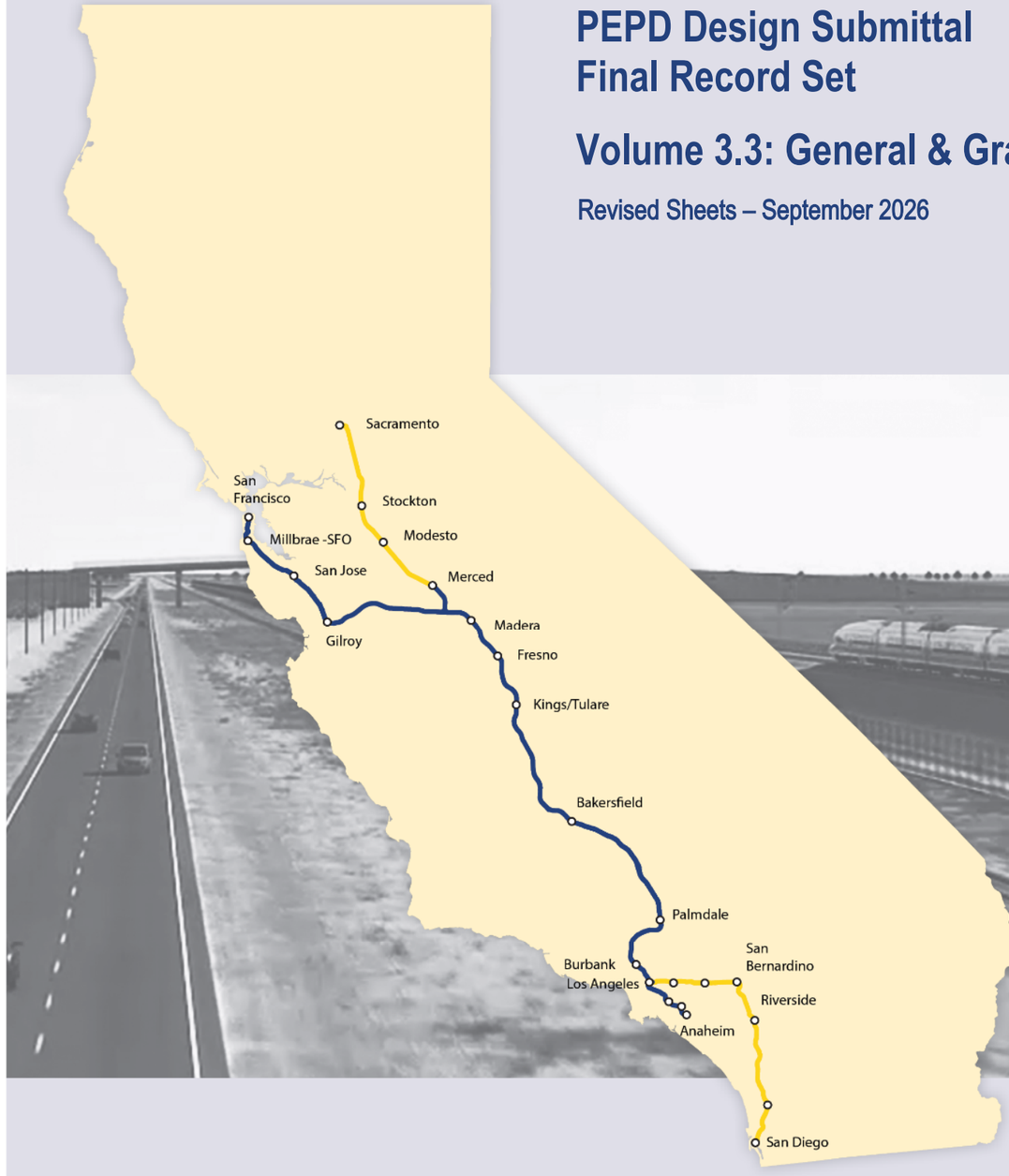
California High-Speed Rail Authority

Los Angeles to Anaheim Project Section



PEPD Design Submittal
Final Record Set

Volume 3.3: General & Grade Separations

Revised Sheets – September 2026

CALIFORNIA High-Speed Rail Authority

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by the State of California pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated July 22, 2024, and executed by the Federal Railroad Administration and the State of California.

VOLUME 3.3 - GENERAL & GRADE SEPARATIONS

GENERAL

DRAWING NO.	DRAWING TITLE
GE-A0300	COVER SHEET - VOLUME 3.3
GE-A0301	PROJECT LOCATION MAP
GE-A0310	INDEX OF VOLUMES
GE-A0311	INDEX OF DRAWINGS VOLUME 3.3 - SHEET 1 OF 5
GE-A0312	INDEX OF DRAWINGS VOLUME 3.3 - SHEET 2 OF 5
GE-A0313	INDEX OF DRAWINGS VOLUME 3.3 - SHEET 3 OF 5
GE-A0314	INDEX OF DRAWINGS VOLUME 3.3 - SHEET 4 OF 5
GE-A0315	INDEX OF DRAWINGS VOLUME 3.3 - SHEET 5 OF 5
GE-D0301	VOLUME 3.3 - KEY MAP GRADE SEPARATIONS - SHEET 1 OF 3
GE-D0302	VOLUME 3.3 - KEY MAP GRADE SEPARATIONS - SHEET 2 OF 3
GE-D0303	VOLUME 3.3 - KEY MAP GRADE SEPARATIONS - SHEET 3 OF 3
GE-B0301	BASIS OF DESIGN SUMMARY R9
GE-C0301	ACRONYMS AND ABBREVIATIONS 1
GE-C0302	ACRONYMS AND ABBREVIATIONS 2
GE-C0303	ACRONYMS AND ABBREVIATIONS 3
GE-C0304	ACRONYMS AND ABBREVIATIONS 4
GE-C0305	ACRONYMS AND ABBREVIATIONS 5
GE-C0311	SYMBOLS 1
GE-C0312	SYMBOLS 2
GE-B0311	GENERAL NOTES 1 OF 1 R8
GE-D6301	TRACK SCHEMATIC
GE-D6302	TRACK SCHEMATIC - 26TH STREET LMF III OPTION R1

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T0001	EXISTING ROADWAY BRIDGES - ORIENTATION MAP
ST-K1001	EXISTING 1ST STREET VIADUCT PLAN AND ELEVATION
ST-K1004	EXISTING 4TH STREET VIADUCT PLAN AND ELEVATION
ST-K1007	EXISTING 7TH STREET VIADUCT PLAN AND ELEVATION
ST-K1010	EXISTING SANTA MONICA VIADUCT (I-10) PLAN AND ELEVATION
ST-K1013	EXISTING OLYMPIC BLVD BRIDGE PLAN AND ELEVATION
CV-T0016	GRADE SEPARATION - S DOWNEY RD - ORIENTATION MAP
CV-T1016	GRADE SEPARATION - S DOWNEY RD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1017	GRADE SEPARATION - S DOWNEY RD - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1018	GRADE SEPARATION - S DOWNEY RD - IMPACT PLAN - SHEET 1 OF 2
CV-T1019	GRADE SEPARATION - S DOWNEY RD - IMPACT PLAN - SHEET 2 OF 2

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T3016	GRADE SEPARATION - S DOWNEY RD - CROSS SECTION - SHEET 1 OF 1
ST-K1016	GRADE SEPARATION - SOUTH DOWNEY RD - GENERAL PLAN
ST-K1021	EXISTING INTERSTATE 710 (HOBART YARD) OH - GENERAL PLAN 1 OF 2
ST-K1022	EXISTING INTERSTATE 710 (HOBART YARD) OH - GENERAL PLAN 2 OF 2
CV-T0021	GRADE SEPARATION - ATLANTIC BLVD - ORIENTATION MAP
CV-T1021	GRADE SEPARATION - ATLANTIC BLVD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1022	GRADE SEPARATION - ATLANTIC BLVD - IMPACT PLAN - SHEET 1 OF 1
CV-T3021	GRADE SEPARATION - ATLANTIC BLVD - CROSS SECTION - SHEET 1 OF 1
ST-K1031	GRADE SEPARATION - ATLANTIC BLVD GENERAL PLAN 1 OF 2
ST-K1032	GRADE SEPARATION - ATLANTIC BLVD GENERAL PLAN 2 OF 2
CV-T0025	GRADE SEPARATION - E 26TH ST (VERNON) - ORIENTATION MAP R1
CV-T1025	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 1 OF 11
CV-T1026	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 2 OF 11
CV-T1027	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 3 OF 11
CV-T1028	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 4 OF 11
CV-T1029	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 5 OF 11 R1
CV-T1030	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 6 OF 11 R1
CV-T1031	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 7 OF 11 R1
CV-T1032	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 8 OF 11 R1
CV-T1033	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 9 OF 11 R1
CV-T1034	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 10 OF 11 R1
CV-T1035	GRADE SEPARATION - E 26TH ST (VERNON) - PLAN AND PROFILE - SHEET 11 OF 11
CV-T1038	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 1 OF 9
CV-T1039	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 2 OF 9
CV-T1040	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 3 OF 9
CV-T1041	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 4 OF 9 R1
CV-T1042	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 5 OF 9 R1
CV-T1043	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 6 OF 9 R1
CV-T1044	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 7 OF 9 R1
CV-T1045	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 8 OF 9
CV-T1046	GRADE SEPARATION - E 26TH ST (VERNON) - IMPACT PLAN - SHEET 9 OF 9
CV-T3025	GRADE SEPARATION - E 26TH ST (VERNON) - CROSS SECTION - SHEET 1 OF 1
ST-K1017	GRADE SEPARATION - DRAINAGE CHANNEL(LMF) - GENERAL PLAN 1 OF 1
ST-K1019	GRADE SEPARATION - 26TH ST (VERNON) - GENERAL PLAN

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GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T0047	GRADE SEPARATION - EASTERN AVENUE - ORIENTATION MAP
ST-K1047	GRADE SEPARATION - EASTERN AVENUE - GENERAL PLAN
CV-T0056	GRADE SEPARATION - E 26TH ST (COMMERCE) - ORIENTATION MAP
CV-T1059	GRADE SEPARATION - E 26TH ST (COMMERCE) - IMPACT PLAN - SHEET 1 OF 2
CV-T1060	GRADE SEPARATION - E 26TH ST (COMMERCE) - IMPACT PLAN - SHEET 2 OF 2
ST-K1056	GRADE SEPARATION - I-5 SANTA ANA FREEWAY - GENERAL PLAN
ST-K1057	GRADE SEPARATION - I-5 SANTA ANA FREEWAY - ELEVATION AND SECTION
ST-K1058	GRADE SEPARATION - TELEGRAPH ROAD - GENERAL PLAN
ST-K1059	GRADE SEPARATION - GARFIELD AVENUE - GENERAL PLAN
CV-T1058-C	ROADWAY IMPROVEMENT - MAPLE AVE (MONTEBELLO) - IMPACT PLAN - SHEET 1 OF 2
CV-T1058-D	ROADWAY IMPROVEMENT - MAPLE AVE (MONTEBELLO) - IMPACT PLAN - SHEET 2 OF 2
CV-T1058-E	ROADWAY IMPROVEMENT SYCAMORE ST (COMMERCE) - IMPACT PLAN - SHEET 1 OF 1
CV-T3055	ROADWAY IMPROVEMENT - MAPLE AVE (MONTEBELLO) - CROS SECTION - SHEET 1 OF 1
CV-T0061	GRADE SEPARATION - GREENWOOD AVE - ORIENTATION MAP
CV-T1061	GRADE SEPARATION - GREENWOOD AVE - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1062	GRADE SEPARATION - GREENWOOD AVE - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1065	GRADE SEPARATION - GREENWOOD AVE - IMPACT PLAN - SHEET 1 OF 2
CV-T1066	GRADE SEPARATION - GREENWOOD AVE - IMPACT PLAN - SHEET 2 OF 2
CV-T3061	GRADE SEPARATION - GREENWOOD AVE - CROSS SECTION - SHEET 1 OF 1
ST-K1061	GRADE SEPARATION - GREENWOOD AVENUE - GENERAL PLAN
CV-T0071	GRADE SEPARATION - RIO HONDO ACCESS RD - ORIENTATION MAP
ST-K1071	GRADE SEPARATION - RIO HONDO ACCESS ROAD - GENERAL PLAN
CV-T0081	GRADE SEPARATION - RIO HONDO - ORIENTATION MAP
ST-K1081	GRADE SEPARATION - RIO HONDO - GENERAL PLAN
CV-T0091	GRADE SEPARATION - PARAMOUNT BLVD - ORIENTATION MAP
CV-T1091	GRADE SEPARATION - PARAMOUNT BLVD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1092	GRADE SEPARATION - PARAMOUNT BLVD - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1095	GRADE SEPARATION - PARAMOUNT BLVD - IMPACT PLAN - SHEET 1 OF 2
CV-T1096	GRADE SEPARATION - PARAMOUNT BLVD - IMPACT PLAN - SHEET 2 OF 2
CV-T3091	GRADE SEPARATION - PARAMOUNT BLVD - CROSS SECTION - SHEET 1 OF 1
ST-K1091	GRADE SEPARATION - PARAMOUNT BLVD - GENERAL PLAN
CV-T0101	GRADE SEPARATION - ROSEMEAD BLVD - ORIENTATION MAP
CV-T1101	GRADE SEPARATION - ROSEMEAD BLVD - PLAN AND PROFILE - SHEET 1 OF 3
CV-T1102	GRADE SEPARATION - ROSEMEAD BLVD - PLAN AND PROFILE - SHEET 2 OF 3
CV-T1103	GRADE SEPARATION - ROSEMEAD BLVD - PLAN AND PROFILE - SHEET 3 OF 3
CV-T1105	GRADE SEPARATION - ROSEMEAD BLVD - IMPACT PLAN - SHEET 1 OF 2
CV-T1106	GRADE SEPARATION - ROSEMEAD BLVD - IMPACT PLAN - SHEET 2 OF 2
CV-T3101	GRADE SEPARATION - ROSEMEAD BLVD - CROSS SECTION - SHEET 1 OF 1

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
UT-Y1105	GRADE SEPARATION - ROSEMEAD BLVD - UTILITY PLAN - SHEET 1 OF 2
UT-Y1106	GRADE SEPARATION - ROSEMEAD BLVD - UTILITY PLAN - SHEET 2 OF 2
ST-K1101	GRADE SEPARATION - ROSEMEAD BLVD - GENERAL PLAN
CV-T0111	GRADE SEPARATION - PASSONS BLVD - ORIENTATION MAP
CV-T1111	GRADE SEPARATION - PASSONS BLVD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1115	GRADE SEPARATION - PASSONS BLVD - IMPACT PLAN - SHEET 1 OF 1
CV-T3111	GRADE SEPARATION - PASSONS BLVD - CROSS SECTION - SHEET 1 OF 1
ST-K1111	GRADE SEPARATION - PASSONS BLVD - GENERAL PLAN
CV-T0121	GRADE SEPARATION - SLAUSON AVE - ORIENTATION MAP
CV-T1121	GRADE SEPARATION - SLAUSON AVE - PLAN AND PROFILE - SHEET 1 OF 4
CV-T1122	GRADE SEPARATION - SLAUSON AVE - PLAN AND PROFILE - SHEET 2 OF 4
CV-T1123	GRADE SEPARATION - SLAUSON AVE - PLAN AND PROFILE - SHEET 3 OF 4
CV-T1124	GRADE SEPARATION - SLAUSON AVE - PLAN AND PROFILE - SHEET 4 OF 4
CV-T1125	GRADE SEPARATION - SLAUSON AVE - IMPACT PLAN - SHEET 1 OF 3
CV-T1126	GRADE SEPARATION - SLAUSON AVE - IMPACT PLAN - SHEET 2 OF 3
CV-T1127	GRADE SEPARATION - SLAUSON AVE - IMPACT PLAN - SHEET 3 OF 3
ST-K1121	GRADE SEPARATION - SAN GABRIEL RIVER GENERAL PLAN 1 OF 3
ST-K1122	GRADE SEPARATION - SAN GABRIEL RIVER GENERAL PLAN 2 OF 3
ST-K1123	GRADE SEPARATION - SAN GABRIEL RIVER GENERAL PLAN 3 OF 3
CV-T0135	GRADE SEPARATION - FREEWAY I-605 - ORIENTATION MAP
CV-T1135	GRADE SEPARATION - FREEWAY I-605 - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1138	GRADE SEPARATION - FREEWAY I-605 - IMPACT PLAN - SHEET 1 OF 1
ST-K1131	EXISTING INTERSTATE 605 (BRADWELL) OVERHEAD - GENERAL PLAN - SHEET 1 OF 2
ST-K1132	EXISTING INTERSTATE 605 (BRADWELL) OVERHEAD - GENERAL PLAN - SHEET 2 OF 2
CV-T0141	GRADE SEPARATION - PIONEER BLVD - ORIENTATION MAP
CV-T1141	GRADE SEPARATION - PIONEER BLVD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1142	GRADE SEPARATION - PIONEER BLVD - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1143	GRADE SEPARATION - RIVERA RD & ACCESS RD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1144	GRADE SEPARATION - RIVERA LOOP & WHEELOCK CIR - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1146	GRADE SEPARATION - PIONEER BLVD - IMPACT PLAN - SHEET 1 OF 2
CV-T1147	GRADE SEPARATION - PIONEER BLVD - IMPACT PLAN - SHEET 2 OF 2
CV-T3141	GRADE SEPARATION - PIONEER BLVD - CROSS SECTION - SHEET 1 OF 2
CV-T3142	GRADE SEPARATION - PIONEER BLVD - CROSS SECTION - SHEET 2 OF 2
UT-Y1146	GRADE SEPARATION - PIONEER BLVD - UTILITY PLAN - SHEET 1 OF 2
UT-Y1147	GRADE SEPARATION - PIONEER BLVD - UTILITY PLAN - SHEET 2 OF 2
ST-K1141	GRADE SEPARATION - PIONEER BLVD - GENERAL PLAN

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GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T0151	GRADE SEPARATION - NORWALK BLVD - ORIENTATION MAP
CV-T1151	GRADE SEPARATION - NORWALK BLVD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1152	GRADE SEPARATION - NORWALK BLVD - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1155	GRADE SEPARATION - NORWALK BLVD - IMPACT PLAN - SHEET 1 OF 1
CV-T3151	GRADE SEPARATION - NORWALK BLVD - CROSS SECTION - SHEET 1 OF 1
UT-Y1155	GRADE SEPARATION - NORWALK BLVD - UTILITY PLAN - SHEET 1 OF 1
ST-K1151	GRADE SEPARATION - NORWALK BLVD - GENERAL PLAN
CV-T0161	GRADE SEPARATION - LOS NIETOS ROAD - ORIENTATION MAP
CV-T1161	GRADE SEPARATION - LOS NIETOS ROAD - PLAN AND PROFILE - SHEET 1 OF 3
CV-T1162	GRADE SEPARATION - LOS NIETOS ROAD - PLAN AND PROFILE - SHEET 2 OF 3
CV-T1163	GRADE SEPARATION - LOS NIETOS ROAD - PLAN AND PROFILE - SHEET 3 OF 3
CV-T1165	GRADE SEPARATION - LOS NIETOS ROAD - IMPACT PLAN - SHEET 1 OF 2
CV-T1166	GRADE SEPARATION - LOS NIETOS ROAD - IMPACT PLAN - SHEET 2 OF 2
CV-T3161	GRADE SEPARATION - LOS NIETOS ROAD - CROSS SECTION - SHEET 1 OF 1
UT-Y1165	GRADE SEPARATION - LOS NIETOS ROAD - UTILITY PLAN - SHEET 1 OF 2
UT-Y1166	GRADE SEPARATION - LOS NIETOS ROAD - UTILITY PLAN - SHEET 2 OF 2
ST-K1161	GRADE SEPARATION - LOS NIETOS ROAD - GENERAL PLAN
ST-K3161	GRADE SEPARATION - LOS NIETOS ROAD - STRUCTURAL SECTION
CV-T0171	GRADE SEPARATION - SANTA FE SPRINGS ROAD - ORIENTATION MAP
CV-T1171	GRADE SEPARATION - SANTA FE SPRINGS ROAD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1176	GRADE SEPARATION - SANTA FE SPRINGS ROAD - IMPACT PLAN - SHEET 1 OF 1
UT-Y1176	GRADE SEPARATION - SANTA FE SPRINGS ROAD - UTILITY PLAN - SHEET 1 OF 1
ST-K1171	GRADE SEPARATION - SANTA FE SPRINGS ROAD - GENERAL PLAN
CV-T0181	GRADE SEPARATION - TELEGRAPH RD, SFS - ORIENTATION MAP
CV-T1181	GRADE SEPARATION - TELEGRAPH RD, SFS - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1186	GRADE SEPARATION - TELEGRAPH RD, SFS - IMPACT PLAN - SHEET 1 OF 1
UT-Y1186	GRADE SEPARATION - TELEGRAPH RD, SFS - UTILITY PLAN - SHEET 1 OF 1
ST-K1181	GRADE SEPARATION - TELEGRAPH ROAD - GENERAL PLAN
CV-T0191	GRADE SEPARATION - FLORENCE AVENUE - ORIENTATION MAP
CV-T1191	GRADE SEPARATION - FLORENCE AVENUE - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1196	GRADE SEPARATION - FLORENCE AVENUE - IMPACT PLAN - SHEET 1 OF 1
UT-Y1196	GRADE SEPARATION - FLORENCE AVENUE - UTILITY PLAN - SHEET 1 OF 1
ST-K1191	GRADE SEPARATION - FLORENCE AVENUE - GENERAL PLAN

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T0205	GRADE SEPARATION - IMPERIAL HIGHWAY - ORIENTATION MAP
CV-T1205	GRADE SEPARATION - IMPERIAL HIGHWAY - PLAN AND PROFILE - SHEET 1 OF 3
CV-T1206	GRADE SEPARATION - IMPERIAL HIGHWAY - PLAN AND PROFILE - SHEET 2 OF 3
CV-T1207	GRADE SEPARATION - IMPERIAL HIGHWAY - PLAN AND PROFILE - SHEET 3 OF 3
CV-T1208	GRADE SEPARATION - IMPERIAL HIGHWAY - IMPACT PLAN - SHEET 1 OF 3
CV-T1209	GRADE SEPARATION - IMPERIAL HIGHWAY - IMPACT PLAN - SHEET 2 OF 3
CV-T1210	GRADE SEPARATION - IMPERIAL HIGHWAY - IMPACT PLAN - SHEET 3 OF 3
CV-T3205	GRADE SEPARATION - IMPERIAL HIGHWAY - CROSS SECTION - SHEET 1 OF 1
CV-T0211	GRADE SEPARATION - CARMENITA RD - ORIENTATION MAP
CV-T1211	GRADE SEPARATION - CARMENITA RD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1216	GRADE SEPARATION - CARMENITA RD - IMPACT PLAN - SHEET 1 OF 1
CV-T3211	GRADE SEPARATION - CARMENITA RD - CROSS SECTION - SHEET 1 OF 1
UT-Y1216	GRADE SEPARATION - CARMENITA RD - UTILITY PLAN - SHEET 1 OF 1
ST-K1211	GRADE SEPARATION - CARMENITA ROAD - GENERAL PLAN
CV-T0221	GRADE SEPARATION - COYOTE CREEK/NORTH FORK - ORIENTATION MAP
ST-K1221	GRADE SEPARATION - COYOTE CREEK/NORTH FORK - GENERAL PLAN
CV-T0241	GRADE SEPARATION - VALLEY VIEW AVE - ORIENTATION MAP
CV-T1241	GRADE SEPARATION - VALLEY VIEW AVE - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1242	GRADE SEPARATION - VALLEY VIEW AVE - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1245	GRADE SEPARATION - VALLEY VIEW AVE - IMPACT PLAN - SHEET 1 OF 2
CV-T1246	GRADE SEPARATION - VALLEY VIEW AVE - IMPACT PLAN - SHEET 2 OF 2
CV-T3241	GRADE SEPARATION - VALLEY VIEW AVE - CROSS SECTION - SHEET 1 OF 1
ST-K1241	GRADE SEPARATION - VALLEY VIEW AVE - GENERAL PLAN - SHEET 1 OF 2
ST-K1242	GRADE SEPARATION - VALLEY VIEW AVE - GENERAL PLAN - SHEET 2 OF 2
CV-T0251	GRADE SEPARATION - LA MIRADA CREEK - ORIENTATION MAP
ST-K1251	GRADE SEPARATION - LA MIRADA CREEK - GENERAL PLAN - SHEET 1 OF 2
ST-K1252	GRADE SEPARATION - LA MIRADA CREEK - GENERAL PLAN - SHEET 2 OF 2
CV-T0261	GRADE SEPARATION - ALONDRA BLVD - ORIENTATION MAP
CV-T1261	GRADE SEPARATION - ALONDRA BLVD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1262	GRADE SEPARATION - ALONDRA BLVD - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1263	GRADE SEPARATION - STAGE RD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1264	GRADE SEPARATION - ALONDRA BLVD - IMPACT PLAN - SHEET 1 OF 2
CV-T1265	GRADE SEPARATION - ALONDRA BLVD - IMPACT PLAN - SHEET 2 OF 2
CV-T3261	GRADE SEPARATION - ALONDRA BLVD - CROSS SECTION - SHEET 1 OF 1
UT-Y1264	GRADE SEPARATION - ALONDRA BLVD - UTILITY PLAN - SHEET 1 OF 2
UT-Y1265	GRADE SEPARATION - ALONDRA BLVD - UTILITY PLAN - SHEET 2 OF 2
ST-K1261	GRADE SEPARATION - ALONDRA BLVD - GENERAL PLAN
ST-K3261	GRADE SEPARATION - ALONDRA BLVD - STRUCTURAL SECTION

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GRADE SEPARATIONS

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CV-T0264	GRADE SEPARATION - COYOTE CREEK - ORIENTATION MAP
ST-K1264	GRADE SEPARATION - COYOTE CREEK - GENERAL PLAN
CV-T0266	GRADE SEPARATION - BEACH BLVD - ORIENTATION MAP
CV-T1266	GRADE SEPARATION - BEACH BLVD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1267	GRADE SEPARATION - BEACH BLVD - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1268	GRADE SEPARATION - BEACH BLVD - IMPACT PLAN - SHEET 1 OF 2
CV-T1269	GRADE SEPARATION - BEACH BLVD - IMPACT PLAN - SHEET 2 OF 2
CV-T3266	GRADE SEPARATION - BEACH BLVD - CROSS SECTION - SHEET 1 OF 1
ST-K1266	GRADE SEPARATION - BEACH BLVD - GENERAL PLAN
ST-K3266	GRADE SEPARATION - BEACH BLVD - STRUCTURAL SECTION
CV-T0269	GRADE SEPARATION - BREA CREEK - ORIENTATION MAP
ST-K1269	GRADE SEPARATION - BREA CREEK - GENERAL PLAN
CV-T0271	GRADE SEPARATION - DALE STREET - ORIENTATION MAP
CV-T1271	GRADE SEPARATION - DALE STREET - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1272	GRADE SEPARATION - DALE STREET - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1275	GRADE SEPARATION - DALE STREET - IMPACT PLAN - SHEET 1 OF 2
CV-T1276	GRADE SEPARATION - DALE STREET - IMPACT PLAN - SHEET 2 OF 2
CV-T3271	GRADE SEPARATION - DALE STREET - CROSS SECTION - SHEET 1 OF 1
ST-K1271	GRADE SEPARATION - DALE STREET - GENERAL PLAN
CV-T0281	GRADE SEPARATION - ARTESIA AVE - ORIENTATION MAP
CV-T1281	GRADE SEPARATION - ARTESIA AVE - PLAN AND PROFILE - SHEET 1 OF 2 (R4)
CV-T1282	GRADE SEPARATION - ARTESIA AVE - PLAN AND PROFILE - SHEET 2 OF 2 (R4)
CV-T1285	GRADE SEPARATION - ARTESIA AVE - IMPACT PLAN - SHEET 1 OF 2
CV-T1286	GRADE SEPARATION - ARTESIA AVE - IMPACT PLAN - SHEET 2 OF 2
CV-T3281	GRADE SEPARATION - ARTESIA AVE - CROSS SECTION - SHEET 1 OF 1
CV-T0291	GRADE SEPARATION - GILBERT ST - ORIENTATION MAP
CV-T1291	GRADE SEPARATION - GILBERT ST - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1292	GRADE SEPARATION - GILBERT ST - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1295	GRADE SEPARATION - GILBERT ST - IMPACT PLAN - SHEET 1 OF 2
CV-T1296	GRADE SEPARATION - GILBERT ST - IMPACT PLAN - SHEET 2 OF 2
CV-T3291	GRADE SEPARATION - GILBERT ST - CROSS SECTION - SHEET 1 OF 1
ST-K1291	GRADE SEPARATION - GILBERT STREET - GENERAL PLAN
CV-T0301	GRADE SEPARATION - W COMMONWEALTH AVE - ORIENTATION MAP
CV-T1301	GRADE SEPARATION - W COMMONWEALTH AVE - PLAN AND PROFILE - SHEET 1 OF 3
CV-T1302	GRADE SEPARATION - W COMMONWEALTH AVE - PLAN AND PROFILE - SHEET 2 OF 3
CV-T1303	GRADE SEPARATION - W COMMONWEALTH AVE - PLAN AND PROFILE - SHEET 3 OF 3
CV-T1305	GRADE SEPARATION - W COMMONWEALTH AVE - IMPACT PLAN - SHEET 1 OF 2
CV-T1306	GRADE SEPARATION - W COMMONWEALTH AVE - IMPACT PLAN - SHEET 2 OF 2

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T3301	GRADE SEPARATION - W COMMONWEALTH AVE - CROSS SECTION - SHEET 1 OF 1
UT-Y1305	GRADE SEPARATION - W COMMONWEALTH AVE - UTILITY PLAN - SHEET 1 OF 2
UT-Y1306	GRADE SEPARATION - W COMMONWEALTH AVE - UTILITY PLAN - SHEET 2 OF 2
ST-K1301	GRADE SEPARATION - W COMMONWEALTH AVE - GENERAL PLAN
ST-K3301	GRADE SEPARATION - W COMMONWEALTH AVE - STRUCTURAL PLAN
CV-T0311	GRADE SEPARATION - EUCLID ST - ORIENTATION MAP
CV-T1311	GRADE SEPARATION - EUCLID ST - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1312	GRADE SEPARATION - EUCLID ST - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1315	GRADE SEPARATION - EUCLID ST - IMPACT PLAN - SHEET 1 OF 2
CV-T1316	GRADE SEPARATION - EUCLID ST - IMPACT PLAN - SHEET 2 OF 2
CV-T3311	GRADE SEPARATION - EUCLID ST - CROSS SECTION - SHEET 1 OF 1
ST-K1311	GRADE SEPARATION - EUCLID STREET - GENERAL PLAN
CV-T0321	GRADE SEPARATION - W & E WALNUT AVE - ORIENTATION MAP
CV-T1321	GRADE SEPARATION - W & E WALNUT AVE - PLAN AND PROFILE - SHEET 1 OF 4
CV-T1322	GRADE SEPARATION - W & E WALNUT AVE - PLAN AND PROFILE - SHEET 2 OF 4
CV-T1323	GRADE SEPARATION - W & E WALNUT AVE - PLAN AND PROFILE - SHEET 3 OF 4
CV-T1324	GRADE SEPARATION - W & E WALNUT AVE - PLAN AND PROFILE - SHEET 4 OF 4
CV-T1326	GRADE SEPARATION - W & E WALNUT AVE - IMPACT PLAN - SHEET 1 OF 4
CV-T1327	GRADE SEPARATION - W & E WALNUT AVE - IMPACT PLAN - SHEET 2 OF 4
CV-T1328	GRADE SEPARATION - W & E WALNUT AVE - IMPACT PLAN - SHEET 3 OF 4
CV-T1329	GRADE SEPARATION - W & E WALNUT AVE - IMPACT PLAN - SHEET 4 OF 4
CV-T3321	GRADE SEPARATION - W & E WALNUT AVE - CROSS SECTION - SHEET 1 OF 4
CV-T3322	GRADE SEPARATION - W & E WALNUT AVE - CROSS SECTION - SHEET 2 OF 4
CV-T3323	GRADE SEPARATION - W & E WALNUT AVE - CROSS SECTION - SHEET 3 OF 4
CV-T3324	GRADE SEPARATION - W & E WALNUT AVE - CROSS SECTION - SHEET 4 OF 4
CV-T0351	GRADE SEPARATION - HIGHLAND AVE - ORIENTATION MAP
CV-T1351	GRADE SEPARATION - HIGHLAND AVE - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1352	GRADE SEPARATION - HIGHLAND AVE - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1356	GRADE SEPARATION - HIGHLAND AVE - IMPACT PLAN - SHEET 1 OF 2
CV-T1357	GRADE SEPARATION - HIGHLAND AVE - IMPACT PLAN - SHEET 2 OF 2
CV-T3351	GRADE SEPARATION - HIGHLAND AVE - CROSS SECTION - SHEET 1 OF 1
ST-K1351	GRADE SEPARATION - HIGHLAND AVE - GENERAL PLAN
CV-T0361	GRADE SEPARATION - HARBOR BLVD - ORIENTATION MAP
CV-T1361	GRADE SEPARATION - HARBOR BLVD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1366	GRADE SEPARATION - HARBOR BLVD - IMPACT PLAN - SHEET 1 OF 1
CV-T3361	GRADE SEPARATION - HARBOR BLVD - CROSS SECTION - SHEET 1 OF 1
ST-K1361	GRADE SEPARATION - HARBOR BLVD - GENERAL PLAN
CV-T0371	GRADE SEPARATION - LEMON ST - ORIENTATION MAP
CV-T1371	GRADE SEPARATION - LEMON ST - PLAN AND PROFILE - SHEET 1 OF 2

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IN CHARGE J. SWANSON
DATE 08/29/25

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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
INDEX OF DRAWINGS
SHEET 14 OF 26

CONTRACT NO. HSR06-0005
DRAWING NO. GE-LA0014
SCALE AS SHOWN
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VOLUME 3.3 - GENERAL & GRADE SEPARATIONS

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T1372	GRADE SEPARATION - LEMON ST - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1376	GRADE SEPARATION - LEMON ST - IMPACT PLAN - SHEET 1 OF 2
CV-T1377	GRADE SEPARATION - LEMON ST - IMPACT PLAN - SHEET 2 OF 2
CV-T3371	GRADE SEPARATION - LEMON ST - CROSS SECTION - SHEET 1 OF 1
ST-K1371	GRADE SEPARATION - LEMON STREET - GENERAL PLAN
CV-T0391	GRADE SEPARATION - DRAINAGE CHANNEL - ORIENTATION MAP
ST-K1391	GRADE SEPARATION - DRAINAGE CHANNEL GENERAL PLAN
CV-T0401	GRADE SEPARATION - FULLERTON CREEK - ORIENTATION MAP
ST-K1401	GRADE SEPARATION - FULLERTON CREEK - GENERAL PLAN
CV-T0411	GRADE SEPARATION - ORANGETHORPE AVE - ORIENTATION MAP
CV-T0421	EXISTING NORTH ANAHEIM FWY OVERHEAD (SR-91) - ORIENTATION MAP
ST-K1421	EXISTING NORTH ANAHEIM FWY OVERHEAD (SR-91) - GENERAL PLAN - SHEET 1 OF 2
ST-K1422	EXISTING NORTH ANAHEIM FWY OVERHEAD (SR-91) - GENERAL PLAN - SHEET 2 OF 2
CV-T0441	GRADE SEPARATION - CARBON CREEK - ORIENTATION MAP
ST-K1441	GRADE SEPARATION - CARBON CREEK - GENERAL PLAN
CV-T0451	GRADE SEPARATION - LA PALMA AVE - ORIENTATION MAP
CV-T0461	GRADE SEPARATION - SYCAMORE STREET - ORIENTATION MAP
CV-T0471	GRADE SEPARATION - LINCOLN AVE - ORIENTATION MAP (RG)
CV-T1471	GRADE SEPARATION - LINCOLN AVE - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1476	GRADE SEPARATION - LINCOLN AVE - IMPACT PLAN - SHEET 1 OF 1
ST-K1471	GRADE SEPARATION - LINCOLN AVE - GENERAL PLAN
CV-T0491	GRADE SEPARATION - BROADWAY - ORIENTATION MAP
CV-T0501	PEDESTRIAN OVERHEAD - E SOUTH STREET - ORIENTATION MAP
CV-T0511	GRADE SEPARATION - VERMONT AVE - ORIENTATION MAP
CV-T0521	GRADE SEPARATION - BALL RD - ORIENTATION MAP
CV-T0541	GRADE SEPARATION - LEWIS ST - ORIENTATION MAP
CV-T1541	GRADE SEPARATION - LEWIS ST - PLAN AND PROFILE - SHEET 1 OF 3
CV-T1542	GRADE SEPARATION - LEWIS ST - PLAN AND PROFILE - SHEET 2 OF 3
CV-T1543	GRADE SEPARATION - LEWIS ST - PLAN AND PROFILE - SHEET 3 OF 3
CV-T1546	GRADE SEPARATION - LEWIS ST - IMPACT PLAN - SHEET 1 OF 2
CV-T1547	GRADE SEPARATION - LEWIS ST - IMPACT PLAN - SHEET 2 OF 2
CV-T3541	GRADE SEPARATION - LEWIS ST - CROSS SECTION - SHEET 1 OF 1
UT-Y1546	GRADE SEPARATION - LEWIS ST - UTILITY PLAN - SHEET 1 OF 2
UT-Y1547	GRADE SEPARATION - LEWIS ST - UTILITY PLAN - SHEET 2 OF 2
ST-K1541	GRADE SEPARATION - LEWIS ST - GENERAL PLAN

GRADE SEPARATIONS

DRAWING NO.	DRAWING TITLE
CV-T0551	GRADE SEPARATION - E CERRITOS AVE - ORIENTATION MAP
CV-T1551	GRADE SEPARATION - E CERRITOS AVE - PLAN AND PROFILE - SHEET 1 OF 3
CV-T1552	GRADE SEPARATION - E CERRITOS AVE - PLAN AND PROFILE - SHEET 2 OF 3
CV-T1553	GRADE SEPARATION - E CERRITOS AVE - PLAN AND PROFILE - SHEET 3 OF 3
CV-T1554	GRADE SEPARATION - S VERNON ST - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1556	GRADE SEPARATION - E CERRITOS AVE - IMPACT PLAN - SHEET 1 OF 3
CV-T1557	GRADE SEPARATION - E CERRITOS AVE - IMPACT PLAN - SHEET 2 OF 3
CV-T1558	GRADE SEPARATION - E CERRITOS AVE - IMPACT PLAN - SHEET 3 OF 3
CV-T1559	GRADE SEPARATION - S VERNON ST - IMPACT PLAN - SHEET 1 OF 1
CV-T3551	GRADE SEPARATION - E CERRITOS AVE - CROSS SECTION - SHEET 1 OF 1
UT-Y1556	GRADE SEPARATION - E CERRITOS AVE - UTILITY PLAN - SHEET 1 OF 3
UT-Y1557	GRADE SEPARATION - E CERRITOS AVE - UTILITY PLAN - SHEET 2 OF 3
UT-Y1558	GRADE SEPARATION - E CERRITOS AVE - UTILITY PLAN - SHEET 3 OF 3
UT-Y1559	GRADE SEPARATION - S VERNON ST - UTILITY PLAN - SHEET 1 OF 1
ST-K1551	GRADE SEPARATION - CERRITOS AVE - GENERAL PLAN
CV-T0571	GRADE SEPARATION - KATELLA AVE - ORIENTATION MAP
CV-T1571	GRADE SEPARATION - KATELLA AVE - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1572	GRADE SEPARATION - KATELLA AVE - PLAN AND PROFILE - SHEET 2 OF 2
CV-T1576	GRADE SEPARATION - KATELLA AVE - IMPACT PLAN - SHEET 1 OF 2
CV-T1577	GRADE SEPARATION - KATELLA AVE - IMPACT PLAN - SHEET 2 OF 2
CV-T3571	GRADE SEPARATION - KATELLA AVE - CROSS SECTION - SHEET 1 OF 1
UT-Y1576	GRADE SEPARATION - KATELLA AVE - UTILITY PLAN - SHEET 1 OF 2
UT-Y1577	GRADE SEPARATION - KATELLA AVE - UTILITY PLAN - SHEET 2 OF 2
ST-K1571	GRADE SEPARATION - KATELLA AVE - GENERAL PLAN
ST-K1572	GRADE SEPARATION - KATELLA AVE - STAGE CONSTRUCTION
CV-T0581	GRADE SEPARATION - DOUGLASS RD - ORIENTATION MAP
CV-T1581	GRADE SEPARATION - S DOUGLASS RD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1582	GRADE SEPARATION - S DOUGLASS RD - PLAN AND PROFILE - SHEET 1 OF 2
CV-T1583	GRADE SEPARATION - S DOUGLASS SERVICE RD - PLAN AND PROFILE - SHEET 1 OF 1
CV-T1586	GRADE SEPARATION - S DOUGLASS RD - IMPACT PLAN - SHEET 1 OF 1
CV-T3581	GRADE SEPARATION - S DOUGLASS RD AND SERVICE RD - CROSS SECTION - SHEET 1 OF 1
UT-Y1586	GRADE SEPARATION - S DOUGLASS RD - UTILITY PLAN - SHEET 1 OF 1
ST-K1581	GRADE SEPARATION - SOUTH DOUGLASS ROAD - GENERAL PLAN
ST-K1582	GRADE SEPARATION - SOUTH DOUGLASS ROAD - SB & NB ELEVATION
ST-K3581	GRADE SEPARATION - SOUTH DOUGLASS ROAD - TYPICAL SECTION (SHEET 1 OF 2)
ST-K3582	GRADE SEPARATION - SOUTH DOUGLASS ROAD - TYPICAL SECTION (SHEET 2 OF 2)

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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
INDEX OF DRAWINGS
SHEET 15 OF 26

CONTRACT NO. HSR06-0005
DRAWING NO. GE-LA0015
SCALE AS SHOWN
SHEET NO. 16 of 138

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06/30/26
DATE

R9 PEPD REVISION #9: CORRECTED DESCRIPTION OF DIAMOND (AT-GRADE) CROSSINGS

BASIS OF DESIGN SUMMARY

FOR THE LOS ANGELES TO ANAHEIM SEGMENT (LOSSAN CORRIDOR), THE CALIFORNIA HIGH-SPEED RAIL AUTHORITY (AUTHORITY) HAS ADOPTED A STRATEGY TO 'BLEND' HIGH SPEED WITH EXISTING RAIL SYSTEMS ON SHARED INFRASTRUCTURE TO ACCELERATE AND BROADEN BENEFITS, IMPROVE EFFICIENCY, MINIMIZE COMMUNITY IMPACTS AND REDUCE CONSTRUCTION COST. THE TECHNICAL REQUIREMENTS NECESSARY TO ALLOW JOINT OPERATION OF HIGH-SPEED RAIL, CONVENTIONAL PASSENGER RAIL, AND FREIGHT RAIL WITHIN THE BLENDED SYSTEM CORRIDOR BETWEEN UNION STATION IN LOS ANGELES AND THE ANAHEIM REGIONAL TRANSPORTATION INTERMODAL CENTER IN ANAHEIM ARE BASED ON:

1. TECHNICAL MEMORANDUM (TM) 0.3.1 BASIS OF DESIGN FOR BLENDED OPERATION IN THE LA-A CORRIDOR, RO DATED AUGUST 20, 2016.

INFRASTRUCTURE REQUIREMENTS

THE AUTHORITY HAS ESTABLISHED PERFORMANCE REQUIREMENTS TO GUIDE THE DEVELOPMENT OF THE HIGH-SPEED RAIL SYSTEM IN BLENDED CORRIDORS BASED ON THE FRA TIER STRUCTURE FOR PASSENGER SYSTEMS DESCRIBED IN THE "HIGH-SPEED PASSENGER RAIL SAFETY STRATEGY (2009)."

THE REQUIREMENTS FOR MAJOR DESIGN ELEMENTS ARE LISTED BELOW:

1. INTEROPERABILITY

   REQUIRED LEVEL OF INTEROPERABILITY BETWEEN THE PASSENGER AND FREIGHT RAILROADS THAT OPERATE IN THE LA-A CORRIDOR WILL BE MAINTAINED.

   THE RAILROAD OPERATORS AND RIGHT-OF-WAY OWNERS ARE:

   AUTHORITY
   METROLINK
   AMTRAK/LOSSAN
   LA METRO
   OCTA
   BNSF RAILWAY
   UNION PACIFIC RAILROAD

   THE DESIGNS PROPOSED DO NOT PRECLUDE THE PROPOSED FUTURE OPERATIONS BY OTHER RAIL OPERATORS AND/OR AGENCIES SUCH AS:

   COACHELLA VALLEY RAIL SERVICE BY RCTC

2. DESIGN SPEEDS

   DESIGN SPEED: MAXIMUM ALLOWED PER EXISTING ALIGNMENT/ROW CONSTRAINTS WITH A NOT TO EXCEED MAXIMUM OF 110 MPH.

3. TRACK CENTER SPACING

   14'-0" MINIMUM IN CERTAIN AREAS ALONG ALIGNMENT

4. INTRUSION PROTECTION

   INTRUSION DETECTION WILL BE PROVIDED AT LOCATIONS WHERE IT IS APPROPRIATE TO MITIGATE AN INTRUSION HAZARD BASED ON HAZARD ASSESSMENT.

5. ACCESS CONTROL

   FULL ACCESS CONTROL IS NOT PRACTICAL IN THIS SEGMENT, INTRUSION PROTECTION AND/OR INTRUSION MONITORING WILL BE EMPLOYED WITH MITIGATIONS AS REQUIRED TO PROMOTE SAFE AND RELIABLE OPERATION.

6. TRACK ALIGNMENT

   THE LA-A CORRIDOR IS PLANNED TO OPERATE AS A CLASS 5/6 SERVICE (SPEEDS UP TO 110 MPH) WITH A POSSIBLE AT-GRADE ROADWAY CROSSINGS. TRACK ALIGNMENT DESIGN STANDARDS ARE GENERALLY BASED ON HOST RAILROAD STANDARDS UNLESS OTHERWISE NOTED ON GEOMETRY TABLES.

   RAIL PROFILES DEPICT THE TOP OF RAIL ELEVATION. ON SUPERELEVATED HORIZTONAL CURVES, THE TOP OF RAIL ELEVATION IS THE LOW RAIL.

7. AT-GRADE ROADWAY-RAIL CROSSING

   SELECT AT-GRADE ROADWAY-RAIL CROSSINGS IN THE CITY OF ANAHEIM WILL REMAIN AT-GRADE AS TRAINS WILL NOT EXCEED OPERATING SPEEDS GREATER THAN 125 MPH AS DEFINED BY FRA.

8. GRADE SEPARATIONS

   SELECT EXISTING AT-GRADE ROADWAY/RAIL CROSSINGS WILL BE GRADE SEPARATED WHERE ADDITIONAL TRACKS EXCEEDS THREE OR MORE AND/OR AS REQUIRED TO ACCOMMODATE HSR OPERATIONS.

   THE AUTHORITY HAS DEVELOPED A LIST OF EARLY PROJECTS THAT ARE CURRENTLY IN EITHER DESIGN OR CONSTRUCTION AND THAT ARE TO BE ENVIRONMENTALLY CLEARED BY THIS HSR EIR/EIS. THOSE CROSSINGS ARE:

   1. STATE COLLEGE

   ALL OTHER CROSSINGS NEW OR REQUIRING MODIFICATIONS WILL BE CLEARED ENVIRONMENTALLY BY HSR EXCEPT FOR:

   1. LAKELAND (HSR ON AERIAL STRUCTURE)

9. TERMINAL AND INTERMEDIATE STATION(S)

   THE FOLLOWING STATION IN THE CORRIDOR IS DESIGNATED AS A TERMINAL STATION:

   ANAHEIM STATION AT ARTIC

   THE FOLLOWING STATIONS ARE DESIGNATED AS POSSIBLE INTERMEDIATE STATIONS:

   SANTA FE SPRINGS/NORWALK AND FULLERTON

10. TRACK AND PLATFORM CONFIGURATION

    BASED ON NOTICE TO DESIGNERS NO. 13-STATION PLATFORM AND TRACK LAYOUT (RELEASED ON SEPTEMBER 7, 2016), THE STATION PASSENGER PLATFORMS ARE PLANNED FOR A LENGTH OF APPROXIMATELY 800 TO 1410 FEET TO ACCOMMODATE A RANGE OF HIGH-SPEED TRAINSETS. PLATFORM LENGTHS SHOWN IN PLANS ARE BASED ON COORDINATED STATION PLANNING WITH AUTHORITY AND STAKEHOLDERS.

    INTERMEDIATE STATION PLATFORM CONFIGURATIONS WILL ENSURE CUSTOMER SAFETY AS TRAINS MAY OPERATE THROUGH OR IN PROXIMITY TO THE STATION PLATFORM WITHOUT STOPPING.

11. VEHICLE STORAGE AND MAINTENANCE

    UNDER CURRENT OPERATING ASSUMPTION, FLEET STORAGE, CLEANING, SERVICING, INSPECTION, MAINTENANCE, AND REPAIR REQUIREMENTS WILL BE SUPPORTED AT:

    TERMINAL STORAGE AND MAINTENANCE FACILITY (LEVEL III) THAT PROVIDES IN-SERVICE INSPECTION, CLEANING AND MAINTENANCE WITH A LOCATION IN PROXIMITY TO LOS ANGELES UNION STATION.

    LAYOVER TRACKS FOR OVERNIGHT LAYUP AND TURNAROUND AT LOS ANGELES UNION STATION AND ARTIC STATION IN ANAHEIM.

12. SHARED RAIL OPERATIONS

    IN THE LOS ANGELES TO ANAHEIM CORRIDOR HSR WILL OPERATE IN A SHARED RIGHT-OF-WAY CORRIDOR AND ON SHARED TRACKS. FREIGHT OPERATORS WILL CROSS OVER THE ELECTRIFIED TRACKS AT DEFINED LOCATIONS UTILIZING OWL DIAMONDS AND WILL ALSO BE ALLOWED TO UTILIZE THE TWO ELECTRIFIED TRACKS AT DEFINED TIMES OR IN CASE OF EMERGENCIES.

13. SHARED RIGHT OF WAY (ROW)

    ALONG THIS RAIL CORRIDOR, THE RIGHT-OF-WAY AND TRACKS ARE OWNED EITHER BY THE BNSF FREIGHT RAILWAY, METRO, AND OCTA WITH FREIGHT OPERATIONS OCCURRING SIMULTANEOUSLY THROUGHOUT THE DAY.

14. DIAMOND (AT-GRADE) CROSSINGS R9

    THE USE OF ONE-WAY LOW SPEED "OWL" DIAMOND CROSSINGS WILL BE PROVIDED AT LOCATIONS WHERE OPERATING SPEEDS, AS SHOWN ON THE PLANS, ALLOW AND AS DETERMINED BY BNSF AND UPRR RAILROADS.

15. STRUCTURAL DESIGN

    A. PEPD STRUCTURE DESIGN WILL BE BASED ON CHSTP CP 2-3 DESIGN CRITERIA MANUAL REV 3 DATED FEBRUARY, 2016.

    B. DESIGN LIFE = 100 YEARS

16. EXISTING PRIMARY TYPE 2 OVERHEAD STRUCTURES

    A. WILL MEET THE NON-COLLAPSE PERFORMANCE FOR MAXIMUM CONSIDERED EARTHQUAKE (MCE).

    B. TO REMAIN ELASTIC FOR ONE THIRD OF MCE SPECTRA.

17. SURVEY

    A. HORIZONTAL AND VERTICAL DATUM:
       i. CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83) FOR COORDINATE SYSTEM.
       ii. THE NORTH AMERICAN DATUM OF 1988 (NAVD88) FOR HORIZONTAL DATUM.
       iii. THE NORTH AMERICAN DATUM OF 1988 (NAVD88) FOR VERTICAL DATUM.
    B. CITY OF LA IS GRANTOR WITHIN THEIR CITY LIMITS.

SYSTEM REQUIREMENTS

1. SYSTEMS

   DESIGN ELEMENTS RELATED TO ELECTRIFICATION/TRACTION POWER SUPPLY SYSTEM (TPSS), TRAIN CONTROL SYSTEMS AND COMMUNICATIONS ARE NOT PART OF THIS CONTRACT AND THESE DESIGN ELEMENTS WILL BE DESIGNED BY OTHERS.

   ELEMENT LOCATIONS WILL BE DEFINED AS PART OF THIS CONTRACT.

   AUTHORITY SYSTEMS TEAM DIRECTED THE FOLLOWING UPDATES AT A SEPTEMBER 15, 2016 WORKSHOP:

   ELIMINATE ALTERNATE SITE OPTIONS

   ELIMINATE BACK TO BACK PARALLELING STATION;

   MAINTAIN STANDARD LAYOUT TPSS-TPPS-TPSWS-TPPS-TPSS INTRODUCE A PORTAL / BRIDGE STRUCTURE EVERY MILE IN SEGMENTS UTILIZING THE DOUBLE CANTILEVER CATENARY POLE.

   RIGHT-OF-WAY FOR THESE SYSTEMS AND SUB-SYSTEMS WILL BE DEFINED BY THE AUTHORITY AND SUBJECT TO CHANGE.

   PRELIMINARY POWER SOURCES ARE SHOWN AND SUBJECT TO CHANGE WITH FINAL DETERMINATION BASED ON DISCUSSIONS BETWEEN THE AUTHORITY AND UTILITY OWNER.

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DATE 05/12/26

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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
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DRAWING NO. GE-B0301
SCALE NO SCALE
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R8 PEPD REVISION #8: REMOVED VALUE ENGINEERING (VE) NOTES FROM GENERAL NOTES SHEET

GENERAL NOTES

GENERAL

1. VOLUMES 3.1 THRU 3.5 PRESENT THE ENGINEERING PLANS FOR THE PREFERRED SHARED TRACK OPTIONS BETWEEN LOS ANGELES AND ANAHEIM. THESE OPTIONS CONSIST OF:
   A. NO HSR INTERMEDIATE STATIONS AT NORWALK/SANTA FE SPRINGS AND FULLERTON.
   B. 26TH STREET LIGHT MAINTENANCE FACILTY III

2. NON-PREFERRED OPTIONS ARE PRESENTED IN VOLUME 3.6. THESE CONSIST OF:
   A. HSR INTERMEDIATE STATIONS AT NORWALK/SANTA FE SPRINGS AND FULLERTON.
   B. 15TH STREET LIGHT MAINTENANCE FACLITY III

3. FOR PURPOSES OF THIS PEPD VOLUME 3, THE GEOGRAPHIC NORTHERN LIMITS OF THIS LA-A PEPD AND FOR THIS EIR/EIS ARE AT THE NORTHERN EDGE OF THE PROPOSED US-101 VIADUCT, NOTWITHSTANDING ANY INDIVIDUAL NOTE IN THIS PEPD OR IN THE EIR TO THE CONTRARY.

R8

VOLUME 3.1

1. RAIL ALIGNMENT BETWEEN MAIN STREET, UNION STATION, AND 1ST STREET IS BEING DESIGNED BY METRO'S LINKUS TEAM. THE ALIGNMENT THAT IS SHOWN IS BASED ON LATEST COORDINATION WITH THEIR TEAM, SHOWN FOR REFERENCE ONLY AND SUBJECT TO CHANGE. SEE VOLUME 3.8.

VOLUME 3.2

1. NONE

VOLUME 3.3

1. NONE

VOLUME 3.3A

1. STATE COLLEGE ENGINEERING PLANS BASED ON 35% OCTA DESIGN PLANS AND WILL BE ENVIRONMENTALLY CLEARED AS PART OF THIS HSR LA-A EIR/EIS.

VOLUME 3.4

EXISTING COMPOSITE UTILITY NOTES:

1. UTILITY CONFLICTS ON CROSSING STREETS AT EXISTING GRADE SEPARATIONS ARE NOT ANTICIPATED.
2. ONLY THE FOLLOWING UTILITIES SHALL BE CONSIDERED MAJOR AND ARE IDENTIFIED IN THE UTILITY CONFLICTS MATRIX ON THE DRAWINGS.
   A. WET UTILITIES:
      I. SEWER, WATER, STORM DRAIN GREATER THAN OR EQUAL TO 12".
      II. ALL OIL LINES.
      III. ALL FUEL (GASOLINE) LINES.
      IV. ALL GAS LINES.
   B. DRY UTILITIES:
      I. ALL FIBER OPTIC LINES.
      II. ALL ELECTRIC LINES GREATER THAN 240V.
      III. ALL DUCT BANKS WITH 6 OR MORE DUCTS.
      IV. EXCLUDE INDIVIDUAL TELEPHONE, CABLE LINES.
   C. ALL OTHER CONFLICTS ARE CONSIDERED MINOR AND ARE NOT SHOWN IN THE UTILITY CONFLICTS MATRIX.
   D. UTILITIES AT GRADE SEPARATIONS ARE NOT SHOWN IN THE UTILITY CONFLICTS MATRIX EVEN IF THEY FALL UNDER THE ABOVE CRITERIA SINCE VOLUME 3.3 OFFERS MORE SPECIFIC AND ACCURATE INFORMATION REGARDING THE DESIGN.
   E. ALL NEW OR RELOCATION OF EXISTING UTILITIES WILL FOLLOW THE CITY, STATE, AND FEDERAL REQUIREMENTS AND GUILDELINES FOR SEPARATION, PROTECTION, AND CONSTRUCTION.

VOLUME 3.5

1. DESIGN PLANS PROVIDED IN THIS VOLUME REPRESENT UNIQUE DESIGN ELEMENTS SPECIFICALLY RELATED TO THE NON-PREFERRED OPTIONS.

VOLUME 3.6

1. NONE

VOLUME 3.7

1. THIS VOLUME NOT USED

VOLUME 3.8

1. PLANS PROVIDED IN THIS VOLUME REPRESENT ELEMENTS THAT HSR AUTHORITY WILL BE ENVIRONMENTALLY CLEARING AS PART OF METRO'S LINKUS PROJECT.

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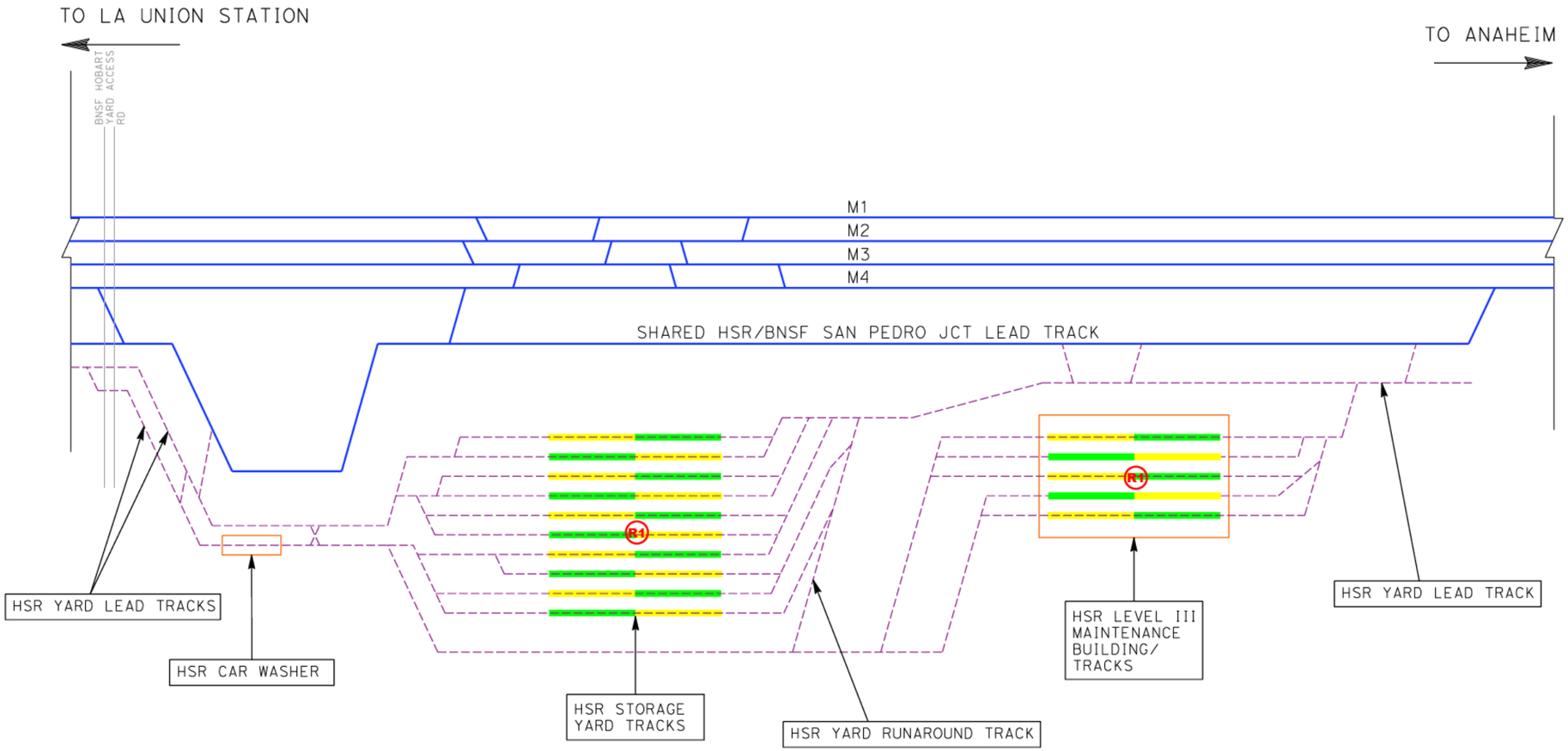
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GENERAL NOTES 1 OF 1

CONTRACT NO. HSR06-0005
DRAWING NO. GE-B0311
SCALE NO SCALE
SHEET NO. 82 of 138

$PLOT$

R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



LEGEND

- NEW HSR LMF III LEAD/YARD TRACKS
- NEW HSR TRACKS
- EXISTING RR TRACK
- REALIGNED/NEW AMTRAK/METROLINK TRACKS
- EXISTING ROADWAY/FREEWAY OVERPASS BRIDGE
- EXISTING AMTRAK MAINTENANCE FACILITY(S)
- NEW HSR MAINTEANCE FACILITY(S)
- HSR TRAINSET (673' EACH) (20 TRAINSETS TOTAL YARD STORAGE CAPACITY) R1

W — RAILROAD — E

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FOR INTERNAL USE ONLY

REV	DATE	BY	SUB	APP	DESCRIPTION

DESIGNED BY D. RAMIREZ
DRAWN BY D. RAMIREZ
CHECKED BY A. BOSCH
IN CHARGE J. SWANSON
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

stv

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
TRACK SCHEMATIC
26TH STREET LMF III OPTION

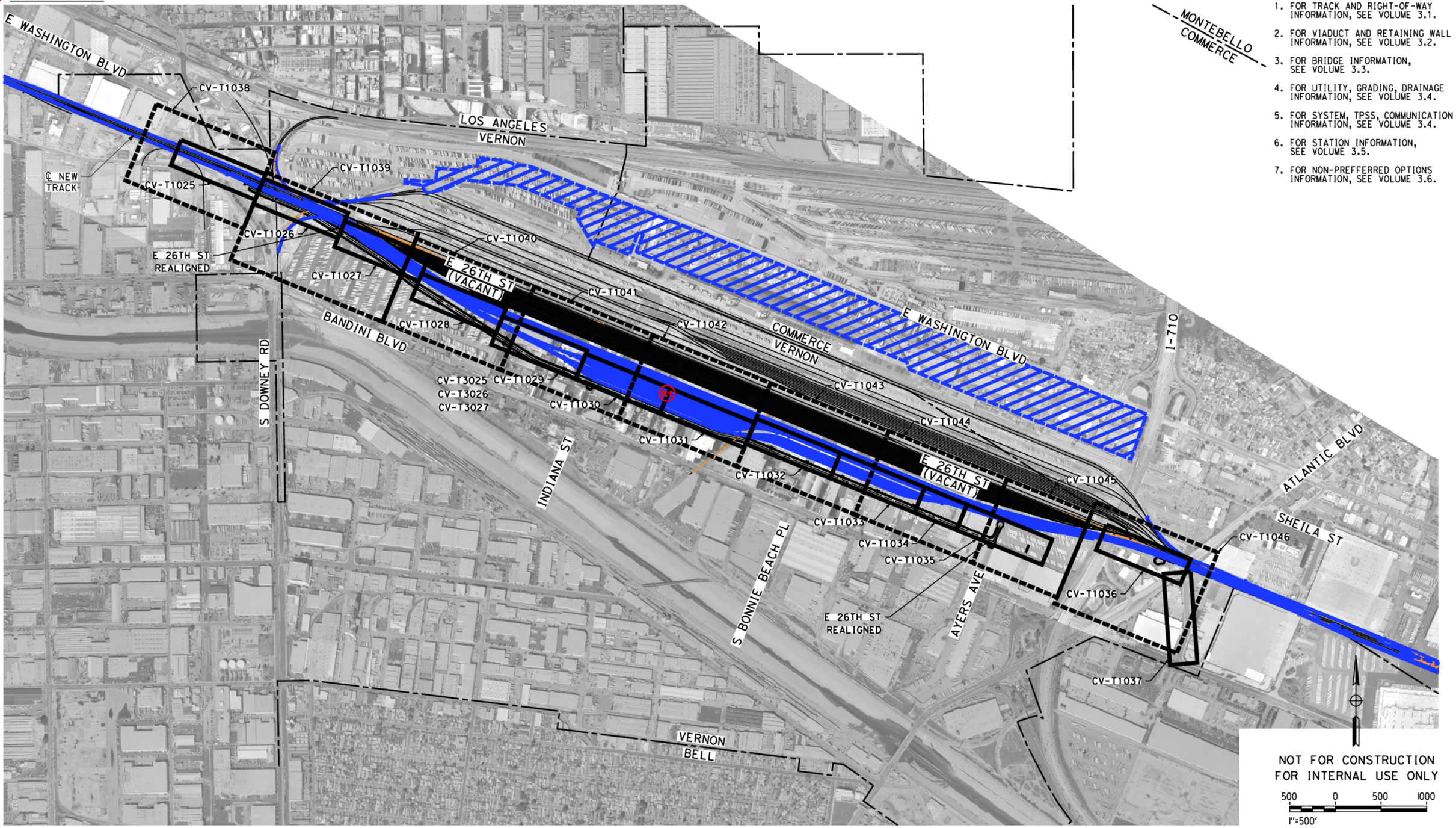
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DRAWING NO. GE-D6302
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SHEET NO. 83 of 138

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R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. MAMAWAL
DRAWN BY M. MAMAWAL
CHECKED BY J. SWANSON
IN CHARGE J. SWANSON
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

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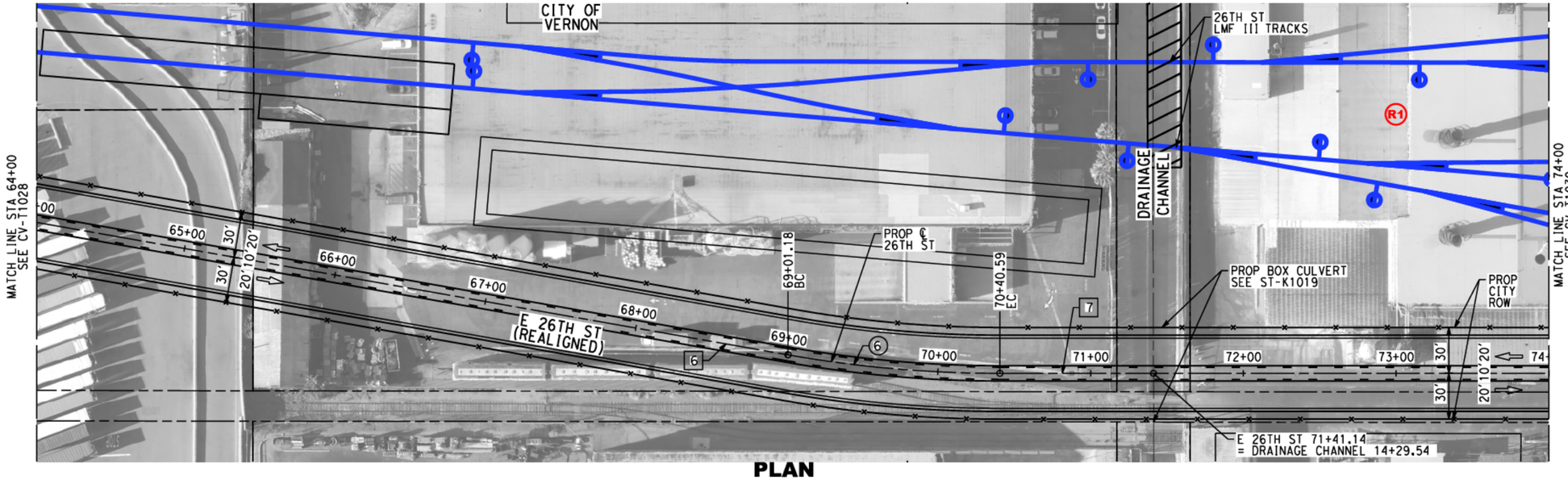
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
ORIENTATION MAP

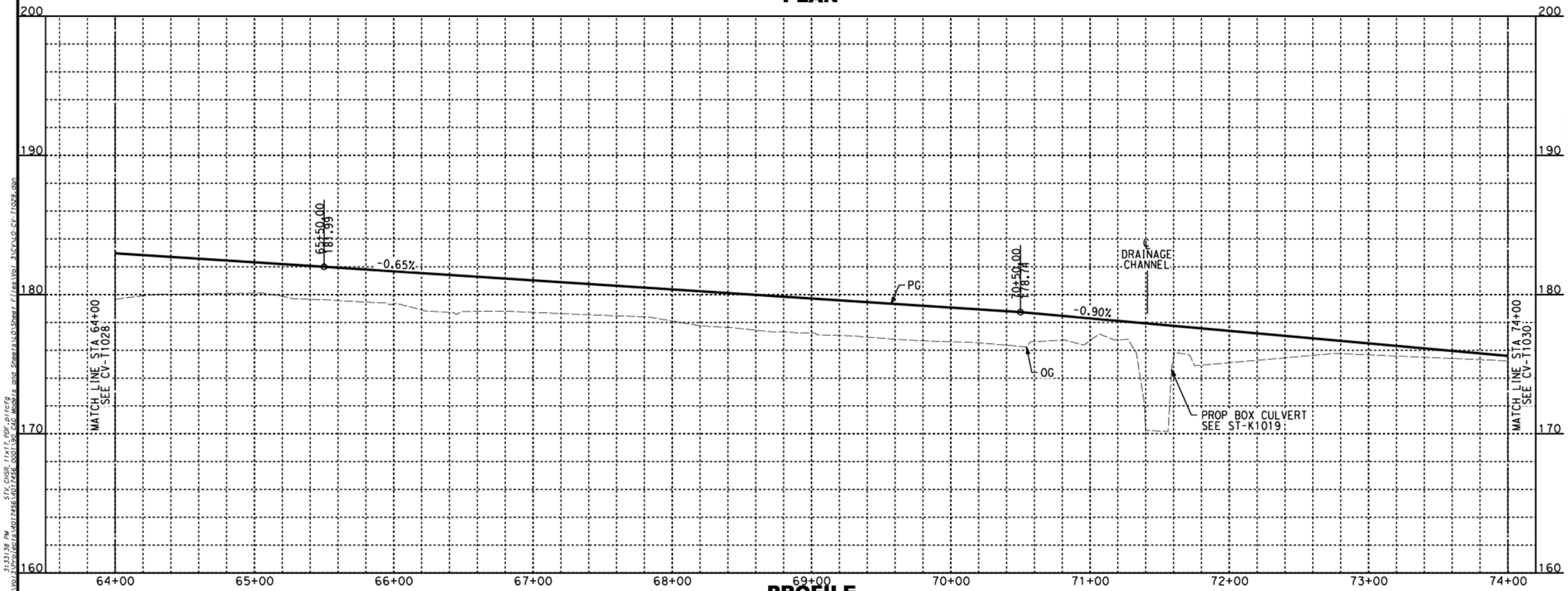
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DRAWING NO. CV-T0025
SCALE 1" = 500'
SHEET NO. 84 of 138

$PLOT$

R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY
4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
6	S57°52'29"E	1475.68'
7	S67°51'33"E	598.84'

CURVE DATA

NO	R	Δ	T	L
6	800'	9°59'04"	69.88'	139.41'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE A. BOSCH
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

stv

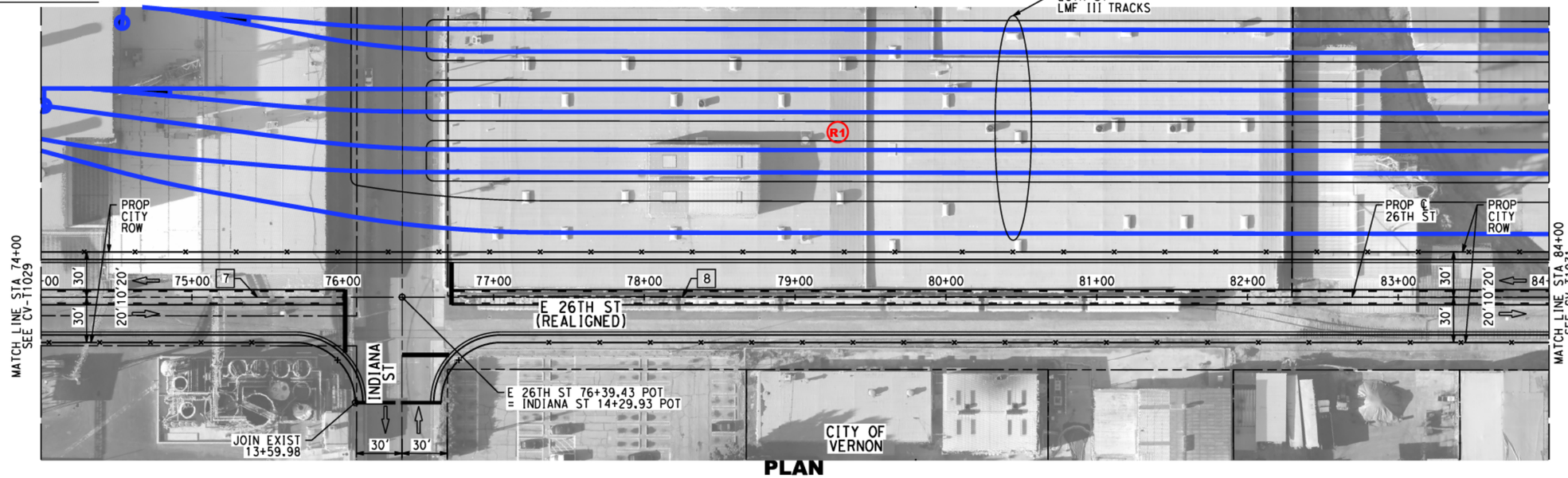
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
PLAN AND PROFILE - SHEET 5 OF 11

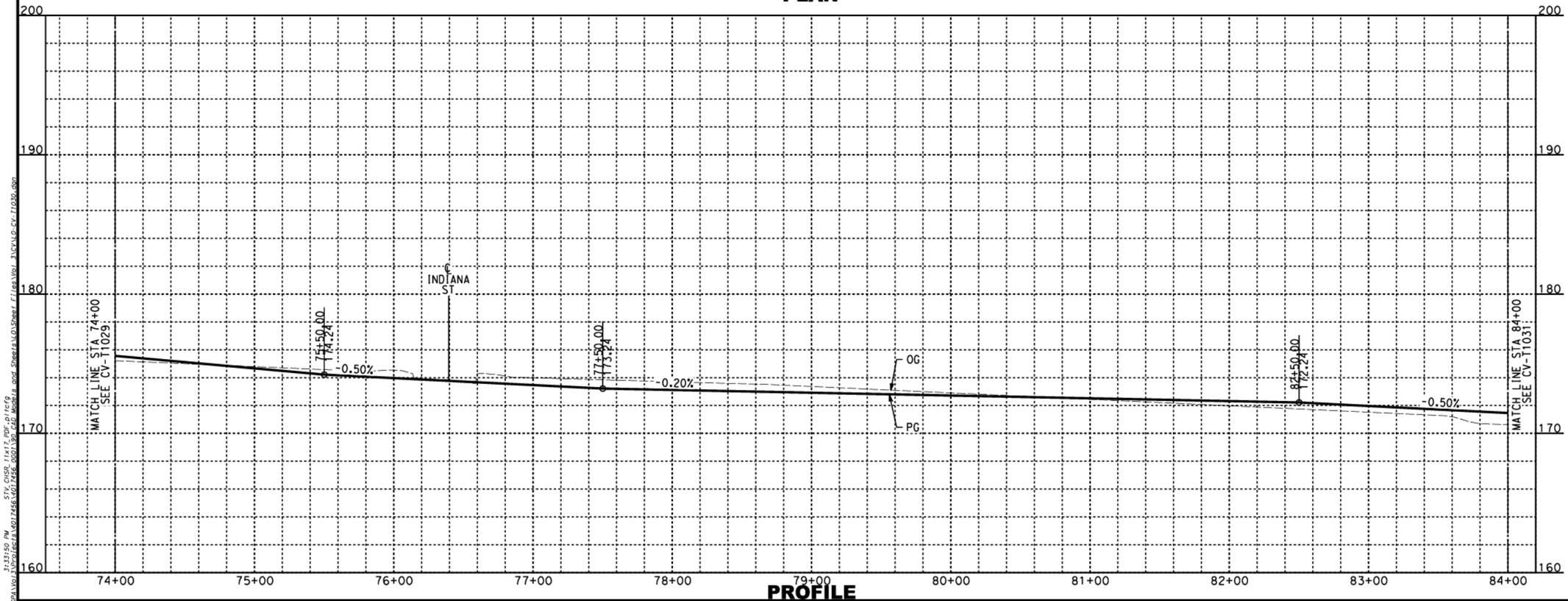
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SHEET NO. 85 of 138

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(R1) PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY

4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
7	S67°51'33"E	598.84'
8	S67°51'33"E	1372.08'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE A. BOSCH
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

stv

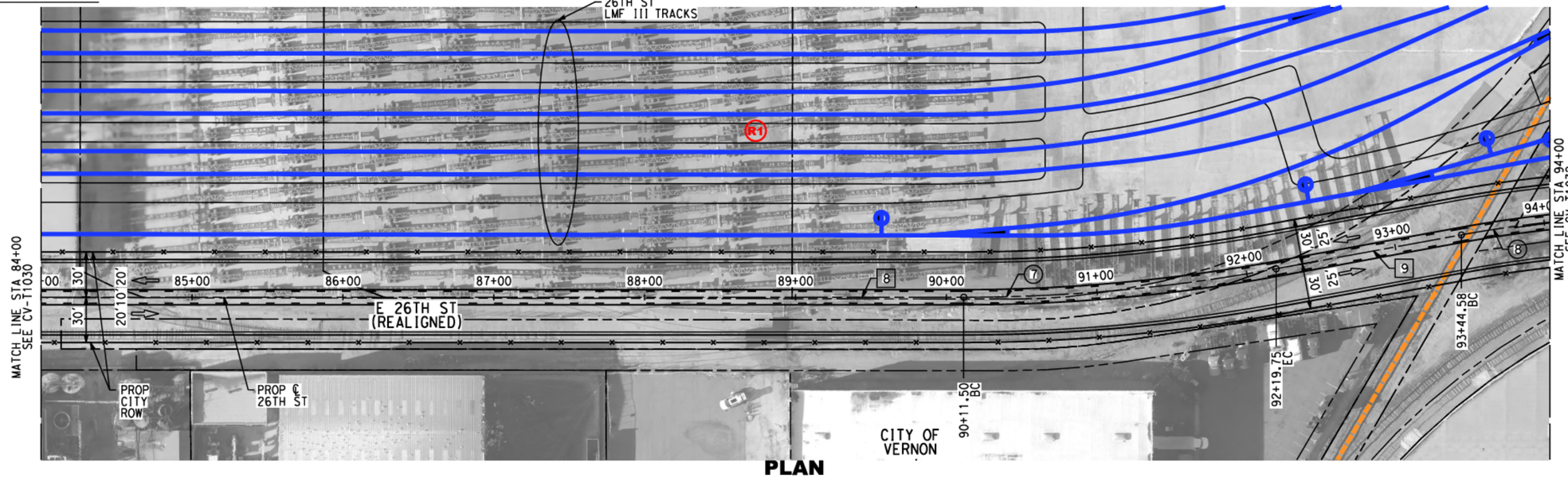
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
PLAN AND PROFILE - SHEET 6 OF 11

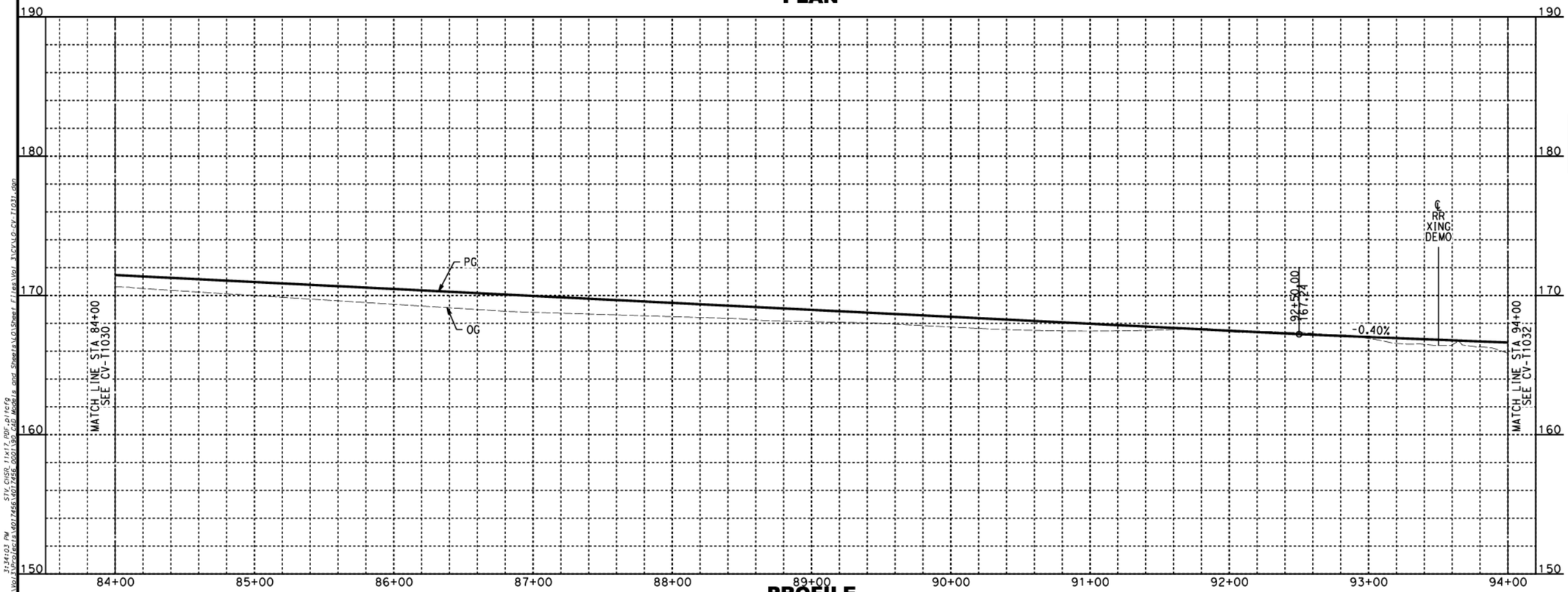
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R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY
4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
8	S67°51'33"E	1372.08'
9	S78°14'04"E	124.83'

CURVE DATA

NO	R	Δ	T	L
7	1150'	10°22'31"	104.41'	208.24'
8	800'	11°07'00"	77.85'	155.22'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE A. BOSCH
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

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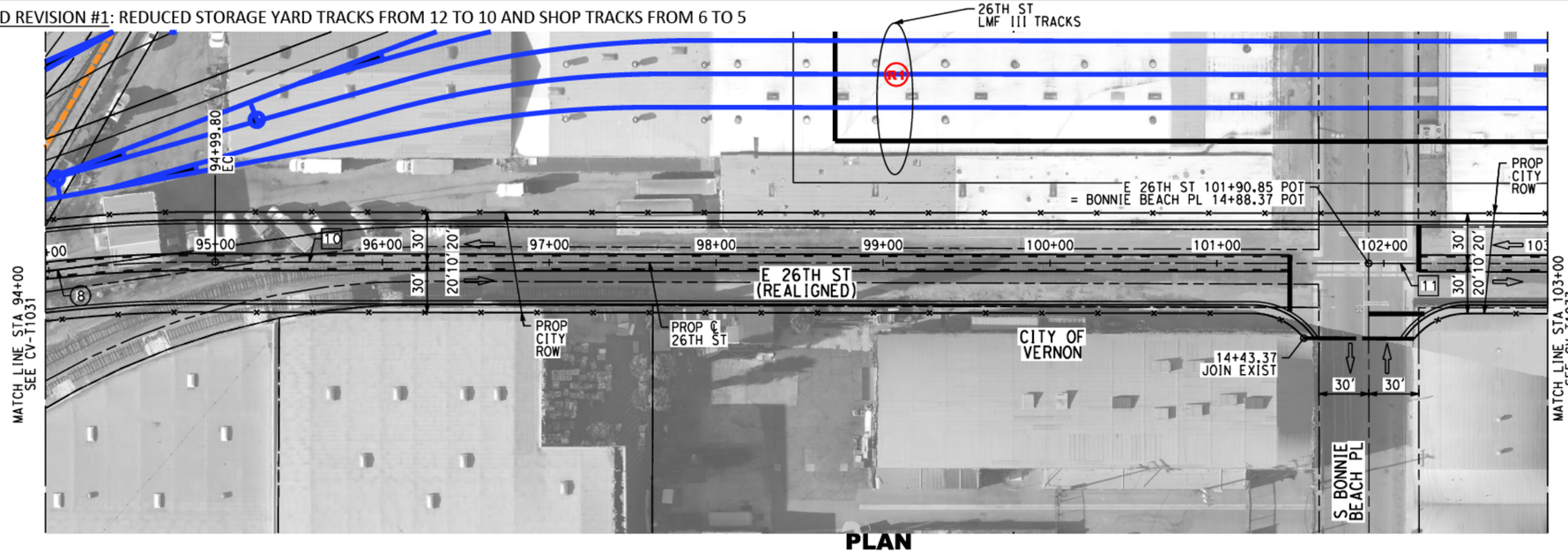
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
PLAN AND PROFILE - SHEET 7 OF 11

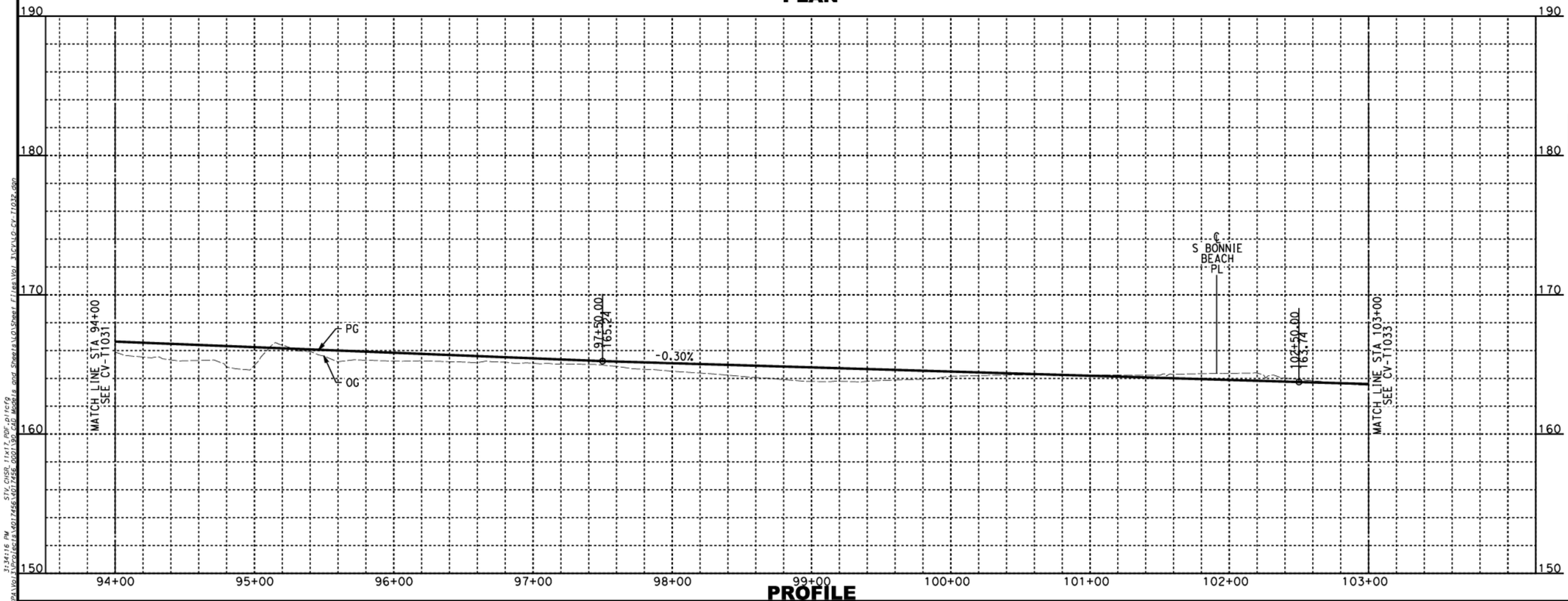
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R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY
4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
10	S67°47'59"E	691.06'
11	S67°47'50"E	2192.75'

CURVE DATA

NO	R	Δ	T	L
8	800'	11°07'00"	77.85'	155.22'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE A. BOSCH
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

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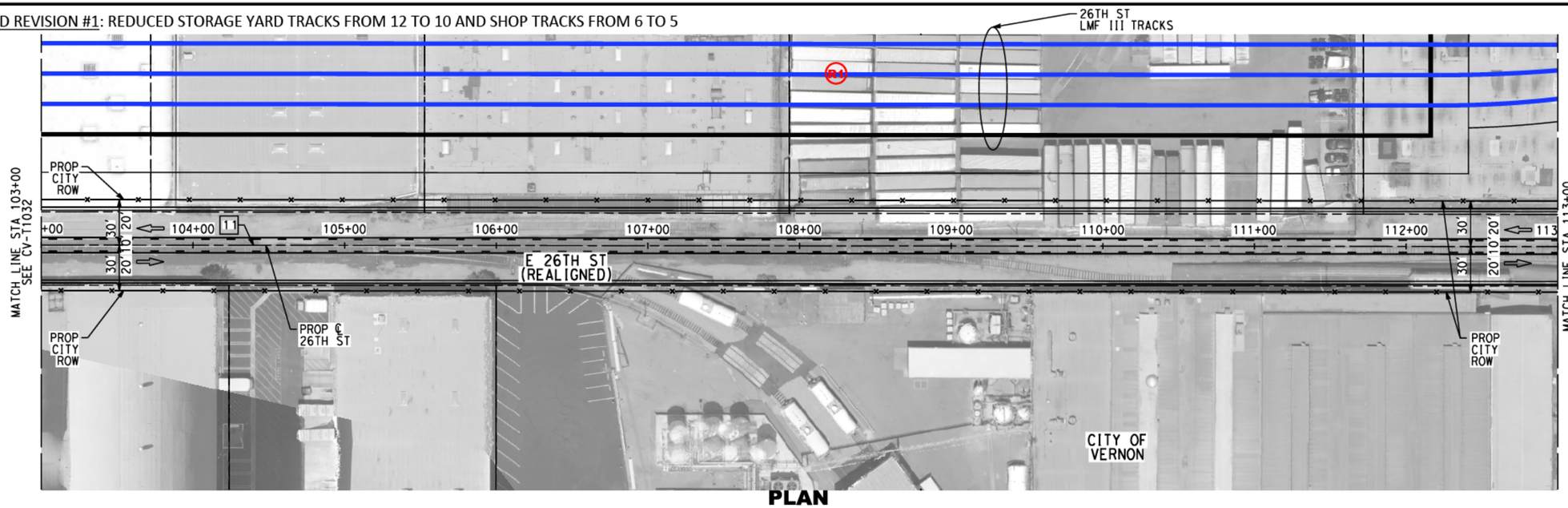
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT- E 26TH ST (VERNON)
PLAN AND PROFILE - SHEET 8 OF 11

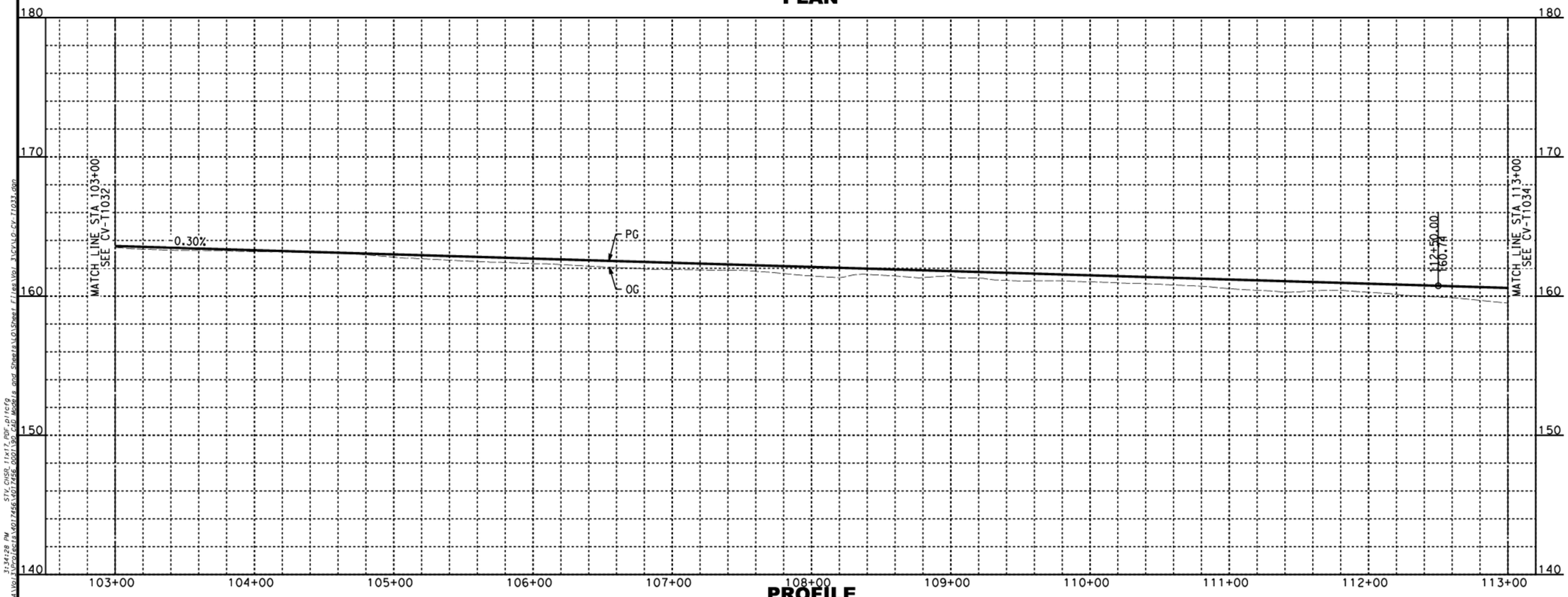
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(R1) PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY
4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
11	S67°47'50"E	2192.75'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE A. BOSCH
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

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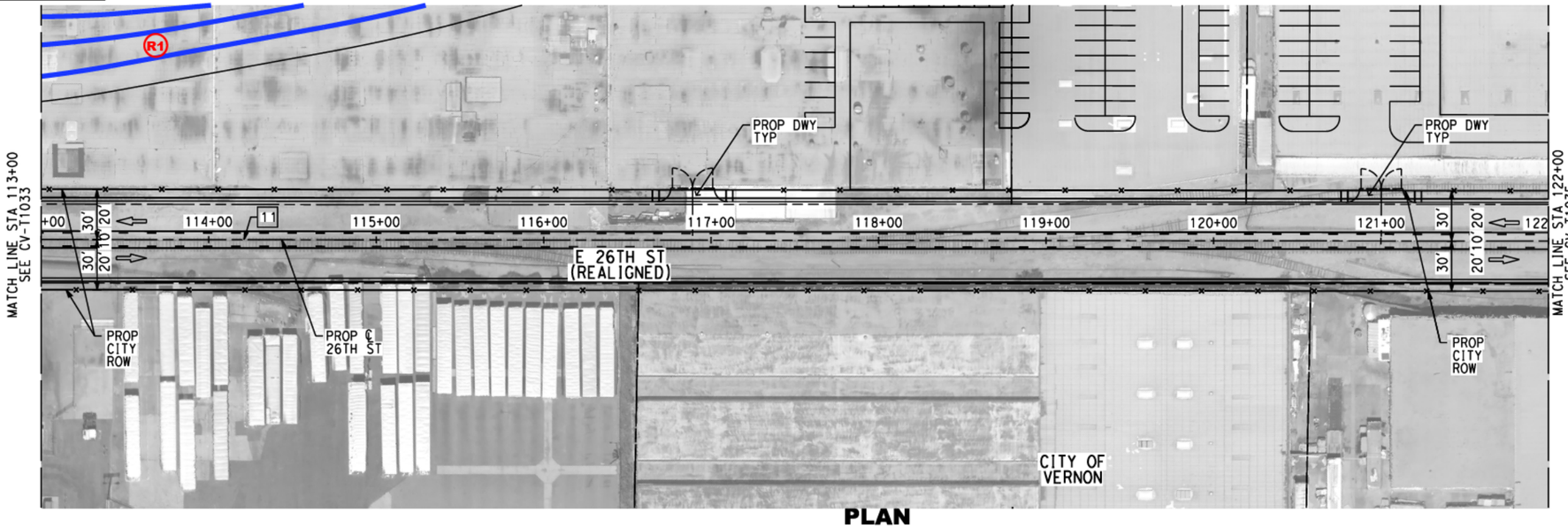
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
PLAN AND PROFILE - SHEET 9 OF 11

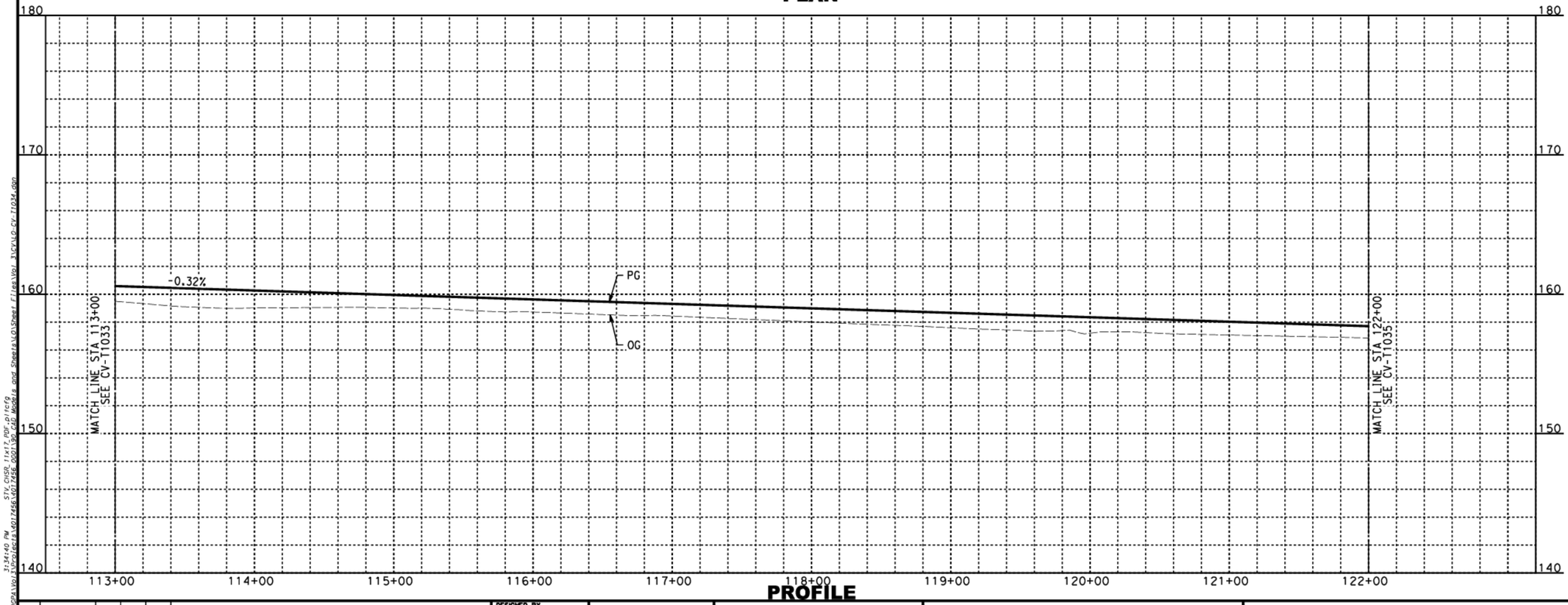
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R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
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6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY

4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
11	S67°47'50"E	2192.75'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE A. BOSCH
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
PLAN AND PROFILE - SHEET 10 OF 11

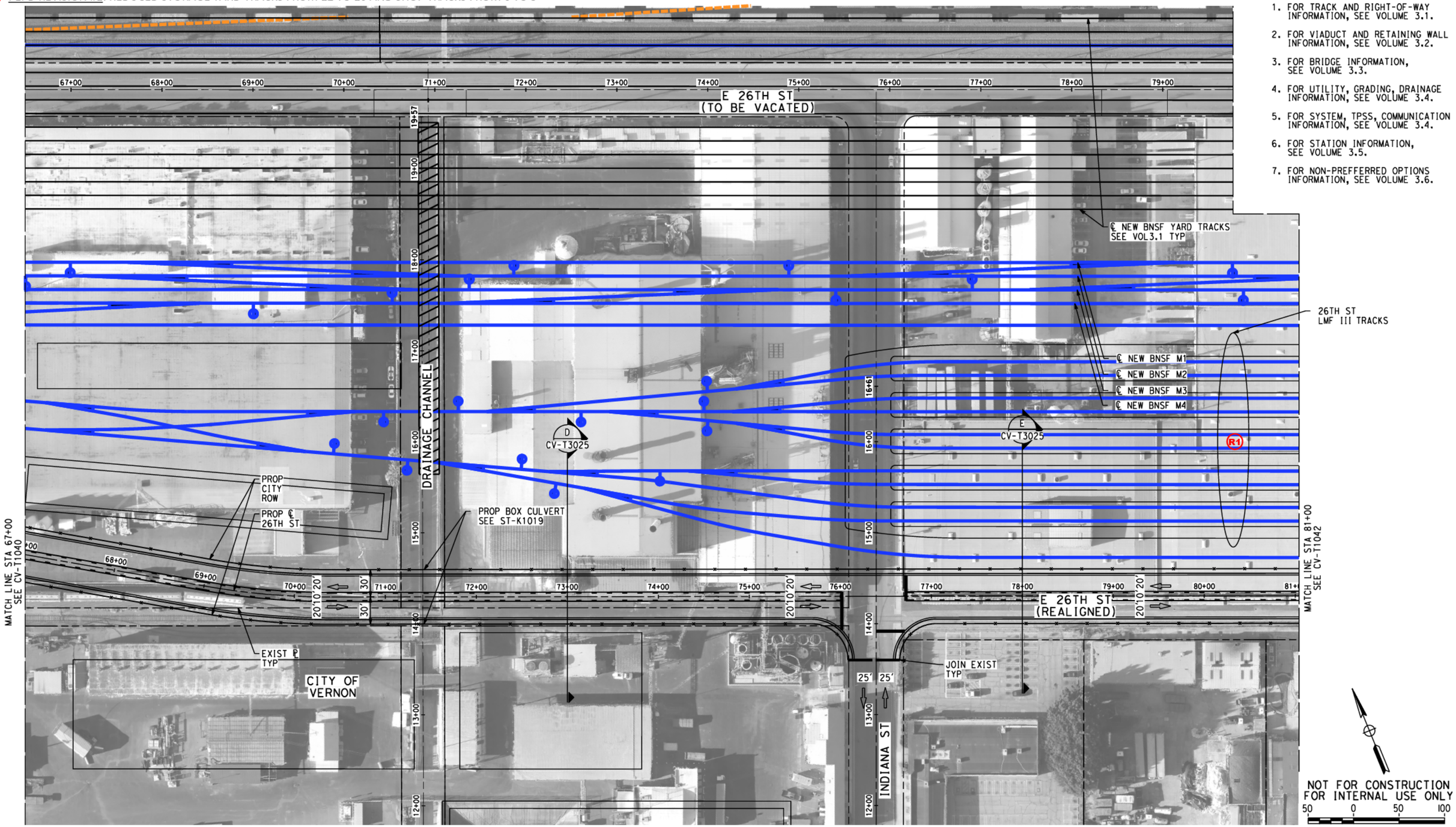
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R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
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6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.



NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

50 0 50 100

1"=50' HORIZ

SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY: A. CHIANG
DRAWN BY: A. CHIANG
CHECKED BY: A. BOSCH
IN CHARGE: A. BOSCH
DATE: 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

stv

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

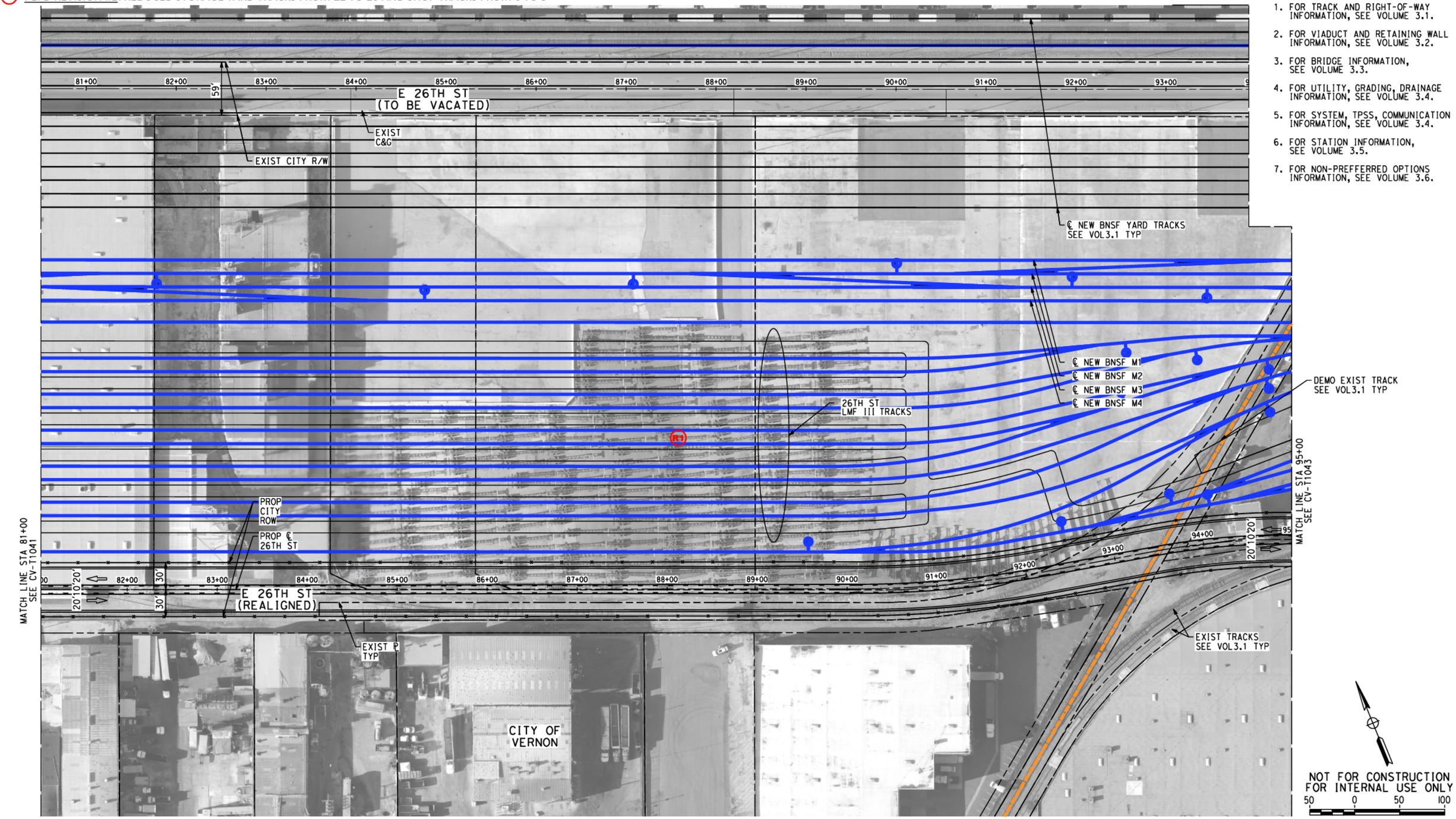
CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
IMPACT PLAN - SHEET 4 OF 9

CONTRACT NO. HSR06-0005
DRAWING NO. CV-T1041
SCALE AS SHOWN
SHEET NO. 91 of 138

R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
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NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

50 0 50 100

1"=50' HORIZ

SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE A. BOSCH
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

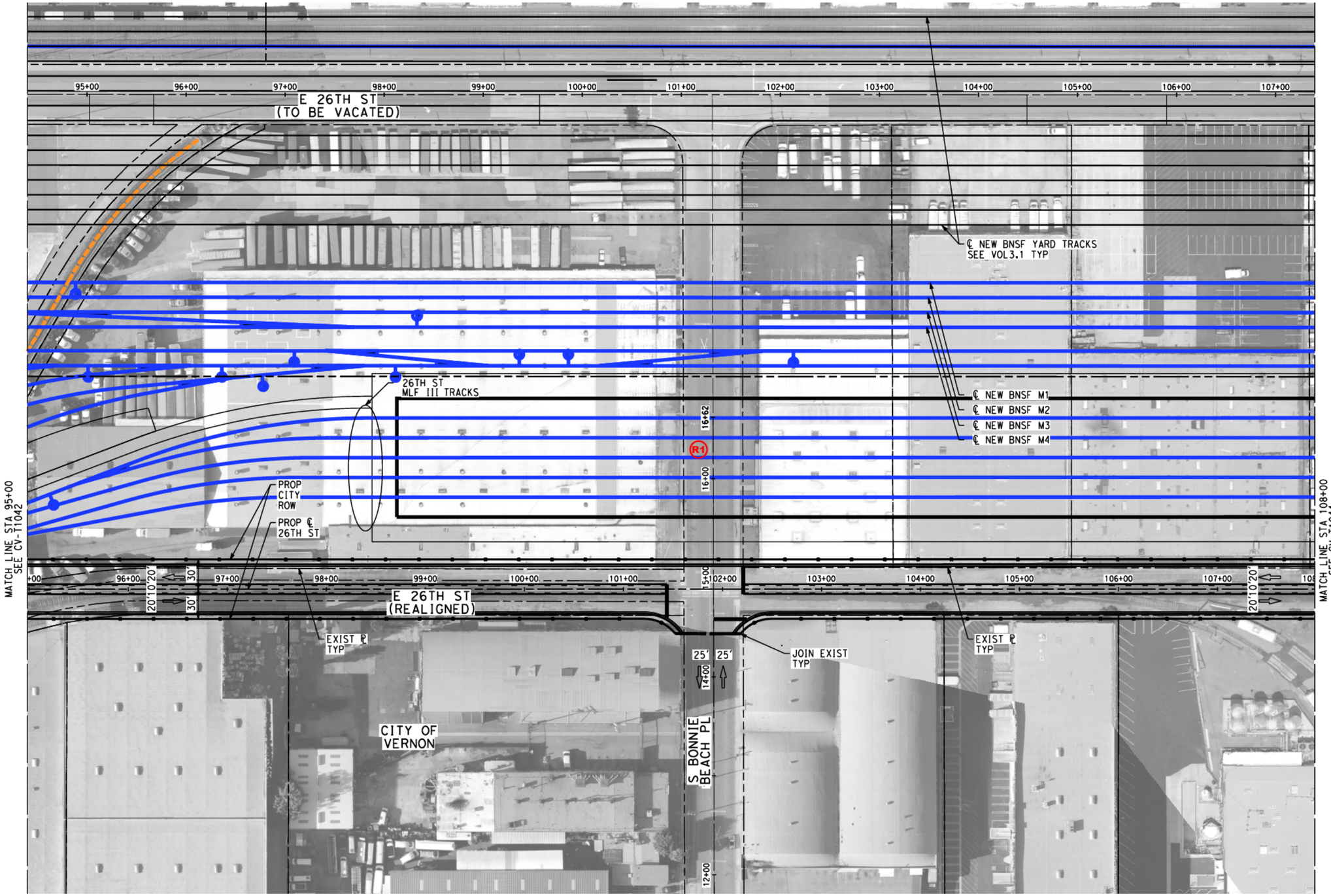
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
IMPACT PLAN - SHEET 5 OF 9

CONTRACT NO. HSR06-0005
DRAWING NO. CV-T1042
SCALE AS SHOWN
SHEET NO. 92 of 138

R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

50 0 50 100

1"=50' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY: A. CHIANG
DRAWN BY: A. CHIANG
CHECKED BY: A. BOSCH
IN CHARGE: A. BOSCH
DATE: 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

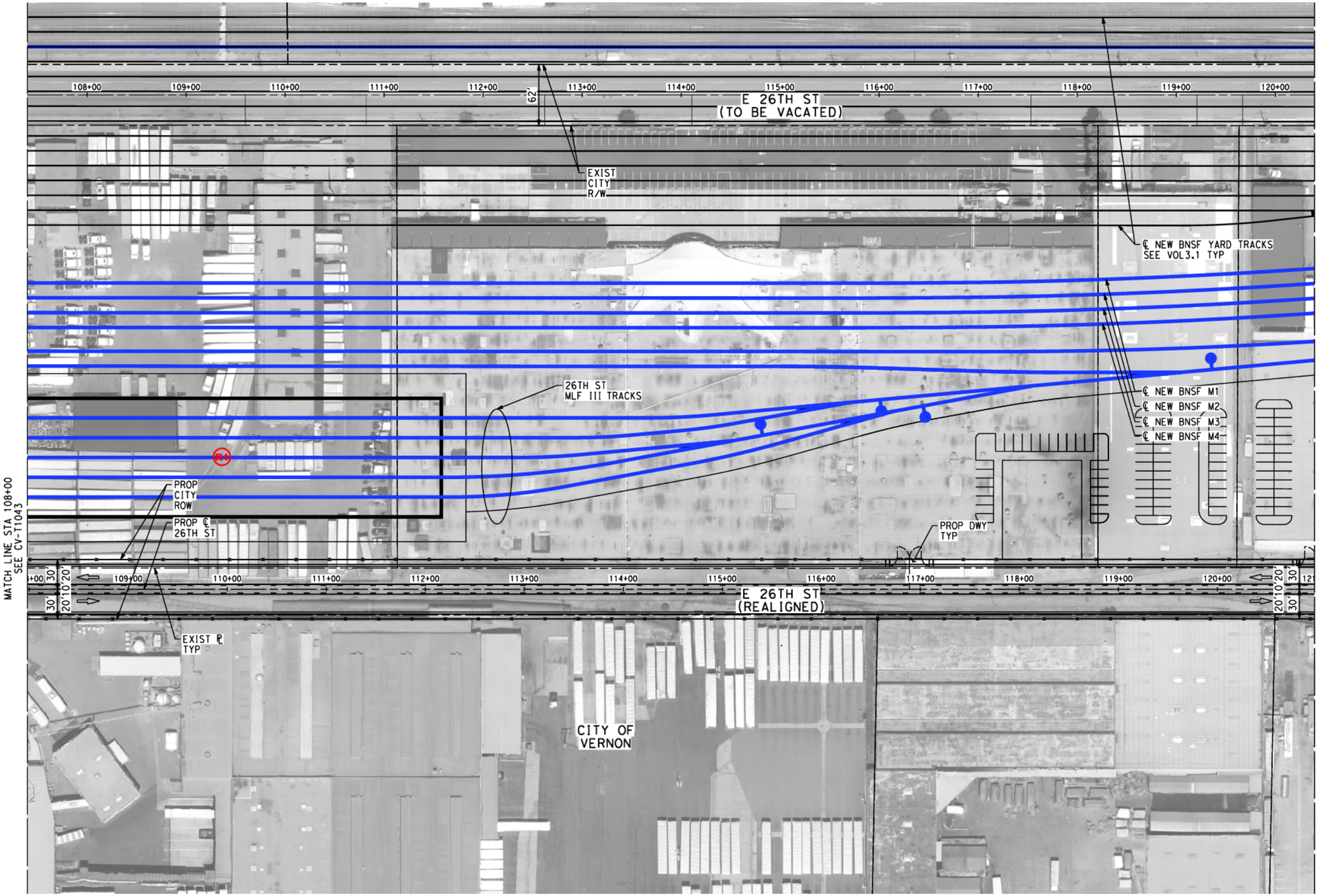
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
IMPACT PLAN - SHEET 6 OF 9

CONTRACT NO. HSR06-0005
DRAWING NO. CV-T1043
SCALE AS SHOWN
SHEET NO. 93 of 138

R1 PEPD REVISION #1: REDUCED STORAGE YARD TRACKS FROM 12 TO 10 AND SHOP TRACKS FROM 6 TO 5



NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

50 0 50 100

1"=50' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY: A. CHIANG
DRAWN BY: A. CHIANG
CHECKED BY: A. BOSCH
IN CHARGE: A. BOSCH
DATE: 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

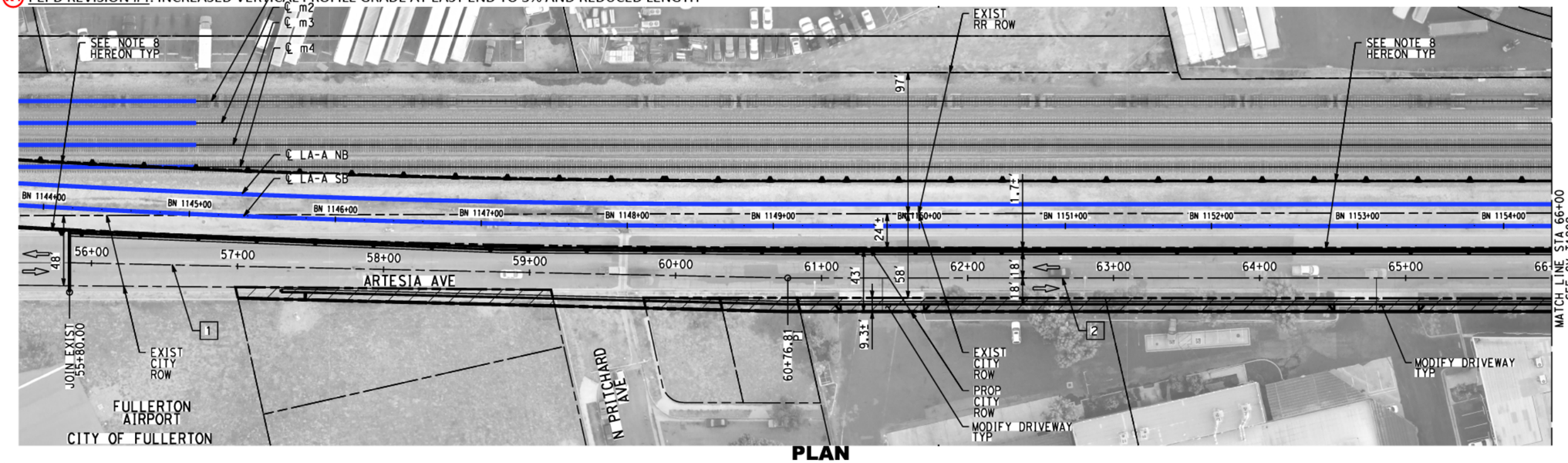
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CALIFORNIA HIGH-SPEED RAIL AUTHORITY

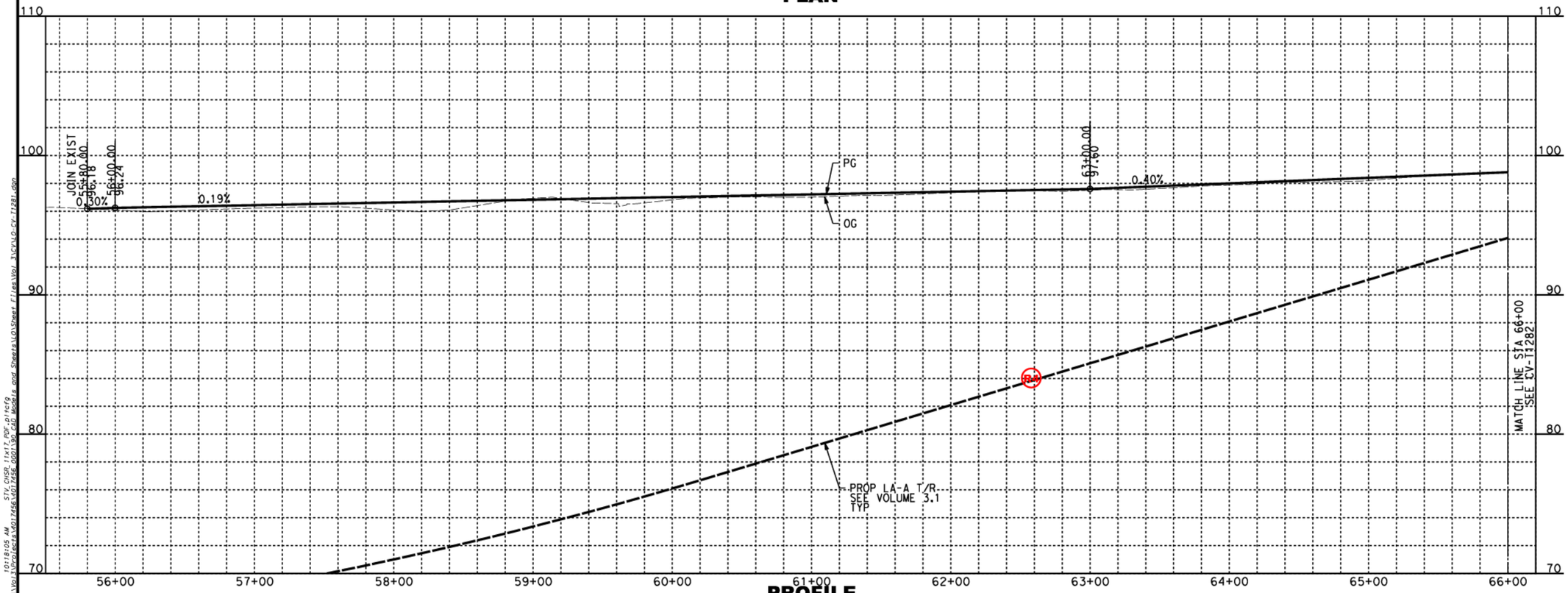
CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
ROADWAY IMPROVEMENT - E 26TH ST (VERNON)
IMPACT PLAN - SHEET 7 OF 9

CONTRACT NO.: HSR06-0005
DRAWING NO.: CV-T1044
SCALE: AS SHOWN
SHEET NO.: 94 of 138

R4 PEPD REVISION #4: INCREASED VERTICAL PROFILE GRADE AT EAST END TO 3% AND REDUCED LENGTH



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.
8. FOR TRENCH AND RETAINED SECTIONS, SEE VOLUME 3.2.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY
4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
1	S76°30'21"E	491.86'
2	S77°43'25"E	962.11'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE J. SWANSON
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

stv

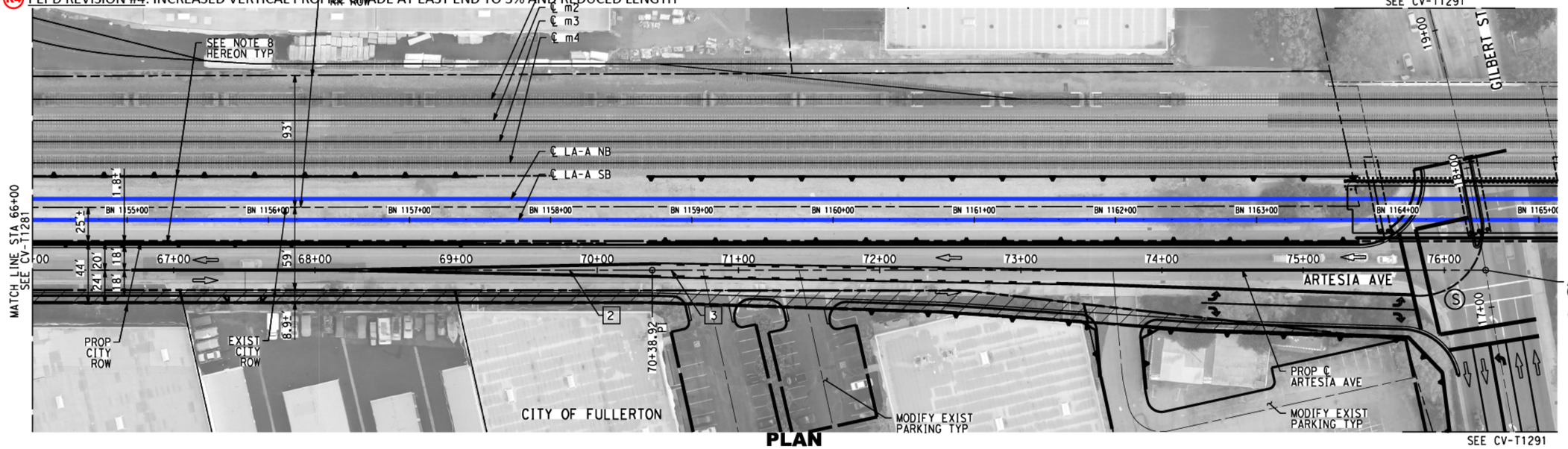
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADE SEPARATION - ARTESIA AVE
PLAN AND PROFILE - SHEET 1 OF 2

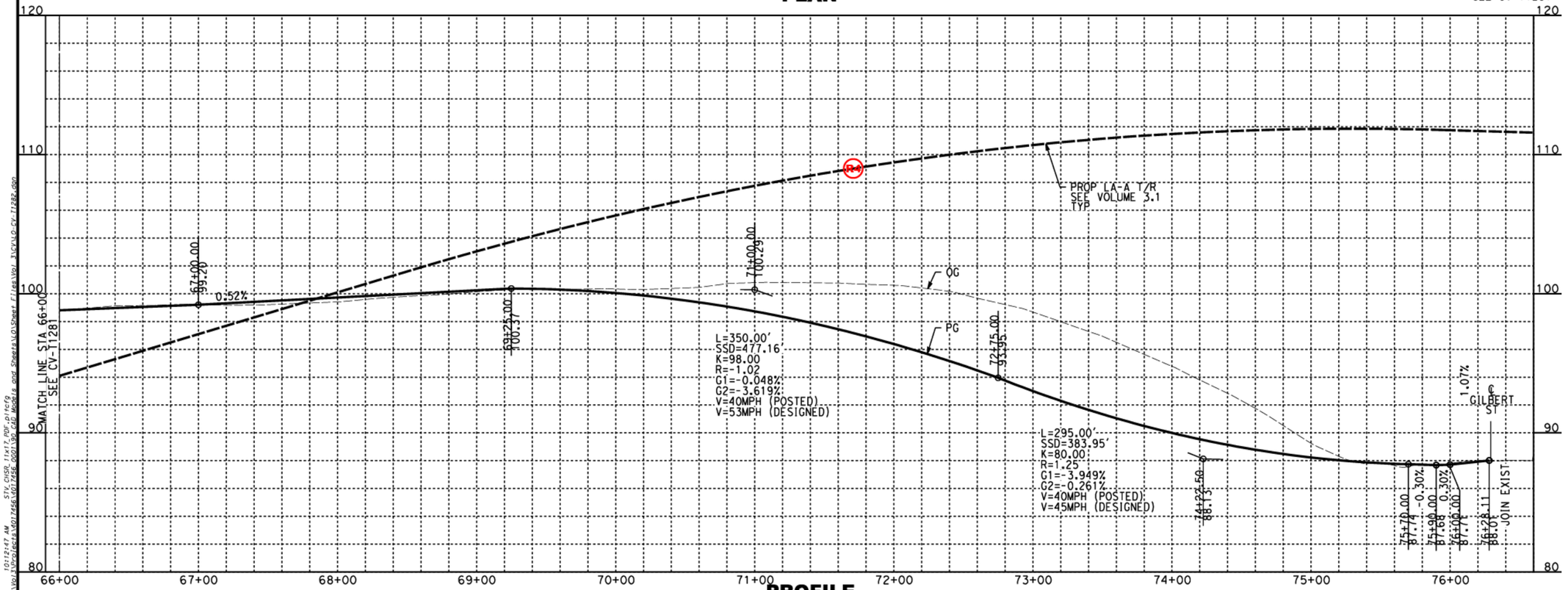
CONTRACT NO. HSR06-0005
DRAWING NO. CV-T1281
SCALE AS SHOWN
SHEET NO. 95 of 138

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R4 PEPD REVISION #4: INCREASED VERTICAL PROFILE GRADE AT EAST END TO 3% AND REDUCED LENGTH



PLAN



PROFILE

NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.
8. FOR TRENCH AND RETAINED SECTIONS, SEE VOLUME 3.2.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

40 0 40 80
1"=40' HORIZ
SCALE APPLICABLE FOR FULL SIZE ONLY
4 0 4 8
1"=4' VERT
SCALE APPLICABLE FOR FULL SIZE ONLY

LINE DATA

NO	BEARING	DISTANCE
2	S77°43'25"E	962.11'
3	S77°43'25"E	590.30'

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. CHIANG
DRAWN BY A. CHIANG
CHECKED BY A. BOSCH
IN CHARGE J. SWANSON
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

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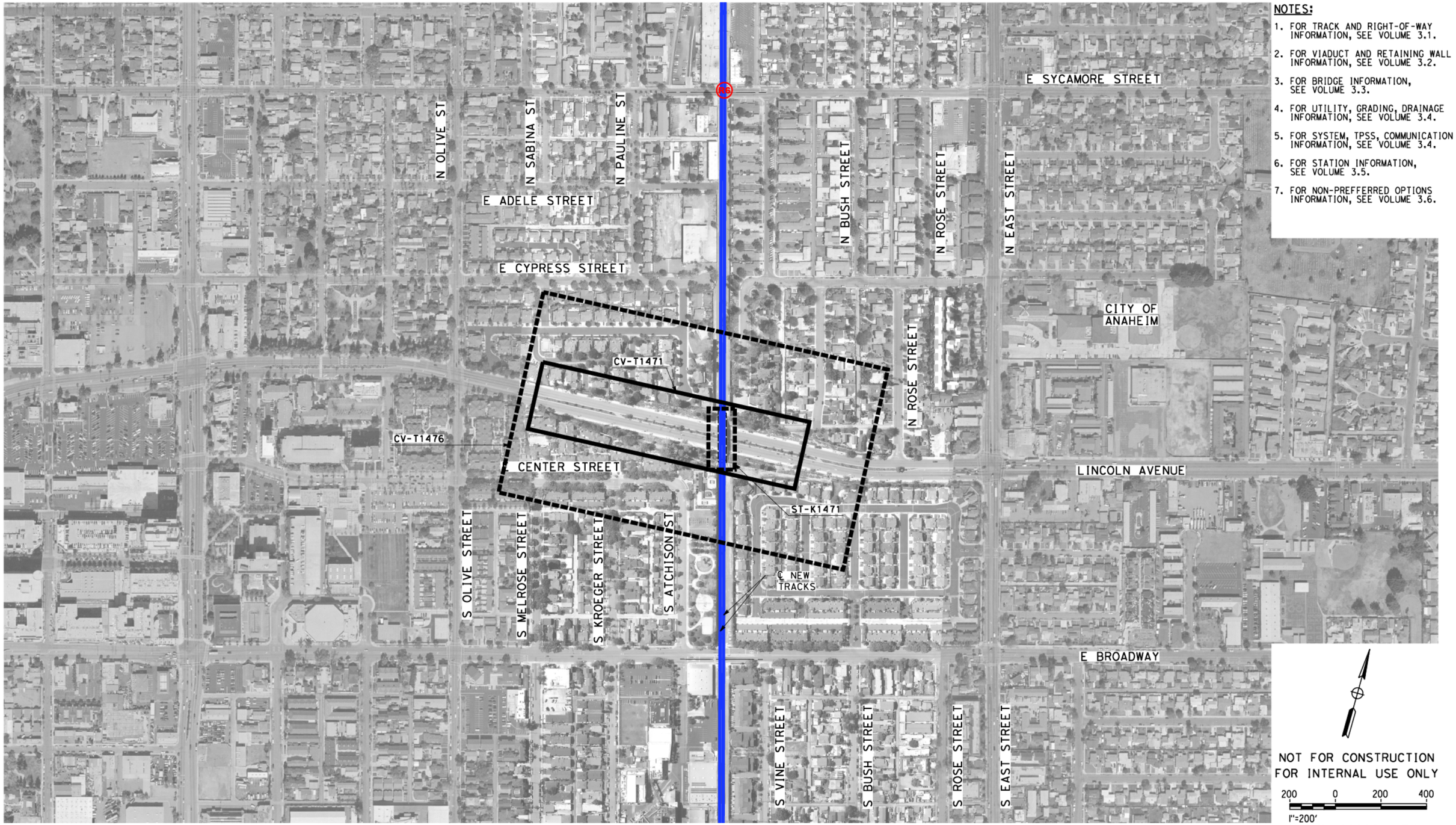
CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADE SEPARATION - ARTESIA AVE
PLAN AND PROFILE - SHEET 2 OF 2

CONTRACT NO. HSR06-0005
DRAWING NO. CV-T1282
SCALE AS SHOWN
SHEET NO. 96 of 138

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Romirod
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Color Model: acad.ctb

R6 PEPD REVISION #6: REMOVED INCORRECT CALLOUT FOR "CLOSURE OF SYCAMORE STREET"



NOTES:

1. FOR TRACK AND RIGHT-OF-WAY INFORMATION, SEE VOLUME 3.1.
2. FOR VIADUCT AND RETAINING WALL INFORMATION, SEE VOLUME 3.2.
3. FOR BRIDGE INFORMATION, SEE VOLUME 3.3.
4. FOR UTILITY, GRADING, DRAINAGE INFORMATION, SEE VOLUME 3.4.
5. FOR SYSTEM, TPSS, COMMUNICATION INFORMATION, SEE VOLUME 3.4.
6. FOR STATION INFORMATION, SEE VOLUME 3.5.
7. FOR NON-PREFFERRED OPTIONS INFORMATION, SEE VOLUME 3.6.

NOT FOR CONSTRUCTION
FOR INTERNAL USE ONLY

200 0 200 400
1"=200'
SCALE APPLICABLE FOR FULL SIZE ONLY

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY M. MAMAWAL
DRAWN BY M. MAMAWAL
CHECKED BY J. SWANSON
IN CHARGE J. SWANSON
DATE 06/30/26

PEPD SUBMITTAL FOR INTERNAL USE ONLY

NOT FOR CONSTRUCTION

stv

CALIFORNIA HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
LOS ANGELES TO ANAHEIM
RECORD SET
PRELIMINARY ENGINEERING FOR PROJECT DEFINITION
GRADE SEPARATION - LINCOLN AVE
ORIENTATION MAP

CONTRACT NO. HSR06-0005
DRAWING NO. CV-T0471
SCALE 1" = 200'
SHEET NO. 97 of 138

$PLOT$