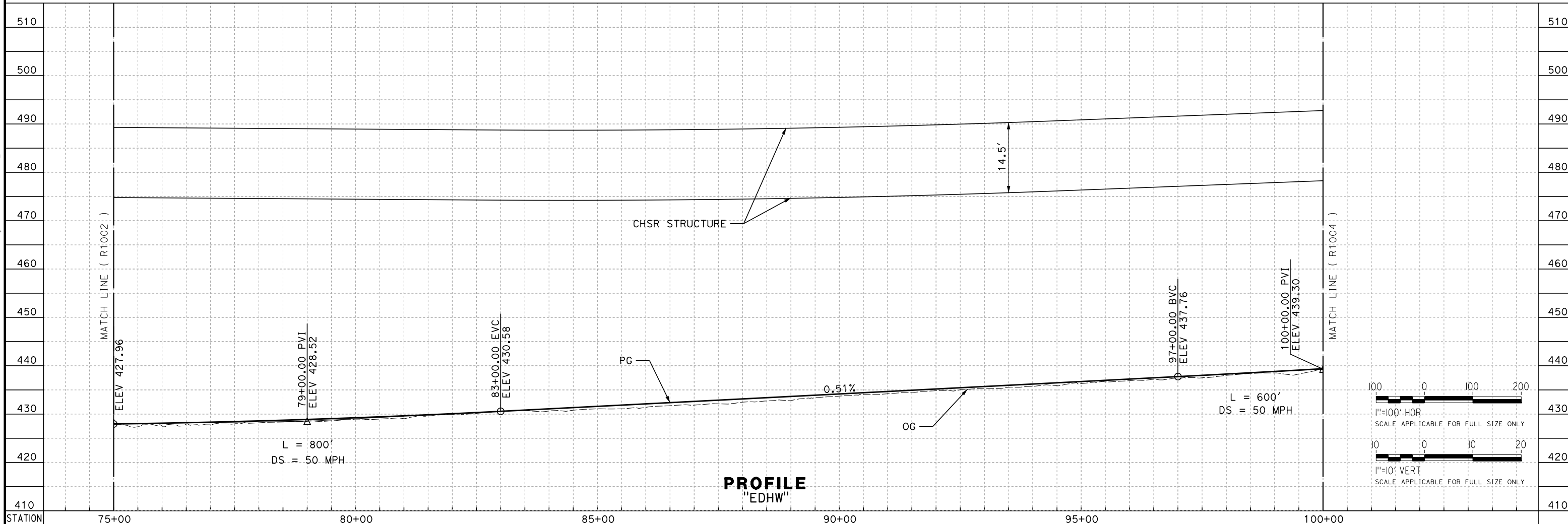
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HSR13-44
DRAWING NO.
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SCALE
AS SHOWN
SHEET NO.
81

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LINE DATA		
No.	BEARING	DISTANCE
3	N 73°07'38" W	9647.92'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

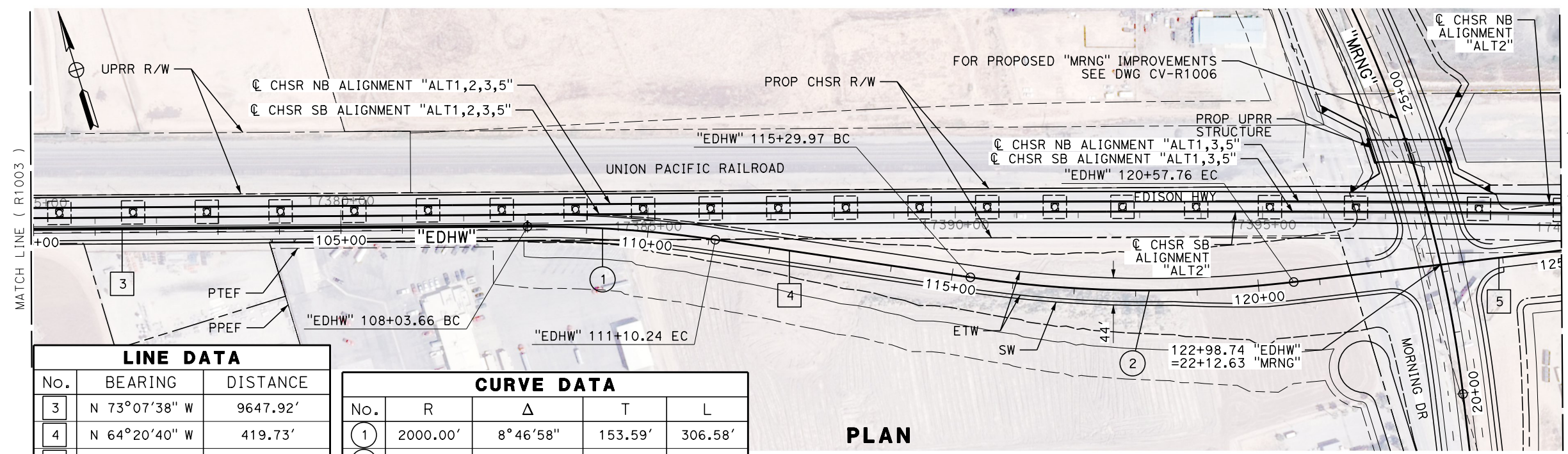


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1003
SCALE
AS SHOWN
SHEET NO.
82

Projects\701206\00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1004

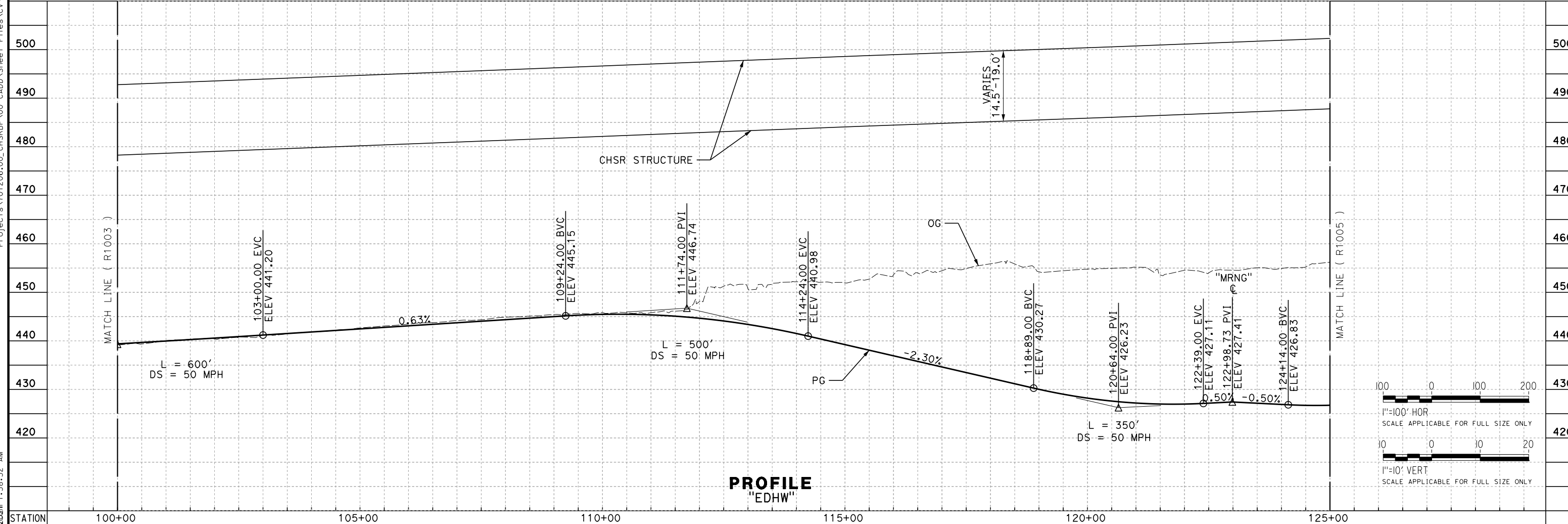
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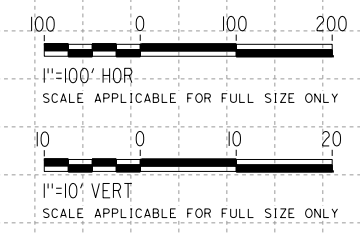
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No.	BEARING	DISTANCE
3	N 73°07'38" W	9647.92'
4	N 64°20'40" W	419.73'
5	N 79°27'51" W	991.35'

CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	8°46'58"	153.59'	306.58'
2	2000.00'	15°07'12"	265.43'	527.79'

PLAN



PROFILE "EDHW"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

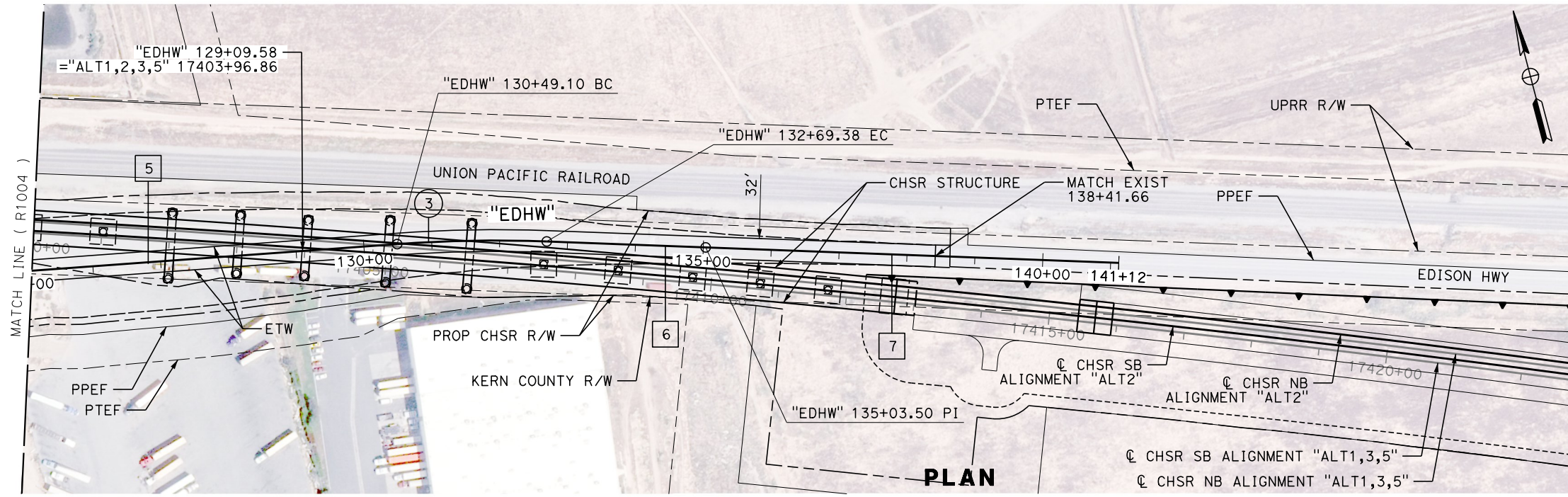


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1004
SCALE
AS SHOWN
SHEET NO.
83

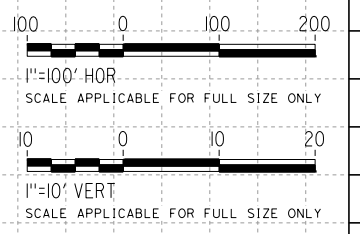
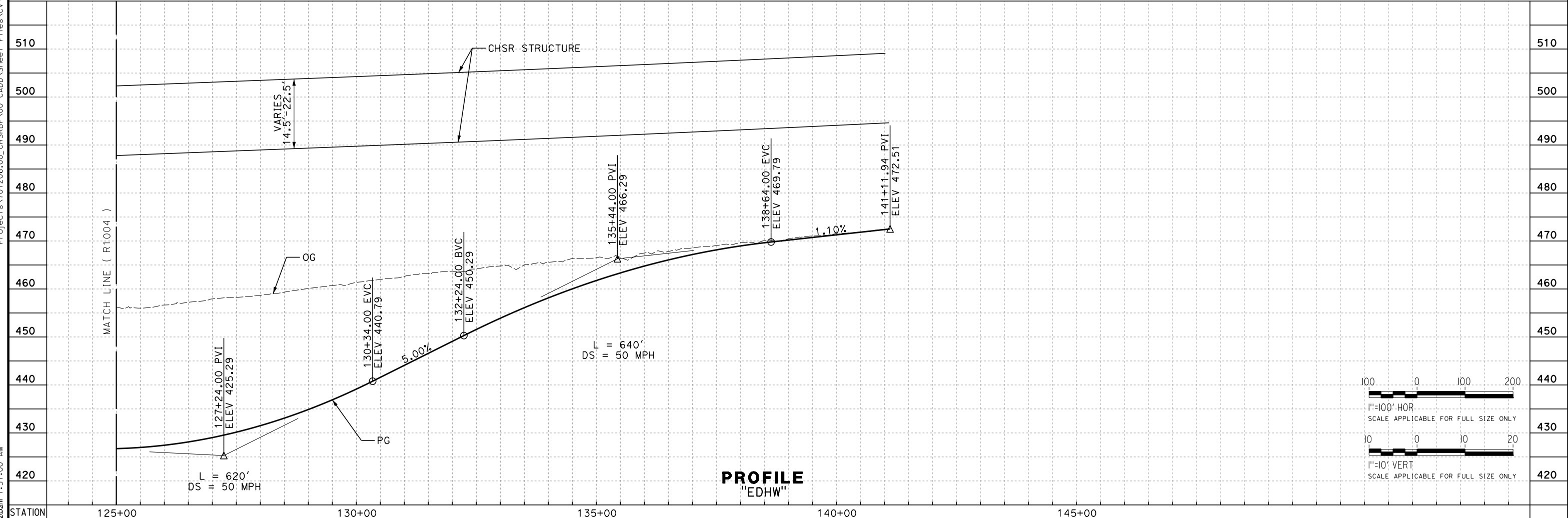
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LINE DATA		
No.	BEARING	DISTANCE
5	N 79°27'51" W	991.35'
6	N 73°09'14" W	234.12'
7	N 73°09'10" W	608.45'

CURVE DATA				
No.	R	Δ	T	L
3	2000.00'	6°18'37"	110.25'	220.28'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

ALTERNATIVE 1,2,3,5
ROADWAY
EDISON HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44

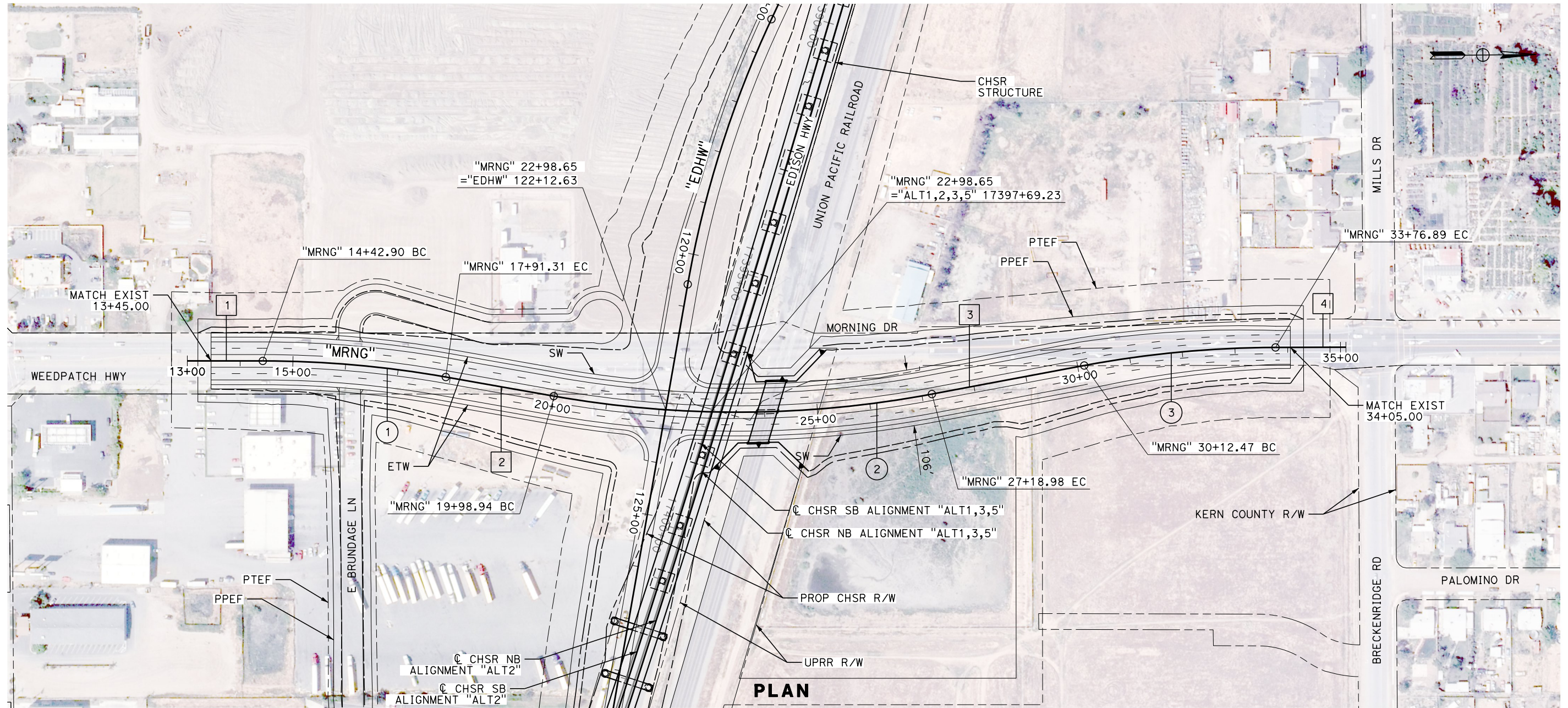
DRAWING NO.
CV-R1005

SCALE
AS SHOWN

SHEET NO.
84

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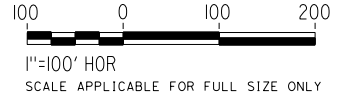
e:\a\ina.baldwin@tylin.com 1:59:21 AM



PLAN

LINE DATA		
No.	BEARING	DISTANCE
1	N 0°35'40" E	142.90'
2	N 10°34'33" E	207.63'
3	N 10°03'06" W	293.49'
4	N 0°23'17" E	133.33'

CURVE DATA				
No.	R	Δ	T	L
①	2000.00'	9°58'53"	174.65'	348.41'
②	2000.00'	20°37'39"	363.96'	720.04'
③	2000.00'	10°26'23"	182.72'	364.42'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. RIVERA
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

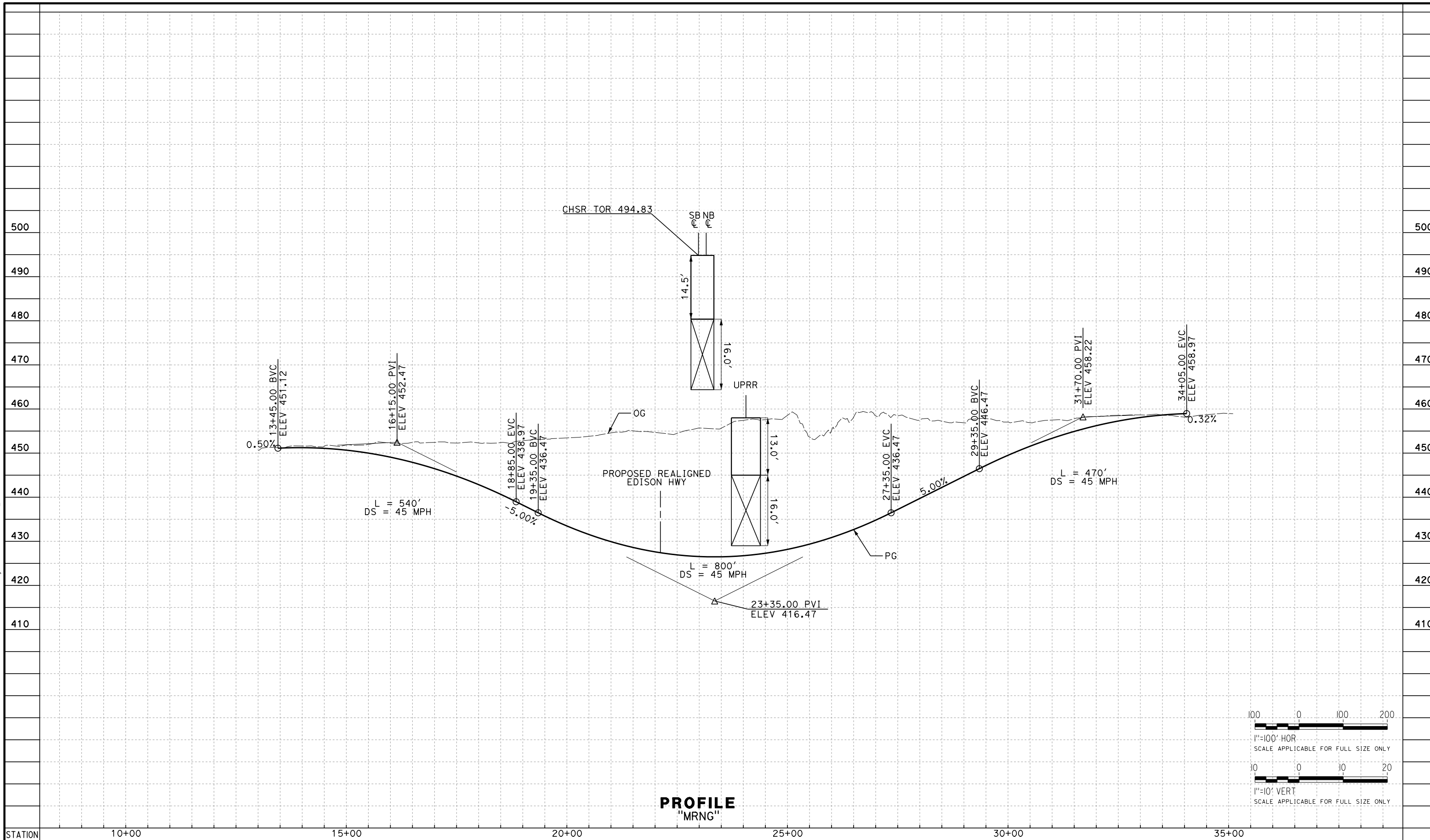


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
MORNING DRIVE
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1006
SCALE
AS SHOWN
SHEET NO.
85

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1007

e:\a\rbaldwin\701206\00\1:57:51 AM



PROFILE
"MRNG"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. RIVERA
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

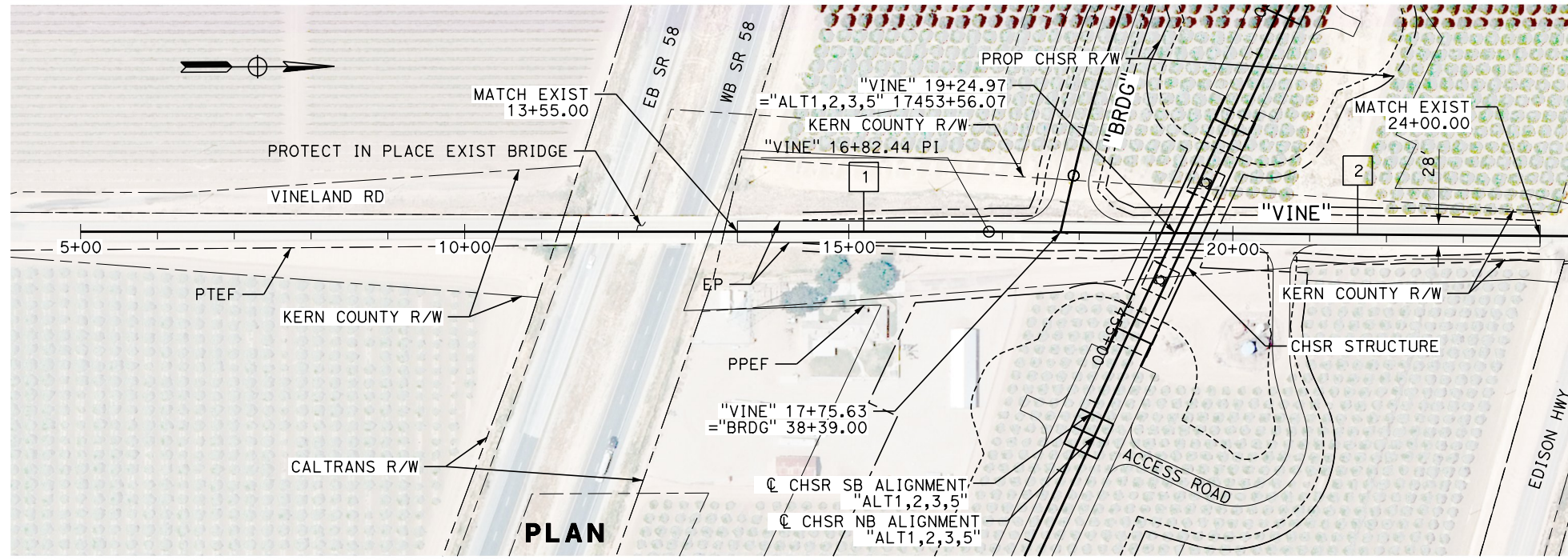


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
MORNING DRIVE
PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1007
SCALE
AS SHOWN
SHEET NO.
86

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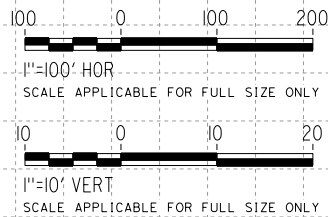
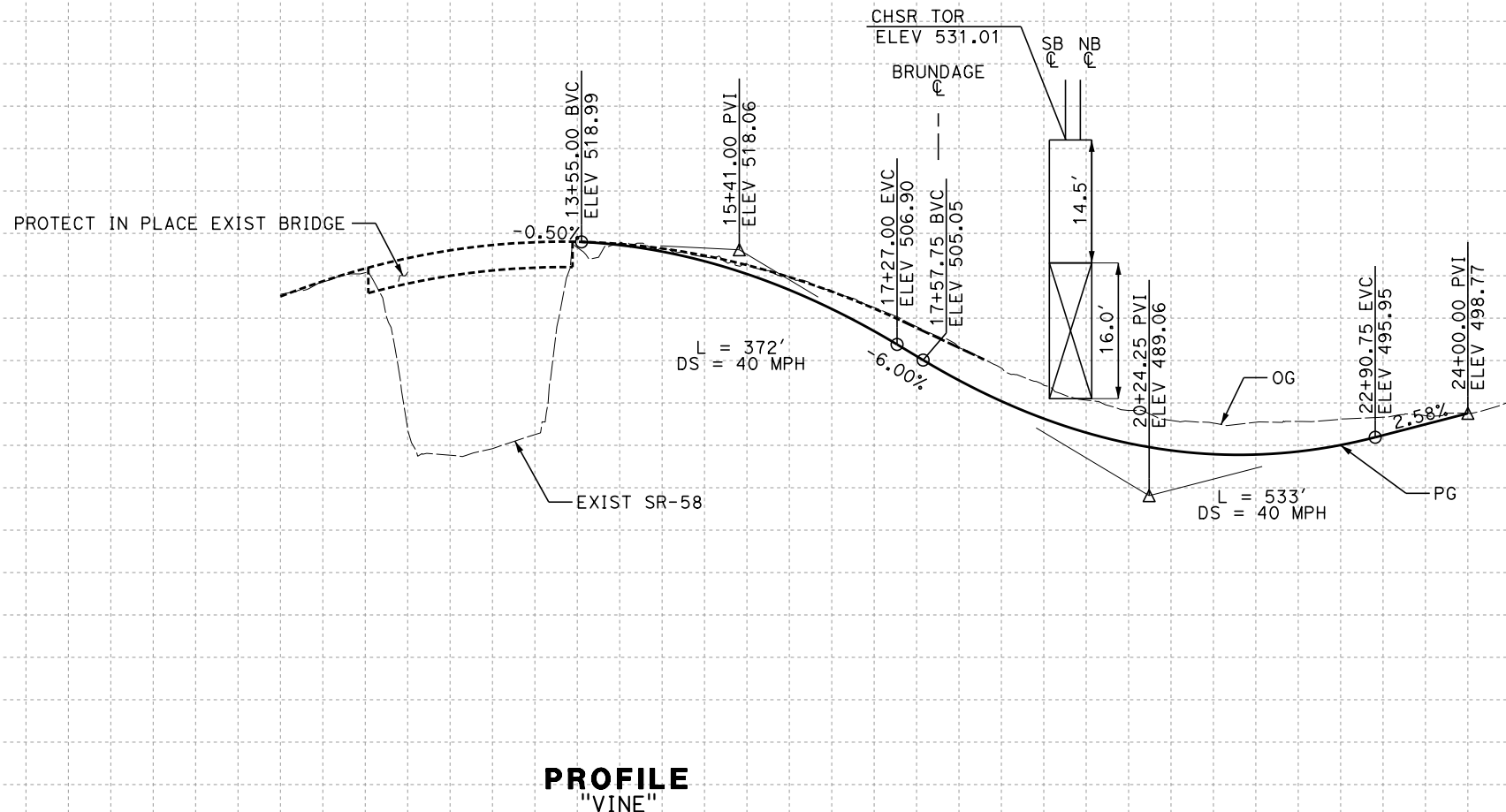
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NOTES:

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

LINE DATA		
No.	BEARING	DISTANCE
1	N 0°17'59" E	1182.44'
2	N 0°44'04" E	2317.56'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. RIVERA
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



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

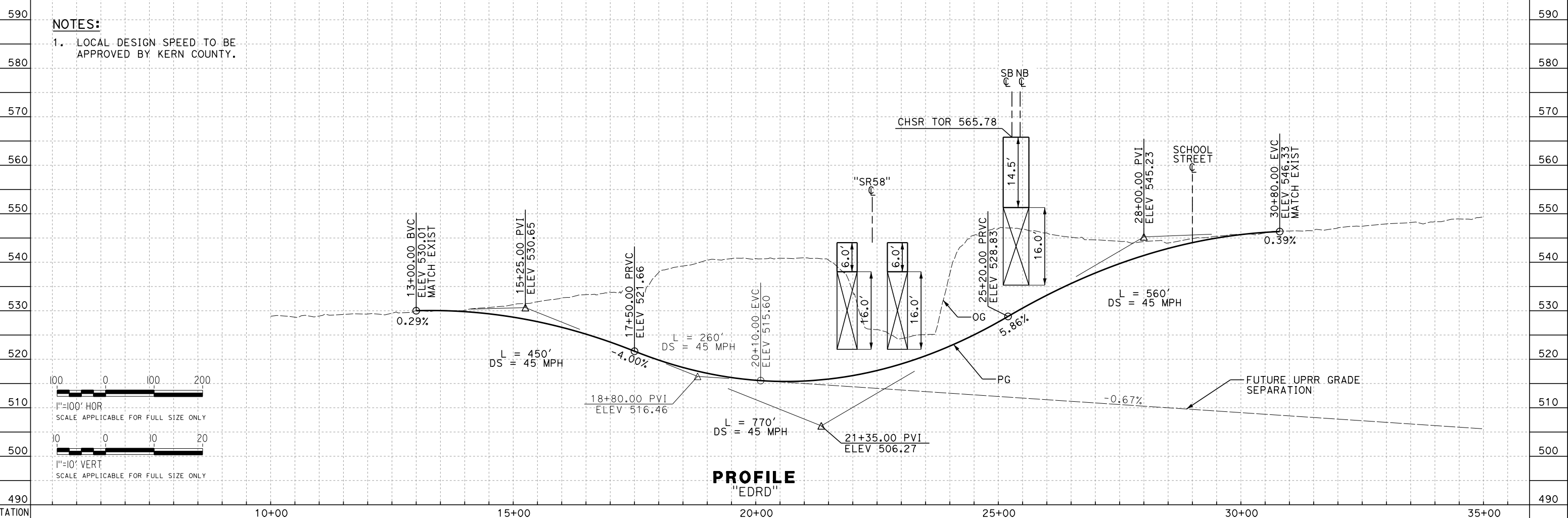
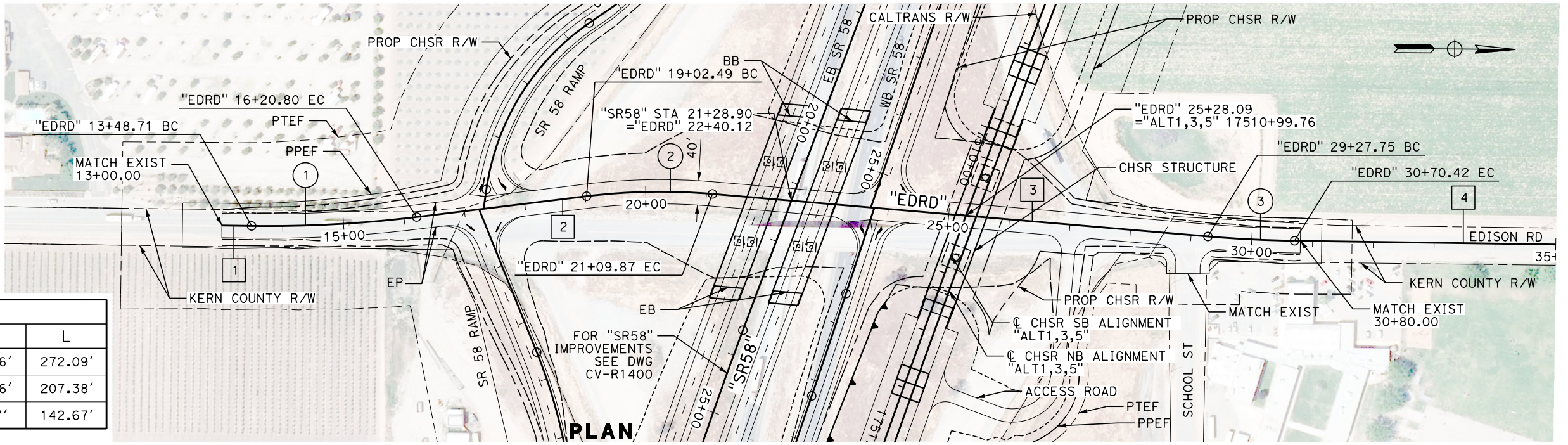
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1010
SCALE
AS SHOWN
SHEET NO.
88

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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'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

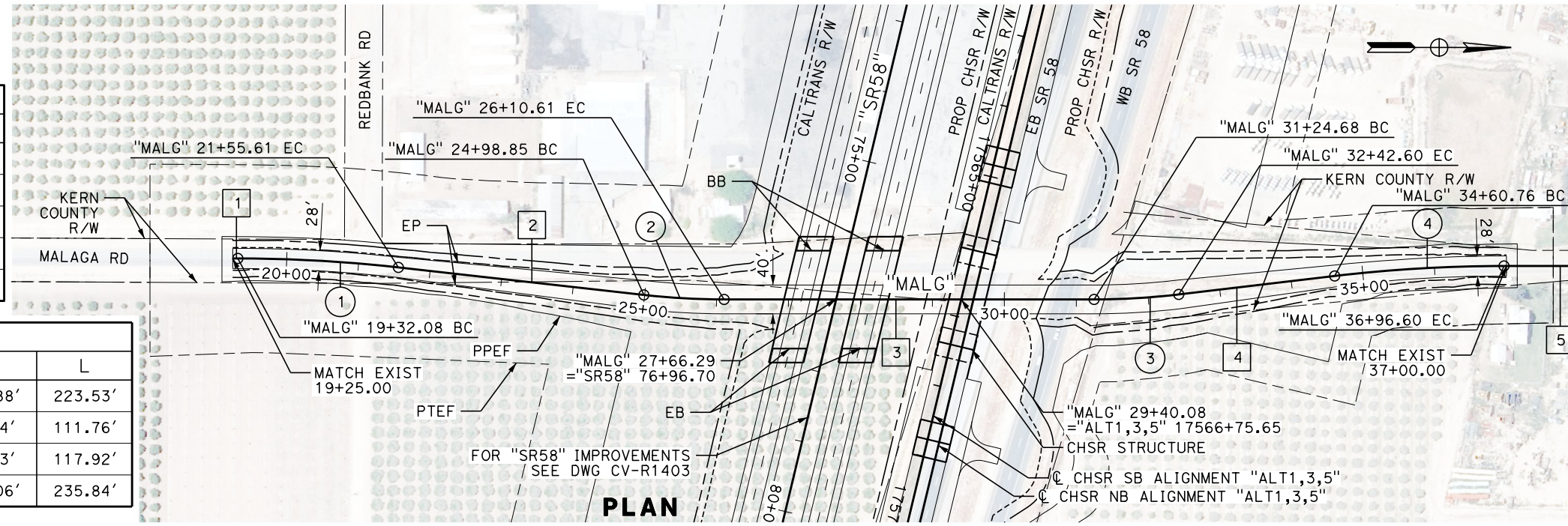
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1012
SCALE
AS SHOWN
SHEET NO.
89

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eialna.baldwin@tylin.com 2/19/23 AM

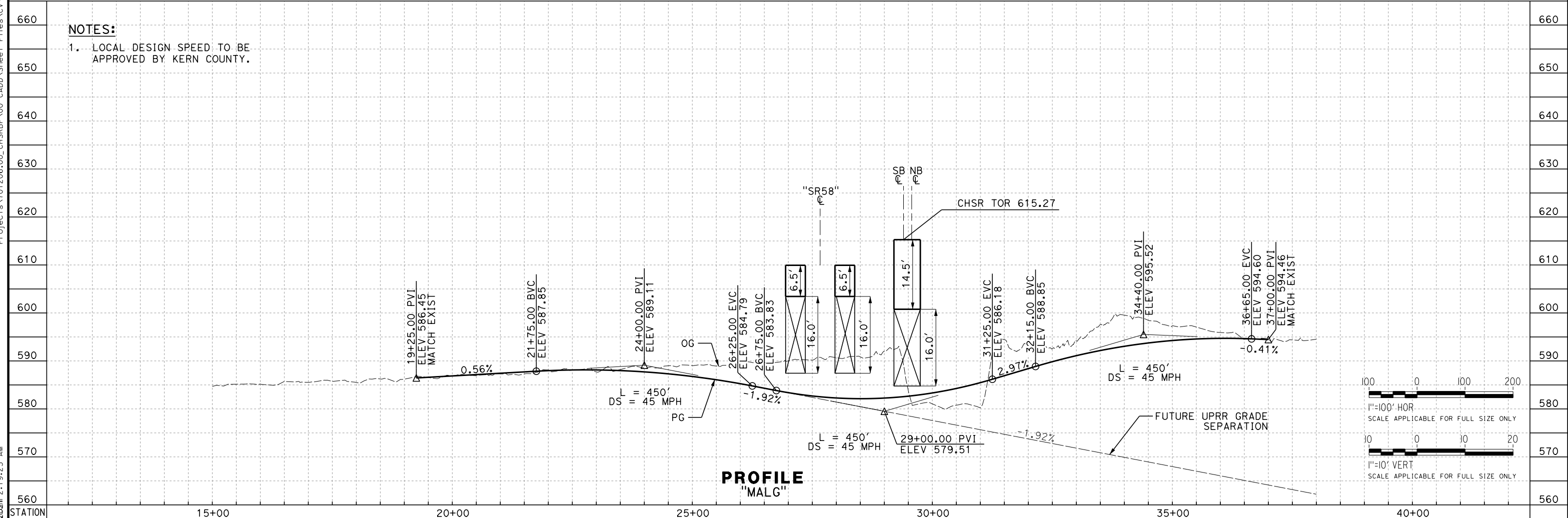
LINE DATA		
No.	BEARING	DISTANCE
1	N 0°00'00" W	7.08'
2	N 6°24'13" E	343.24'
3	N 0°00'00" W	514.07'
4	N 6°45'23" W	218.16'
5	N 0°00'00" E	103.40'

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'	111.76'
3	1000.00'	6°45'23"	59.03'	117.92'
4	2000.00'	6°45'23"	118.06'	235.84'



PLAN

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



PROFILE
"MALG"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



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

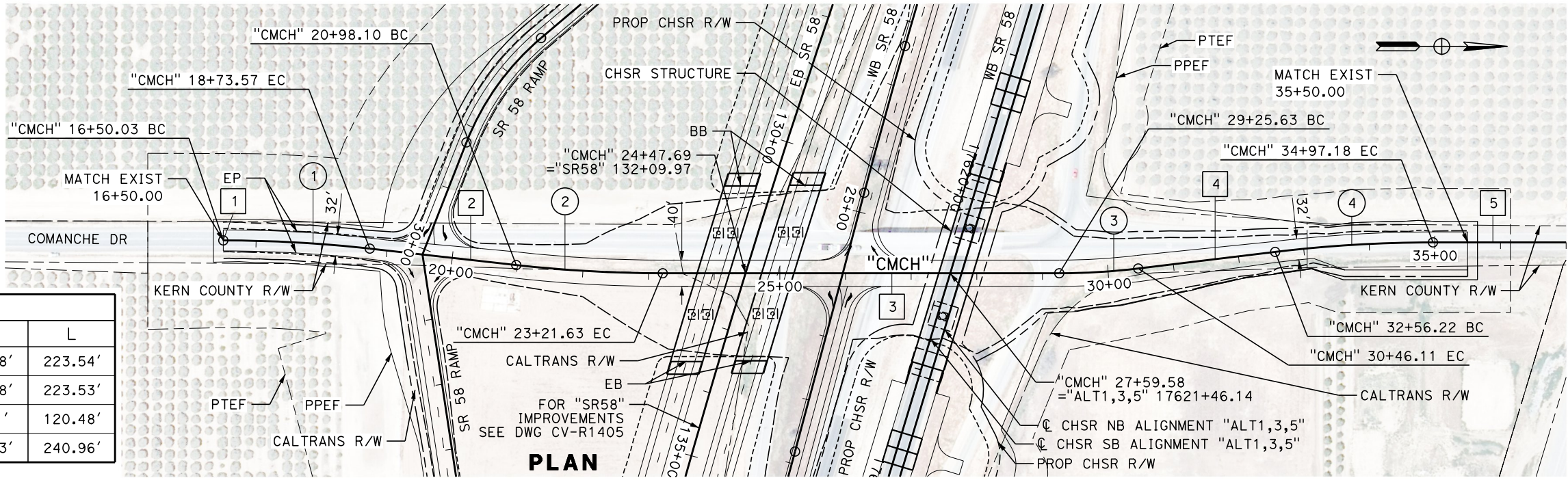
CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1025
 SCALE
AS SHOWN
 SHEET NO.
90

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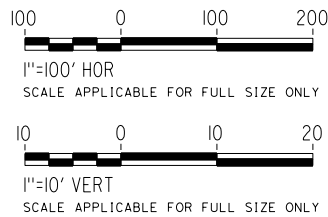
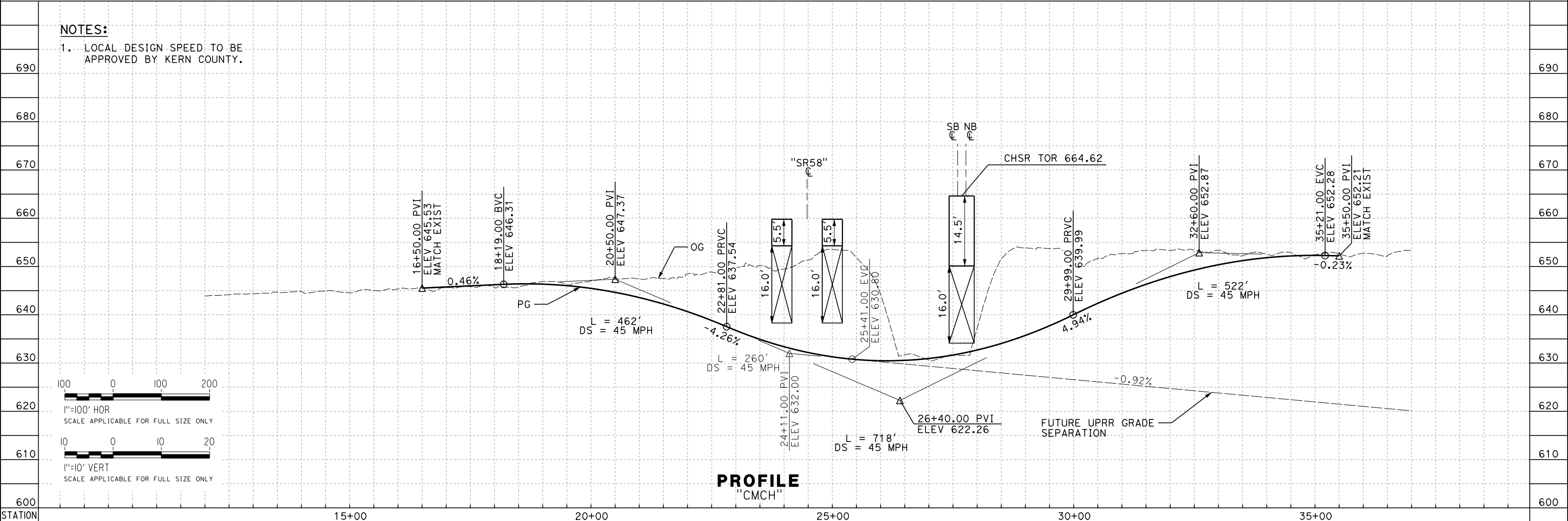
LINE DATA		
No.	BEARING	DISTANCE
1	N 0°02'30" E	0.03'
2	N 6°26'43" E	224.53'
3	N 0°02'30" E	604.00'
4	N 6°51'41" W	210.11'
5	N 0°02'30" E	202.82'

CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	6°24'13"	111.88'	223.54'
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'



NOTES:

- 1. LOCAL DESIGN SPEED TO BE APPROVED BY KERN COUNTY.



PROFILE
"CMCH"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



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

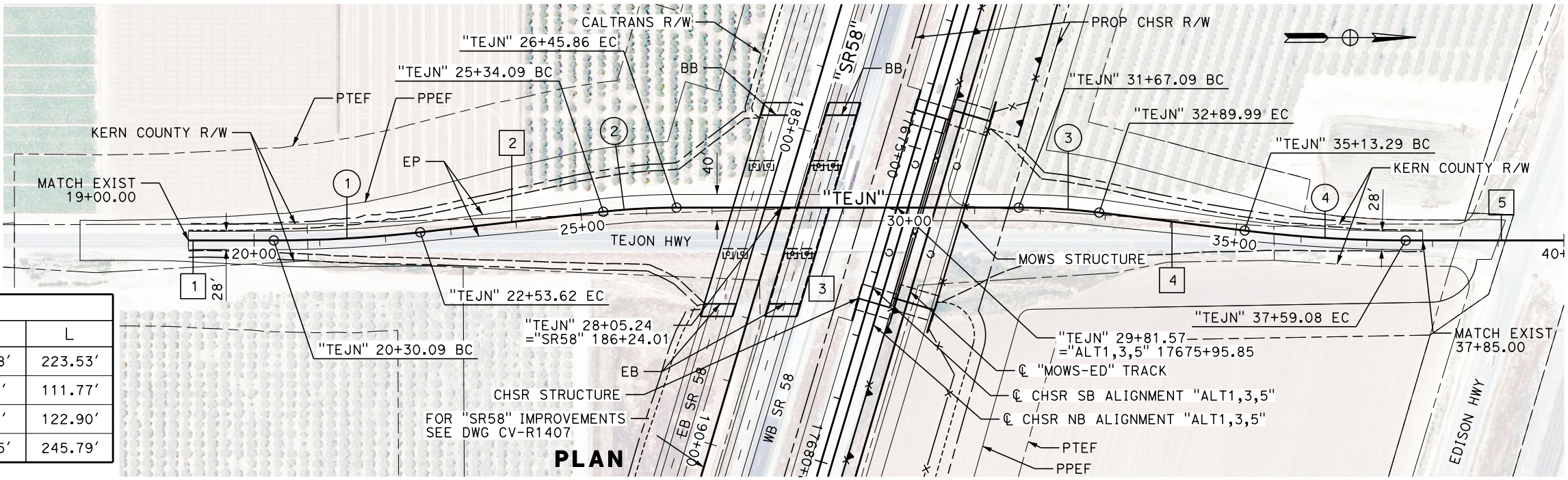
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1030
SCALE
AS SHOWN
SHEET NO.
91

Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1055

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LINE DATA		
No.	BEARING	DISTANCE
1	N 0°18'45" E	130.09'
2	N 6°05'28" W	280.47'
3	N 0°18'45" E	521.23'
4	N 7°21'14" E	223.30'
5	N 0°18'45" E	240.92'

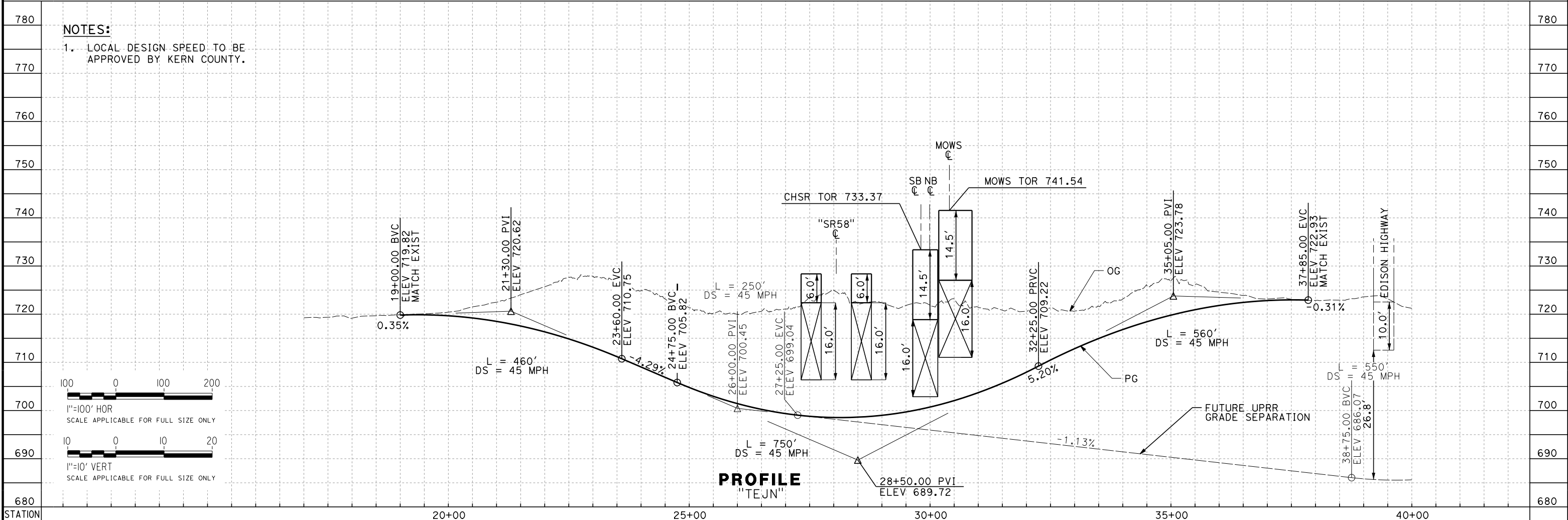
CURVE DATA				
No.	R	Δ	T	L
1	2000.00'	6°24'13"	111.88'	223.53'
2	1000.00'	6°24'13"	55.94'	111.77'
3	1000.00'	7°02'29"	61.52'	122.90'
4	2000.00'	7°02'29"	123.05'	245.79'



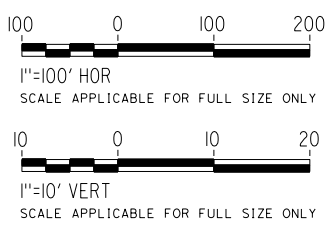
PLAN

FOR "SR58" IMPROVEMENTS
SEE DWG CV-R1407

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



PROFILE
"TEJN"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



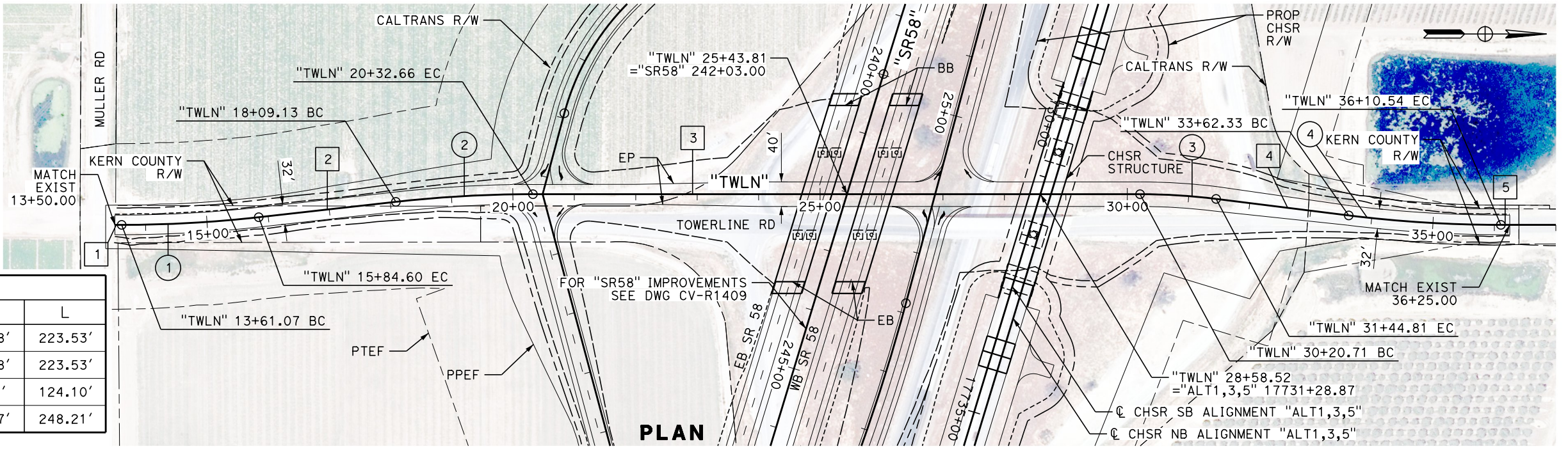
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,3,5
ROADWAY
TEJON HIGHWAY
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1055
SCALE
AS SHOWN
SHEET NO.
92

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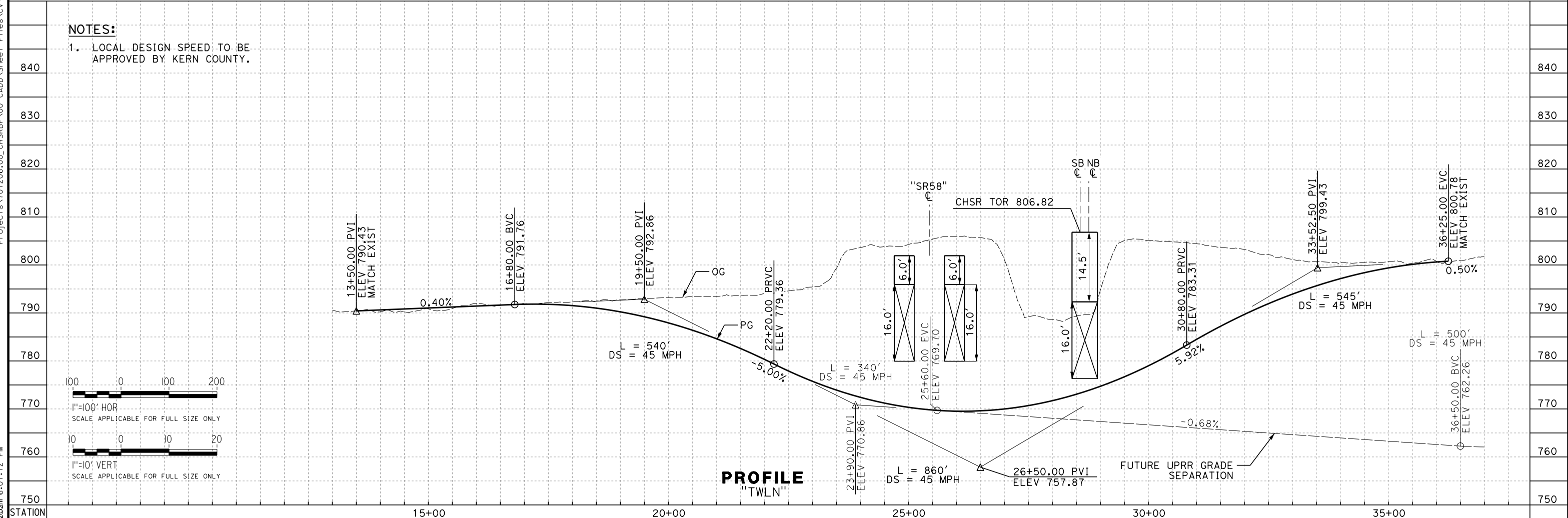
LINE DATA		
No.	BEARING	DISTANCE
1	N 0°00'00" E	11.07'
2	N 6°24'13" W	224.53'
3	N 0°00'00" E	988.05'
4	N 7°06'39" E	217.52'
5	N 0°00'00" W	14.46'

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'	124.10'
4	2000.00'	7°06'39"	124.27'	248.21'

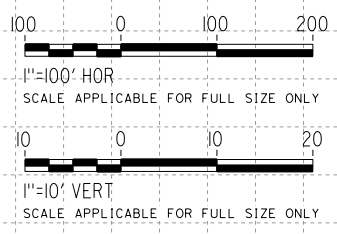


PLAN

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



PROFILE
"TWLN"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

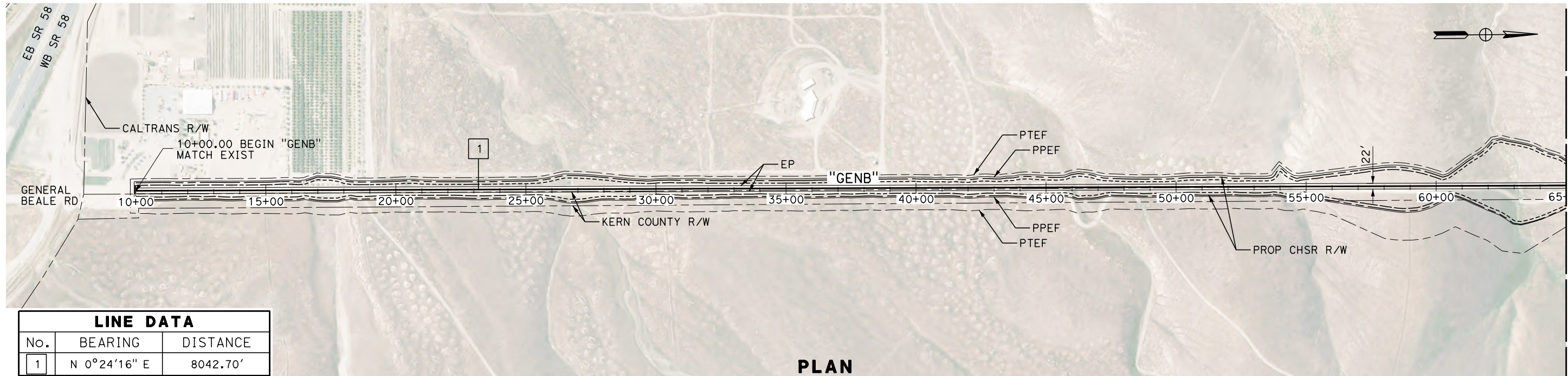
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



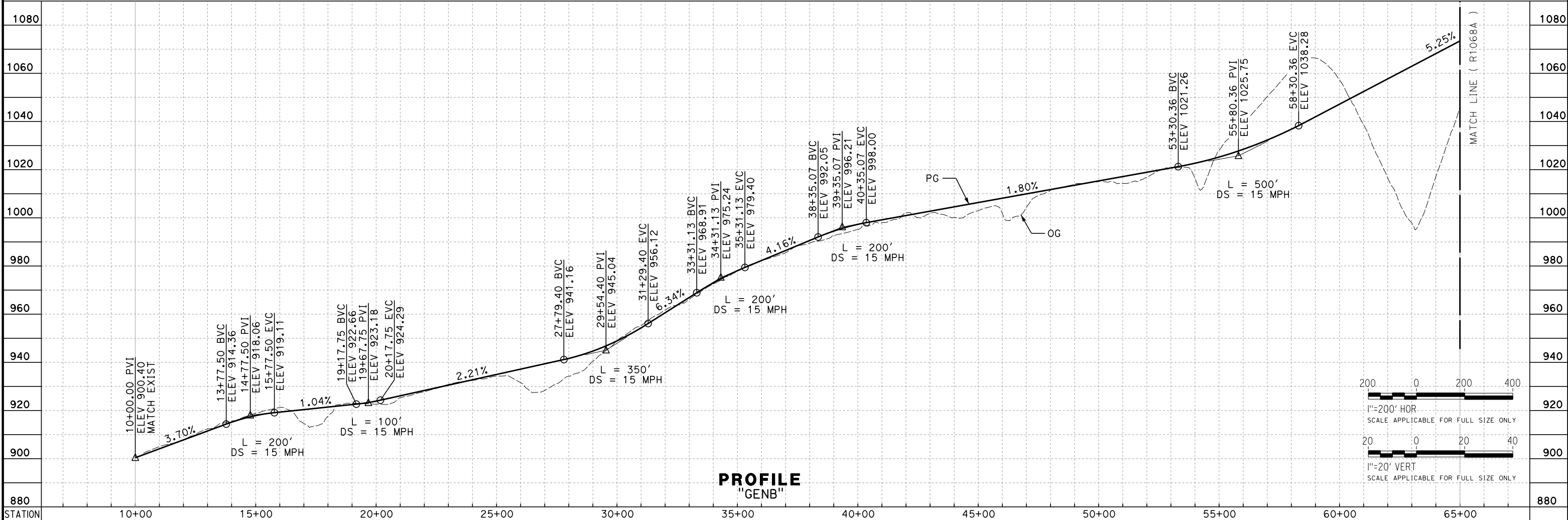
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,3,5
 ROADWAY
 TOWERLINE ROAD
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1060
 SCALE
AS SHOWN
 SHEET NO.
93



LINE DATA		
No.	BEARING	DISTANCE
1	N 0°24'16" E	8042.70'

PLAN



PROFILE
"GENB"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

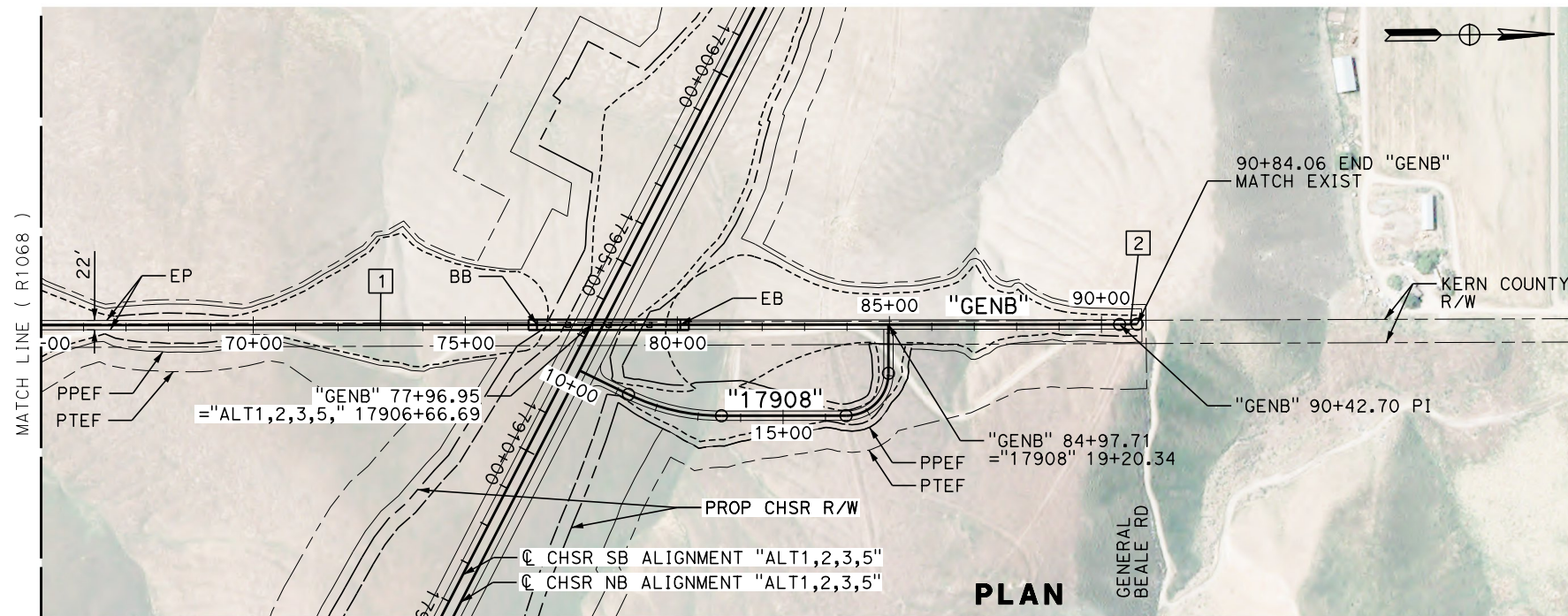
ALTERNATIVE 1,2,3,5
ROADWAY
GENERAL BEALE ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1068
SCALE
AS SHOWN
SHEET NO.
95

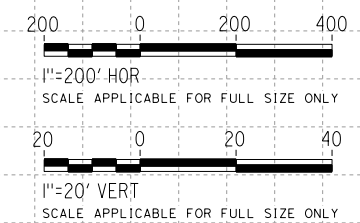
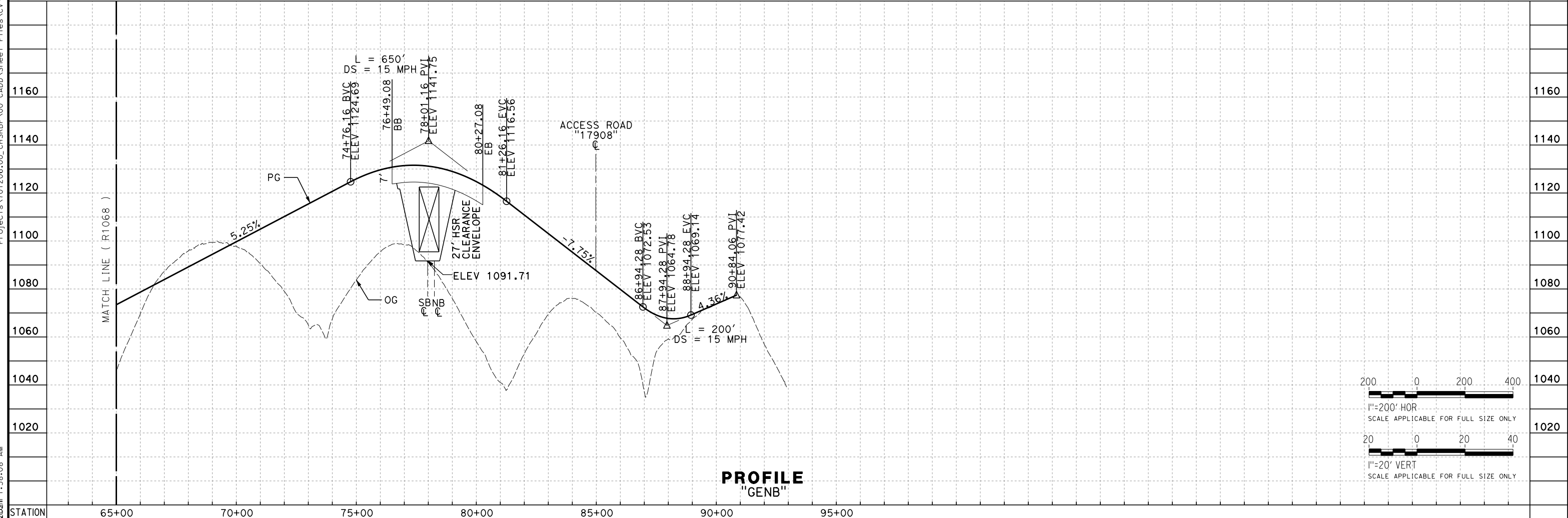
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e:\a\ba\balcawin\701206\1:59:09 AM

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 eia:na.baldwin@tylin.com 1:58:08 AM



LINE DATA		
No.	BEARING	DISTANCE
1	N 0°24'16" E	8042.70'
2	N 0°12'52" W	41.36'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
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

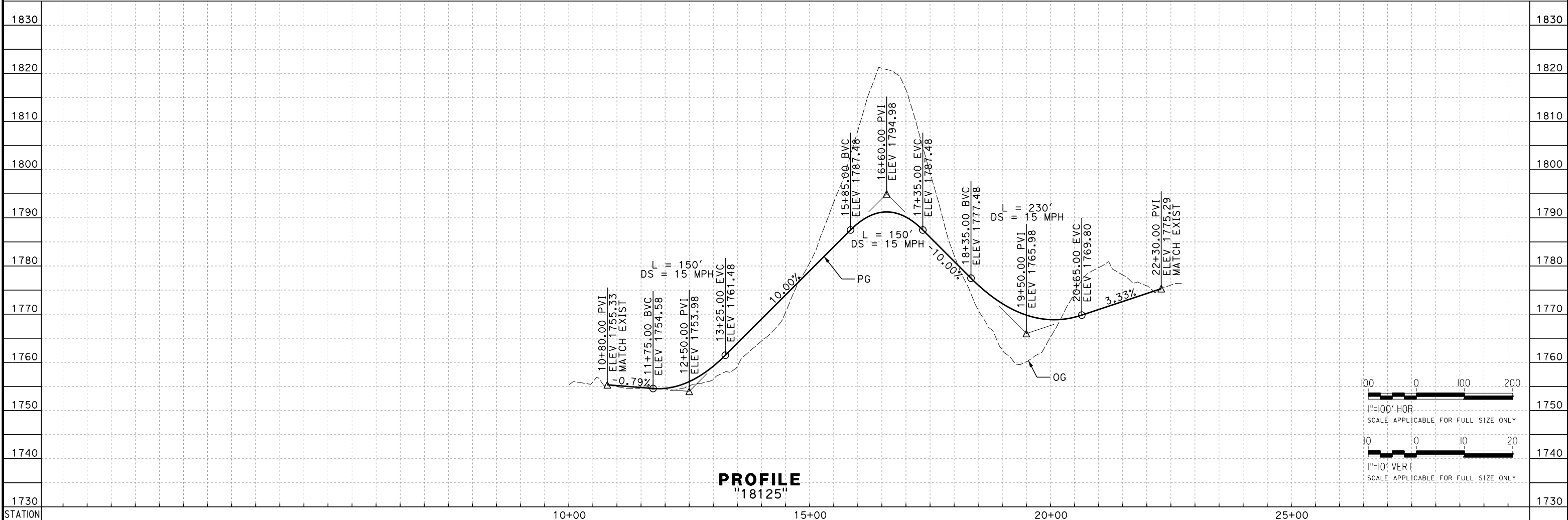
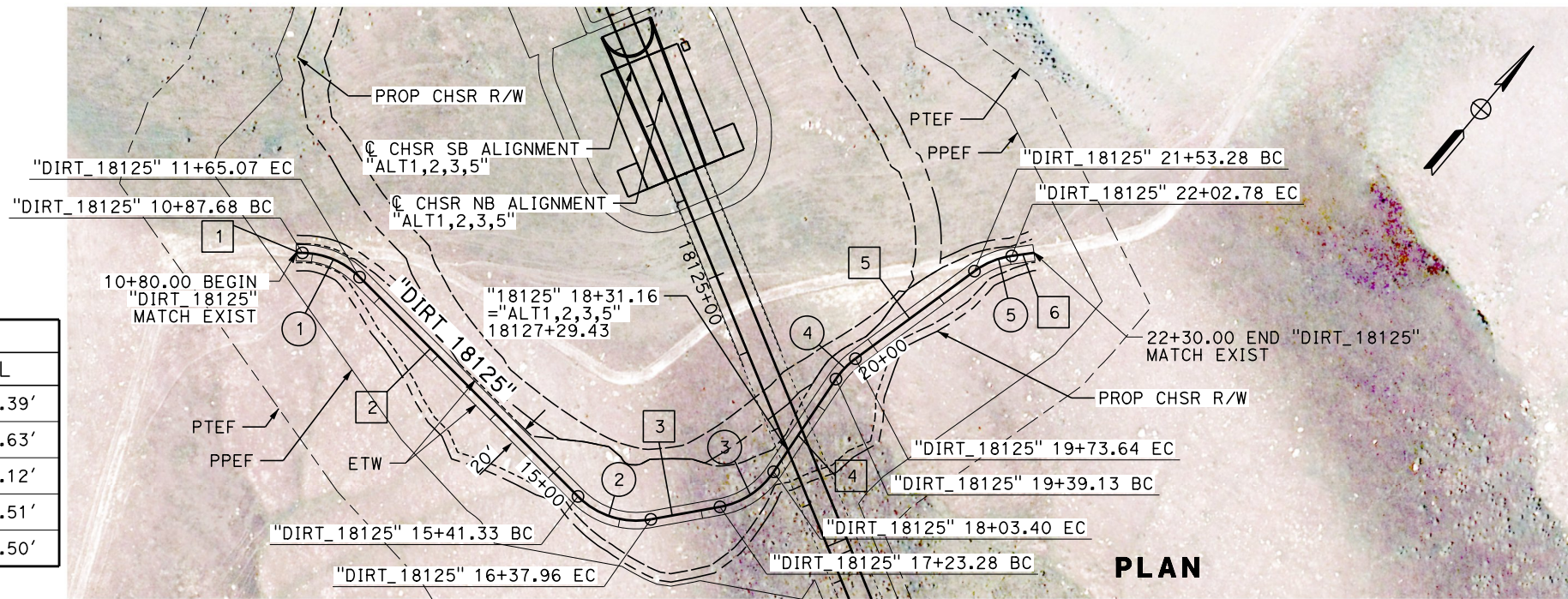
CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1068A
 SCALE
AS SHOWN
 SHEET NO.
96

Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1069

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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'	80.12'
4	100.00'	19°46'31"	17.43'	34.51'
5	100.00'	28°21'41"	25.27'	49.50'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
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

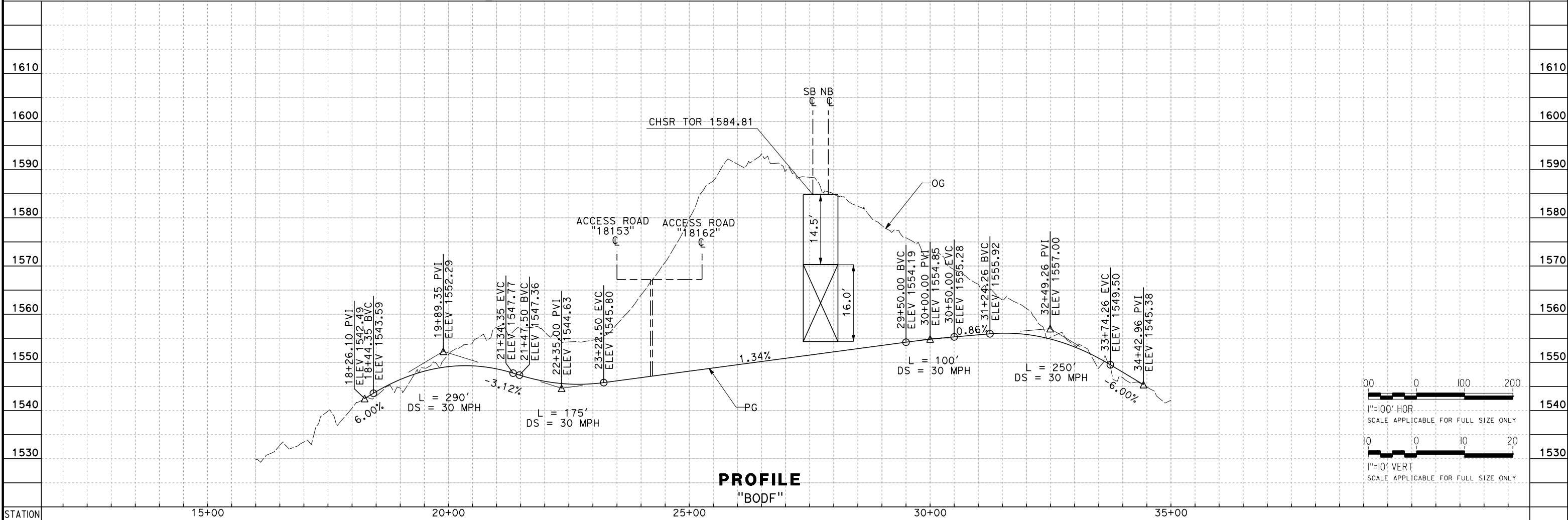
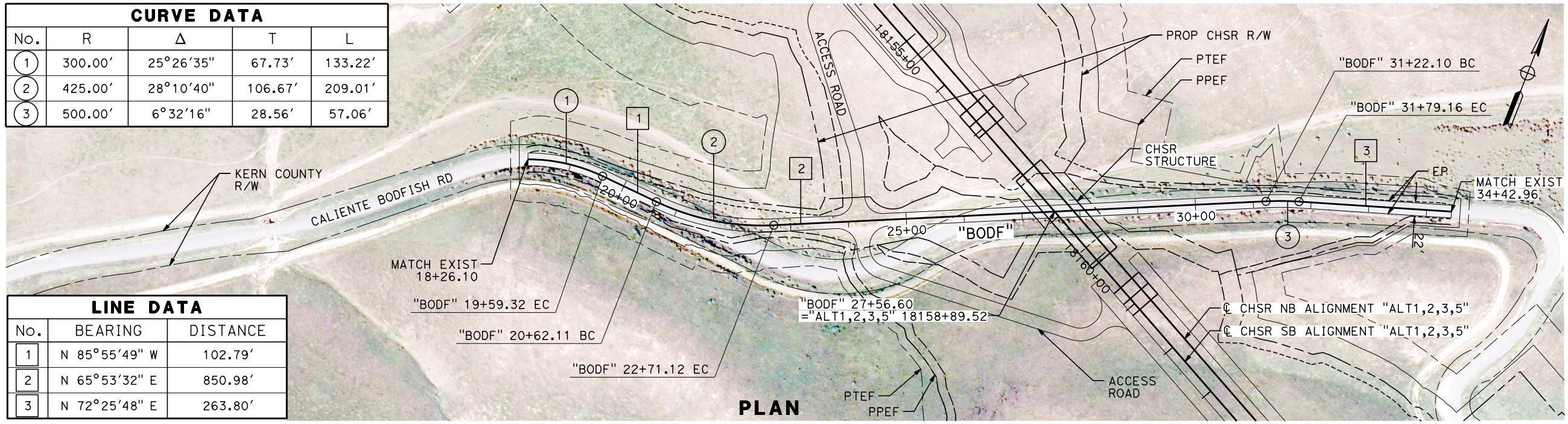
SHEET NO.
97

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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'	57.06'

LINE DATA		
No.	BEARING	DISTANCE
1	N 85°55'49" W	102.79'
2	N 65°53'32" E	850.98'
3	N 72°25'48" E	263.80'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

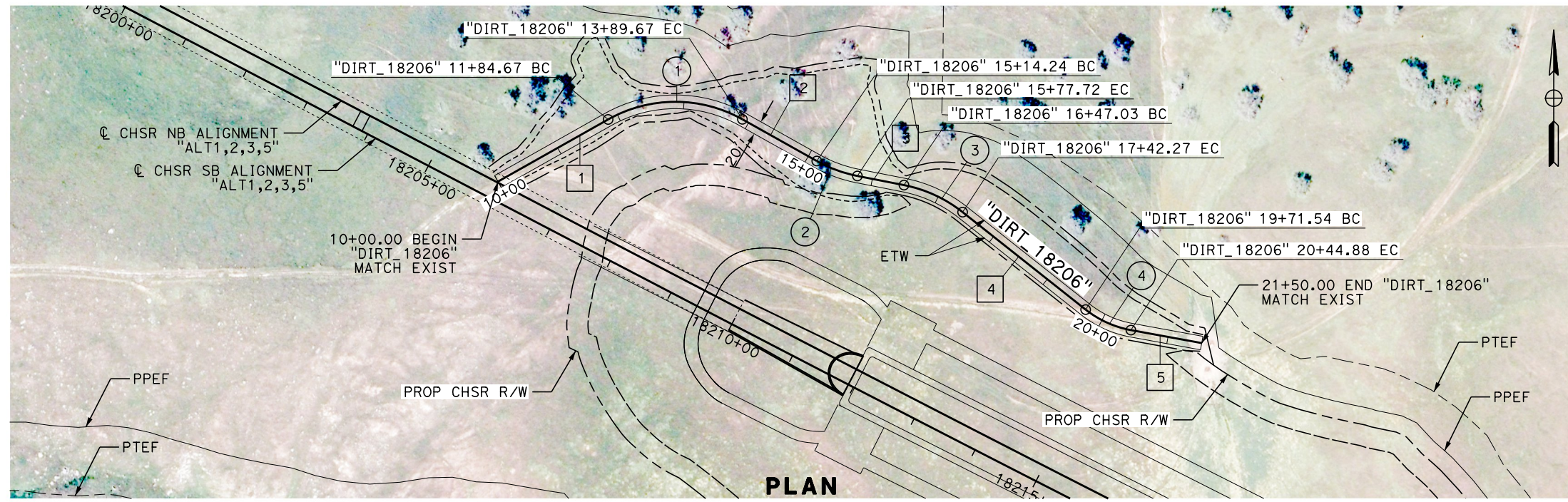


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
CALIENTE BODFISH ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1070
SCALE
AS SHOWN
SHEET NO.
98

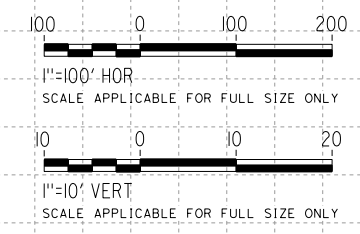
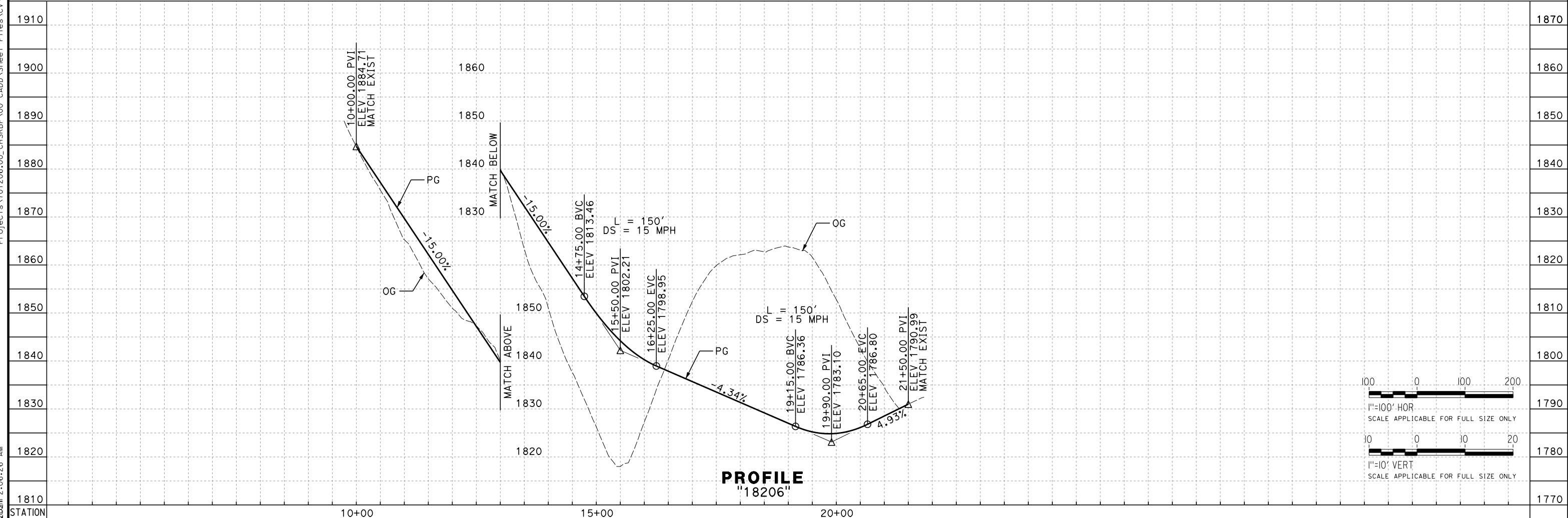
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LINE DATA		
No.	BEARING	DISTANCE
1	N 60°34'16" E	184.67'
2	S 60°42'08" E	124.57'
3	S 78°53'11" E	69.31'
4	S 51°36'15" E	229.27'
5	S 79°37'09" E	105.12'

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'	95.24'
4	150.00'	28°00'55"	37.42'	73.34'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

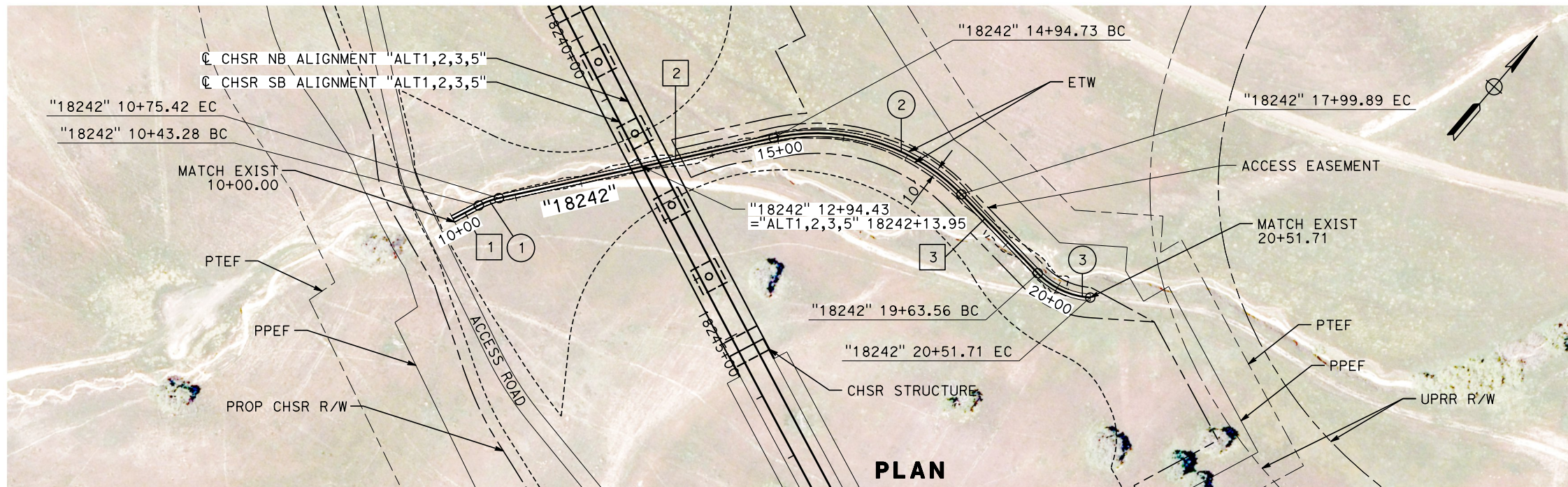


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
DIRT ROAD 18206+00
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1071
SCALE
AS SHOWN
SHEET NO.
100

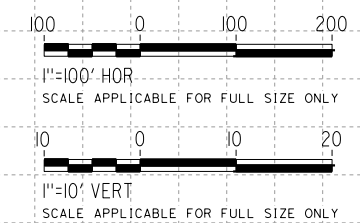
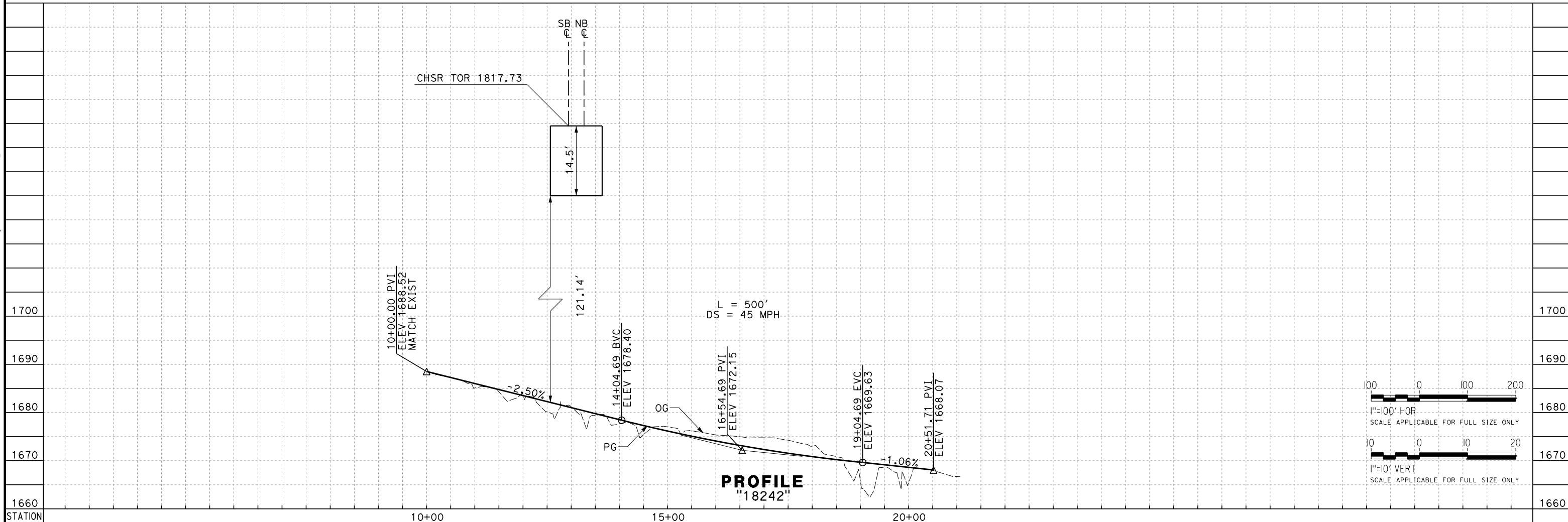
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LINE DATA		
No.	BEARING	DISTANCE
1	N 21°47'14" E	43.28'
2	N 37°08'03" E	419.31'
3	N 84°35'01" W	163.67'

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
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
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

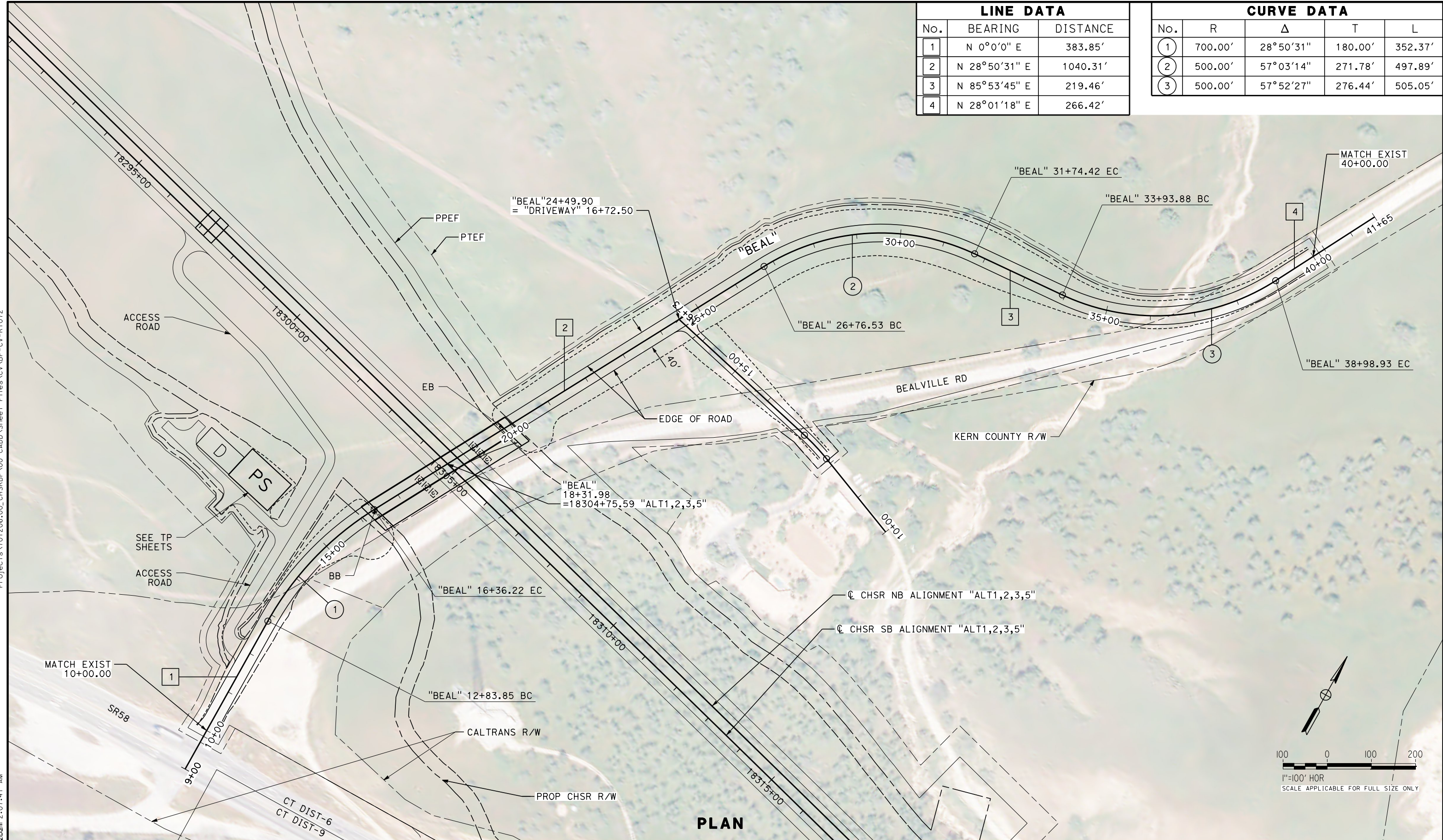
DRAWING NO.
CV-R1071A

SCALE
AS SHOWN

SHEET NO.
101

LINE DATA		
No.	BEARING	DISTANCE
1	N 0°0'0" E	383.85'
2	N 28°50'31" E	1040.31'
3	N 85°53'45" E	219.46'
4	N 28°01'18" E	266.42'

CURVE DATA				
No.	R	Δ	T	L
1	700.00'	28°50'31"	180.00'	352.37'
2	500.00'	57°03'14"	271.78'	497.89'
3	500.00'	57°52'27"	276.44'	505.05'



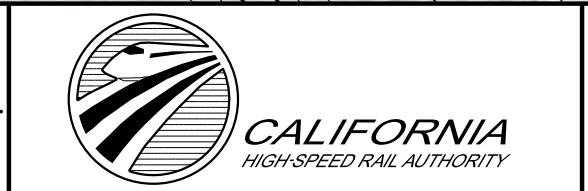
PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

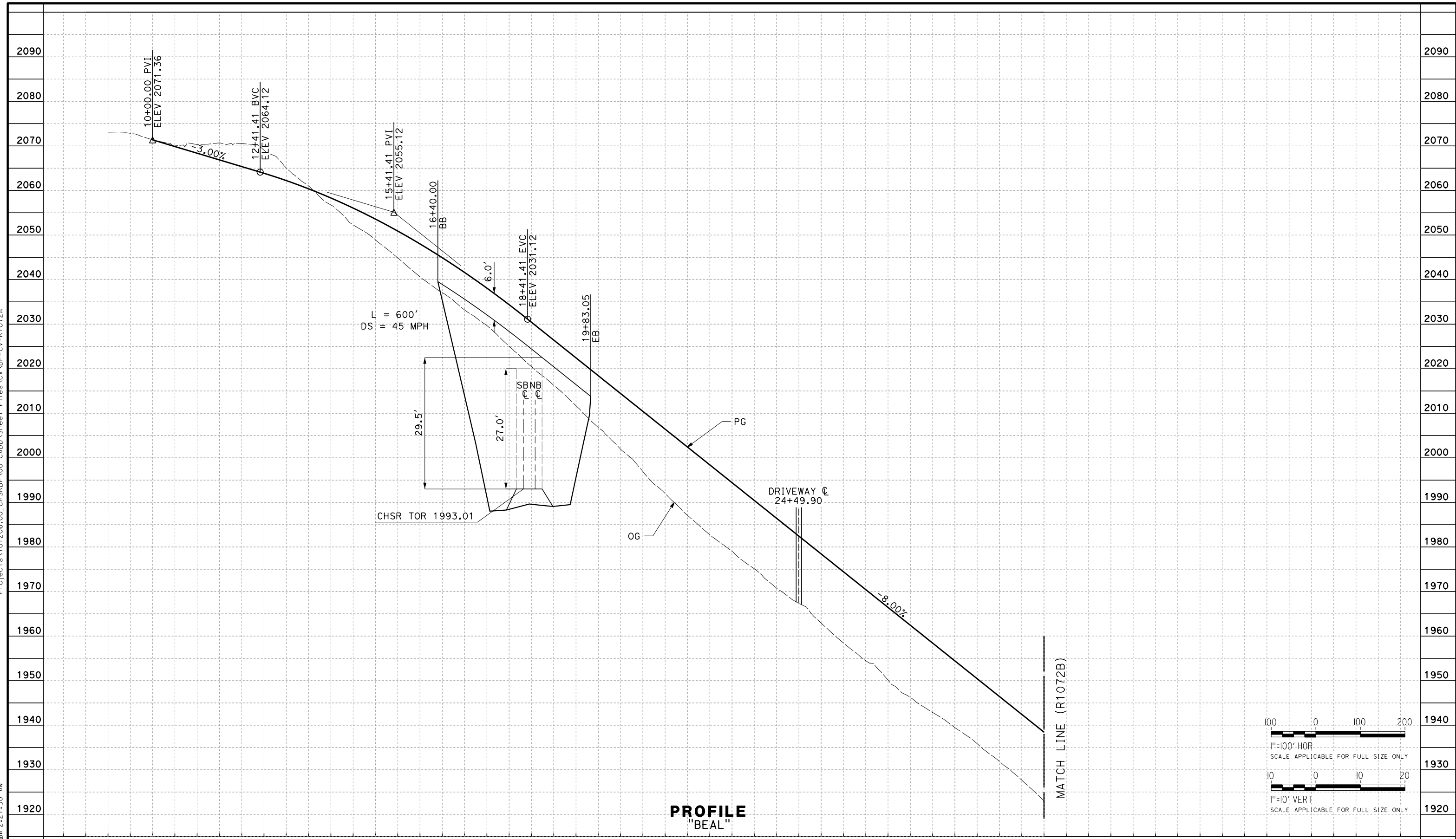
ALTERNATIVE 1,2,3,5
ROADWAY
BEALVILLE RD
PLAN

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1072
SCALE
AS SHOWN
SHEET NO.
102

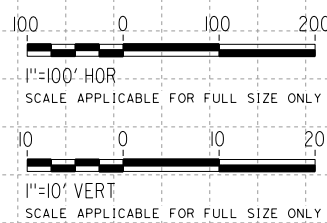
Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1072
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Projects\701206.00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1072A

e:\a\ba\balwin\01\13\2020\08 2:21:50 AM



PROFILE
"BEAL"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

TYLIN INTERNATIONAL

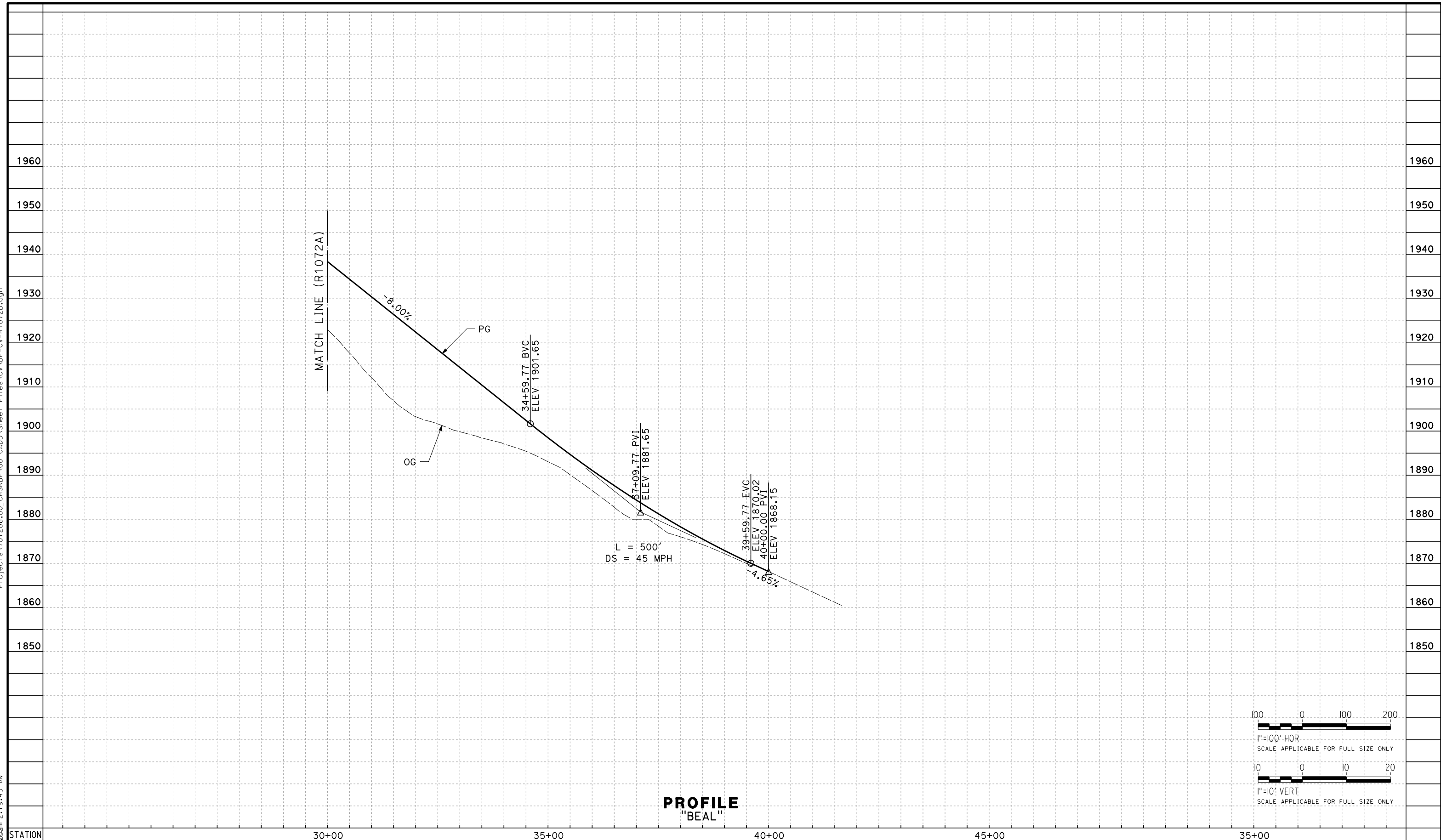


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
BEALVILLE RD
PROFILE

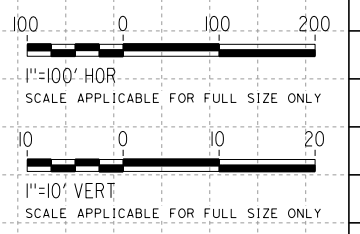
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1072A
SCALE
AS SHOWN
SHEET NO.
103

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e:\a\ba\balwin\11\112020\00 2:19:43 AM



PROFILE
"BEAL"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

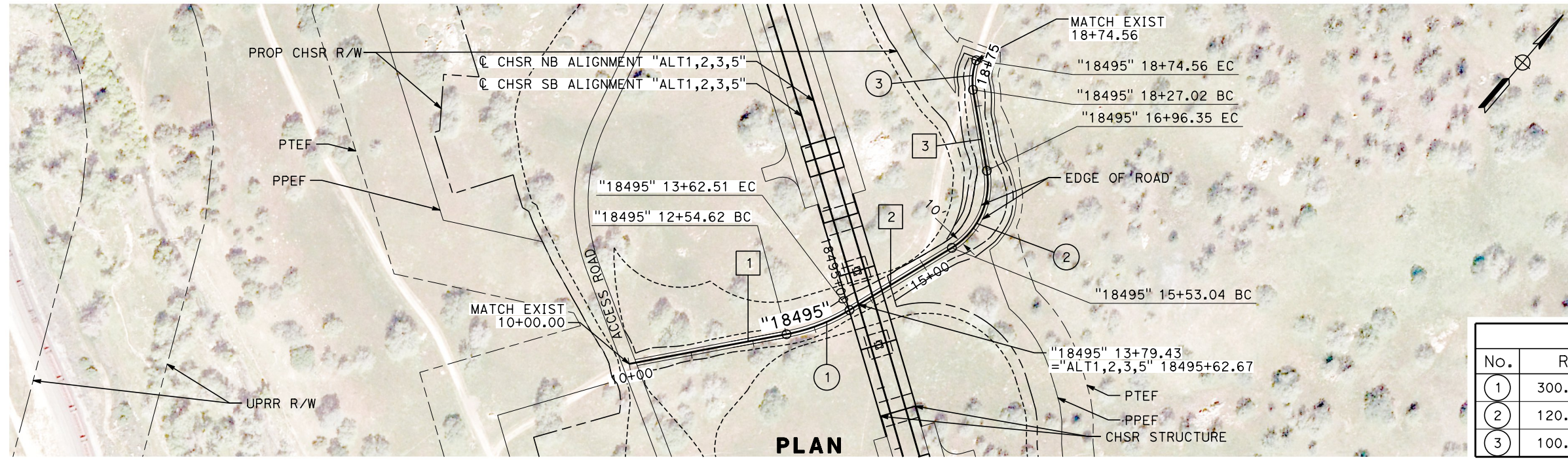


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
BEALVILLE RD
PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1072B
SCALE
AS SHOWN
SHEET NO.
104

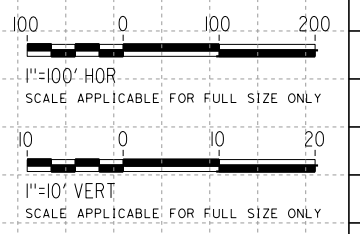
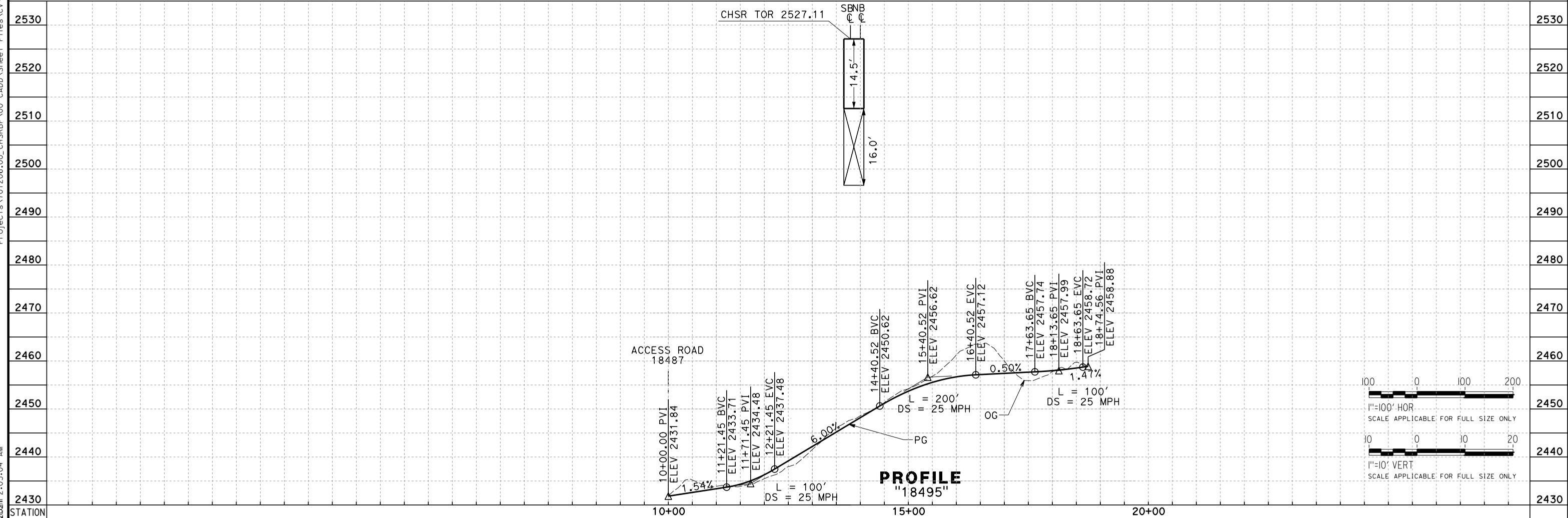
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e:\na.baldwin\11\112020\01 2:05:04 AM



LINE DATA		
No.	BEARING	DISTANCE
1	N 38°49'48" E	254.62'
2	N 18°13'31" E	190.53'
3	N 50°12'14" W	130.67'

CURVE DATA				
No.	R	Δ	T	L
1	300.00'	20°36'17"	54.53'	107.89'
2	120.00'	68°25'45"	81.60'	143.31'
3	100.00'	27°14'15"	24.23'	47.54'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

TYLIN INTERNATIONAL



**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

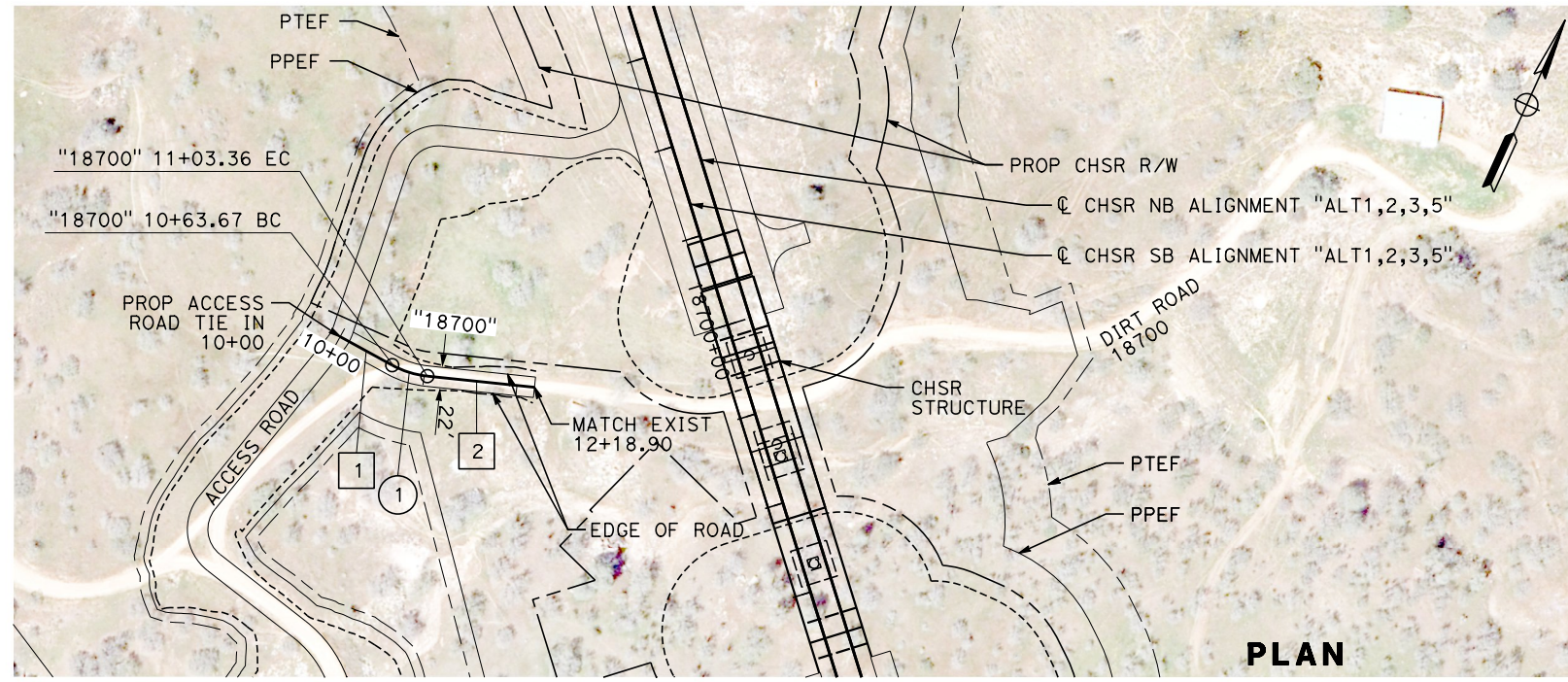
DRAWING NO.
CV-R1073

SCALE
AS SHOWN

SHEET NO.
105

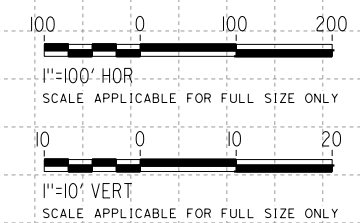
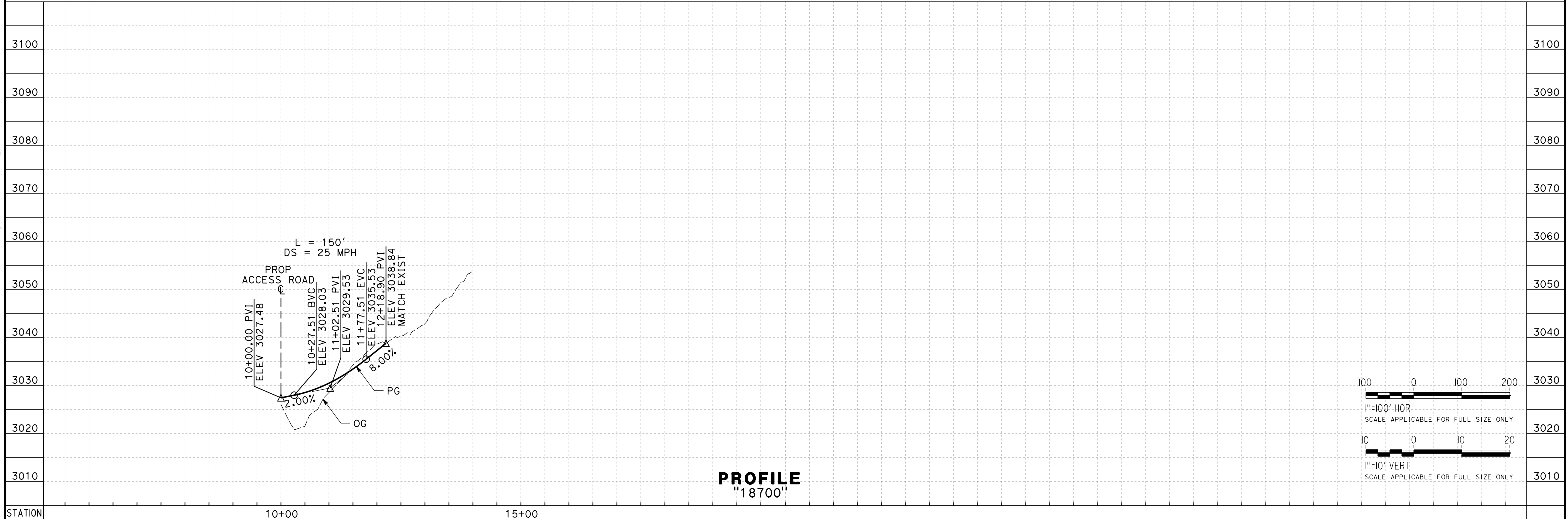
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e:\a\carol\carol\11\112020\01 2:16:52 AM



LINE DATA		
No.	BEARING	DISTANCE
1	S 85°44'40" E	63.67'
2	N 71°30'59" E	115.54'

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
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

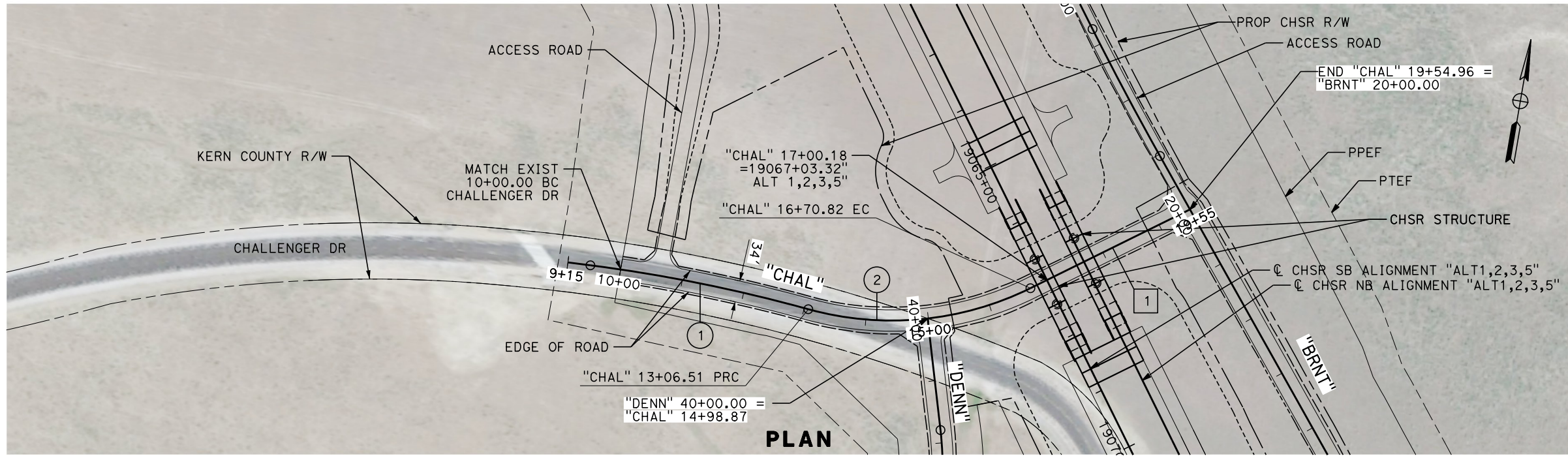
RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



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

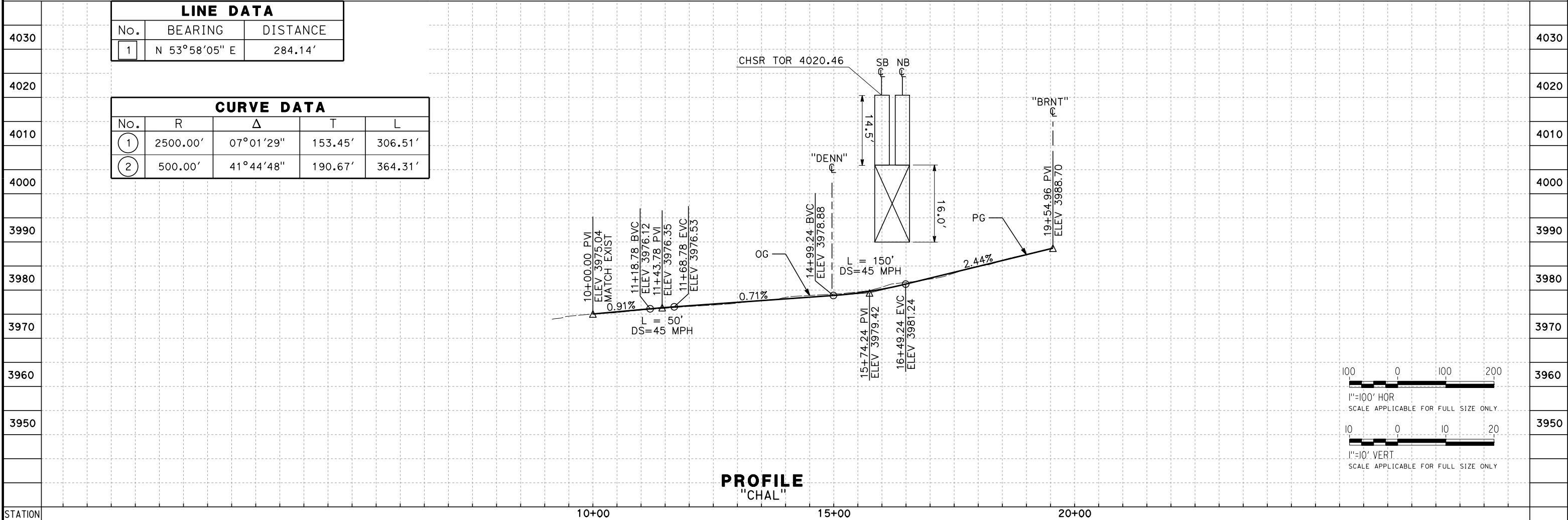
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1074
SCALE
AS SHOWN
SHEET NO.
106



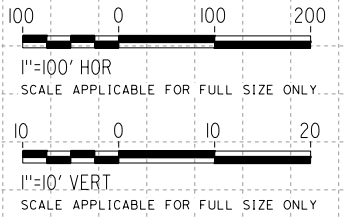
PLAN

LINE DATA		
No.	BEARING	DISTANCE
1	N 53°58'05" E	284.14'

CURVE DATA				
No.	R	Δ	T	L
1	2500.00'	07°01'29"	153.45'	306.51'
2	500.00'	41°44'48"	190.67'	364.31'



PROFILE
"CHAL"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION



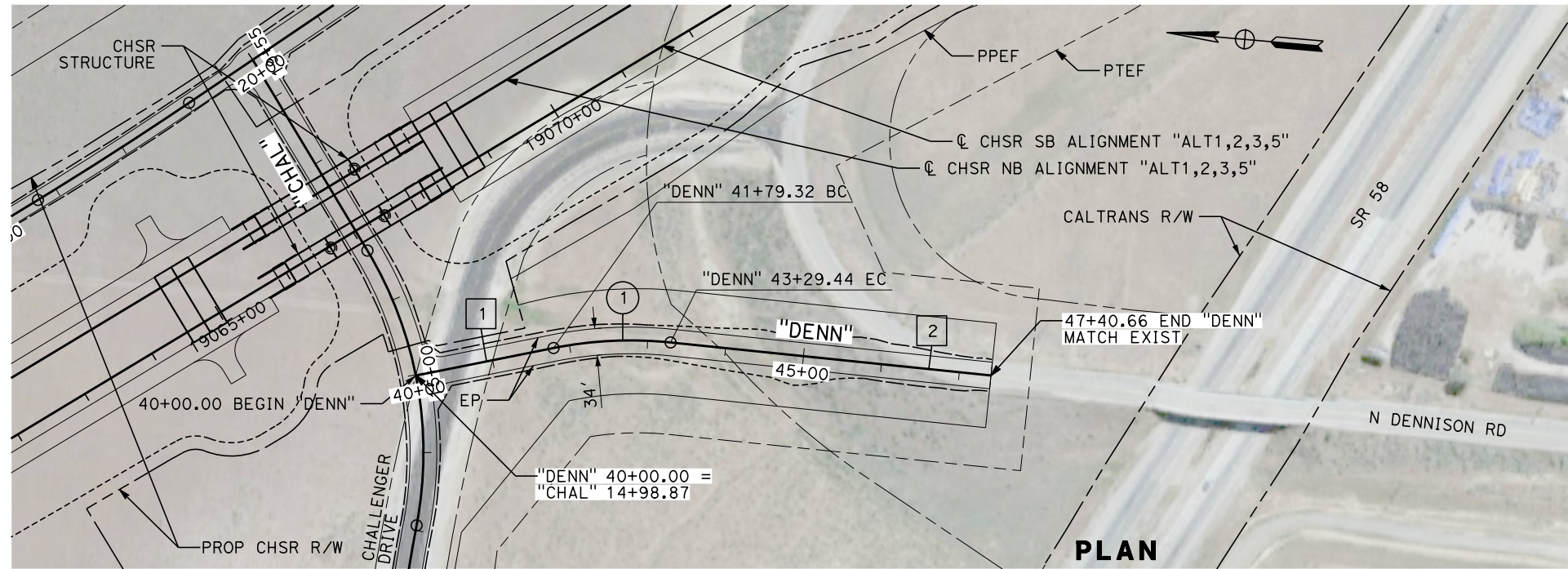
CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
CHALLENGER DR
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1075
SCALE
AS SHOWN
SHEET NO.
107

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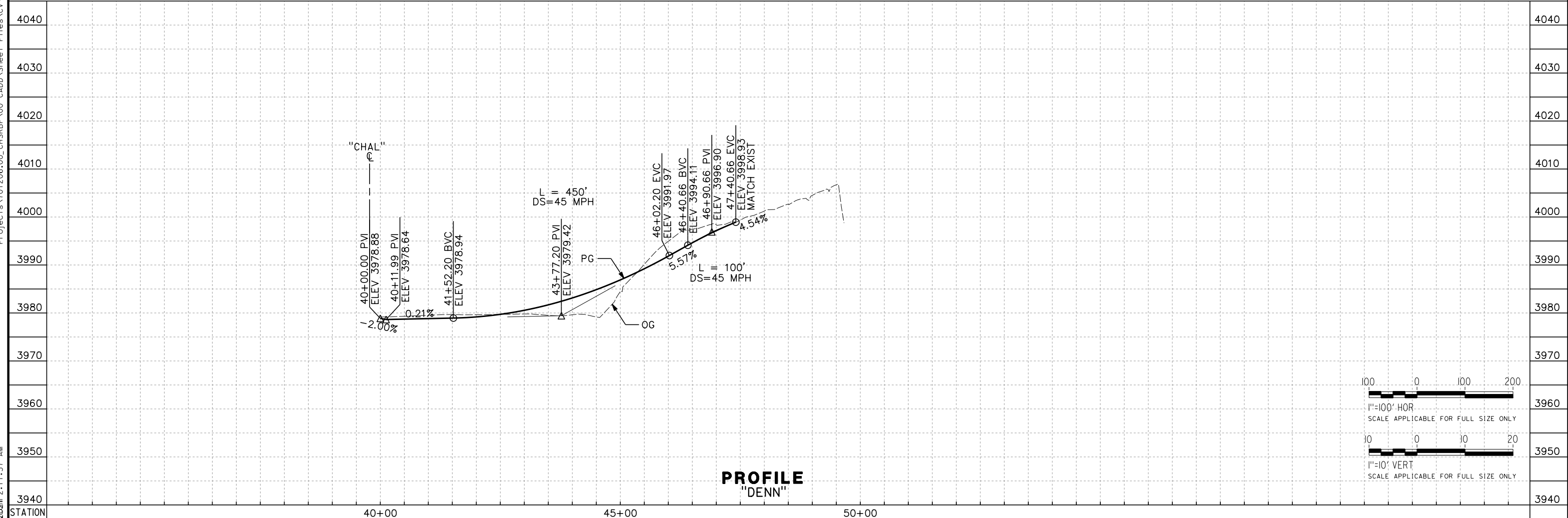
Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1075A

e:\a\ina.baldwin\11\112020\00 2:11:37 AM



LINE DATA		
No.	BEARING	DISTANCE
1	S 16°19'41" E	179.32'
2	N 0°52'28" W	411.22'

CURVE DATA				
No.	R	Δ	T	L
1	500.00'	17°12'09"	75.63'	150.12'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
 DRAWN BY
E. BALDWIN
 CHECKED BY
D. HOLMAN
 IN CHARGE
G. CAMPBELL
 DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

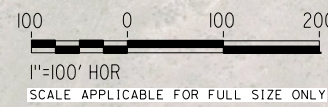
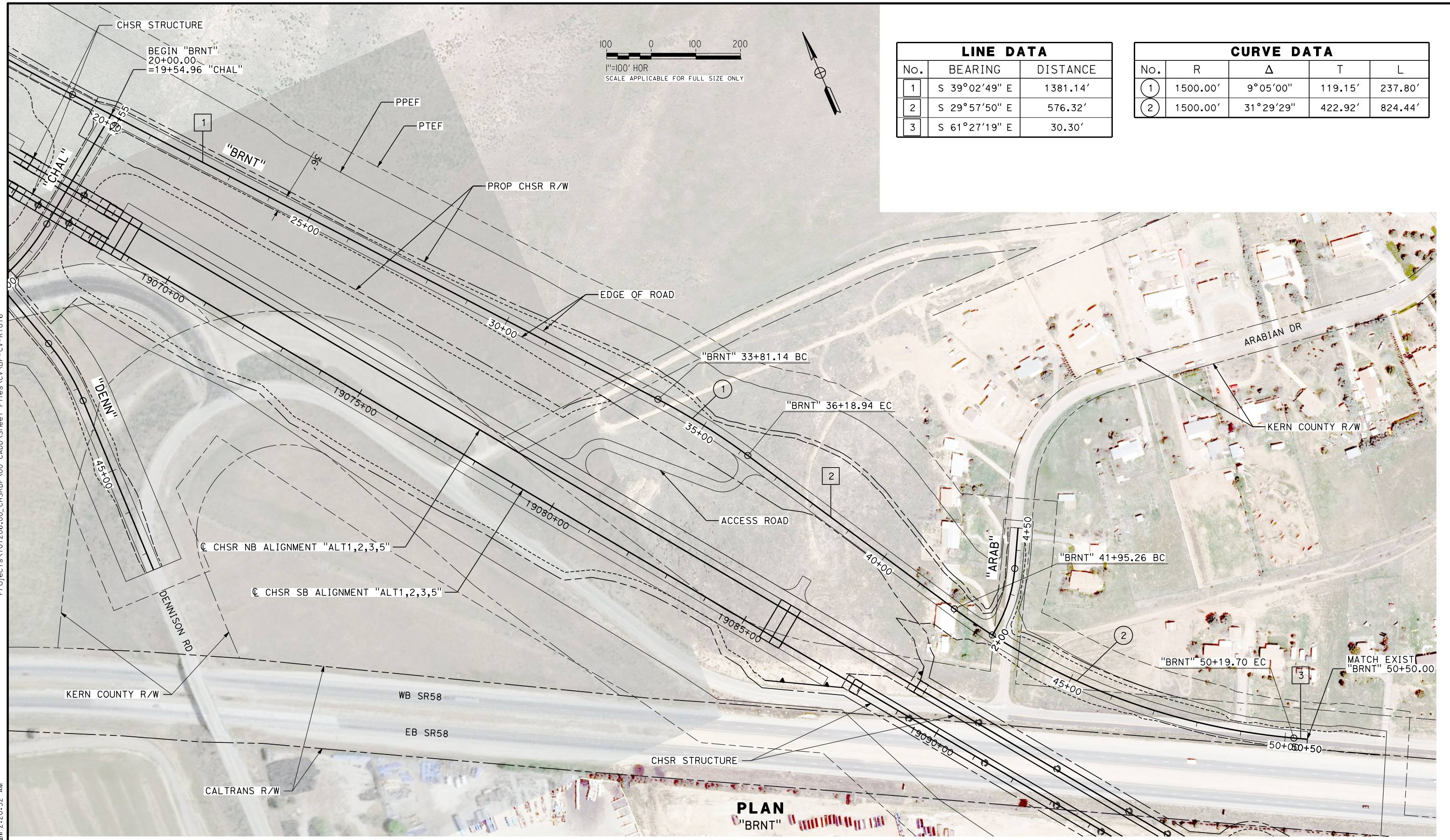


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
 ALTERNATIVE 1,2,3,5
 ROADWAY
 DENNISON RD
 PLAN AND PROFILE

CONTRACT NO.
HSR13-44
 DRAWING NO.
CV-R1075A
 SCALE
AS SHOWN
 SHEET NO.
108

Projects\701206.00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1076

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LINE DATA		
No.	BEARING	DISTANCE
1	S 39°02'49" E	1381.14'
2	S 29°57'50" E	576.32'
3	S 61°27'19" E	30.30'

CURVE DATA				
No.	R	Δ	T	L
1	1500.00'	9°05'00"	119.15'	237.80'
2	1500.00'	31°29'29"	422.92'	824.44'

PLAN
"BRNT"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

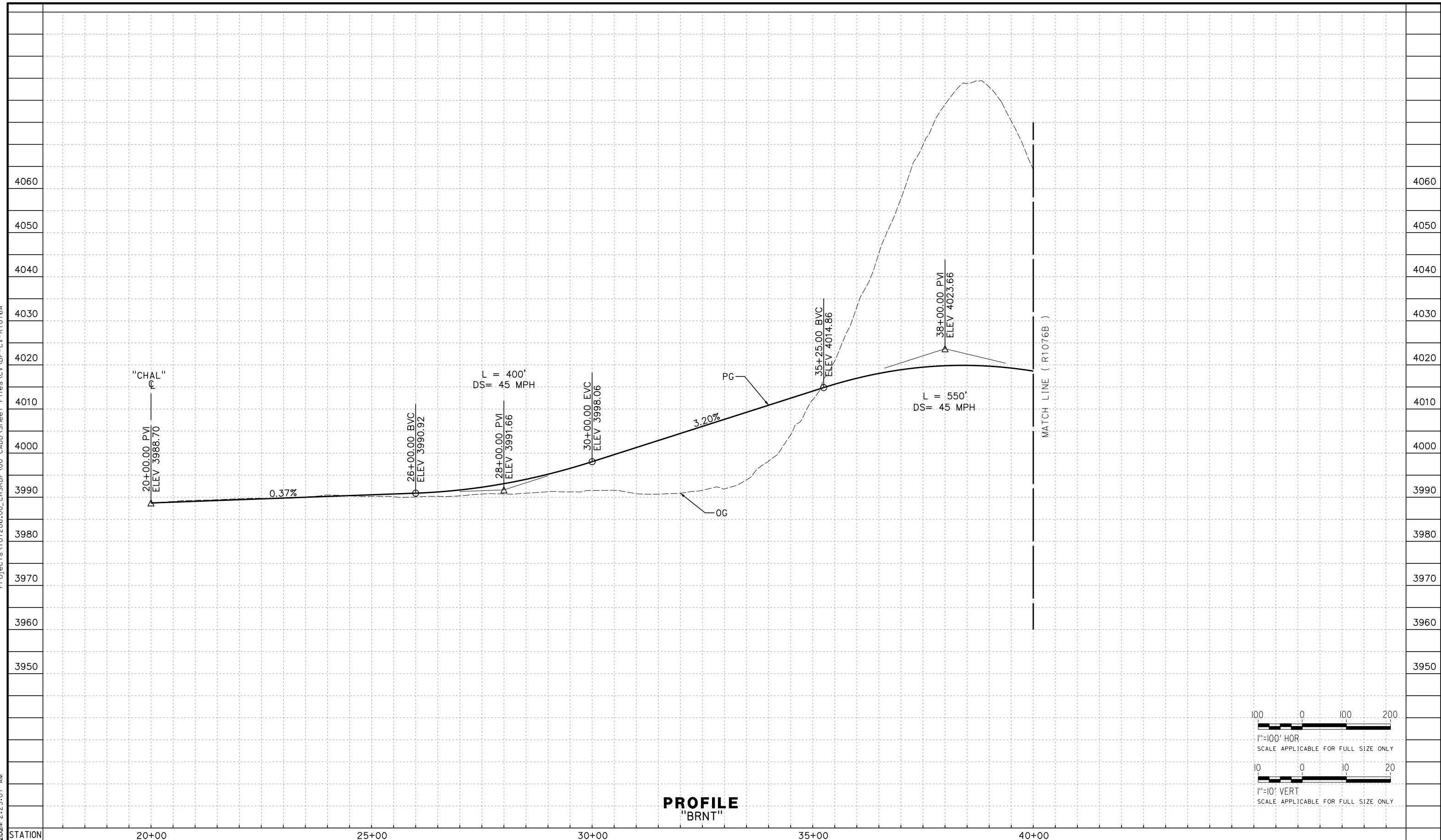


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
BURNETT ROAD
PLAN

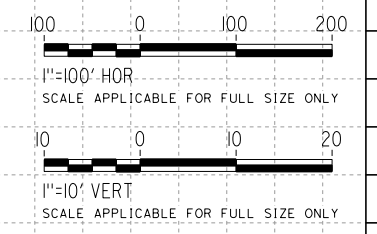
CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1076
SCALE
AS SHOWN
SHEET NO.
109

Projects\701206\00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1076A

e:\a\ba\balwin\11\112020\01 2:23:01 AM



PROFILE
"BRNT"



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

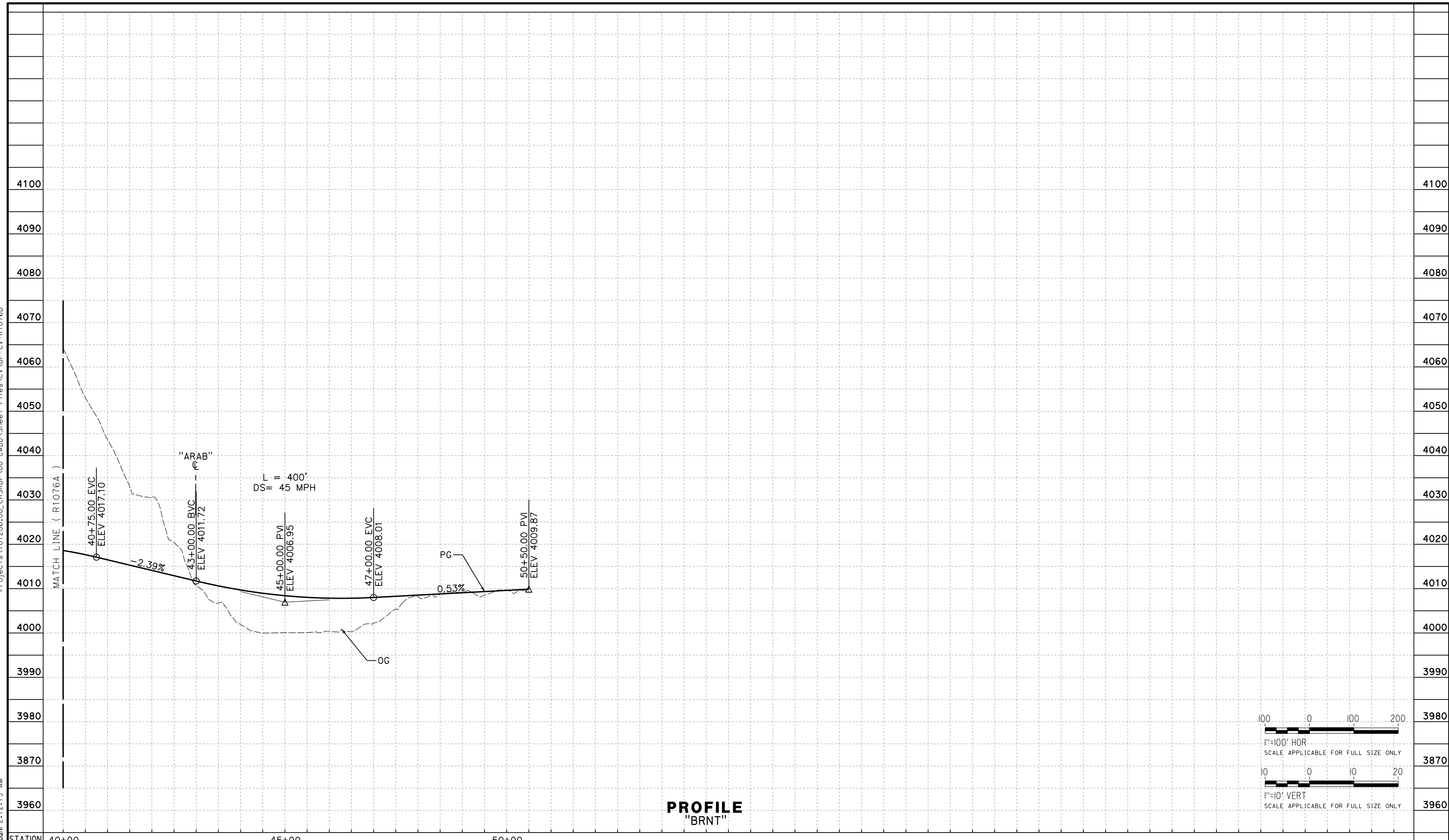


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
BURNETT ROAD
PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1076A
SCALE
AS SHOWN
SHEET NO.
110

Projects\701206\00_CHSRBP\00_CADD\Sheet_Files\CV\BP-CV-R1076B

e:\a\ba\balwin\01\13\2020\01 2:12:15 AM



PROFILE
"BRNT"

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

RECORD SET
PEPD
SUBMITTAL

NOT FOR
CONSTRUCTION

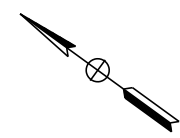
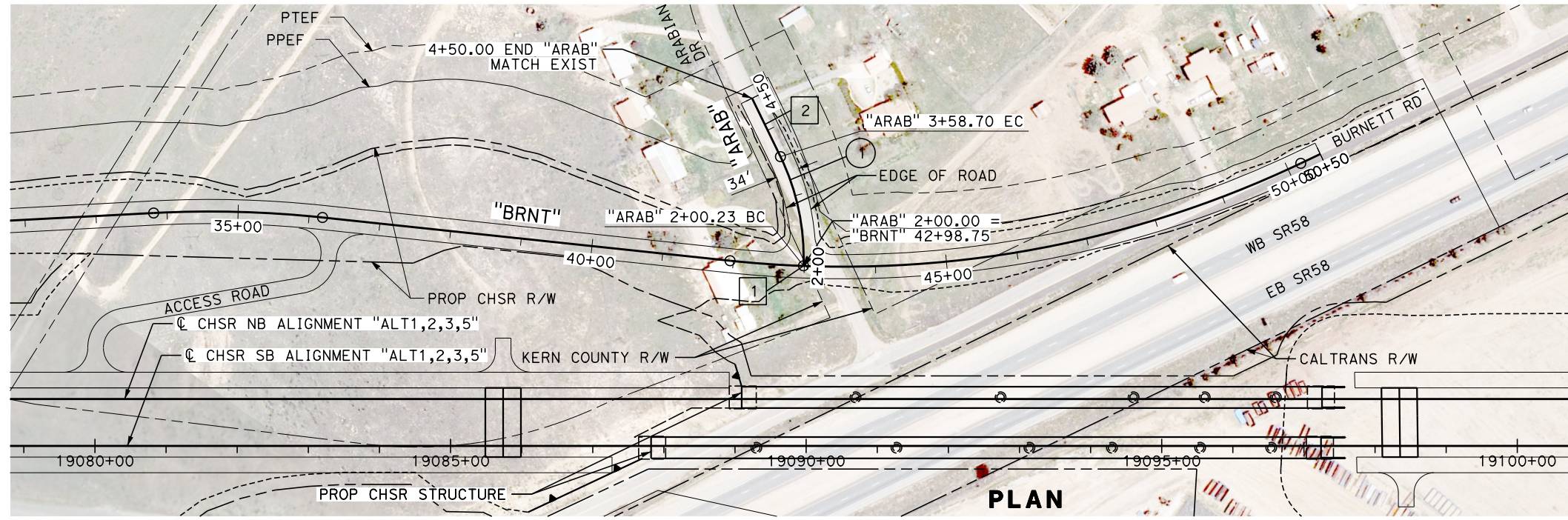


CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE
ALTERNATIVE 1,2,3,5
ROADWAY
BURNETT ROAD
PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1076B
SCALE
AS SHOWN
SHEET NO.
111

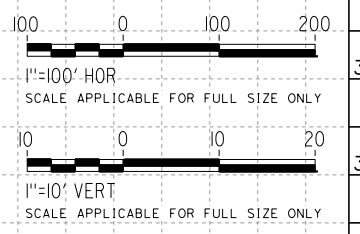
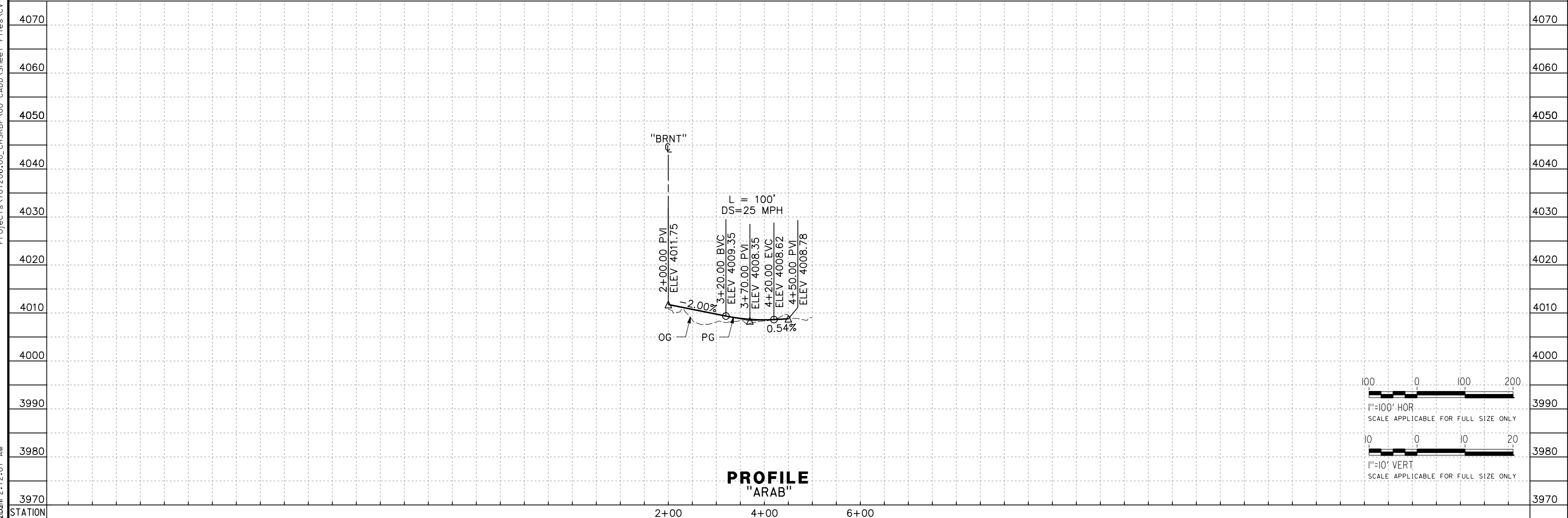
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e:\a.baldwin\11/13/2020 2:12:01 AM



LINE DATA		
No.	BEARING	DISTANCE
1	N 56°05'02" E	0.23'
2	N 28°03'39" E	91.30'

CURVE DATA				
No.	R	Δ	T	L
1	324.00'	28°01'23"	80.85'	158.47'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. CAROLINO
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

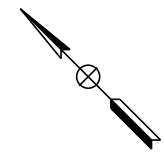
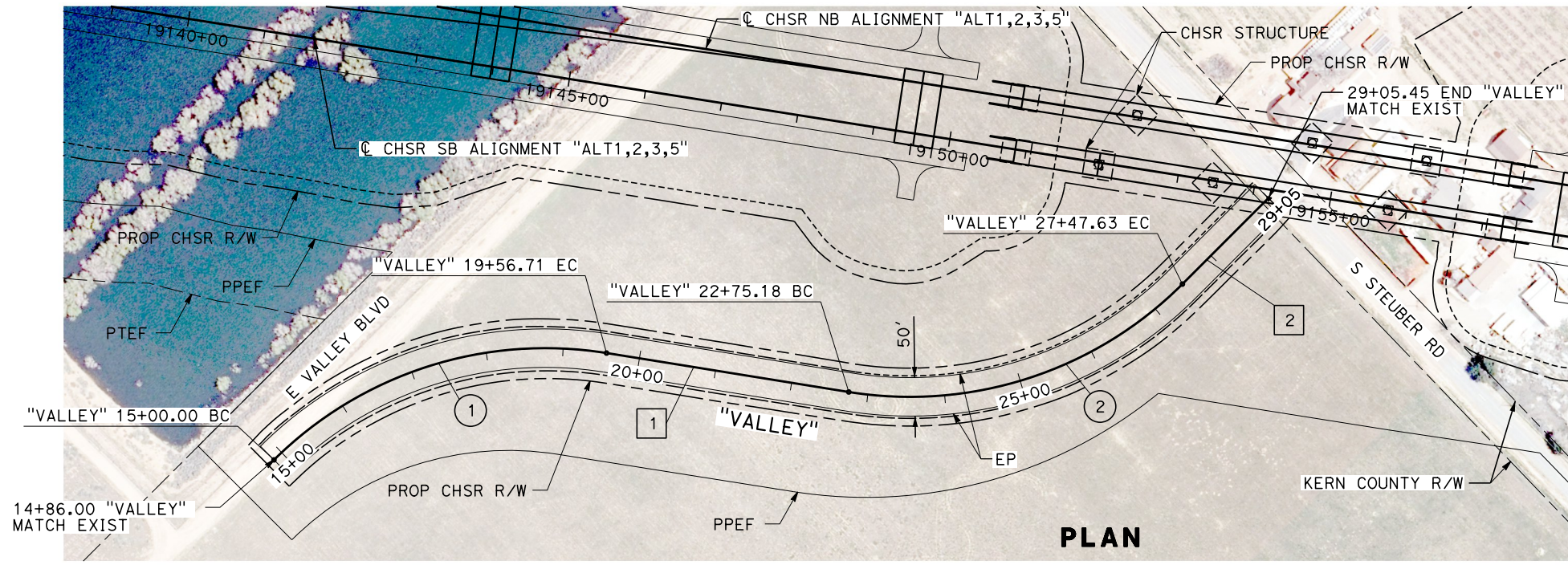


**CALIFORNIA HIGH-SPEED RAIL PROJECT
BAKERSFIELD TO PALMDALE**
ALTERNATIVE 1,2,3,5
ROADWAY
ARABIAN ROAD
PLAN AND PROFILE

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1076C
SCALE
AS SHOWN
SHEET NO.
112

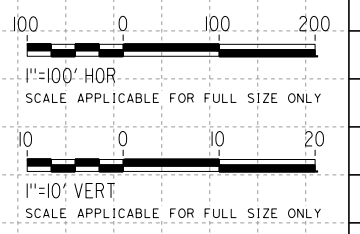
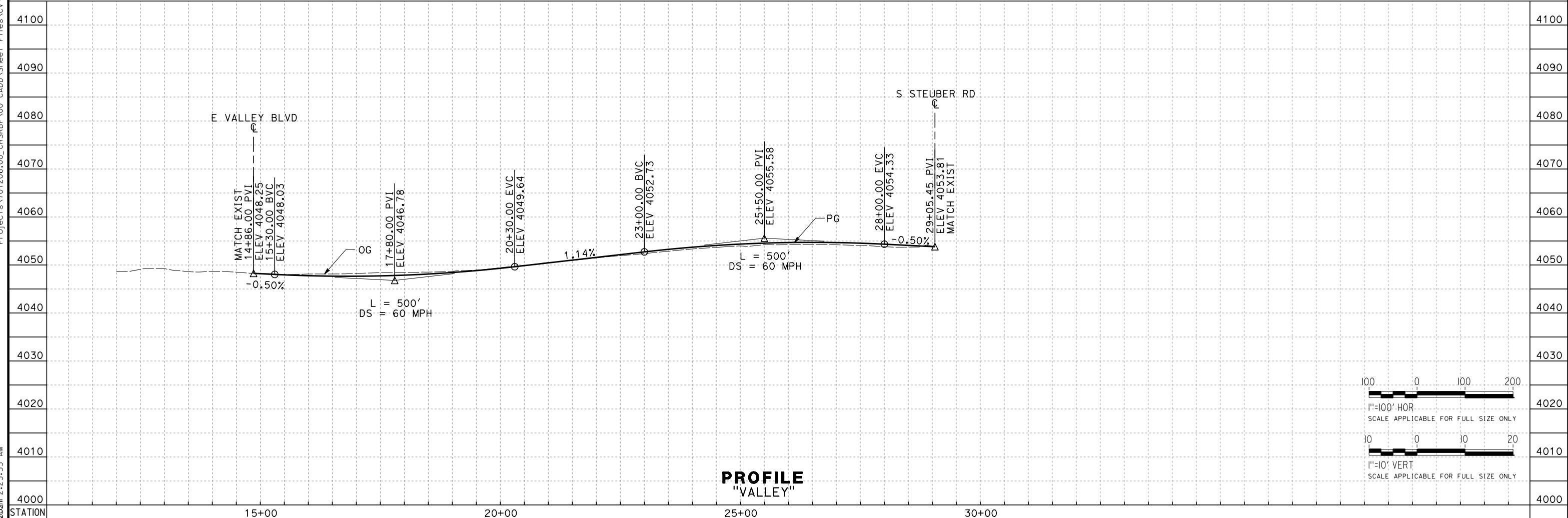
Projects\701206\00_CHSRBP\00_CADD\Sheet Files\CV\BP-CV-R1077

e:\a\ba\balwin\11\112020\00 2:23:55 AM



LINE DATA		
No.	BEARING	DISTANCE
1	S 35°51'39" E	318.47'
2	S 90°00'00" E	157.82'

CURVE DATA				
No.	R	Δ	T	L
1	500.00'	53°54'49"	254.29'	470.48'
2	500.00'	54°08'21"	255.53'	472.45'



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
G. BROCKLEHURST
DRAWN BY
E. BALDWIN
CHECKED BY
D. HOLMAN
IN CHARGE
G. CAMPBELL
DATE
01/29/2021

**RECORD SET
PEPD
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



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

CONTRACT NO.
HSR13-44
DRAWING NO.
CV-R1077
SCALE
AS SHOWN
SHEET NO.
113