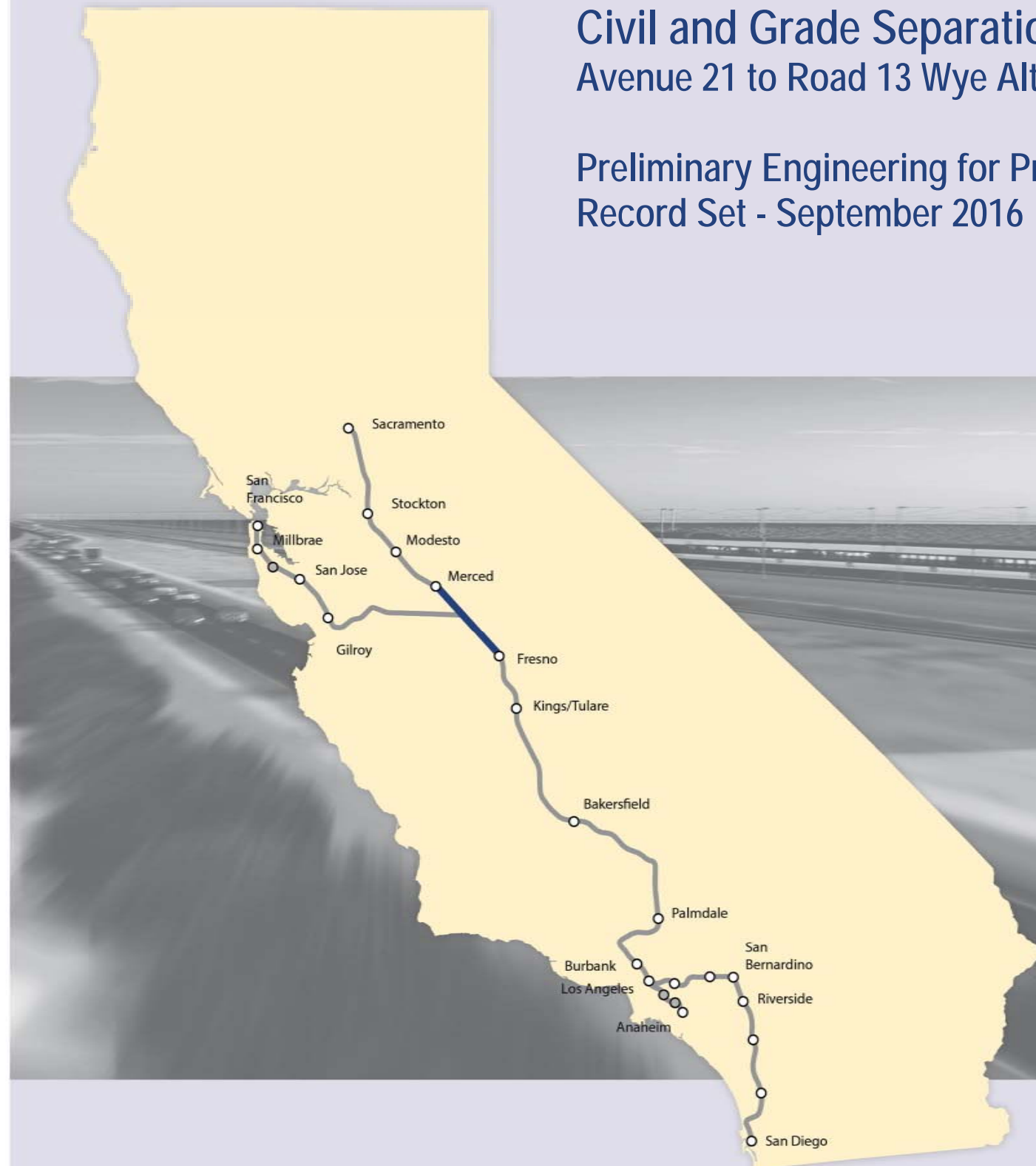


California High-Speed Rail Authority

Merced to Fresno Section: Central Valley Wye

Civil and Grade Separation Plans (Book 3 of 4)
Avenue 21 to Road 13 Wye Alternative

Preliminary Engineering for Project Definition
Record Set - September 2016



p0021811 06-SEP-2016 3:57 MF-CV-B0002.dgn

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CV-B0002	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 1 OF 17
CV-B0003	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 2 OF 17
CV-B0004	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 3 OF 17
CV-B0005	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 4 OF 17
CV-B0006	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 5 OF 17
CV-B0007	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 6 OF 17
CV-B0008	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 7 OF 17
CV-B0009	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 8 OF 17
CV-B0010	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 9 OF 17
CV-B0011	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 10 OF 17
CV-B0012	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 11 OF 17
CV-B0013	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 12 OF 17
CV-B0014	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 13 OF 17
CV-B0015	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 14 OF 17
CV-B0016	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 15 OF 17
CV-B0017	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 16 OF 17
CV-B0018	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	INDEX OF DRAWINGS	SHEET 17 OF 17
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CV-B0030	CENTRAL VALLEY WYE	CIVIL AND GRADE SEPARATION PLANS	GENERAL NOTES	
SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE				
CV-B4050-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 1 OF 4
CV-B4051-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 2 OF 4
CV-B4052-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 3 OF 4
CV-B4053-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 4 OF 4
CV-B0060-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 1 OF 6
CV-B0061-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 2 OF 6
CV-B0062-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 3 OF 6
CV-B0063-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 4 OF 6
CV-B0064-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 5 OF 6
CV-B0065-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 6 OF 6
CV-B0070-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 1 OF 4
CV-B0071-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 2 OF 4
CV-B0072-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 3 OF 4
CV-B0073-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 4 OF 4
CV-B0080-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 1 OF 3
CV-B0081-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 2 OF 3

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. WELLS
DRAWN BY W. JOHNSEN
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 09/09/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
CIVIL AND GRADE SEPARATION PLANS
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SCALE NO SCALE
SHEET NO.

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CV-B0082-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 3 OF 3
CV-S1010-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5338+00 TO 5394+00
CV-S1020-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5394+00 TO 5450+00
CV-S1030-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5450+00 TO 5506+00
CV-S1040-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5506+00 TO 5562+00
CV-S1050-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5562+00 TO 5618+00
CV-S1060-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5618+00 TO 5674+00
CV-S1070-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5674+00 TO 5730+00
CV-S1080-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5730+00 TO 5786+00
CV-S1090-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5786+00 TO 5842+00
CV-S1100-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5842+00 TO 5898+00
CV-S1110-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5898+00 TO 5954+00
CV-S1120-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5954+00 TO 6010+00
CV-S1130-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6010+00 TO 6066+00
CV-S1140-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6066+00 TO 6122+00
CV-S1150-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6122+00 TO 6178+00
CV-S1160-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6178+00 TO 6234+00
CV-S1161-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1170-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6234+00 TO 6290+00
CV-S1180-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6290+00 TO 6346+00
CV-S1190-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6346+00 TO 6402+00
CV-S1200-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6402+00 TO 6458+00
CV-S1210-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6458+00 TO 6514+00
CV-S1220-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6514+00 TO 6570+00
CV-S1230-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6570+00 TO 6626+00
CV-S1240-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6626+00 TO 6682+00
CV-S1241-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1250-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6682+00 TO 6738+00
CV-S1260-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6738+00 TO 6794+00
CV-S1270-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6794+00 TO 6850+00
CV-S1280-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6850+00 TO 6906+00
CV-S1290-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6906+00 TO 6962+00
CV-S1291-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1300-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6962+00 TO 7018+00
CV-S1310-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7018+00 TO 7074+00
CV-S1320-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7074+00 TO 7130+00
CV-S1330-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7130+00 TO 7170+92.61
CV-S1410-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14946+67.02 TO 14996+00
CV-S1420-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14996+00 TO 15052+00
CV-S1430-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15052+00 TO 15108+00
CV-S1440-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15108+00 TO 15164+00

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
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SCALE NO SCALE
SHEET NO.

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CV-S1450-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15164+00 TO 15220+00
CV-S1460-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15220+00 TO 15276+00
CV-S1470-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15276+00 TO 15332+00
CV-S1480-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15332+00 TO 15388+00
CV-S1490-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15388+00 TO 15444+00
CV-S1500-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15444+00 TO 15500+00
CV-S1510-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15500+00 TO 15556+00
CV-S1520-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15556+00 TO 15612+00
CV-S1530-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15612+00 TO 15655+00
CV-S1610-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36246+00 TO 36302+00
CV-S1620-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36302+00 TO 36358+00
CV-S1630-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36358+00 TO 36414+00
CV-S1631-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER ACCESS ROAD
CV-S1640-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36414+00 TO 36470+00
CV-S1650-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36470+00 TO 36526+00
CV-S1660-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36526+00 TO 36542+78.70
CV-R1030-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1031-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1032-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1033-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1050-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1051-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1090-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	COYOTE ROAD REALIGNMENT
CV-R1091-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	COYOTE ROAD REALIGNMENT
CV-R1100-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1101-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1102-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1103-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1104-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB OFF RAMP GRADE SEPARATION
CV-R1105-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB OFF RAMP GRADE SEPARATION
CV-R1106-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB ON RAMP GRADE SEPARATION
CV-R1107-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB ON RAMP GRADE SEPARATION
CV-R1108-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB OFF RAMP GRADE SEPARATION
CV-R1109-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB OFF RAMP GRADE SEPARATION
CV-R1110-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB LOOP ON RAMP
CV-R1111-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1112-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1160-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1161-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1162-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9
CV-R1163-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
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CV-R1164-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9
CV-R1165-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 EB OFF RAMP
CV-R1166-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 EB ON RAMP
CV-R1167-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 LOOP RAMP
CV-R1168-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 WB ON RAMP
CV-R1169-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 WB OFF RAMP
CV-R1190-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 12 GRADE SEPARATION
CV-R1191-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 12 GRADE SEPARATION
CV-R1192-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 12
CV-R1193-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 12
CV-R1194-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 12
CV-R1200-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1201-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1202-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1203-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB OFF RAMP
CV-R1204-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB LOOP RAMP
CV-R1205-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 WB ON RAMP
CV-R1210-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/ROBERTSON BLVD GRADE SEPARATION
CV-R1211-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/ROBERTSON BLVD GRADE SEPARATION
CV-R1212-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB ON RAMP
CV-R1213-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB ON RAMP
CV-R1214-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 WB OFF RAMP
CV-R1215-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	CATES COURT REALIGNMENT
CV-R1224-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1225-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1226-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1227-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB OFF RAMP
CV-R1228-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB OFF RAMP
CV-R1229-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 WB ON RAMP
CV-R1230-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 GRADE SEPARATION
CV-R1231-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 GRADE SEPARATION
CV-R1232-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB ON RAMP
CV-R1233-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB LOOP RAMP
CV-R1234-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 WB OFF RAMP
CV-R1235-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 CONNECTOR REALIGNMENT
CV-R1240-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1241-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1242-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1250-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	FAIRMEAD BOULEVARD REALIGNMENT
CV-R1260-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 20 GRADE SEPARATION
CV-R1261-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 20 GRADE SEPARATION

REV	DATE	BY	CHK	APP	DESCRIPTION

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DRAWN BY W. JOHNSEN
CHECKED BY J. RAY
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RECORD SET
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
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CV-R1280-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION
CV-R1281-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION
CV-R1290-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 22 REALIGNMENT
CV-R1310-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1311-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1312-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1313-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1314-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1320-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 REALIGNMENT
CV-R1321-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 REALIGNMENT
CV-R1450-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 25 GRADE SEPARATION
CV-R1470-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	VISTA AVENUE/ROAD 13 REALIGNMENT
CV-R1471-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	VISTA AVENUE/ROAD 13 REALIGNMENT
CV-R1480-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	CROSS ROAD REALIGNMENT
CV-R1481-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	CROSS ROAD REALIGNMENT
CV-R1482-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	CROSS ROAD REALIGNMENT
CV-R1490-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-R1491-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-R1492-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-R1630-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 23 1/2 GRADE SEPARATION
CV-R1631-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 23 1/2 GRADE SEPARATION
CV-R1640-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 13 REALIGNMENT
CV-R1641-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 13 REALIGNMENT
CV-I0001-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	GENERAL NOTES
CV-I4100-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 1 OF 4
CV-I4101-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 2 OF 4
CV-I4102-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 3 OF 4
CV-I4103-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 4 OF 4
CV-I4160-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 1 OF 4
CV-I4161-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 2 OF 4
CV-I4162-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 3 OF 4
CV-I4163-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 4 OF 4
CV-I4210-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 1 OF 5
CV-I4211-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 2 OF 5
CV-I4212-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 3 OF 5
CV-I4213-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 4 OF 5
CV-I4214-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 5 OF 5
CV-I4230-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 1 OF 4
CV-I4231-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 2 OF 4
CV-I4232-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 3 OF 4
CV-I4233-A	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 4 OF 4

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CV-B4050-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	KEY MAP	SHEET 1 OF 4
CV-B4051-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	KEY MAP	SHEET 2 OF 4
CV-B4052-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	KEY MAP	SHEET 3 OF 4
CV-B4053-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	KEY MAP	SHEET 4 OF 4
CV-B0060-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 1 OF 6
CV-B0061-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 2 OF 6
CV-B0062-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 3 OF 6
CV-B0063-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 4 OF 6
CV-B0064-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 5 OF 6
CV-B0065-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 6 OF 6
CV-B0070-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 1 OF 4
CV-B0071-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 2 OF 4
CV-B0072-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 3 OF 4
CV-B0073-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 4 OF 4
CV-B0080-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 1 OF 5
CV-B0081-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 2 OF 5
CV-B0082-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 3 OF 5
CV-B0083-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 4 OF 5
CV-B0084-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 5 OF 5
CV-S1010-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5338+00 TO 5394+00
CV-S1020-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5394+00 TO 5450+00
CV-S1030-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5450+00 TO 5506+00
CV-S1040-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5506+00 TO 5562+00
CV-S1050-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5562+00 TO 5618+00
CV-S1060-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5618+00 TO 5674+00
CV-S1070-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5674+00 TO 5730+00
CV-S1080-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5730+00 TO 5786+00
CV-S1090-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5786+00 TO 5842+00
CV-S1100-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5842+00 TO 5898+00
CV-S1110-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5898+00 TO 5954+00
CV-S1111-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1120-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5954+00 TO 6010+00
CV-S1130-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6010+00 TO 6066+00
CV-S1140-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6066+00 TO 6122+00
CV-S1150-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6122+00 TO 6178+00
CV-S1160-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6178+00 TO 6234+00
CV-S1161-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1170-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6234+00 TO 6290+00
CV-S1180-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6290+00 TO 6346+00
CV-S1190-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6346+00 TO 6402+00

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CV-S1191-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1200-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6402+00 TO 6458+00
CV-S1210-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6458+00 TO 6514+00
CV-S1220-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6514+00 TO 6570+00
CV-S1230-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6570+00 TO 6626+00
CV-S1240-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6626+00 TO 6682+00
CV-S1250-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6682+00 TO 6738+00
CV-S1260-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6738+00 TO 6794+00
CV-S1270-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6794+00 TO 6850+00
CV-S1280-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6850+00 TO 6906+00
CV-S1290-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6906+00 TO 6962+00
CV-S1300-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6962+00 TO 7018+00
CV-S1301-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1310-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7018+00 TO 7074+00
CV-S1320-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7074+00 TO 7130+00
CV-S1330-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7130+00 TO 7169+59.17
CV-S1410-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14715+51.00 TO 14771+00
CV-S1420-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14771+00 TO 14827+00
CV-S1430-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14827+00 TO 14883+00
CV-S1440-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14883+00 TO 14939+00
CV-S1450-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14939+00 TO 14995+00
CV-S1460-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14995+00 TO 15051+00
CV-S1470-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15051+00 TO 15107+00
CV-S1471-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1480-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15107+00 TO 15163+00
CV-S1490-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15163+00 TO 15219+00
CV-S1500-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15219+00 TO 15275+00
CV-S1510-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15275+00 TO 15331+00
CV-S1520-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15331+00 TO 15387+00
CV-S1530-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15387+00 TO 15443+00
CV-S1540-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15443+00 TO 15499+00
CV-S1550-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15499+00 TO 15555+00
CV-S1560-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15555+00 TO 15611+00
CV-S1570-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15611+00 TO 15655+00
CV-S1610-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36570+00 TO 36626+00
CV-S1620-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36626+00 TO 36682+00
CV-S1630-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36682+00 TO 36738+00
CV-S1640-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36738+00 TO 36794+00
CV-S1650-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36794+00 TO 36850+00
CV-S1660-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36850+00 TO 36857+29

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. WELLS
DRAWN BY W. JOHNSEN
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 09/09/2016

RECORD SET
15% DESIGN
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
CIVIL AND GRADE SEPARATION PLANS
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DRAWING NO.	SECTION	ALIGNMENT / PLAN SET	TITLE	DESCRIPTION
CV-R1030-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1031-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1032-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1033-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1050-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1051-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1090-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	COYOTE ROAD REALIGNMENT
CV-R1091-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	COYOTE ROAD REALIGNMENT
CV-R1100-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1101-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1102-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1103-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1104-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB OFF RAMP GRADE SEPARATION
CV-R1105-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB OFF RAMP GRADE SEPARATION
CV-R1106-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB ON RAMP GRADE SEPARATION
CV-R1107-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB ON RAMP GRADE SEPARATION
CV-R1108-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB OFF RAMP GRADE SEPARATION
CV-R1109-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB OFF RAMP GRADE SEPARATION
CV-R1110-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB LOOP ON RAMP
CV-R1111-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1112-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1160-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1161-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1162-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9
CV-R1163-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9
CV-R1164-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9
CV-R1165-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 EB OFF RAMP
CV-R1166-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 EB ON RAMP
CV-R1167-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 LOOP RAMP
CV-R1168-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 WB ON RAMP
CV-R1169-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 WB OFF RAMP
CV-R1190-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 12/ELM ROAD GRADE SEPARATION
CV-R1191-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 12/ELM ROAD GRADE SEPARATION
CV-R1200-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1201-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1202-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1203-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB OFF RAMP
CV-R1204-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB LOOP RAMP
CV-R1205-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 WB ON RAMP
CV-R1210-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/ROBERTSON BLVD GRADE SEPARATION
CV-R1211-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/ROBERTSON BLVD GRADE SEPARATION

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CV-R1212-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB ON RAMP
CV-R1213-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB ON RAMP
CV-R1214-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 WB OFF RAMP
CV-R1215-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	CATES COURT REALIGNMENT
CV-R1224-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1225-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1226-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1227-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB OFF RAMP
CV-R1228-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB OFF RAMP
CV-R1229-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 WB ON RAMP
CV-R1230-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/BERENDA WAY GRADE SEPARATION
CV-R1231-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/BERENDA WAY GRADE SEPARATION
CV-R1232-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB ON RAMP
CV-R1233-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB LOOP RAMP
CV-R1234-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 WB OFF RAMP
CV-R1235-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 CONNECTOR REALIGNMENT
CV-R1240-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1241-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1243-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 AT ROAD 17 1/2
CV-R1250-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	FAIRMEAD BOULEVARD REALIGNMENT
CV-R1260-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 20 GRADE SEPARATION
CV-R1261-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 20 GRADE SEPARATION
CV-R1280-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION
CV-R1281-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION
CV-R1310-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1311-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1312-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1313-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1314-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1320-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 REALIGNMENT
CV-R1321-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 REALIGNMENT
CV-R1420-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 19 1/2 AND FAIRLANE COURT REALIGNMENTS
CV-R1460-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 19 REALIGNMENT
CV-R1461-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 19 REALIGNMENT
CV-R1510-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	MINTURN ROAD/ROAD 15 GRADE SEPARATION
CV-R1511-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	MINTURN ROAD/ROAD 15 GRADE SEPARATION
CV-R1512-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	MINTURN ROAD/ROAD 15 GRADE SEPARATION
CV-R1513-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	PLAN AND PROFILE	FRONTAGE ROAD AT MINTURN ROAD
CV-I0001-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	GENERAL NOTES
CV-I4100-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 1 OF 4
CV-I4101-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 2 OF 4

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CV-I4102-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 3 OF 4
CV-I4103-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 4 OF 4
CV-I4160-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 1 OF 4
CV-I4161-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 2 OF 4
CV-I4162-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 3 OF 4
CV-I4163-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 4 OF 4
CV-I4210-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 1 OF 5
CV-I4211-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 2 OF 5
CV-I4212-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 3 OF 5
CV-I4213-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 4 OF 5
CV-I4214-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 5 OF 5
CV-I4230-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 1 OF 4
CV-I4231-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 2 OF 4
CV-I4232-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 3 OF 4
CV-I4233-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 4 OF 4
CV-I4520-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 99 TUNNEL STAGE 1 OF 4
CV-I4521-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 99 TUNNEL STAGE 2 OF 4
CV-I4522-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 99 TUNNEL STAGE 3 OF 4
CV-I4523-B	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 19 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 99 TUNNEL STAGE 4 OF 4
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CV-B4050-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 1 OF 4
CV-B4051-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 2 OF 4
CV-B4052-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 3 OF 4
CV-B4053-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	KEY MAP	SHEET 4 OF 4
CV-B0060-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 1 OF 2
CV-B0061-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 2 OF 2
CV-B0070-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 1 OF 4
CV-B0071-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 2 OF 4
CV-B0072-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 3 OF 4
CV-B0073-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 4 OF 4
CV-B0080-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 1 OF 2
CV-B0081-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 2 OF 2
CV-S1010-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5338+00 TO 5394+00
CV-S1020-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5394+00 TO 5450+00
CV-S1030-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5450+00 TO 5506+00
CV-S1031-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1040-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5506+00 TO 5562+00
CV-S1050-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5562+00 TO 5618+00
CV-S1060-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5618+00 TO 5674+00
CV-S1070-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5674+00 TO 5730+00
CV-S1080-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5730+00 TO 5786+00

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15% DESIGN
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NOT FOR
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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

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CV-S1100-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5842+00 TO 5898+00
CV-S1110-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5898+00 TO 5954+00
CV-S1120-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5954+00 TO 6010+00
CV-S1121-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1130-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6010+00 TO 6066+00
CV-S1140-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6066+00 TO 6122+00
CV-S1150-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6122+00 TO 6178+00
CV-S1160-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6178+00 TO 6234+00
CV-S1161-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1170-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6234+00 TO 6290+00
CV-S1180-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6290+00 TO 6346+00
CV-S1190-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6346+00 TO 6402+00
CV-S1200-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6402+00 TO 6458+00
CV-S1210-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6458+00 TO 6514+00
CV-S1220-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6514+00 TO 6570+00
CV-S1230-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6570+00 TO 6626+00
CV-S1231-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1240-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6626+00 TO 6682+00
CV-S1250-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6682+00 TO 6738+00
CV-S1260-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6738+00 TO 6794+00
CV-S1261-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1270-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6794+00 TO 6850+00
CV-S1280-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6850+00 TO 6906+00
CV-S1290-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6906+00 TO 6962+00
CV-S1291-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1300-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6962+00 TO 7018+00
CV-S1310-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7018+00 TO 7074+00
CV-S1320-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7074+00 TO 7130+00
CV-S1330-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7130+00 TO 7147+86.07
CV-S1410-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14840+00 TO 14896+00
CV-S1420-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14896+00 TO 14952+00
CV-S1430-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 14952+00 TO 15008+00
CV-S1440-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15008+00 TO 15064+00
CV-S1450-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15064+00 TO 15120+00
CV-S1460-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15120+00 TO 15176+00
CV-S1470-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15176+00 TO 15232+00
CV-S1480-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15232+00 TO 15288+00
CV-S1490-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15288+00 TO 15344+00
CV-S1500-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15344+00 TO 15400+00
CV-S1510-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15400+00 TO 15456+00

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. WELLS
DRAWN BY W. JOHNSEN
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 09/09/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
CIVIL AND GRADE SEPARATION PLANS
INDEX OF DRAWINGS
SHEET 11 OF 17

CONTRACT NO. HSR08-05
DRAWING NO. CV-B0012
SCALE NO SCALE
SHEET NO.

p0021811 MF-CV-B0013.dgn 06-SEP-2016 3:59

INDEX OF DRAWINGS				
DRAWING NO.	SECTION	ALIGNMENT / PLAN SET	TITLE	DESCRIPTION
CV-S1520-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15456+00 TO 15512+00
CV-S1530-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15512+00 TO 15568+00
CV-S1540-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15568+00 TO 15624+00
CV-S1550-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15624+00 TO 15655+00
CV-S1610-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36268+00 TO 36324+00
CV-S1620-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36324+00 TO 36380+00
CV-S1630-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36380+00 TO 36436+00
CV-S1640-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36436+00 TO 36492+00
CV-S1650-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36492+00 TO 36548+00
CV-S1660-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36548+00 TO 36567+19
CV-R1030-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1031-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1032-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1033-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1050-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1051-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1052-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HUTCHINS ROAD CONNECTOR
CV-R1053-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HUTCHINS ROAD REALIGNMENT
CV-R1054-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	HUTCHINS ROAD REALIGNMENT
CV-R1120-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1121-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1122-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/ LINCOLN ROAD CONNECTOR
CV-R1123-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 REALIGNMENT AT ROAD 4
CV-R1160-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1161-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1162-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/AVENUE 21 CONNECTOR
CV-R1180-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 REALIGNMENT AT ROAD 11
CV-R1200-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROBERTSON BLVD GRADE SEPARATION
CV-R1201-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROBERTSON BLVD GRADE SEPARATION
CV-R1202-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21/ROBERTSON BLVD CONNECTOR
CV-R1203-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 REALIGNMENT AT ROBERTSON BLVD
CV-R1220-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 REALIGNMENT AT ROAD 15
CV-R1230-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 GRADE SEPARATION
CV-R1231-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 GRADE SEPARATION
CV-R1260-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 19 GRADE SEPARATION
CV-R1261-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 19 GRADE SEPARATION
CV-R1262-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21/ROAD 19 CONNECTOR
CV-R1270-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	FAIRMEAD BOULEVARD REALIGNMENT
CV-R1290-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION
CV-R1291-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION
CV-R1292-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. WELLS
DRAWN BY W. JOHNSEN
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 09/09/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
CIVIL AND GRADE SEPARATION PLANS
INDEX OF DRAWINGS
SHEET 12 OF 17

CONTRACT NO. HSR08-05
DRAWING NO. CV-B0013
SCALE NO SCALE
SHEET NO.

p0021811 MF-CV-B0014.dgn 06-SEP-2016 4:00

INDEX OF DRAWINGS				
DRAWING NO.	SECTION	ALIGNMENT / PLAN SET	TITLE	DESCRIPTION
CV-R1300-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1301-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1310-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1311-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1430-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 14 GRADE SEPARATION
CV-R1431-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 14 GRADE SEPARATION
CV-R1432-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 1/2 GRADE SEPARATION
CV-R1433-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 1/2 GRADE SEPARATION
CV-R1470-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 25/WASHINGTON ROAD UNDERPASS
CV-R1471-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 13 REALIGNMENT
CV-R1490-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	VISTA AVENUE/ROAD 13 REALIGNMENT
CV-R1491-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	VISTA AVENUE/ROAD 13 REALIGNMENT
CV-R1500-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	CROSS ROAD REALIGNMENT
CV-R1501-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	CROSS ROAD REALIGNMENT
CV-R1502-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	CROSS ROAD REALIGNMENT
CV-R1510-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-R1511-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-R1512-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-R1630-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 1/2 SJD-MER GRADE SEPARATION
CV-R1631-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 21 1/2 SJD-MER GRADE SEPARATION
CV-R1632-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 12 CONNECTOR ROAD
CV-I0001-C	CENTRAL VALLEY WYE	AVENUE 21 TO ROAD 13 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	GENERAL NOTES
SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE				
CV-B4050-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	KEY MAP	SHEET 1 OF 4
CV-B4051-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	KEY MAP	SHEET 2 OF 4
CV-B4052-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	KEY MAP	SHEET 3 OF 4
CV-B4053-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	KEY MAP	SHEET 4 OF 4
CV-B0060-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 1 OF 6
CV-B0061-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 2 OF 6
CV-B0062-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 3 OF 6
CV-B0063-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 4 OF 6
CV-B0064-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 5 OF 6
CV-B0065-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	GEOMETRY DATA TABLE	SHEET 6 OF 6
CV-B0070-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 1 OF 4
CV-B0071-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 2 OF 4
CV-B0072-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 3 OF 4
CV-B0073-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	UTILITY CONFLICT TABLE	SHEET 4 OF 4
CV-B0080-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 1 OF 3
CV-B0081-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 2 OF 3
CV-B0082-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	TYPICAL SECTION	SHEET 3 OF 3

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. WELLS
DRAWN BY W. JOHNSEN
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IN CHARGE C. LEMLEY
DATE 09/09/2016

RECORD SET
15% DESIGN
SUBMITTAL

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
CIVIL AND GRADE SEPARATION PLANS
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SHEET 13 OF 17

CONTRACT NO. HSR08-05
DRAWING NO. CV-B0014
SCALE NO SCALE
SHEET NO.

p0021811 06-SEP-2016 4:00 MF-CV-B0015.dgn

INDEX OF DRAWINGS				
DRAWING NO.	SECTION	ALIGNMENT / PLAN SET	TITLE	DESCRIPTION
CV-S1010-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5338+00 TO 5394+00
CV-S1020-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5394+00 TO 5450+00
CV-S1030-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5450+00 TO 5506+00
CV-S1040-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5506+00 TO 5562+00
CV-S1050-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5562+00 TO 5618+00
CV-S1060-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5618+00 TO 5674+00
CV-S1070-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5674+00 TO 5730+00
CV-S1080-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5730+00 TO 5786+00
CV-S1090-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5786+00 TO 5842+00
CV-S1100-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5842+00 TO 5898+00
CV-S1110-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5898+00 TO 5954+00
CV-S1120-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 5954+00 TO 6010+00
CV-S1130-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6010+00 TO 6066+00
CV-S1140-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6066+00 TO 6122+00
CV-S1150-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6122+00 TO 6178+00
CV-S1160-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6178+00 TO 6234+00
CV-S1170-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6234+00 TO 6290+00
CV-S1180-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6290+00 TO 6346+00
CV-S1190-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6346+00 TO 6402+00
CV-S1200-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6402+00 TO 6458+00
CV-S1210-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6458+00 TO 6514+00
CV-S1220-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6514+00 TO 6570+00
CV-S1230-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6570+00 TO 6626+00
CV-S1240-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6626+00 TO 6682+00
CV-S1241-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1250-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6682+00 TO 6738+00
CV-S1260-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6738+00 TO 6794+00
CV-S1270-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6794+00 TO 6850+00
CV-S1280-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6850+00 TO 6906+00
CV-S1290-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6906+00 TO 6962+00
CV-S1291-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE ACCESS ROAD
CV-S1300-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 6962+00 TO 7018+00
CV-S1310-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7018+00 TO 7074+00
CV-S1320-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7074+00 TO 7130+00
CV-S1330-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-FRE STA 7130+00 TO 7170+94.51
CV-S1410-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15009+29.27 TO 15052+00
CV-S1420-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15052+00 TO 15108+00
CV-S1430-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15108+00 TO 15164+00
CV-S1440-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15164+00 TO 15220+00
CV-S1441-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE ACCESS ROAD

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. WELLS
DRAWN BY W. JOHNSEN
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 09/09/2016

RECORD SET
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
CIVIL AND GRADE SEPARATION PLANS
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CONTRACT NO. HSR08-05
DRAWING NO. CV-B0015
SCALE NO SCALE
SHEET NO.

p0021811 MF-CV-B0016.dgn 06-SEP-2016 4:00

INDEX OF DRAWINGS				
DRAWING NO.	SECTION	ALIGNMENT / PLAN SET	TITLE	DESCRIPTION
CV-S1450-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15220+00 TO 15276+00
CV-S1460-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15276+00 TO 15332+00
CV-S1470-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15332+00 TO 15388+00
CV-S1480-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15388+00 TO 15444+00
CV-S1490-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15444+00 TO 15500+00
CV-S1500-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15500+00 TO 15556+00
CV-S1510-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15556+00 TO 15612+00
CV-S1520-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	MER-FRE STA 15612+00 TO 15655+00
CV-S1610-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36134+00.59 TO 36184+00
CV-S1620-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36184+00 TO 36240+00
CV-S1630-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36240+00 TO 36296+00
CV-S1640-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36296+00 TO 36352+00
CV-S1650-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36352+00 TO 36408+00
CV-S1660-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	CIVIL PLAN	SJD-MER STA 36408+00 TO 36457+64.63
CV-R1030-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1031-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1032-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1033-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	HENRY MILLER ROAD REALIGNMENT
CV-R1050-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1051-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	INDIANA ROAD GRADE SEPARATION
CV-R1090-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	COYOTE ROAD REALIGNMENT
CV-R1091-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	COYOTE ROAD REALIGNMENT
CV-R1100-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1101-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1102-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1103-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 59
CV-R1104-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB OFF RAMP GRADE SEPARATION
CV-R1105-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB OFF RAMP GRADE SEPARATION
CV-R1106-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB ON RAMP GRADE SEPARATION
CV-R1107-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB ON RAMP GRADE SEPARATION
CV-R1108-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB OFF RAMP GRADE SEPARATION
CV-R1109-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 WB OFF RAMP GRADE SEPARATION
CV-R1110-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 59/SR 152 EB LOOP ON RAMP
CV-R1111-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1112-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 4/LINCOLN ROAD GRADE SEPARATION
CV-R1160-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1161-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/HEMLOCK ROAD GRADE SEPARATION
CV-R1162-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9
CV-R1163-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9
CV-R1164-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 9

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CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
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DRAWING NO. CV-B0016
SCALE NO SCALE
SHEET NO.

p0021811 06-SEP-2016 4:00 MF-CV-B0017.dgn

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DRAWING NO.	SECTION	ALIGNMENT / PLAN SET	TITLE	DESCRIPTION
CV-R1165-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 EB OFF RAMP
CV-R1166-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 EB ON RAMP
CV-R1167-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 LOOP RAMP
CV-R1168-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 WB ON RAMP
CV-R1169-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 9/SR 152 WB OFF RAMP
CV-R1190-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 12 GRADE SEPARATION
CV-R1191-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 12 GRADE SEPARATION
CV-R1192-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 12
CV-R1193-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 12
CV-R1194-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 12
CV-R1200-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1201-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1202-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT SR 233
CV-R1203-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB OFF RAMP
CV-R1204-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB LOOP RAMP
CV-R1205-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 WB ON RAMP
CV-R1210-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/ROBERTSON BLVD GRADE SEPARATION
CV-R1211-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/ROBERTSON BLVD GRADE SEPARATION
CV-R1212-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB ON RAMP
CV-R1213-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 EB ON RAMP
CV-R1214-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 233/SR 152 WB OFF RAMP
CV-R1224-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1225-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1226-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	SR 152 REALIGNMENT AT ROAD 16
CV-R1227-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB OFF RAMP
CV-R1228-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB OFF RAMP
CV-R1229-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 WB ON RAMP
CV-R1230-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 GRADE SEPARATION
CV-R1231-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 GRADE SEPARATION
CV-R1232-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB ON RAMP
CV-R1233-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 EB LOOP RAMP
CV-R1234-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16/SR 152 WB OFF RAMP
CV-R1235-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 16 CONNECTOR REALIGNMENT
CV-R1240-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1241-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1242-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 17 1/2 GRADE SEPARATION
CV-R1250-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	FAIRMEAD BOULEVARD REALIGNMENT
CV-R1260-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 20 GRADE SEPARATION
CV-R1261-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 20 GRADE SEPARATION
CV-R1280-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY S. WELLS
DRAWN BY W. JOHNSEN
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p0021811 07-SEP-2016 01:24 MF-CV-B0018.dgn

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CV-R1281-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 22 GRADE SEPARATION
CV-R1290-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 22 REALIGNMENT
CV-R1310-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1311-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1312-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 24 REALIGNMENT
CV-R1313-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1314-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 1/2 GRADE SEPARATION
CV-R1320-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 REALIGNMENT
CV-R1321-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 20 REALIGNMENT
CV-R1450-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 25 GRADE SEPARATION
CV-R1451-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 25 GRADE SEPARATION
CV-R1490-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ATHLONE ROAD REALIGNMENT
CV-R1491-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ATHLONE ROAD REALIGNMENT
CV-R1630-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 10 REALIGNMENT
CV-R1631-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 10 REALIGNMENT
CV-R1632-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 23 1/2 GRADE SEPARATION
CV-R1633-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	AVENUE 23 1/2 GRADE SEPARATION
CV-R1650-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-R1651-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	PLAN AND PROFILE	ROAD 11 REALIGNMENT
CV-I0001-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	GENERAL NOTES
CV-I4100-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 1 OF 4
CV-I4101-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 2 OF 4
CV-I4102-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 3 OF 4
CV-I4103-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 59/SR 152 STAGE 4 OF 4
CV-I4160-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 1 OF 4
CV-I4161-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 2 OF 4
CV-I4162-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 3 OF 4
CV-I4163-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 9/SR 152 STAGE 4 OF 4
CV-I4210-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 1 OF 5
CV-I4211-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 2 OF 5
CV-I4212-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 3 OF 5
CV-I4213-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 4 OF 5
CV-I4214-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	SR 233/SR 152 STAGE 5 OF 5
CV-I4230-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 1 OF 4
CV-I4231-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 2 OF 4
CV-I4232-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 3 OF 4
CV-I4233-D	CENTRAL VALLEY WYE	SR 152 (NORTH) TO ROAD 11 WYE ALTERNATIVE	STAGE CONSTRUCTION PLAN	ROAD 16/SR 152 STAGE 4 OF 4

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

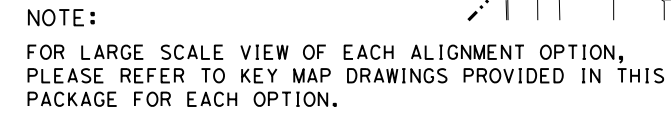
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SHEET 17 OF 17

CONTRACT NO. HSR08-05
DRAWING NO. CV-B0018
SCALE NO SCALE
SHEET NO.

p0042226 09-AUG-2016 08:56 MF-CV-B0021.dgn

O CONTINUED						P CONTINUED						S CONTINUED						T CONTINUED					
OC	OVERCROSSING					PVI	POINT OF VERTICAL INTERSECTION					SJM	SAN JOSE TO MERCED					TS	TRANSVERSE, TRAFFIC SIGNAL,				
OCS	OVERHEAD CONTACT SYSTEM					PVMT	PAVEMENT					SJV	SAN JOAQUIN VALLEY						TUBULAR STEEL, TANGENT SPIRAL POINT				
OD	OUTSIDE DIAMETER					PVT	POINT OF VERTICAL TANGENT					S	STATION LINE					TYP	TYPICAL				
OF	OUTSIDE FACE											SM	SELECTED MATERIAL										
OG	ORIGINAL GROUND											SPEC	SPECIAL, SPECIFICATIONS										
OGAC	OPEN GRADED ASPHALT CONCRETE					QTY	QUANTITY					SPP	SLOTTED PLASTIC PIPE					UC	UNDERCROSSING				
OH	OVERHEAD											SR	STATE ROUTE					UD	UNDERDRAIN				
O-O	OUT TO OUT											SRS	STANDALONE RADIO SITE					UON	UNLESS OTHERWISE NOTED				
OPP	OPPOSITE					R	RADIUS					SS	SLOPE STAKE, SUBSTATION					UP	UNDERPASS				
						R & D	REMOVE AND DISPOSE					SSBM	STRAP AND SADDLE BRACKET METHOD					UPRR	UNION PACIFIC RAILROAD				
						R & S	REMOVE AND SALVAGE					SSD	STRUCTURAL SECTION DRAIN					UXO	UNIVERSAL CROSSOVER				
P	PAGE					R/C	RATE OF CHANGE					SSPA	STRUCTURAL STEEL PLATE ARCH										
PAP	PERFORATED ALUMINUM PIPE					RCA	REINFORCED CONCRETE ARCH					SSPP	STRUCTURAL STEEL PLATE PIPE										
PB	PULL BOX, PHASE BREAK					RCB	REINFORCED CONCRETE BOX					SSPPA	STRUCTURAL STEEL PLATE PIPE ARCH					V	DESIGN SPEED, VALVE				
PC	POINT OF CURVATURE, PRECAST					RCP	REINFORCED CONCRETE PIPE					SSRP	STEEL SPIRAL RIB PIPE					VAR	VARIABLE				
PCC	POINT OF COMPOUND CURVE,					RCPA	REINFORCED CONCRETE PIPE ARCH					ST	STREET, SPIRAL TANGENT POINT					VC	VERTICAL CURVE				
	PORTLAND CEMENT CONCRETE					RD	ROAD					STA	STATION					VCP	VITRIFIED CLAY PIPE				
PCP	PERFORATED CONCRETE PIPE,					REINF	REINFORCED, REINFORCEMENT,					STBB	SINGLE THRIE BEAM BARRIER					VERT	VERTICAL				
	PRESTRESSED CONCRETE PIPE						REINFORCING					STD	STANDARD					VIA	VIADUCT				
PCVC	POINT OF COMPOUND VERTICAL CURVE					REL	RELOCATE					STR	STRUCTURE					VOL	VOLUME				
PED	PEDESTRIAN					REPL	REPLACEMENT					SURF	SURFACING										
PED OC	PEDESTRIAN OVERCROSSING					RET	RETAINING					SW	SIDEWALK, SOUND WALL										
PED UC	PEDESTRIAN UNDERCROSSING					REV	REVISED					SWR	SEWER					W	WEST, WIDTH				
PERM MTL	PERMEABLE MATERIAL					RDWY	ROADWAY					SWS	SWITCHING STATION					WB	WESTBOUND				
PG	PROFILE GRADE					RM	ROAD-MIXED					SYM	SYMMETRICAL					WCB	WORLD COORDINATE BEARING				
PG&E	PACIFIC GAS AND ELECTRIC					RP	RADIUS POINT,					S4S	SURFACE 4 SIDES					WH	WEEP HOLE				
PI	POINT OF INTERSECTION						REFERENCE POINT											WM	WIRE MESH				
PITO	POINT OF INTERSECTION TURNOUT					RR	RAILROAD											WS	WATER SURFACE				
PJP	PARTIAL JOINT PENETRATION					RSP	ROCK SLOPE PROTECTION					T	SEMI-TANGENT					WSP	WELDED STEEL PIPE				
PL, PL	PLATE					RT	RIGHT					TAB	TABLET					WT	WEIGHT				
P/L	PROPERTY LINE					RTE	ROUTE					TAN	TANGENT					WV	WATER VALVE				
PM	POST MILE,					RW	REDWOOD,					TBB	THRIE BEAM BARRIER					WW	WINGWALL				
	TIME FROM NOON TO MIDNIGHT						RETAINING WALL					TBD	TO BE DETERMINED					WWLOL	WINGWALL LAYOUT LINE				
PN	PAVING NOTCH					R/W	RIGHT-OF-WAY					TBR	TIMBER										
POB	POINT OF BEGINNING					RWY	RAILWAY					TC	TOP OF CURB, TRAIN CONTROL										
POC	POINT OF HORIZONTAL CURVE											TCB	TRAFFIC CONTROL BOX					X SEC	CROSS SECTION				
POE	POINT OF END											TCE	TEMPORARY CONSTRUCTION EASEMENT					XING	CROSSING				
POT	POINT OF TANGENT											TEL	TELEPHONE					XO	CROSSOVER				
POVC	POINT OF VERTICAL CURVE					S	SOUTH, SUPPLEMENT					TEMP	TEMPORARY										
PP	PIPE PILE, PLASTIC PIPE,					SAE	STRUCTURE APPROACH EMBANKMENT					TG	TOP OF GRADE										
	POWER POLE					SALV	SALVAGE					TM	TECHNICAL MEMORANDUM					YR	YEAR				
PPL	PREFORMED PERMEABLE LINER					SAPP	STRUCTURAL ALUMINUM PLATE PIPE					TO	TURNOUT					YRS	YEARS				
PPP	PERFORATED PLASTIC PIPE					SB	SOUTHBOUND					TOT	TOTAL										
PRC	POINT OF REVERSE CURVE					SC	SAND CUSHION, SPIRAL CURVE POINT					TP	TELEPHONE POLE										
PRF	PAVEMENT REINFORCING FABRIC					SCSP	SLOTTED CORRUGATED STEEL PIPE					TPB	TREATED PERMEABLE BASE										
PRVC	POINT OF REVERSE VERTICAL CURVE					SD	STORM DRAIN					TPF	TRACTION POWER FACILITY										
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES					SEC	SECOND, SECTION					TPM	TREATED PERMEABLE MATERIAL										
PS, P/S	POINT OF SWITCH, PRESTRESSED,					SEP	SEPARATION					TPSS	TRACTION POWER SUBSTATION										
	PARALLELING STATION					SG	SUBGRADE					T/R	TOP OF RAIL										
PSP	PERFORATED STEEL PIPE					SHLD	SHOULDER					TRANS	TRANSITION										
PT	POINT OF TANGENCY					SHT	SHEET					TRK	TRACK										
PVC	POLYVINYL CHLORIDE,					SIM	SIMILAR																
	POINT OF VERTICAL CURVE					SJD	SAN JOSE DIRIDON STATION																

						DESIGNED BY S. WELLS	RECORD SET 15% DESIGN SUBMITTAL			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE CIVIL AND GRADE SEPARATION PLANS ABBREVIATIONS SHEET 2 OF 2	CONTRACT NO. HSR08-05
						DRAWN BY W. JOHNSEN					DRAWING NO. CV-B0021
						CHECKED BY J. RAY					SCALE NO SCALE
						IN CHARGE C. LEMLEY					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 08/12/2016					

[illegible]

GENERAL NOTES:

1. DESIGN IS BASED ON THE FOLLOWING STANDARDS:
 - CALIFORNIA HIGH-SPEED RAIL AUTHORITY DIRECTIVE DRAWINGS FOR HIGH-SPEED RAIL PROJECT FACILITIES
 - CALTRANS HIGHWAY DESIGN MANUAL FOR STATE HIGHWAY FACILITIES
 - LOCAL AGENCY STANDARDS FOR ALL OTHER FACILITIES
2. THE HORIZONTAL CONTROL DATUM IS NAD 83. ALL ELEVATIONS ARE BASED ON NAVD 88.
3. ALL MAJOR UTILITIES ARE SHOWN ON THE PLANS. PLEASE REFERENCE THE SECTION UTILITY REPORT FOR A DISCUSSION OF HIGH VS. LOW RISK AND MINOR UTILITIES.
4. RETAINING WALL TYPES ARE NOT SHOWN DUE TO CURRENT LACK OF GEOTECHNICAL BORINGS. IT CAN BE ASSUMED FOR COST PURPOSES THAT ALL FILL RETAINING WALLS ARE MSE AND THAT ALL CUT RETAINING WALLS ARE SOIL NAIL. PRELIMINARY RETAINING WALL TYPES WILL BE FINALIZED BASED ON SUBSEQUENT GEOTECHNICAL EXPLORATION.
5. MAJOR WATERCOURSES, IRRIGATION CANALS, AND BODIES OF WATER ARE SHOWN ON THE PLANS. FOR FURTHER INFORMATION REGARDING DRAINAGE DESIGN, PLEASE REFER TO THE FOLLOWING:
 - HYDROLOGY AND HYDRAULICS REPORT
 - FLOODPLAIN IMPACTS ASSESSMENT REPORT
 - STORM WATER MANAGEMENT REPORT
 - STRUCTURE, VIADUCT AND TUNNEL PLANS (FOR FLOW DIRECTION)
6. WHERE PROPOSED ROADWAY R/W AND ROADWAY TCE LINES CROSS PERPENDICULAR TO EXISTING ROADWAY R/W LINES, IT IS ASSUMED THESE LINES SHOW A DEMARCATION OF CONSTRUCTION LIMITS. THEY ARE NOT INTENDED TO BE CONSTRUED AS A JURISDICTIONAL TRANSFER.
7. EMERGENCY VEHICLE ACCESS SHALL BE MAINTAINED AT ALL TIMES.
8. CUL-DE-SACS WERE DESIGNED BASED ON MERCED COUNTY STANDARD (ST-12).
9. METAL BEAM GUARD RAILING WAS DESIGNED PER CALTRANS STANDARD PLANS (A77) AND AASHTO ROADSIDE DESIGN GUIDE (TABLE 5-10).

p0042226 09-AUG-2016 08:56 MF-CV-B0030.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	S. WELLS
DRAWN BY	W. JOHNSEN
CHECKED BY	J. RAY
IN CHARGE	C. LEMLEY
DATE	08/12/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

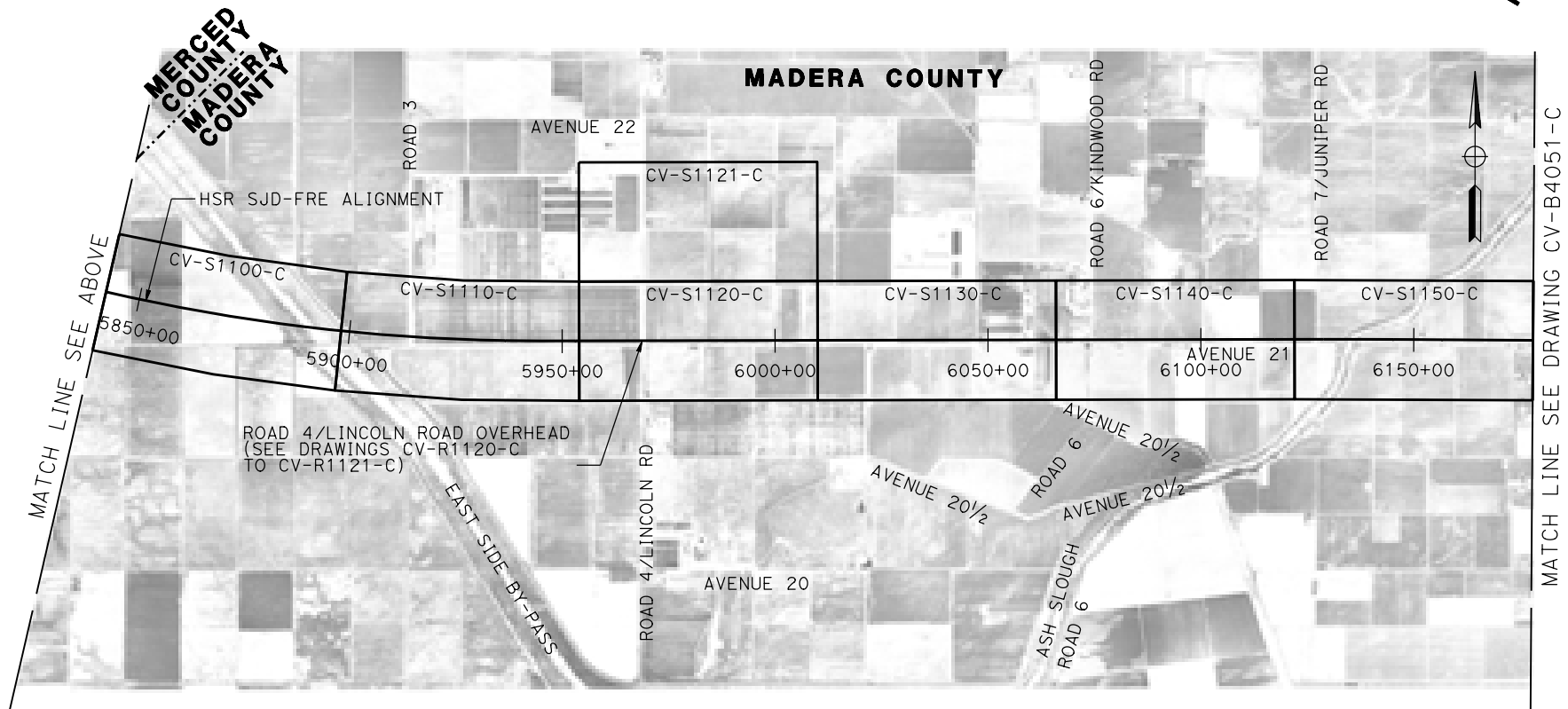
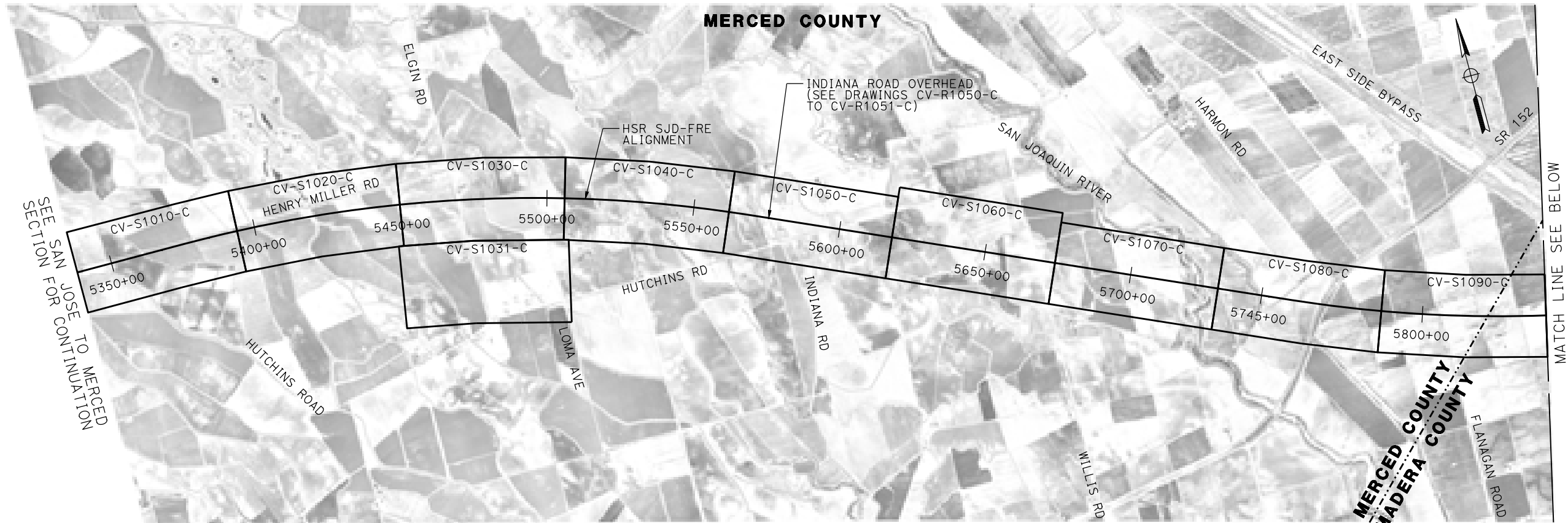


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
CIVIL AND GRADE SEPARATION PLANS
GENERAL NOTES

CONTRACT NO.	HSR08-05
DRAWING NO.	CV-B0030
SCALE	NO SCALE
SHEET NO.	

p005133A 18-MAR-2016 13:45 MF-CV-B4050-C.dgn



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA

DRAWN BY
M. TACTAY

CHECKED BY
J. RAY

IN CHARGE
C. LEMLEY

DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

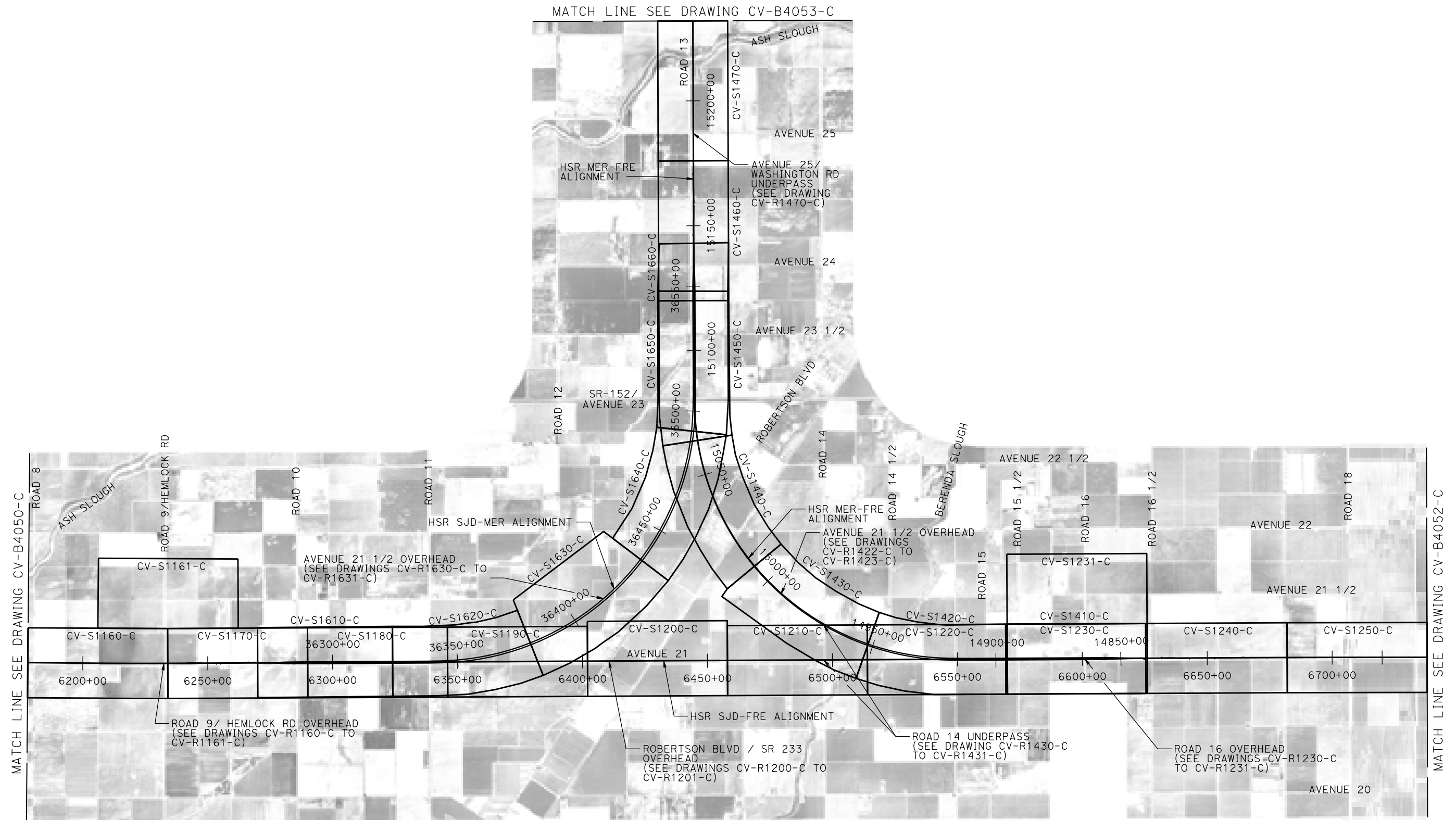
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
KEY MAP
SHEET 1 OF 4

CONTRACT NO.
HSR08-05

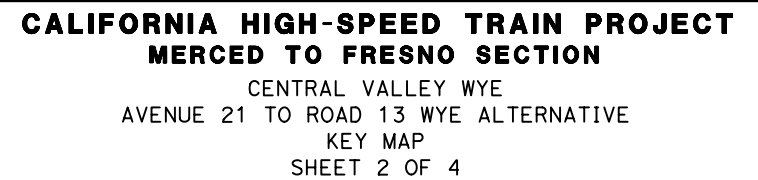
DRAWING NO.
CV-B4050-C

SCALE
NTS

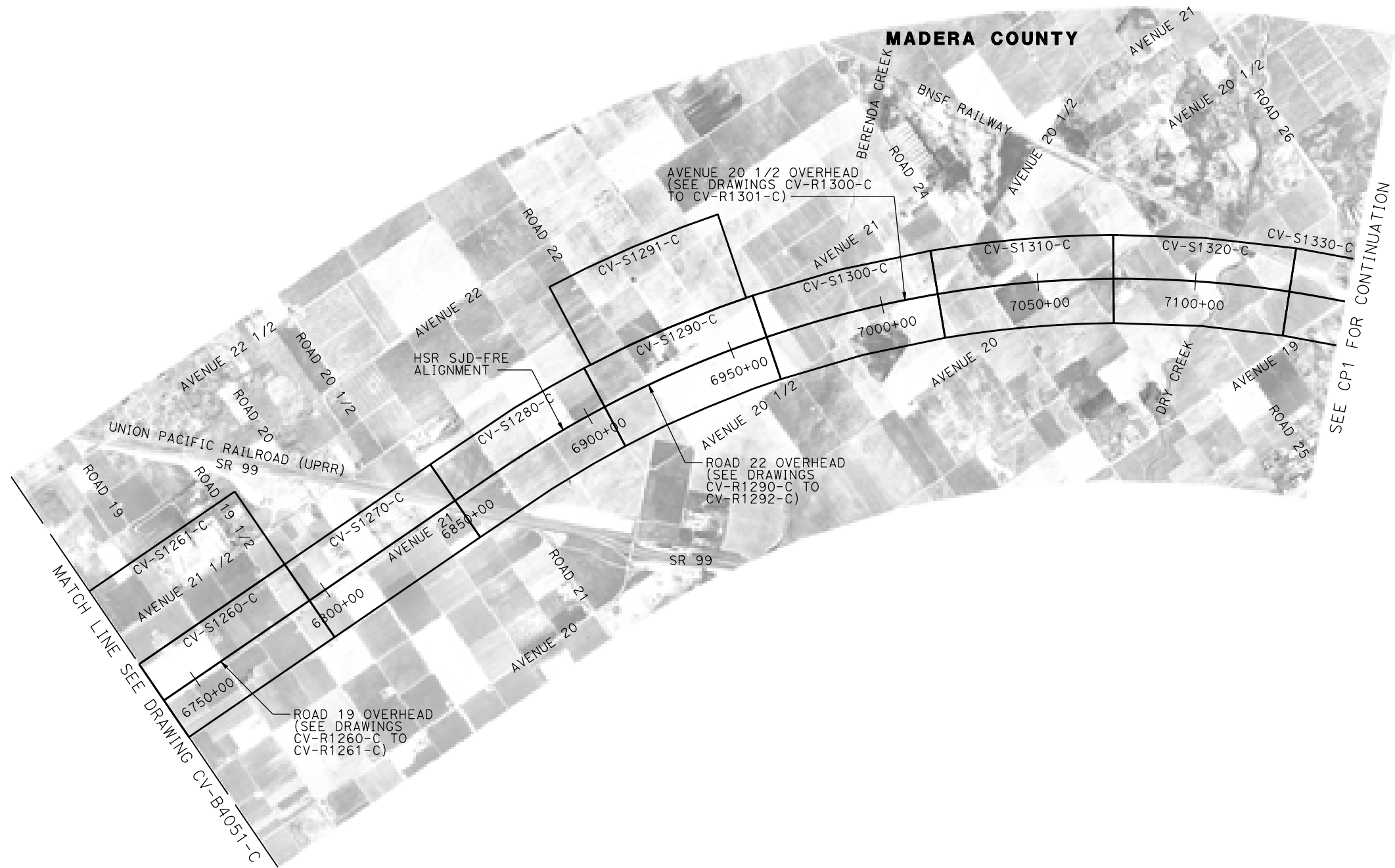
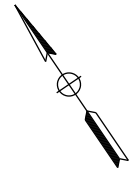
SHEET NO.



DESIGNED BY	A. GURA
DRAWN BY	M. TACTAY
CHECKED BY	J. RAY
IN CHARGE	C. LEMLEY
DATE	03/18/2016



CONTRACT NO.	HSR08-05
DRAWING NO.	CV-B4051-C
SCALE	NTS
SHEET NO.	



p0042226 17-MAR-2016 06:34 MF-CV-B4052-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

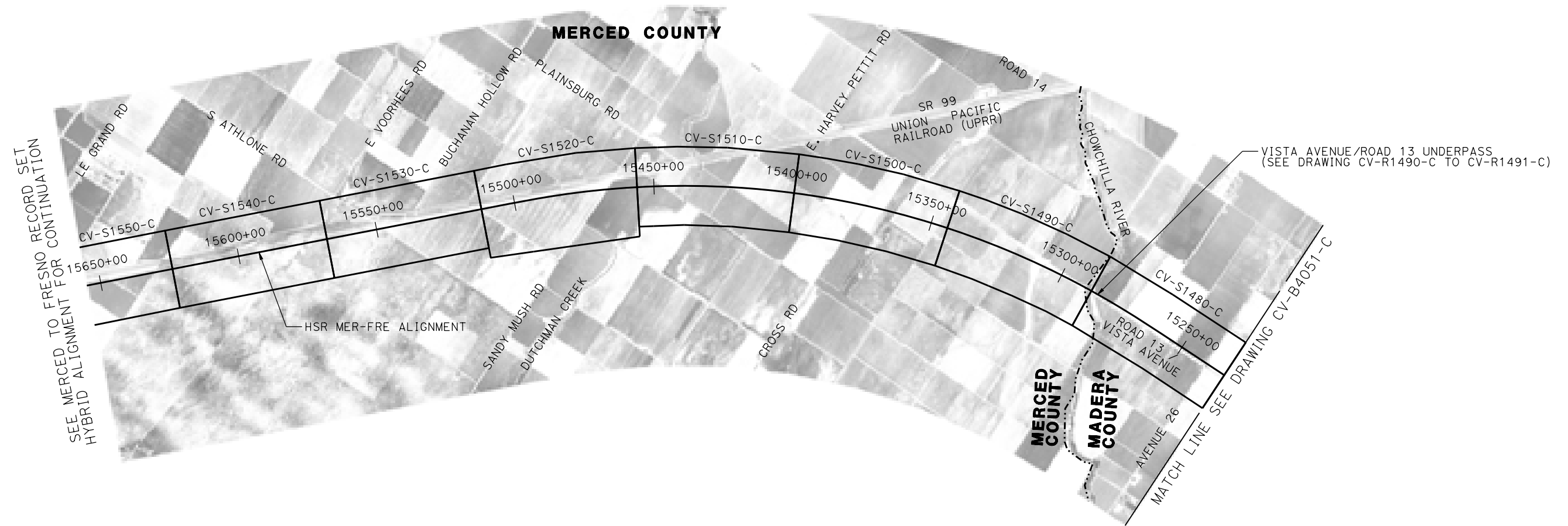
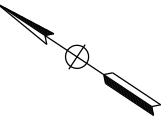
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
KEY MAP
SHEET 3 OF 4

CONTRACT NO. HSR08-05
DRAWING NO. CV-B4052-C
SCALE NTS
SHEET NO.



09-MAR-2016 8:05 MF-CV-B4053-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
KEY MAP
SHEET 4 OF 4

CONTRACT NO. HSR08-05
DRAWING NO. CV-B4053-C
SCALE NTS
SHEET NO.

p005133g 02-NOV-2015 3:43 MF-CV-B0060-C.dgn

ROAD "ALIGNMENT NAME"	CURVE NO.		BC	PI	CC	EC	RADIUS (FT)	DELTA Δ	DEGREE OF CURVATURE (ARC)	LENGTH (FT)	TANGENT (FT)
HENRY MILLER ROAD "HENRY MILLER RD" LINE	030-01	STATION	101+82.49	104+30.79		106+73.61	1,350.00	20°50'37"	4°14'39"	491.11	248.30
		NORTHING	1858106.10	1858106.10	1859456.10	1858194.45		LEFT			
		EASTING	6530784.00	6531032.30	6530784.00	6531264.35					
INDIANA ROAD "INDIANA RD" LINE	050-01	STATION	11+95.37	13+78.12		15+60.27	2,600.00	8°02'29"	2°12'13"	364.90	182.75
		NORTHING	1851920.26	1852100.75	1852327.66	1852283.48		RIGHT			
		EASTING	6532535.05	6532506.42	6535102.94	6532503.31					
	050-02	STATION	23+89.97	28+74.96		33+59.66	16,000.00	3°28'21"	0°21'29"	969.69	484.99
		NORTHING	1853113.06	1853597.98	1852841.18	1854081.52		LEFT			
		EASTING	6532489.21	6532480.97	6516491.52	6532443.38					
	050-03	STATION	45+33.86	47+11.74		48+85.93	1,000.00	20°10'20"	5°43'46"	352.07	177.88
		NORTHING	1855252.18	1855429.52	1855329.70	1855600.74		RIGHT			
		EASTING	6532352.35	6532338.56	6533349.34	6532386.77					
HUTCHINS ROAD "HUTCHINS RD" LINE	051-01	STATION	11+50.00	13+00.00		13+85.62	150.00	90°00'00"	38°11'50"	235.62	150.00
		NORTHING	1855027.31	1855034.86	1854877.50	1854885.05		RIGHT			
		EASTING	6532520.23	6532670.04	6532527.79	6532677.60					
	051-02	STATION	23+02.53	26+55.17		29+35.19	575.00	63°02'29"	9°57'52"	632.66	352.65
		NORTHING	1853969.31	1853617.11	1853998.27	1853473.27		LEFT			
		EASTING	6532723.77	6532741.53	6533298.04	6533063.51					
	051-03	STATION	44+13.39	46+31.37		48+42.63	1,000.00	24°35'36"	5°43'46"	429.24	217.98
		NORTHING	1852870.34	1852781.43	1853783.37	1852783.41		LEFT			
		EASTING	6534413.16	6534612.18	6534821.05	6534830.15					
ROAD 4/LINCOLN ROAD CONNECTOR "RD 4/LINCOLN RD CONNECTOR" LINE	120-01	STATION	11+23.29	14+73.29		16+73.07	350.00	90°00'00"	16°22'13"	549.78	350.00
		NORTHING	1841235.50	1841235.50	1841585.50	1841585.50		RIGHT			
		EASTING	6569280.55	6568930.55	6569280.55	6568930.55					
AVENUE 21 AT LINCOLN RD "AVE 21" LINE	121-01	STATION	11+28.68	12+11.00		12+93.27	2,800.00	3°22'04"	2°02'47"	164.58	82.32
		NORTHING	1842334.23	1842334.23	1845134.23	1842339.06		LEFT			
		EASTING	6568959.24	6569041.55	6568959.24	6569123.72					
	121-02	STATION	15+53.44	16+40.16		17+26.83	2,800.00	3°32'53"	2°02'47"	173.39	86.72
		NORTHING	1842354.35	1842359.44	1839559.18	1842359.17		RIGHT			
		EASTING	6569383.45	6569470.02	6569547.94	6569556.74					
ROAD 9/HEMLOCK ROAD CONNECTOR "RD 9/AVE 21 CONNECTOR " LINE	160-01	STATION	11+23.05	14+73.05		16+72.83	350.00	90°00'00"	16°22'13"	549.78	350.00
		NORTHING	1841197.27	1841197.27	1841547.27	1841547.27		RIGHT			
		EASTING	6595679.82	6595329.82	6595679.82	6595329.82					
AVENUE 21 AT ROAD 11 "AVE 21 A" LINE	180-01	STATION	11+00.00	12+38.56		13+77.10	10,000.00	1°35'16"	0°34'23"	277.10	138.56
		NORTHING	1842295.66	1842296.14	1832295.72	1842292.78		RIGHT			
		EASTING	6604630.03	6604768.59	6604664.57	6604907.11					
	180-02	STATION	14+85.57	16+51.49		18+17.38	10,000.00	1°54'04"	0°34'23"	331.82	165.92
		NORTHING	1842290.15	1842286.12	1852287.21	1842287.60		LEFT			
		EASTING	6605015.54	6605181.41	6605258.07	6605347.33					
	180-03	STATION	35+68.54	36+91.82		38+15.08	10,000.00	1°24'45"	0°34'23"	246.53	123.27
		NORTHING	1842303.23	1842304.34	1852302.84	1842308.47		LEFT			
		EASTING	6607098.42	6607221.69	6607009.16	6607344.89					
	180-04	STATION	38+38.62	39+89.05		41+39.46	10,000.00	1°43'25"	0°34'23"	300.84	150.43
		NORTHING	1842309.26	1842314.31	1832314.90	1842314.84		RIGHT			
		EASTING	6607368.42	6607518.77	6607704.15	6607669.20					
ROBERTSON BOULEVARD/AVENUE 21 CONNECTOR "AVE 21/ROBERTSON BLVD CONNECTOR" LINE	200-01	STATION	15+52.51	17+11.17		18+44.40	300.00	55°44'48"	19°05'55"	291.89	158.66
		NORTHING	1841780.38	1841621.72	1841780.38	1841532.41		LEFT			
		EASTING	6612403.21	6612403.21	6612703.21	6612534.36					

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 10/30/2015

RECORD SET 15% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE GEOMETRY DATA TABLE SHEET 1 OF 2
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CONTRACT NO. HSR08-05
DRAWING NO. CV-B0060-C
SCALE NO SCALE
SHEET NO.

MF-CV-B0061-C.dgn

02-NOV-2015 3:43

p005133g

ROAD "ALIGNMENT NAME"	CURVE NO.		BC	PI	CC	EC	RADIUS (FT)	DELTA Δ	DEGREE OF CURVATURE (ARC)	LENGTH (FT)	TANGENT (FT)
AVENUE 21 AT ROAD 15 "AVE 21 C" LINE	220-01	STATION	228+88.89	230+74.29		232+59.66	10,000.00	2°07'28"	0°34'23"	370.77	185.41
		NORTHING	1842398.21	1842399.03	1832398.31	1842392.97		RIGHT			
		EASTING	6626423.42	6626608.82	6626467.43	6626794.13					
	220-02	STATION	232+59.66	234+81.77		237+03.81	10,000.00	2°32'41"	0°34'23"	444.15	222.11
		NORTHING	1842392.97	1842385.71	1852387.63	1842388.32		LEFT			
		EASTING	6626794.13	6627016.13	6627120.83	6627238.22					
	220-03	STATION	239+11.91	239+54.41		239+78.38	42.00	90°40'21"	136°25'07"	66.47	42.50
		NORTHING	1842390.76	1842391.26	1842348.77	1842348.77		RIGHT			
		EASTING	6627446.31	6627488.80	6627446.80	6627488.80					
AVENUE 21/ROAD 19 CONNECTOR "AVE 21/RD 19 CONNECTOR" LINE	260-01	STATION	19+03.29	22+06.49		23+77.71	300.00	90°36'31"	19°05'55"	474.42	303.20
		NORTHING	1841567.77	1841567.59	1841867.77	1841870.78		RIGHT			
		EASTING	6647623.95	6647320.75	6647623.77	6647323.79					
FAIRMEAD BOULEVARD "FAIRMEAD BLVD" LINE	270-01	STATION	11+99.84	13+12.33		14+24.71	3,000.00	4°17'41"	1°54'35"	224.87	112.49
		NORTHING	1843187.82	1843107.76	1845295.19	1843033.84		LEFT			
		EASTING	6657022.60	6657101.62	6659157.78	6657186.41					
	270-02	STATION	17+21.37	19+48.86		21+75.47	3,000.00	8°40'22"	1°54'35"	454.11	227.49
		NORTHING	1842838.90	1842689.41	1840577.55	1842515.77		RIGHT			
		EASTING	6657410.03	6657581.50	6655438.66	6657728.48					
	270-03	STATION	24+57.83	25+72.50		26+87.07	3,000.00	4°22'41"	1°54'35"	229.24	114.68
		NORTHING	1842300.26	1842212.73	1844238.49	1842131.11		LEFT			
		EASTING	6657910.90	6657984.99	6660200.72	6658065.54					
ROAD 22 "RD 22" LINE	290-01	STATION	106+74.93	116+26.82		125+18.43	3,000.00	35°12'30"	1°54'35"	1,843.50	951.90
		NORTHING	1840364.13	1841031.44	1842503.50	1841968.05		LEFT			
		EASTING	6663448.15	6664126.97	6661345.04	6664296.87					
	290-02	STATION	144+11.01	146+98.96		149+85.15	3,000.00	10°57'55"	1°54'35"	574.14	287.95
		NORTHING	1843830.24	1844113.57	1844365.69	1844401.50		LEFT			
		EASTING	6664634.66	6664686.05	6661682.83	6664682.62					
ROAD 24 "RD 24" LINE	310-01	STATION	12+30.56	17+58.71		20+72.21	550.00	87°40'39"	10°25'03"	841.64	528.15
		NORTHING	1839687.15	1839159.01	1839689.16	1839139.53		LEFT			
		EASTING	6672240.78	6672242.70	6672790.77	6672770.49					
	310-02	STATION	34+37.65	45+85.82		52+69.64	1,200.00	87°28'16"	4°46'29"	1,831.99	1,148.17
		NORTHING	1839089.18	1839046.84	1837890.00	1837898.70		RIGHT			
		EASTING	6674135.00	6675282.39	6674090.75	6675290.72					
VISTA AVENUE/ROAD 13 REALIGNMENT "VISTA AV" LINE	490-01	STATION	112+46.35	115+35.02		118+16.72	1,500.00	21°47'11"	3°49'11"	570.36	288.67
		NORTHING	1873944.61	1874233.28	1873937.52	1874500.82		LEFT			
		EASTING	6616773.38	6616772.01	6615273.40	6616663.61					
	490-02	STATION	122+74.47	127+94.78		132+56.36	1,200.00	46°52'55"	4°46'29"	981.89	520.31
		NORTHING	1874925.07	1875407.29	1875375.71	1875879.52		RIGHT			
		EASTING	6616491.71	6616296.32	6617603.88	6616514.76					
	490-03	STATION	135+77.46	138+44.54		141+03.06	1,200.00	25°05'44"	4°46'29"	525.60	267.08
		NORTHING	1876170.95	1876413.35	1876674.76	1876680.43		LEFT			
		EASTING	6616649.57	6616761.70	6615560.45	6616760.44					
AVENUE 21 1/2 (SJD-MER) "AVE 21 1/2 SJD-MER" LINE	630-01	STATION	23+45.00	29+33.22		34+85.88	1,900.00	34°24'14"	3°00'56"	1,140.87	588.22
		NORTHING	1844977.93	1844977.93	1843077.93	1844645.57		RIGHT			
		EASTING	6611611.05	6612199.27	6611611.05	6612684.59					

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 10/30/2015

**RECORD SET
15% DESIGN
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION**

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
GEOMETRY DATA TABLE
SHEET 2 OF 2



CONTRACT NO. HSR08-05
DRAWING NO. CV-B0061-C
SCALE NO SCALE
SHEET NO.

MF-CV-B0070-C.dgn
03-FEB-2015 14:02
p0035126

Utility Type	Conflict ID #	Utility	Description	Approximate Location of Conflict	Potential Project Impact	Sheet #
Electrical Utility >60KV	JVC-2	Electric Overhead	115 KV, east side of Flanagan Road	5805+70	High Risk	CV-S1090-C
	JVC-3	Electric Overhead	70 KV, west side of Road 4 / Lincoln Road	5968+85		CV-S1120-C to CV-S1121-C
	JVC-61	Electric Overhead	115 KV PG&E Dairyland Substation; NE side of Avenue 21	6424+50 to 6426+80		CV-S1200-C
	JVC-62	Electric Overhead	115 KV east side of Berenda Canal	6428+00		CV-S1200-C
	WYH-7	Electric Overhead	230 KV, Diagonal at Avenue 20 1/2 and Road 24	7020+50		CV-S1300-C to CV-S1310-C
	WYH-13	Electric Overhead	115 KV, SW side of Avenue 21	6424+00		CV-S1200-C
			115 KV, crossing Avenue 21 to substation	6424+50		CV-S1200-C
	WYH-13	Electric Overhead	115 KV	36391+50		CV-S1630-C
	WYH-14	Electric Overhead	115 KV west side of Berenda Canal	6425+50		CV-S1200-C
	WYH-2	Electric Overhead	115 KV, west side of Road 13	36473+00 to 36502+00		CV-S1640-C to CV-S1650-C
	WYH-15	Electric Overhead	115 KV, south side of Avenue 26	15239+50		CV-S1480-C
	WYH-16	Electric Overhead	115 KV, north side of Sandy Mush Rd	15467+80		CV-S1520-C
Natural Gas Line	G51	Natural Gas	12" line on west side of Fairmead Blvd	6849+60	High Risk	CV-S1270-C to CV-S1280-C
	G52	Natural Gas	8" line on west side of Fairmead Blvd	6849+40		CV-S1270-C to CV-S1280-C
	G30	Natural Gas	12" line west side of UPRR	15476+75 to 15665+00		CV-S1520-C to CV-S1550-C
	WYH-8	Natural Gas	4" feeder main on west side of Road 22	6921+20		CV-S1290-C to CV-S1291-C
	G4	Natural Gas	4" feeder line on west side of Road 4 (Lincoln Rd)	Approximately 5968+00		CV-S1120-C to CV-S1121-C
	JVC-8	Challenger Pipeline	8-inch, high pressure natural gas gathering steel line on west side of Flanagan Road	5805+40		CV-S1090-C
Petroleum Products	P2	Petroleum	12.75" O.D. high pressure, west side of UPRR	6848+30	High Risk	CV-S1270-C to CV-S1280
Water Infrastructure	JVC-65	Irrigation Ditch #40	Unknown flow, irrigation infrastructure	5348+00	Low Risk	CV-S1010-C
	JVC-66	West San Juan Drain No. 1	Max flow - 20 cfs, irrigation infrastructure	5361+10		CV-S1010-C
	JVC-137	Irrigation Ditch #41	Unknown flow, irrigation infrastructure	5378+75		CV-S1010-C
	JVC-38	Irrigation Ditch #42	Unknown flow, irrigation infrastructure	5391+70		CV-S1010-C
	JVC-39	San Juan Canal	Max flow - 80 cfs, irrigation infrastructure	5400+00		CV-S1020-C
	JVC-40	San Juan Drain	Unknown flow, irrigation infrastructure	5419+50		CV-S1020-C
	JVC-85	Irrigation Ditch #43	Max flow - 80 cfs, irrigation infrastructure	5429+00		CV-S1020-C

NOTES:

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2. REFER TO THE 15% UTILITY REPORT FOR ADDITIONAL UTILITY INFORMATION.
3. REFER TO THE 15% HYDROLOGY AND HYDRAULICS REPORT FOR ADDITIONAL WATER CROSSING INFORMATION.



						DESIGNED BY D.SCHWANIK	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE UTILITY CONFLICT TABLE SHEET 1 OF 4	CONTRACT NO. HSR08-05
						DRAWN BY M. TACTAY					DRAWING NO. CV-B0070-C
						CHECKED BY A. GURA					SCALE NO SCALE
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 02/13/2015					
REV	DATE	BY	CHK	APP	DESCRIPTION						

03-FEB-2015 4:03 MF-CV-B0071-C.dgn p0035126

Utility Type	Conflict ID #	Utility	Description	Approximate Location of Conflict	Potential Project Impact	Sheet #
Water Infrastructure	JVC-41	Temple Santa Rita Canal	Unknown flow, irrigation infrastructure	5439+90	Low Risk	CV-S1020-C
	JVC-42	West Santa Rita Drain		5448+35		CV-S1020-C
	JVC-67	Drain No. 2		5495+85		CV-S1030-C
	JVC-68	Escano Branch Ditch		5504+80		CV-S1030-C
	JVC-138	Drain No. 3		5515+75		CV-S1040-C
	JVC-69	Escano Ditch		5518+70		CV-S1040-C
	JVC-45	Orchard Ditch		5525+60		CV-S1040-C
	JVC-70	Santa Rita Slough		5528+45		CV-S1040-C
	JVC-71	Santa Rita Drain No. 1		5531+30		CV-S1040-C
	JVC-72	Drain No. 4		5540+80		CV-S1040-C
	JVC-73	Santa Rita Drain No. 1A		5563+60		CV-S1050-C
	JVC-86	Drain No. 5		5571+50		CV-S1050-C
	JVC-140	Irrigation Ditch #55		5575+00		CV-S1050-C
	JVC-88	Santa Rita Ditch		5575+50		CV-S1050-C
	JVC-139	Island Field Drain No. 1		5596+60		CV-S1050-C
	JVC-87	Island Field Drain		5609+25		CV-S1050-C
	JVC-12	Lucerne Ditch		5636+10		CV-S1060-C
	JVC-13	Wood Slough		5647+15		CV-S1060-C
	JVC-89	Drain No. 6	Unknown flow, irrigation infrastructure	5648+35		CV-S1060-C
	JVC-141	Irrigation Ditch #67		5656+75		CV-S1060-C
	JVC-89	Drain No. 6		5682+35		CV-S1070-C
	JVC-91	Irrigation Ditch #68		5696+35		CV-S1070-C
	JVC-74	Riverside Canal		5721+00		CV-S1070-C
	JVC-98	San Joaquin River	N/A	5722+10 to 5724+15		CV-S1070-C
	JVC-99	Irrigation Ditch #46	Unknown flow, irrigation infrastructure	5725+30		CV-S1070-C
	JVC-100	Fresno River	N/A	5743+35		CV-S1080-C
	JVC-101	Mariposa Slough		5744+55		CV-S1080-C
	JVC-101	Mariposa Slough		5751+80		CV-S1080-C
	JVC-15	Eastside Bypass		5882+80 to 5897+95		CV-S1100-C to CV-S1110-C
	JVC-146	Irrigation Canal #71	Unknown flow, irrigation infrastructure	5969+15		CV-S1120-C

NOTES:

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								DESIGNED BY D.SCHWANIK	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE UTILITY CONFLICT TABLE SHEET 2 OF 4	CONTRACT NO. HSR08-05
							DRAWN BY M. TACTAY	DRAWING NO. CV-B0071-C					
							CHECKED BY A. GURA	SCALE NO SCALE					
							IN CHARGE C. LEMLEY	SHEET NO.					
							DATE 02/13/2015						
REV	DATE	BY	CHK	APP			DESCRIPTION						

MF-CV-B0072-C.dgn
03-FEB-2015 14:03
p0035126

Utility Type	Conflict ID #	Utility	Description	Approximate Location of Conflict	Potential Project Impact	Sheet #
Water Infrastructure	JVC-46	Chowchilla Canal	Unknown flow, irrigation infrastructure, concrete lined	6047+00	Low Risk	CV-S1130-C
	JVC-75	Hughes Canal	Unknown flow, irrigation infrastructure	6047+00 to 6071+60		CV-S1130-C to CV-S1140-C
	JVC-75	Hughes Canal		6100+50		CV-S1140-C
	JVC-75	Hughes Canal	Buried irrigation infrastructure, unknown flow, located on east side of Road 7/Juniper Road	6126+70		CV-S1150-C
	JVC-77	Ash Slough	N/A	6133+80 to 6137+15		CV-S1150-C
	JVC-142	Ashview Lat A	Buried irrigation infrastructure, unknown flow, west side of Road 9 / Hemlock Rd	6232+35		CV-S1160-C
	JVC-79	Ashview Canal	Irrigation infrastructure, north side of Avenue 21	6272+00 to 6285+00		CV-S1170-C
	JVC-79	Ashview Canal	Max flow - 320 cfs, irrigation infrastructure, east side of Road 10	6285+85		CV-S1170-C
	JVC-80	Road 11 Canal	Max flow - 24 cfs, irrigation infrastructrue, east side of Road 11	6338+60		CV-S1180-C
	JVC-81	No. 12 Pipeline	Buried irrigation infrastructure, unknown flow	6371+00		CV-S1190-C
	JVC-81	No. 12 Pipeline	Buried irrigation infrastructure, unknown flow	36371+50		CV-S1620-C
	JVC-82	Bethel Canal	Max flow - 40 cfs, irrigation infrastructure	6409+30		CV-S1200-C
	JVC-133	Berenda Canal	Max flow - 875 cfs, irrigation infrastructure	6427+40		CV-S1200-C
	JVC-83	Dairy Pipeline	Buried irrigation infrastructure, unknown flow	6450+40		CV-S1200-C
	JVC-117	Central P.L.	42" buried irrigation infrastructure, unkown flow, east side of Road 14	6496+15		CV-S1210-C
	JVC-111	Berenda Slough	N/A	6519+70 to 6521+25		CV-S1220-C
	JVC-114	Lat 2.5	Unknown flow, irrigation infrastructure	6536+25		CV-S1220-C
	JVC-78	Califa Canal Spill	Max flow - 320 cfs, Irrigation infrastructure, west side of Road 15 1/2	6574+15		CV-S1230-C
	JVC-113	Califa Canal	Unknown flow, irrigation infrastructure	6653+50		CV-S1240-C
	JVC-123	32.2-9.9-2.0	Max flow - 320 cfs, Irrigation infrastructure	6680+35		CV-S1240-C
	JVC-124	32.2-9.9	Max flow - 990 cfs, Irrigation infrastructure east side of Road 18	6706+65		CV-S1250-C
	JVC-125	32.2-9.9-1.5	Max flow - 600 cfs, Irrigation infrastructure, east side of Road 18 1/2	6733+60		CV-S1250-C
	JVC-126	32.2-9.9-1.0	Max flow - 600 cfs, Irrigation infrastructure, east side of Road 19	6760+15		CV-S1260-C
	JVC-127	32.2-9.9-0.1	Max flow - 140 cfs, Irrigation infrastructure, west side of Road 19 1/2	6785+50		CV-S1260-C
	JVC-128	32.2-10.2	Max flow - 600 cfs, Irrigation infrastructure, east side of Road 20	6812+95		CV-S1270-C

NOTES:

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						DESIGNED BY D.SCHWANIK	RECORD SET 15% DESIGN SUBMITTAL			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE UTILITY CONFLICT TABLE SHEET 3 OF 4	CONTRACT NO. HSR08-05
						DRAWN BY M. TACTAY					DRAWING NO. CV-B0072-C
						CHECKED BY A. GURA					SCALE NO SCALE
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 02/13/2015					
REV	DATE	BY	CHK	APP	DESCRIPTION						

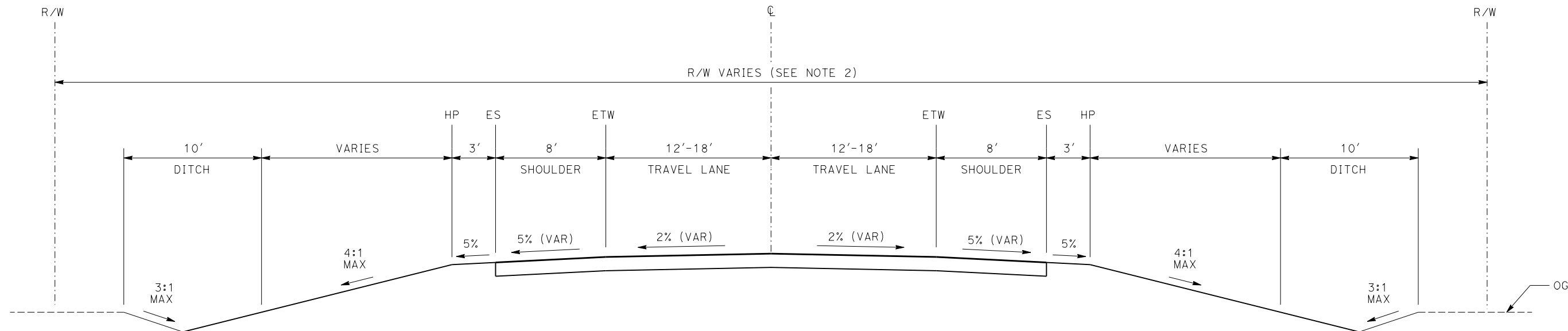
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30-OCT-2015 07:30
p009448a

Utility Type	Conflict ID #	Utility	Description	Approximate Location of Conflict	Potential Project Impact	Sheet #		
Water Infrastructure	JVC-130	Berenda Creek	N/A	6987+85 to 6988+50	Low Risk	CV-S1300-C		
	JVC-129	24.2-8.9-1.0	Max Flow - 320 cfs, Irrigation infrastructure south side of Avenue 20	7065+75		CV-S1310-C		
	JVC-143	24.2-8.9	Unknown Flow, Irrigation infrastructure east side of Road 25	7097+25		CV-S1320-C		
	JVC-134	Dry Creek	N/A	7106+70 to 7107+70		CV-S1320-C		
	JVC-131	24.2	Max flow - 990 cfs, Irrigation infrastructure	7145+00		CV-S1330-C		
	JVC-111	Berenda Slough	N/A	14943+90 to 14945+30		CV-S1420-C		
	JVC-117	Central P.L.	42" buried irrigation infrastructure, Unknown Flow; east side of Road 14	14971+15		CV-S1430-C		
	JVC-116	Lat 1.5	Unknown flow, irrigation infrastructure south side of Avenue 20 1/2	14990+20		CV-S1430-C		
	JVC-133	Berenda Canal	Max flow - 875 cfs, Irrigation infrastructure	15021+50		CV-S1440-C		
	JVC-106	Ash Main Canal	Max flow - 320 cfs, Irrigation infrastructure	15213+70		CV-S1470-C		
	JVC-77	Ash Slough	N/A	15214+25 to 15217+80		CV-S1470-C		
	JVC-106	Ash Main Canal	Max flow - 320 cfs, Irrigation infrastructure	15217+20		CV-S1470-C		
	JVC-107	Chowchilla River	N/A	15288+00 to 15290+15		CV-S1480-C to CV-S1490-C		
	JVC-108	Lat 4	Max flow - 600 cfs, Irrigation infrastructure	15307+00		CV-S1490-C		
	JVC-145	Lat 3	Max flow - 600 cfs, Irrigation infrastructure	15347+25		CV-S1500-C		
	JVC-109	Lat 2	Max flow - 600 cfs, Irrigation infrastructure, south side of Cross Road	15374+25		CV-S1500-C		
	JVC-110	Dutchman Creek	N/A	15436+10		CV-S1510-C		
	JVC-105	Deadman's Creek	N/A	15575+70		CV-S1540-C		
	Storm Water Infrastructure	None Found						
	Wastewater Infrastructure	None Found						
Communication Facilities	F9	Fiber Optic	Underground 2-2" HDPE, west side of UPRR	6848+50	Low Risk	CV-S1270-C to CV-S1280-C		
	F11	Fiber Optic	Underground Telephone, west side of UPRR	6848+65		CV-S1270-C to CV-S1280-C		
	T97	Fiber Optic	Underground Trenched Ducts w/ Buried Cable along Fairmead Blvd	6850+00		CV-S1270-C to CV-S1280-C		
	T99	Fiber Optic	Buried Cable, south side of Avenue 25	15186+80		CV-S1470-C		
	JVC-56	Copper Cable	Buried cable. Runs North-South on the West side of Elgin Road right-of-way.	5468+80		CV-S1030-C to CV-S1031-C		
	JVC-57	Copper Cable	Buried cable. Runs North-south on the East side of Indiana Road right-of way.	5575+80		CV-S1050-C		

NOTES:

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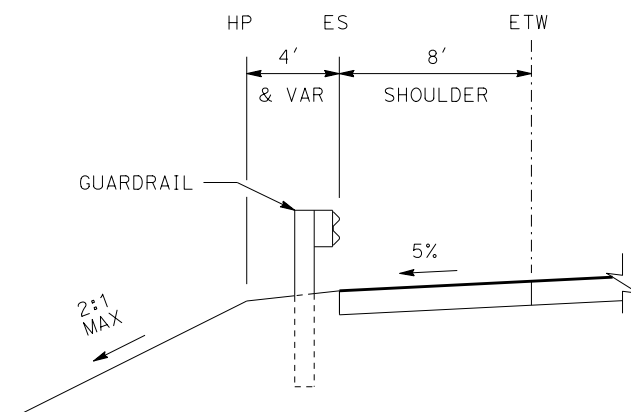
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						DRAWN BY M. TACTAY					DRAWING NO. CV-B0073-C
						CHECKED BY A. GURA					SCALE NO SCALE
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 10/30/2015					
REV	DATE	BY	CHK	APP	DESCRIPTION						



TYPICAL SECTION

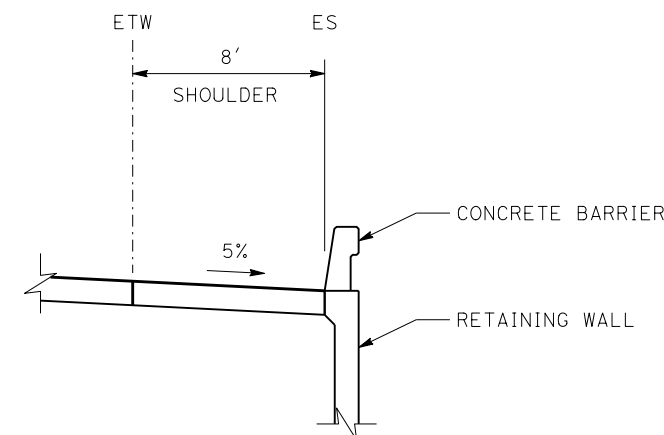
COUNTY ROADWAY OR STATE HIGHWAY

"HENRY MILLER RD" LINE
"INDIANA RD" LINE
"HUTCHINS RD CONNECTOR" LINE
"HUTCHINS RD" LINE
"RD 4/LINCOLN RD" LINE
"RD 4/LINCOLN RD CONNECTOR" LINE
"AVE 21" LINE
"RD 9/HEMLOCK RD" LINE
"RD 9/AVE 21 CONNECTOR" LINE
"AVE 21 A" LINE
"ROBERTSON BLVD" LINE
"AVE 21/ROBERTSON BLVD CONNECTOR" LINE
"AVE 21 B" LINE
"AVE 21 C" LINE
"RD 16" LINE
"RD 19" LINE
"AVE 21/RD 19 CONNECTOR" LINE
"FAIRMEAD BLVD" LINE
"RD 22" LINE
"AVE 20 1/2" LINE
"RD 24" LINE
"RD 14" LINE
"AVE 21 1/2 MER-FRE" LINE
"AVE 25" LINE
"RD 13" LINE
"VISTA AVE" LINE
"CROSS RD" LINE
"RD 11" LINE
"AVE 21 1/2 SJD-MER" LINE
"RD 12 CONNECTOR" LINE



TYPICAL SECTION

AT STRUCTURE APPROACH



TYPICAL SECTION

AT RETAINED FILL

NOTES:

1. THE DITCH FLOWLINE SHOULD BE LOWER THAN THE ROADWAY STRUCTURAL SECTION.
2. RIGHT-OF-WAY REQUIRED FOR THE APPROACH TO A GRADE SEPARATION WILL DEPEND UPON CONDITIONS ALONG THE ALIGNMENT, INCLUDING TERRAIN, CUT/FILL EXTENTS, AND USE OF RETAINING STRUCTURES.

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

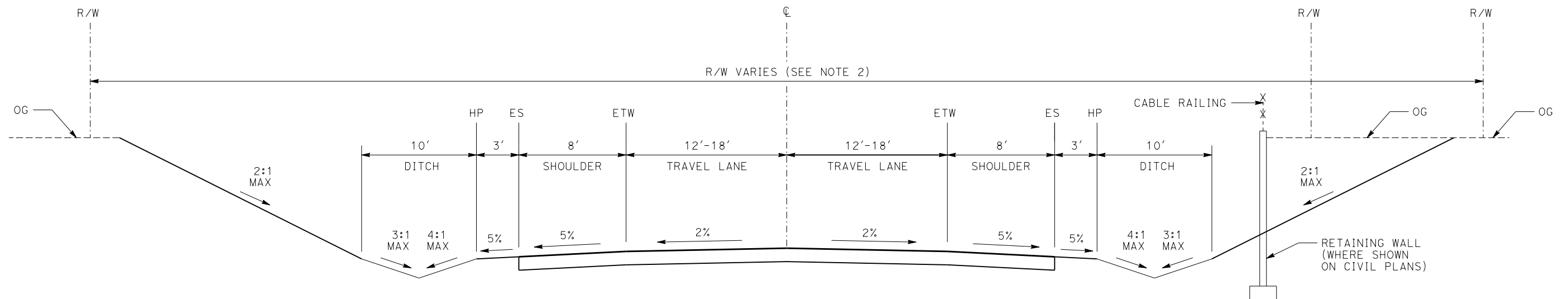


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
TYPICAL SECTION
SHEET 1 OF 2

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-B0080-C
SCALE
NO SCALE
SHEET NO.

p005133g 18-MAR-2016 08:21 MF-CV-B0081-C.dgn



TYPICAL SECTION
COUNTY ROADWAY OR STATE HIGHWAY

"RD 14" LINE
"AVE 25" LINE
"RD 13" LINE
"VISTA AV" LINE

NOTES:

1. THE DITCH FLOWLINE SHOULD BE LOWER THAN THE ROADWAY STRUCTURAL SECTION.
2. RIGHT-OF-WAY REQUIRED FOR THE APPROACH TO A GRADE SEPARATION WILL DEPEND UPON CONDITIONS ALONG THE ALIGNMENT, INCLUDING TERRAIN, CUT/FILL EXTENTS, AND USE OF RETAINING STRUCTURES.

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

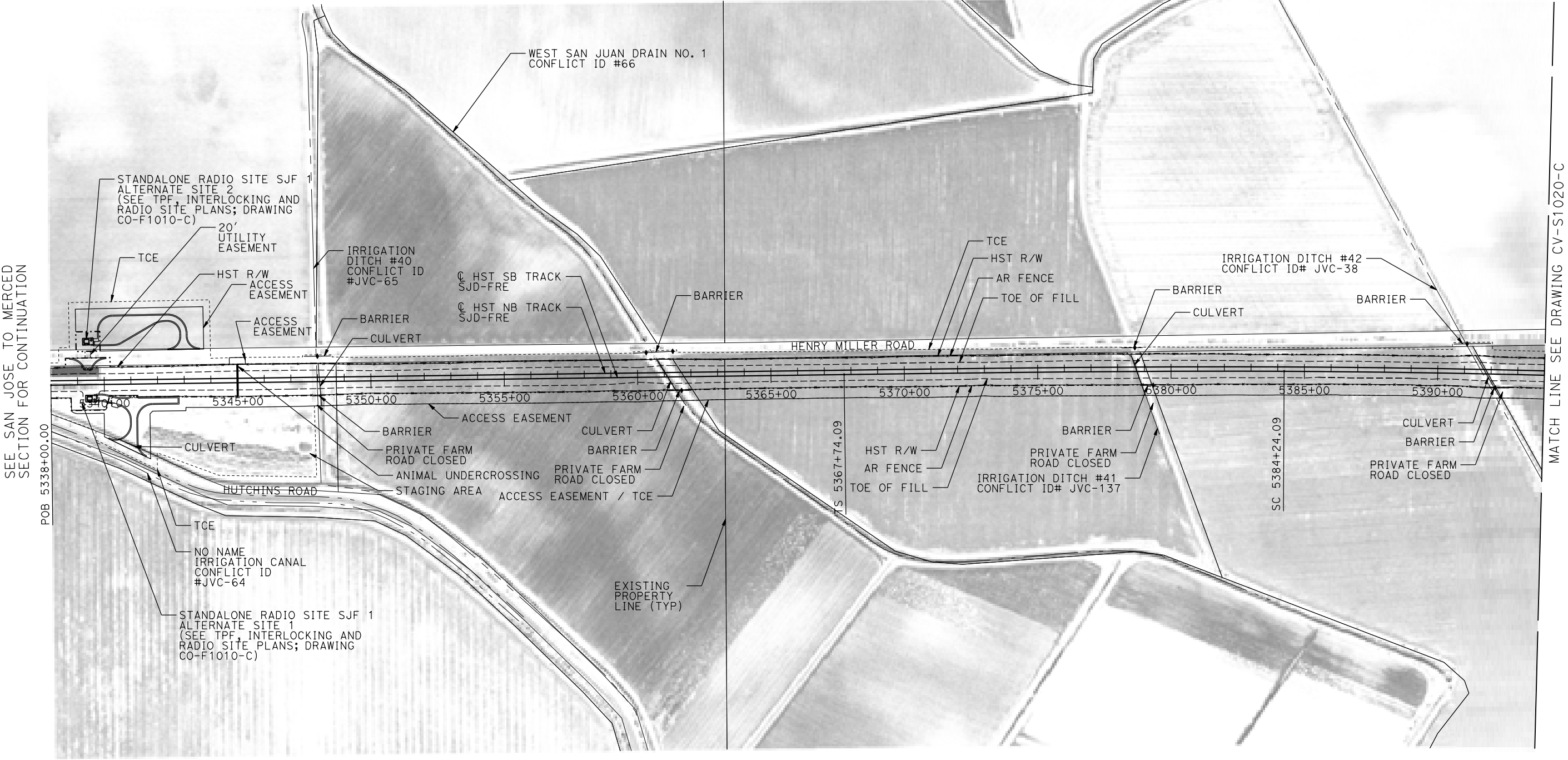
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CONSTRUCTION



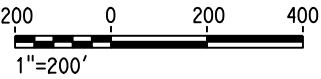
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
TYPICAL SECTION
SHEET 2 OF 2

CONTRACT NO. HSR08-05
DRAWING NO. CV-B0081-C
SCALE NO SCALE
SHEET NO.

MERCED COUNTY



PLAN



17-MAR-2016 10:02 MF-CV-S1010-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

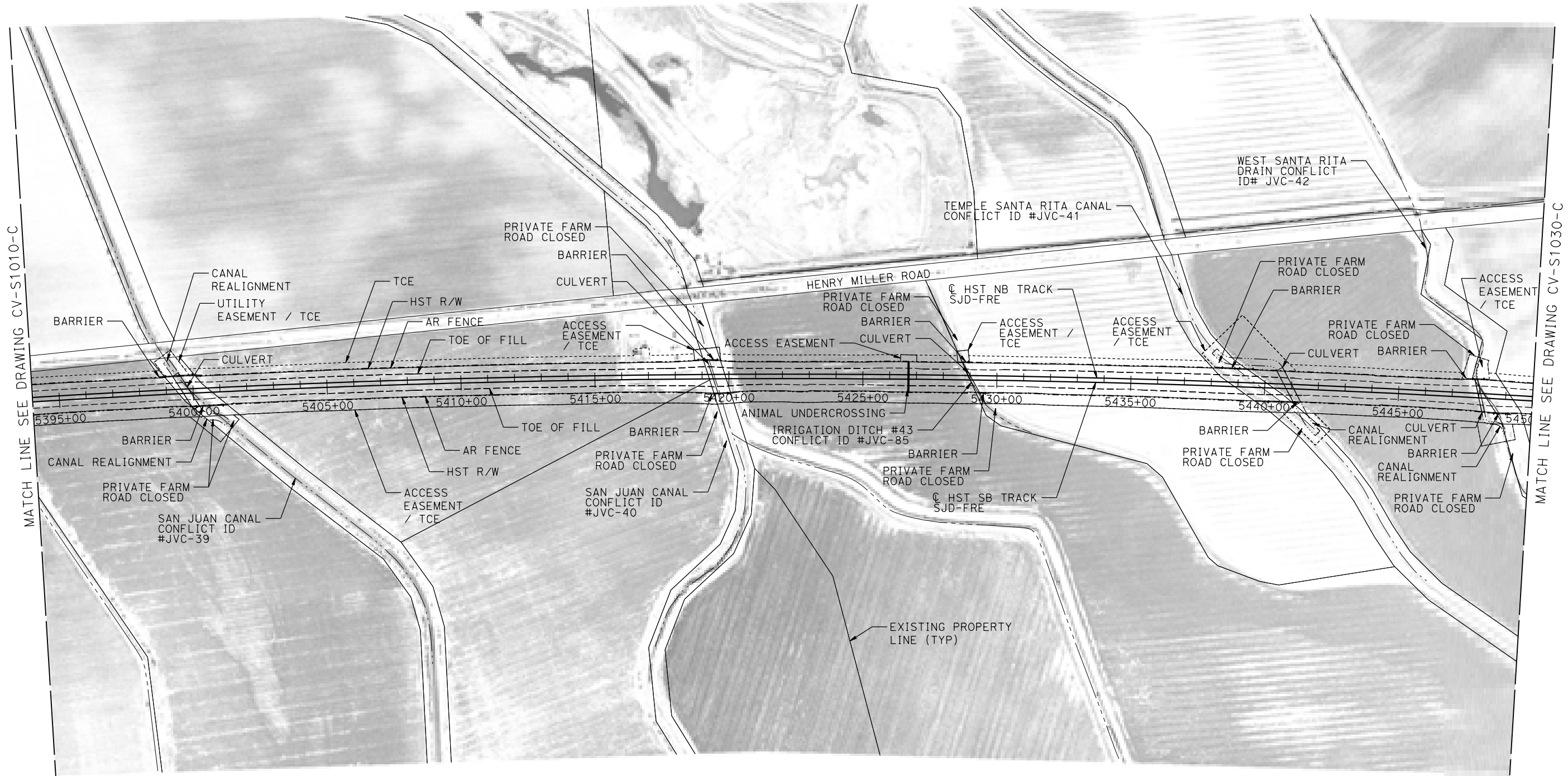
NOT FOR
CONSTRUCTION



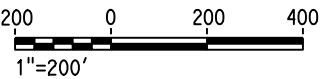
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5338+00 TO 5394+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1010-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



p005133a 18-MAR-2016 4:52 MF-CV-S1020-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

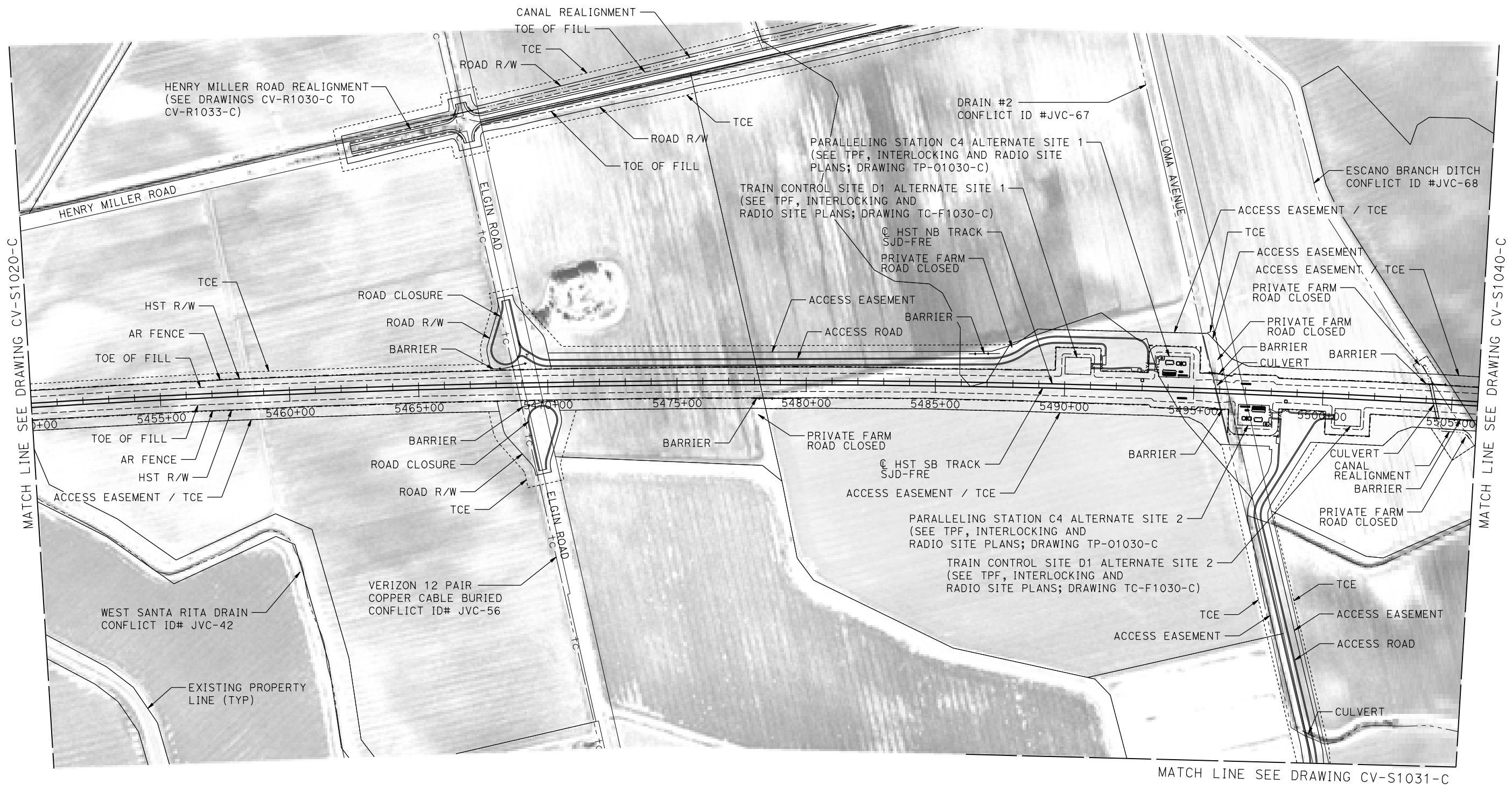
NOT FOR
CONSTRUCTION



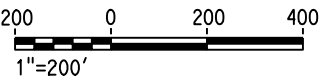
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5394+00 TO 5450+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1020-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



p005133a 17-MAR-2016 20:04 MF-CV-S1030-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5450+00 TO 5506+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1030-C
SCALE 1"=200'
SHEET NO.

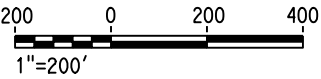
MERCED COUNTY



MATCH LINE SEE DRAWING CV-S1030-C



PLAN



p005133a 17-MAR-2016 20:05 MF-CV-S1031-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

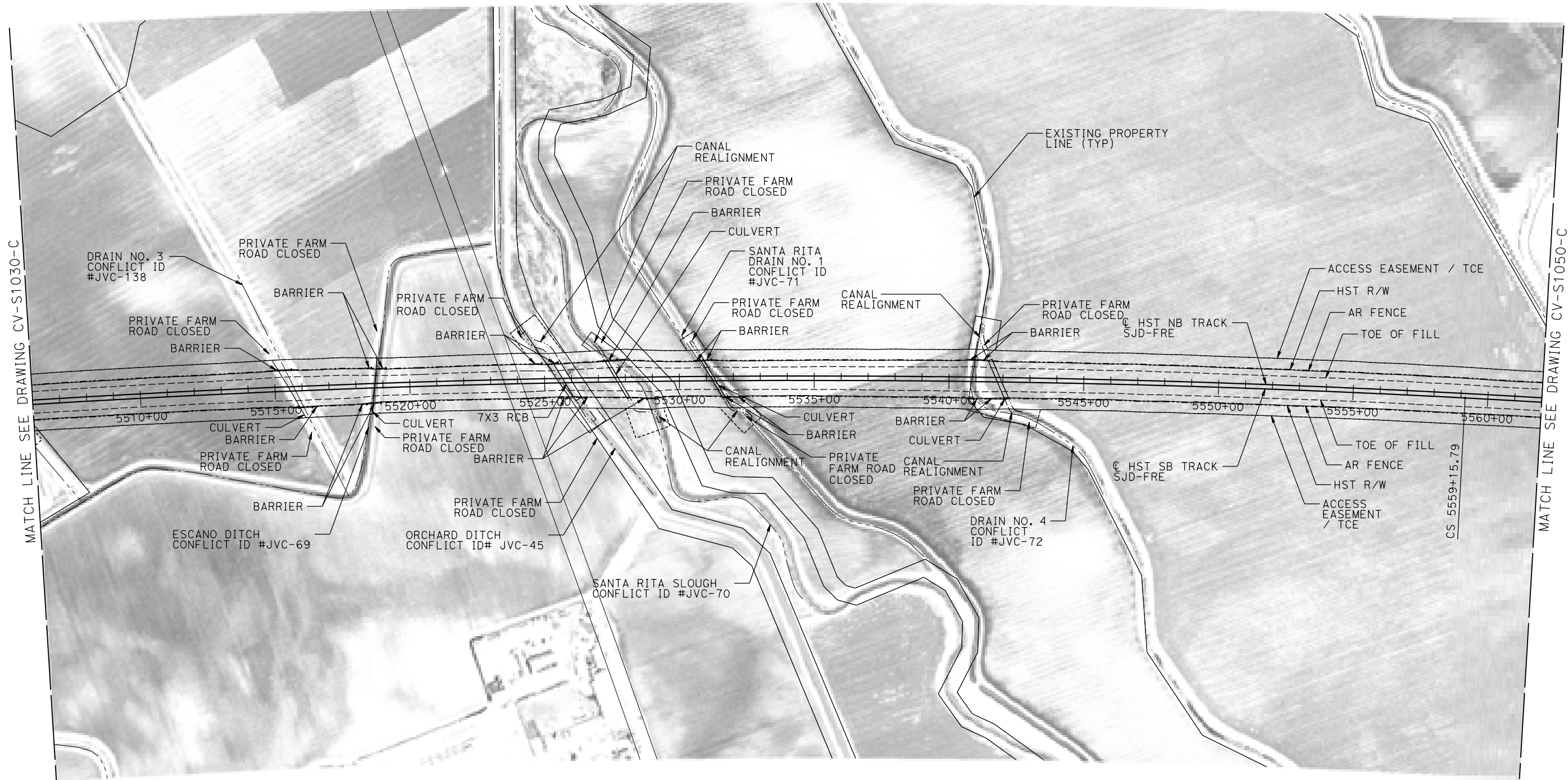


CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

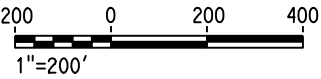
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE ACCESS ROAD

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1031-C
SCALE 1"= 200'
SHEET NO.

MERCED COUNTY



PLAN



18-MAR-2016 13:48 MF-CV-S1040-C.dgn

0005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

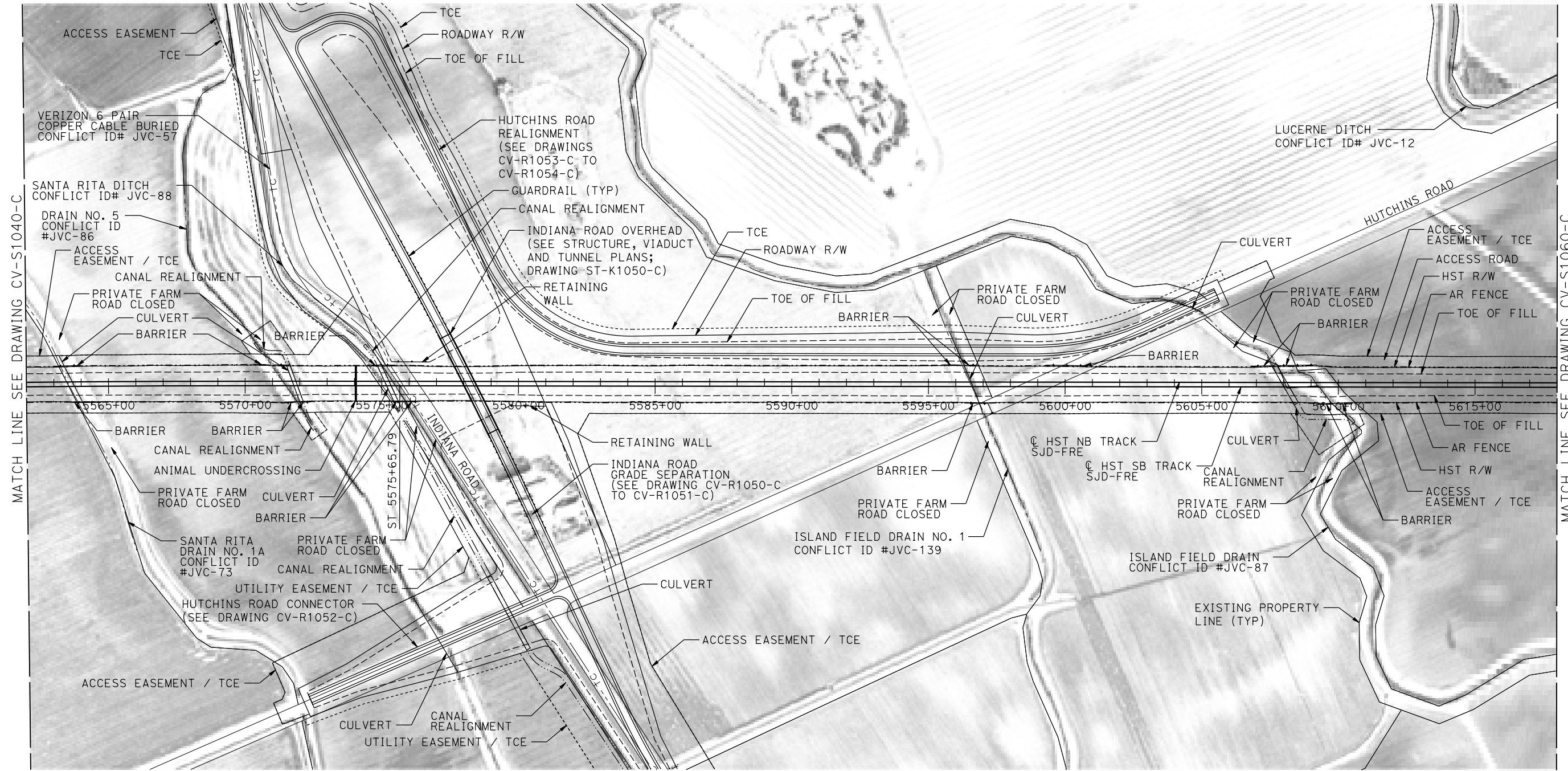
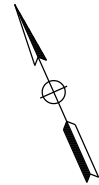
NOT FOR
CONSTRUCTION



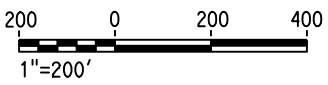
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5506+00 TO 5562+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1040-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



18-MAR-2016 13:49 MF-CV-S1050-C.dgn

0005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

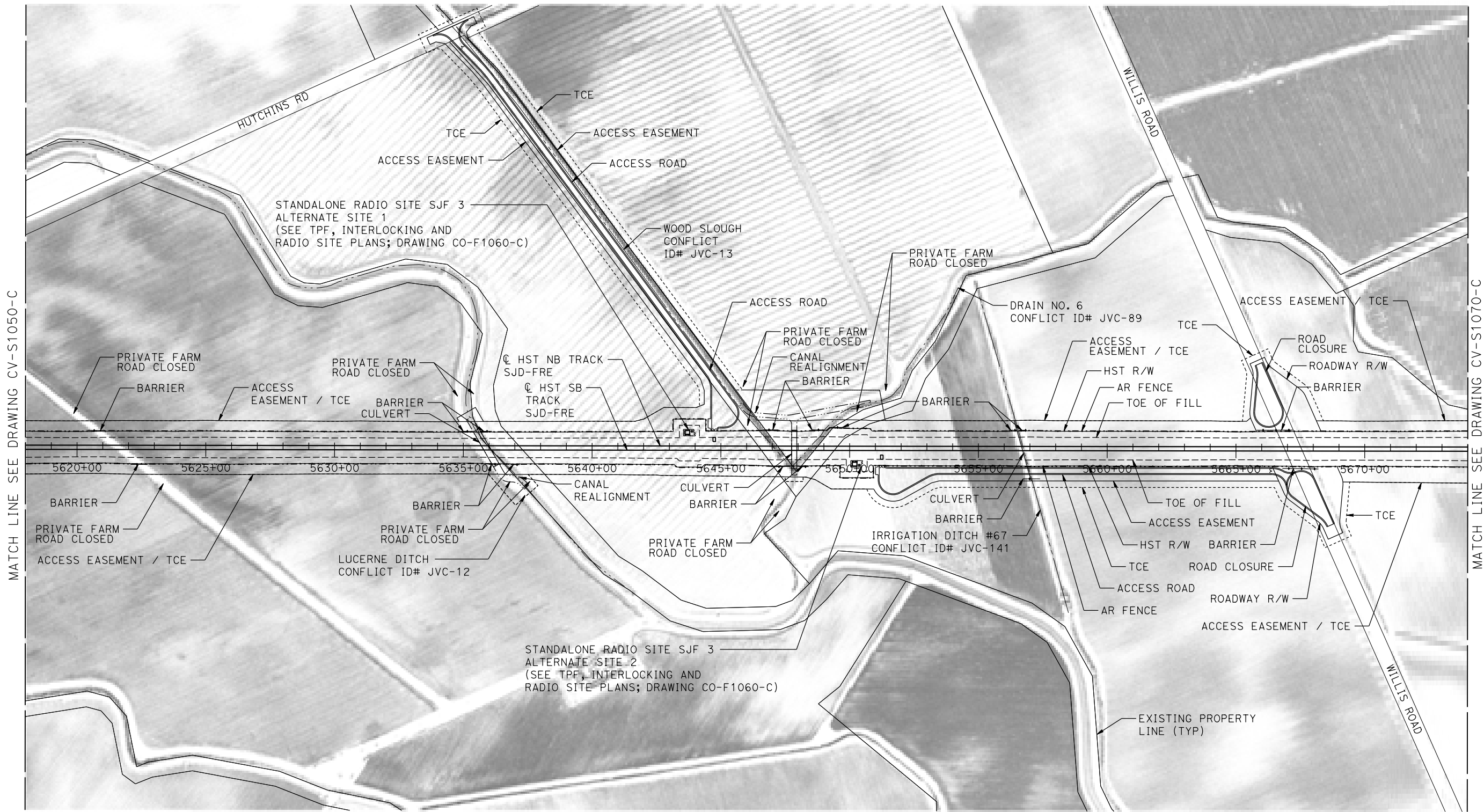
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CONSTRUCTION



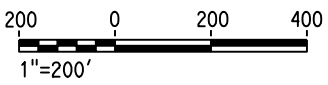
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5562+00 TO 5618+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1050-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



MF-CV-S1060-C.dgn
17-MAR-2016 11:09
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

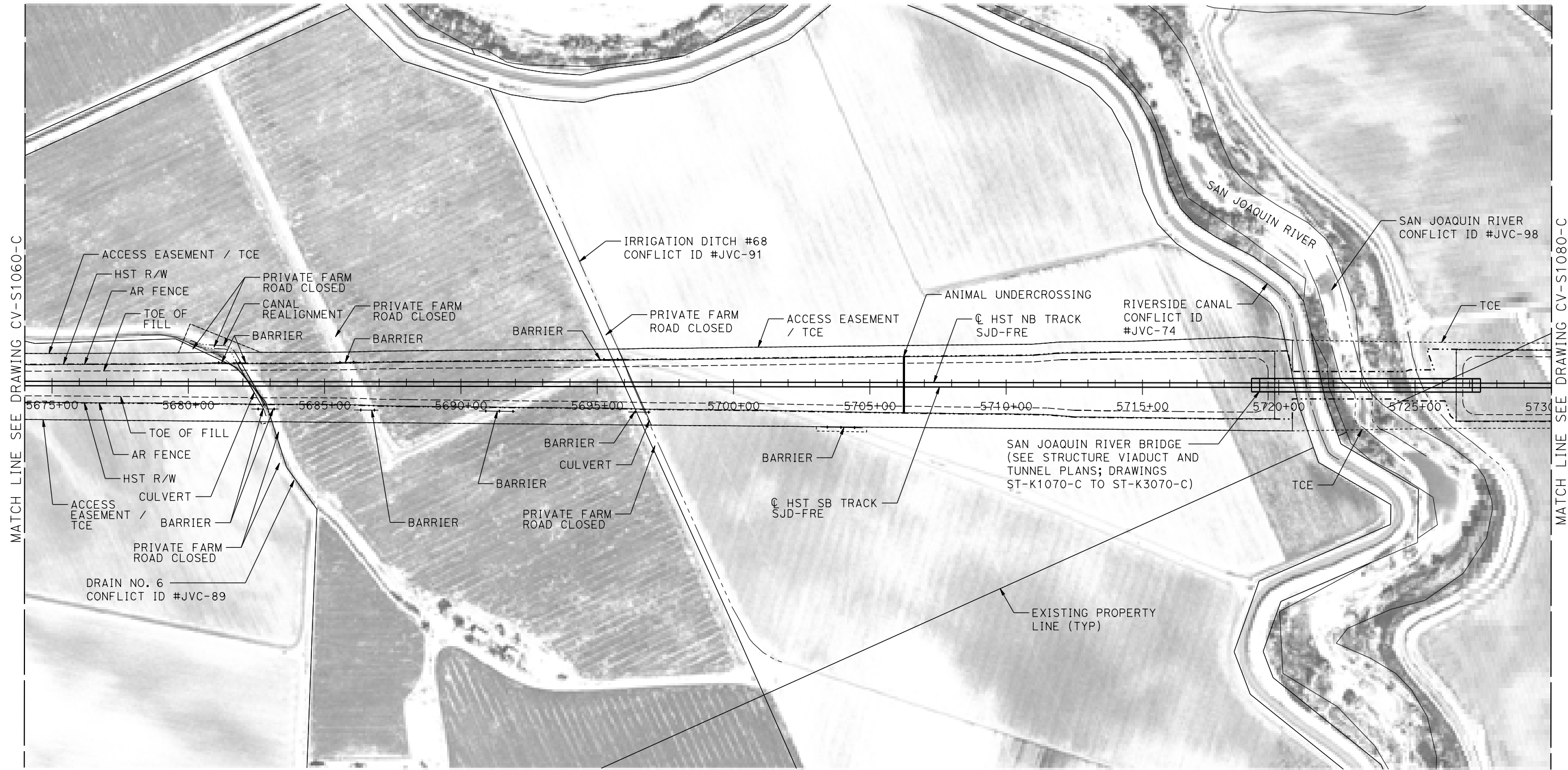
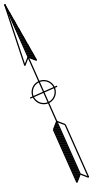


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

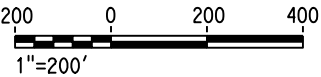
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5618+00 TO 5674+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1060-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



18-MAR-2016 13:49 MF-CV-S1070-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

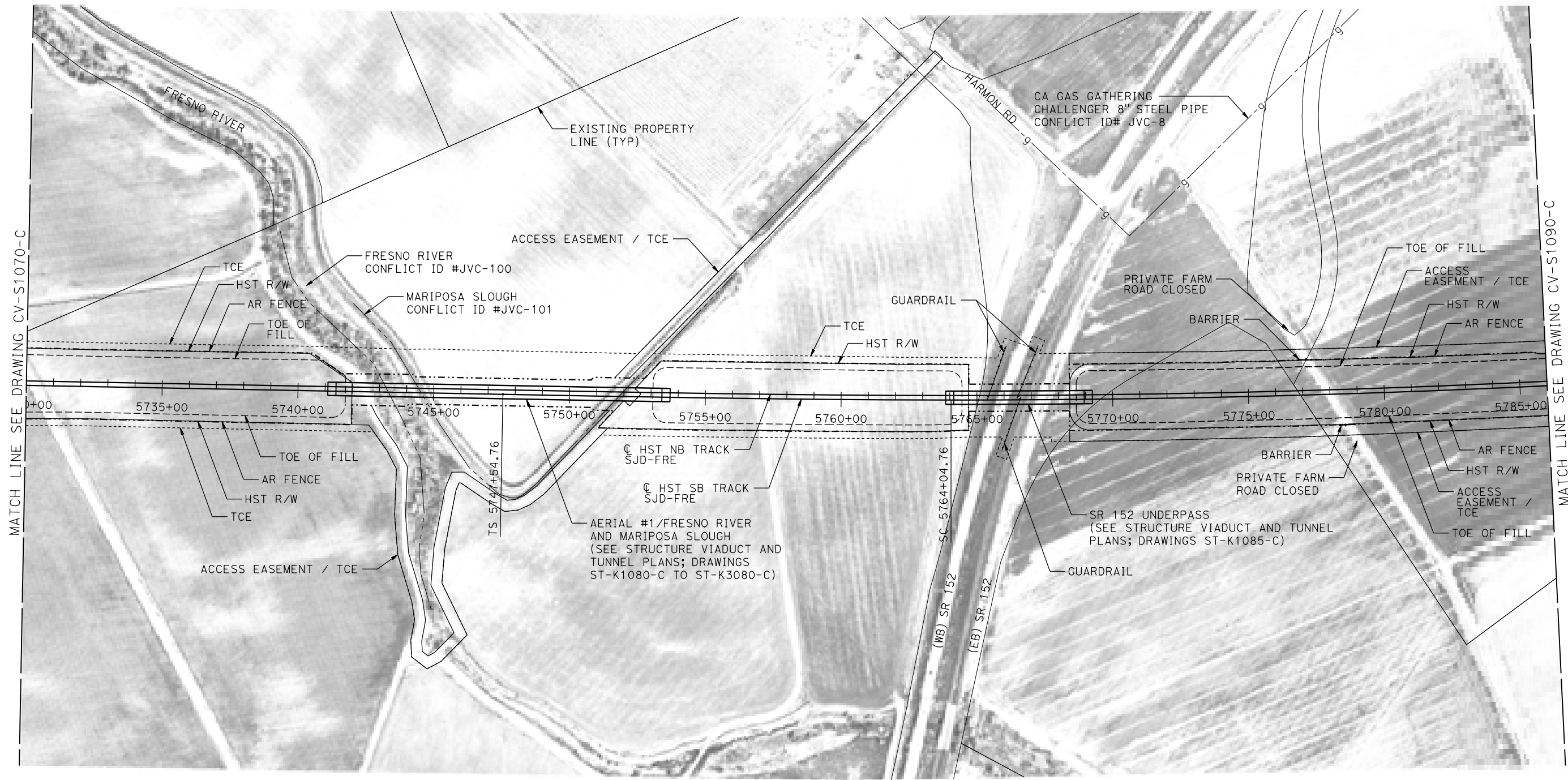
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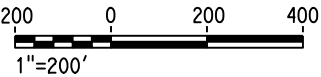
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5674+00 TO 5730+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1070-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



MF-CV-S1080-C.dgn
17-MAR-2016 11:11
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 02/13/2015

RECORD SET
15% DESIGN
SUBMITTAL

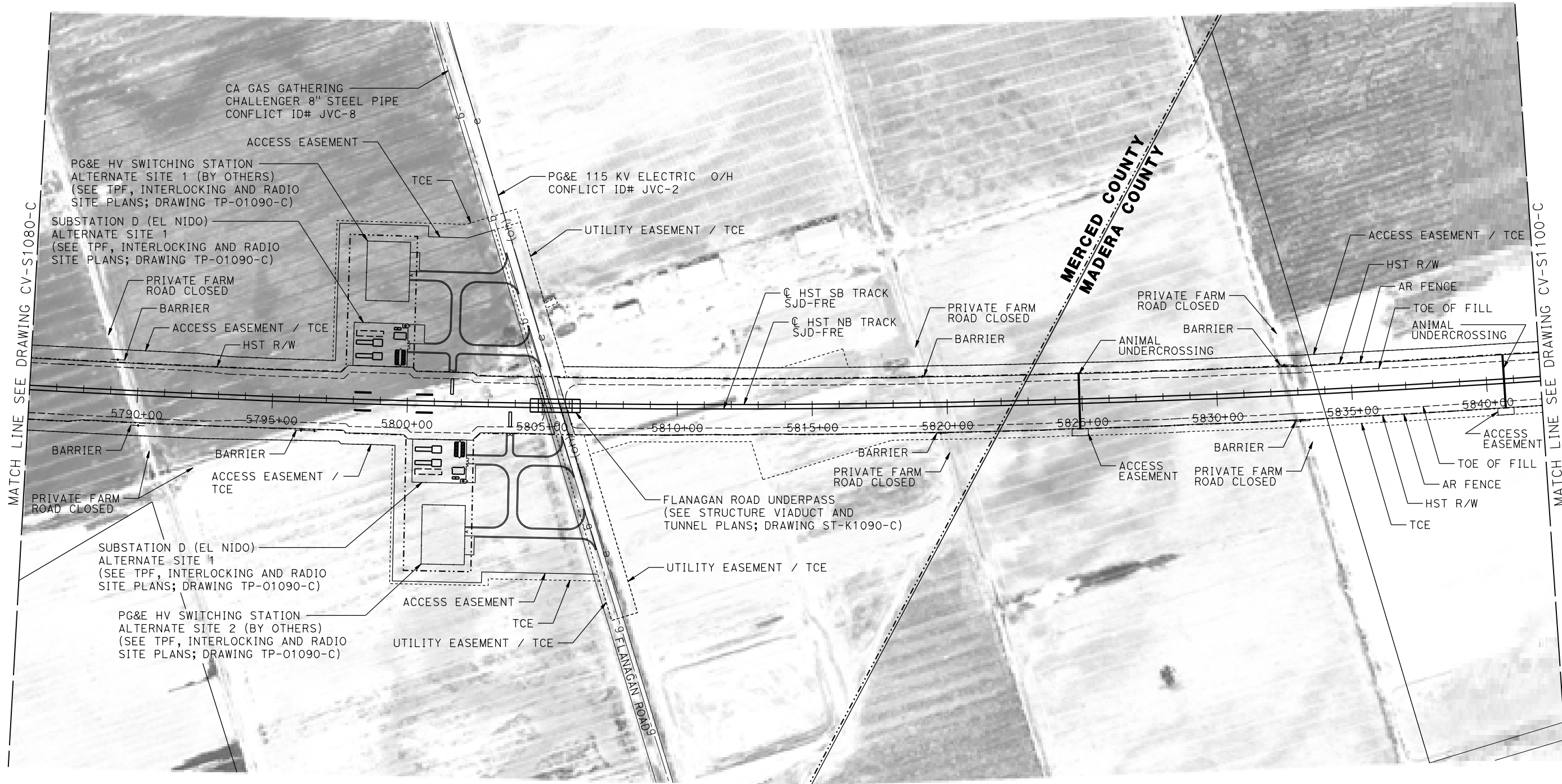
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CONSTRUCTION



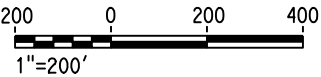
CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE CIVIL PLAN SJD-FRE STA 5730+00 TO 5786+00	CONTRACT NO. HSR08-05
	DRAWING NO. CV-S1080-C
	SCALE 1"=200'
	SHEET NO.

MERCED COUNTY

MADERA COUNTY



PLAN



MF-CV-S1090-C.dgn
17-MAR-2016 11:12
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

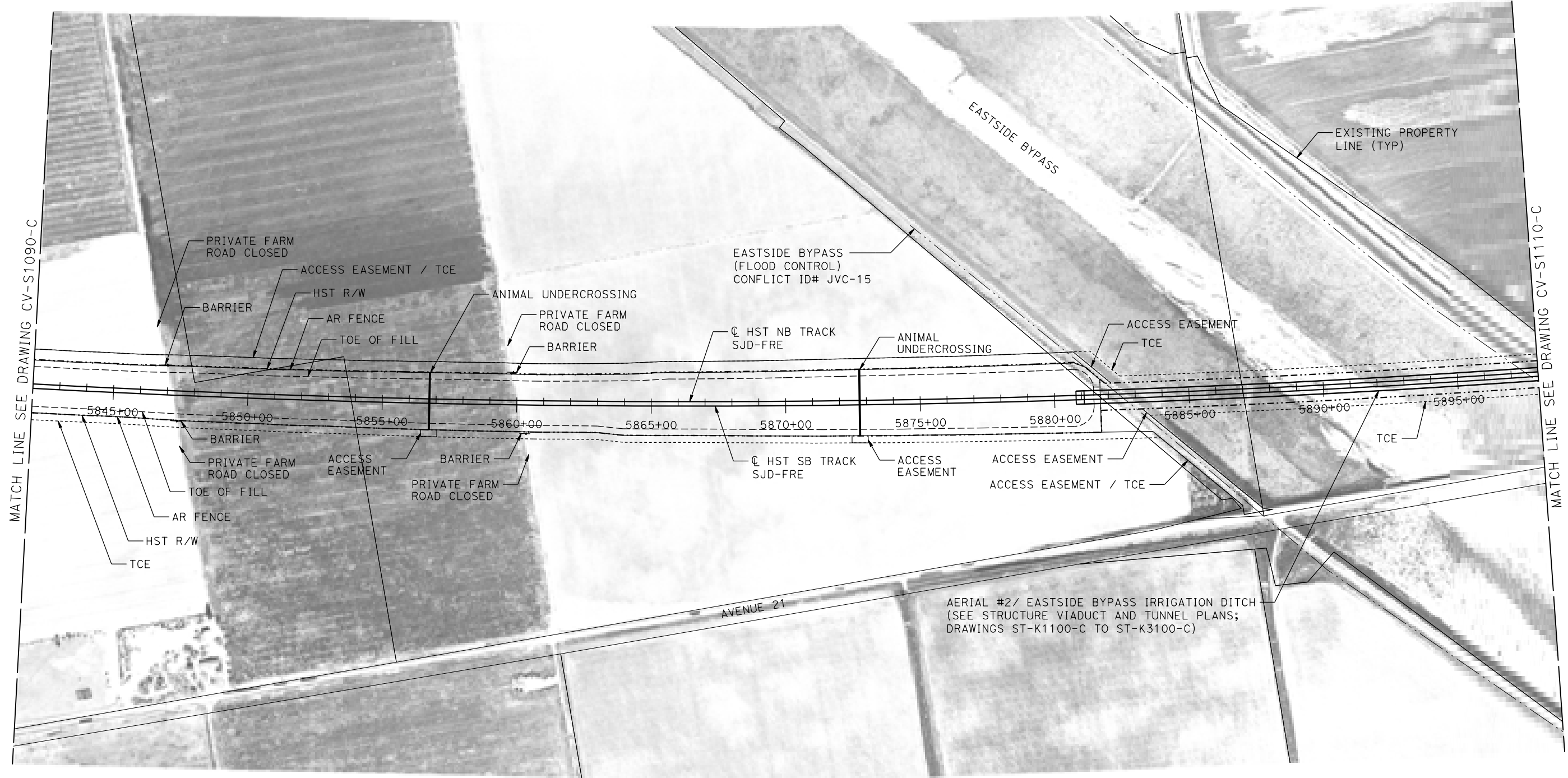
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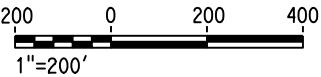
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5786+00 TO 5842+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1090-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1100-C.dgn
17-MAR-2016 11:13
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

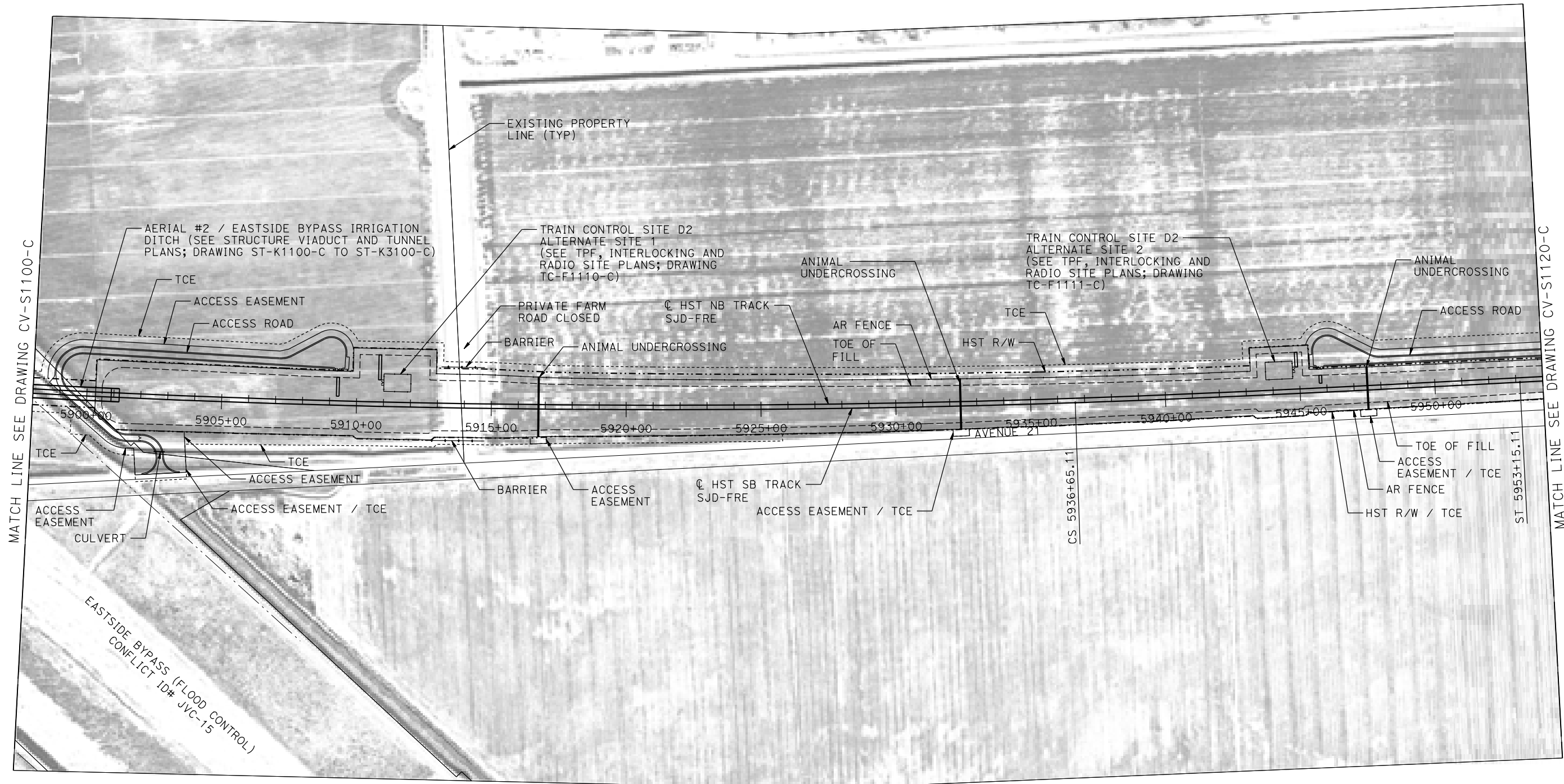
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CONSTRUCTION



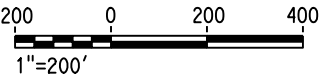
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5842+00 TO 5898+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1100-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



17-MAR-2016 11:13 MF-CV-S1110-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

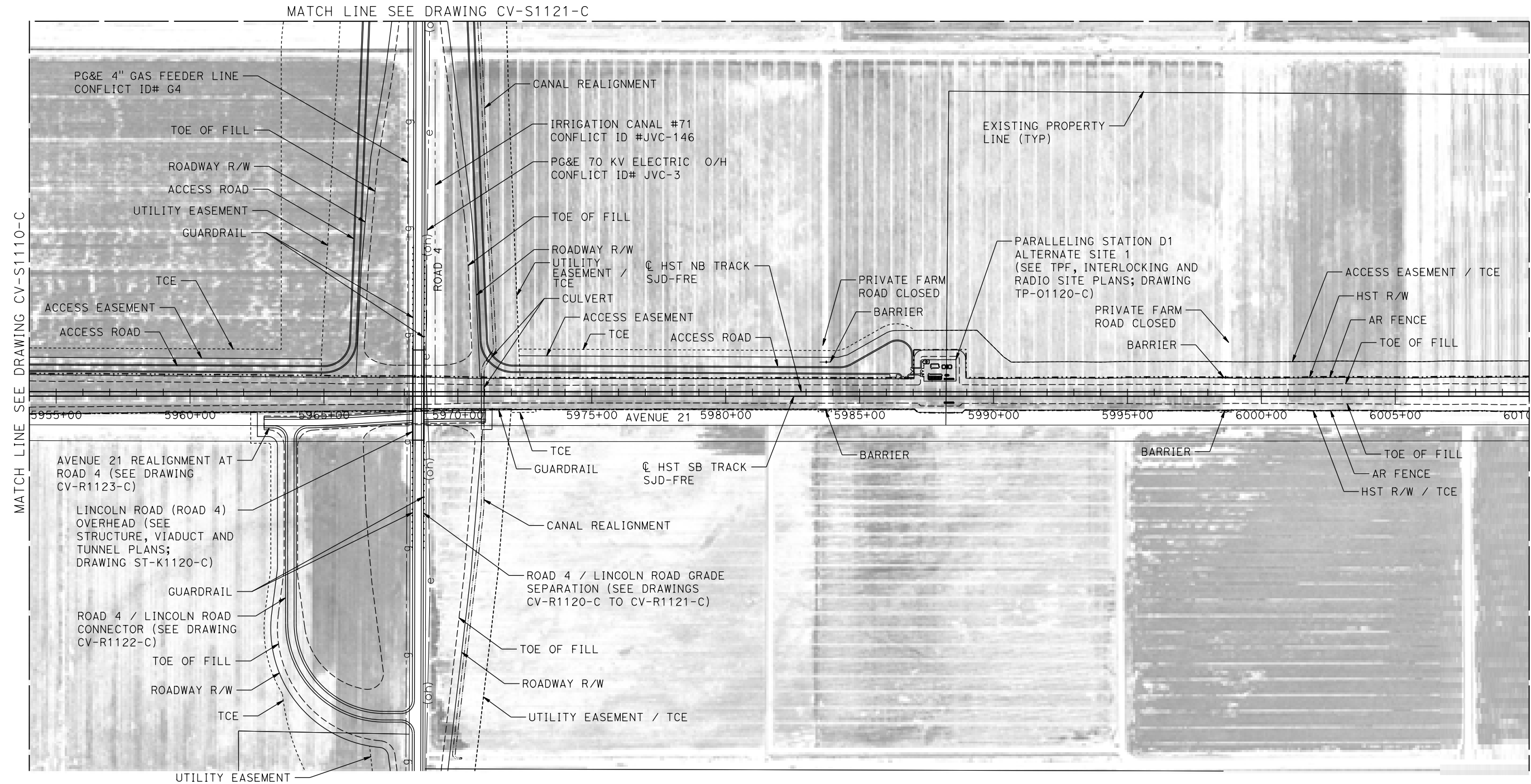
**PARSONS**

**CALIFORNIA**
HIGH-SPEED RAIL AUTHORITY

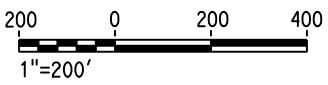
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5898+00 TO 5954+00

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-S1110-C
SCALE
1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 18-MAR-2016 3:50 MF-CV-S1120-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

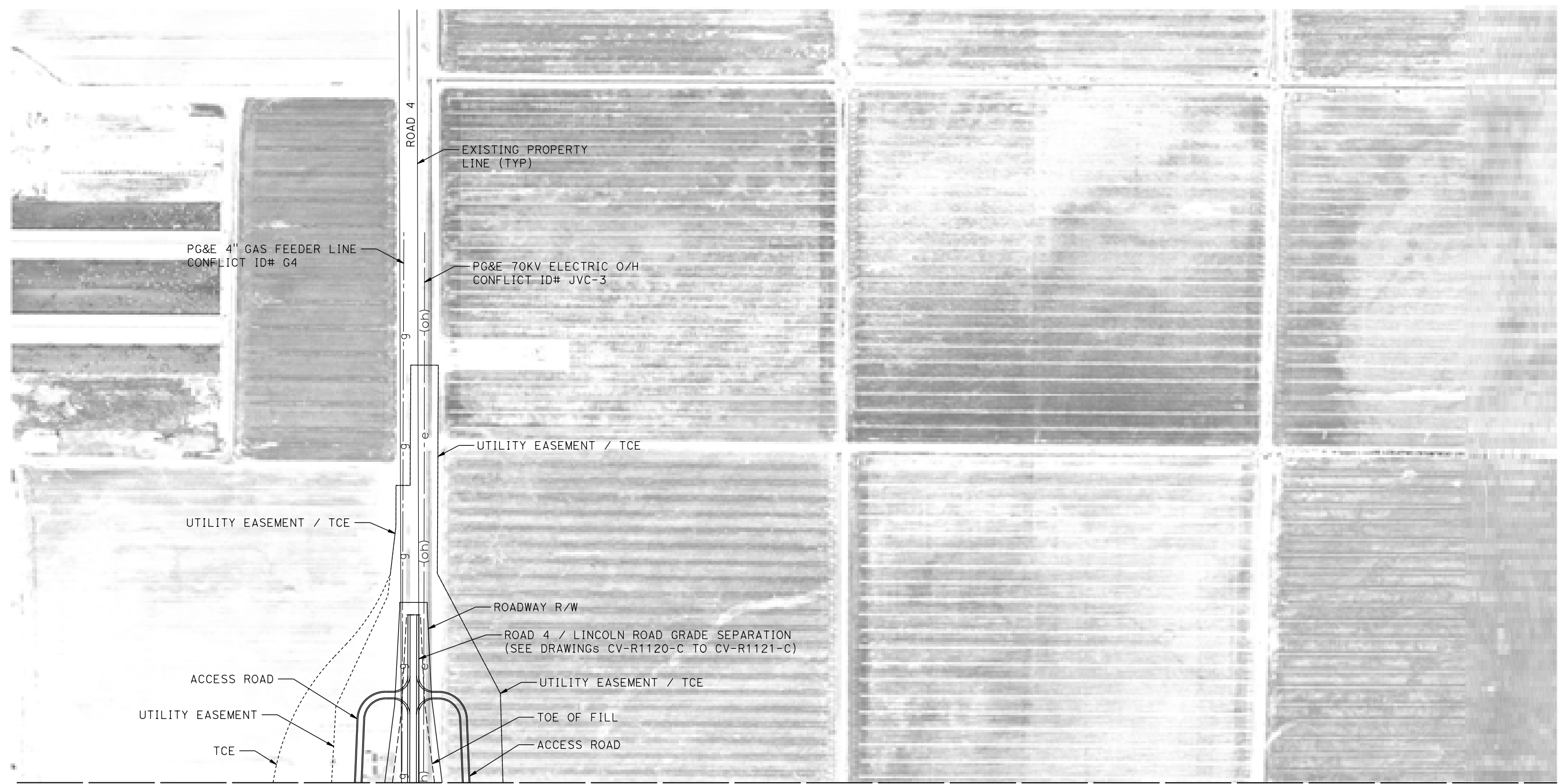
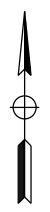


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 5954+00 TO 6010+00

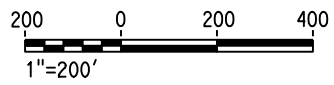
CONTRACT NO. HSR08-05
DRAWING NO. CV-S1120-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



MATCH LINE SEE DRAWING CV-S1120-C

PLAN



17-MAR-2016 11:16 MF-CV-S1121-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 10/30/2015

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

**PARSONS**

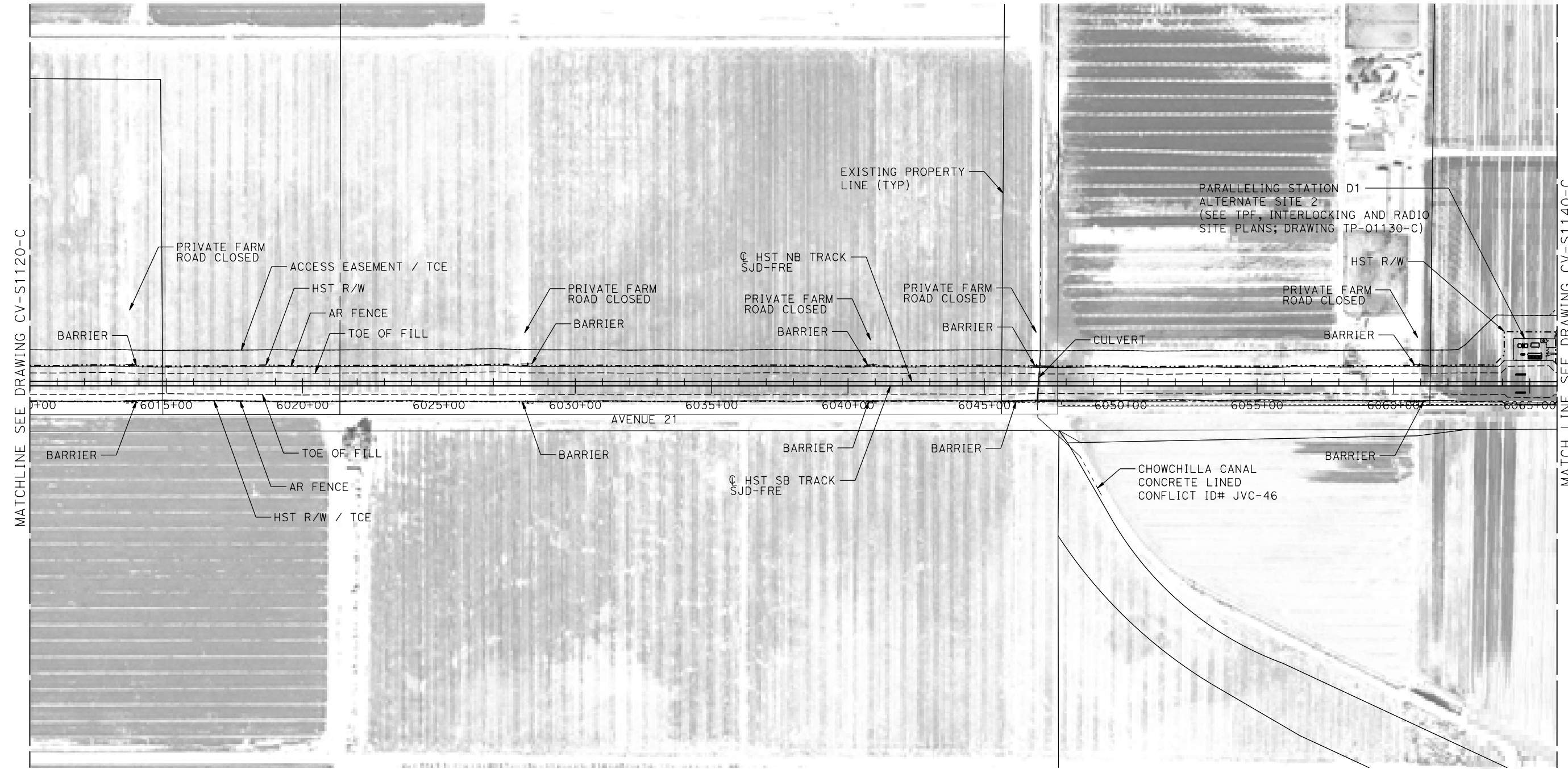
**CALIFORNIA**
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

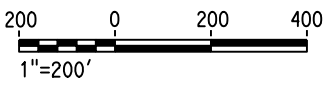
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE ACCESS ROAD

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1121-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 17-MAR-2016 11:16 MF-CV-S1130-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

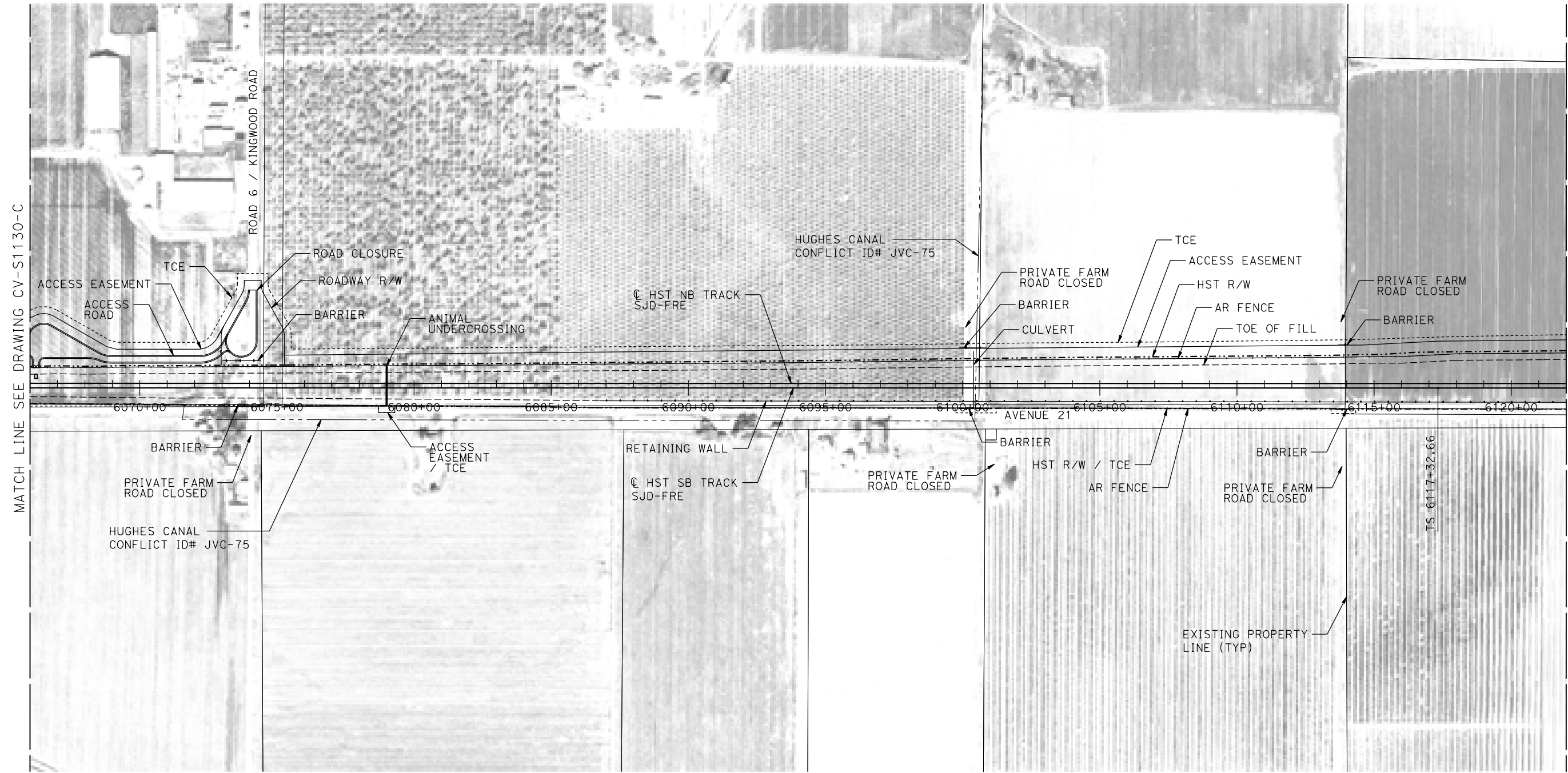
NOT FOR
CONSTRUCTION



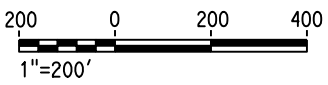
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6010+00 TO 6066+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1130-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



17-MAR-2016 11:18 MF-CV-S1140-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

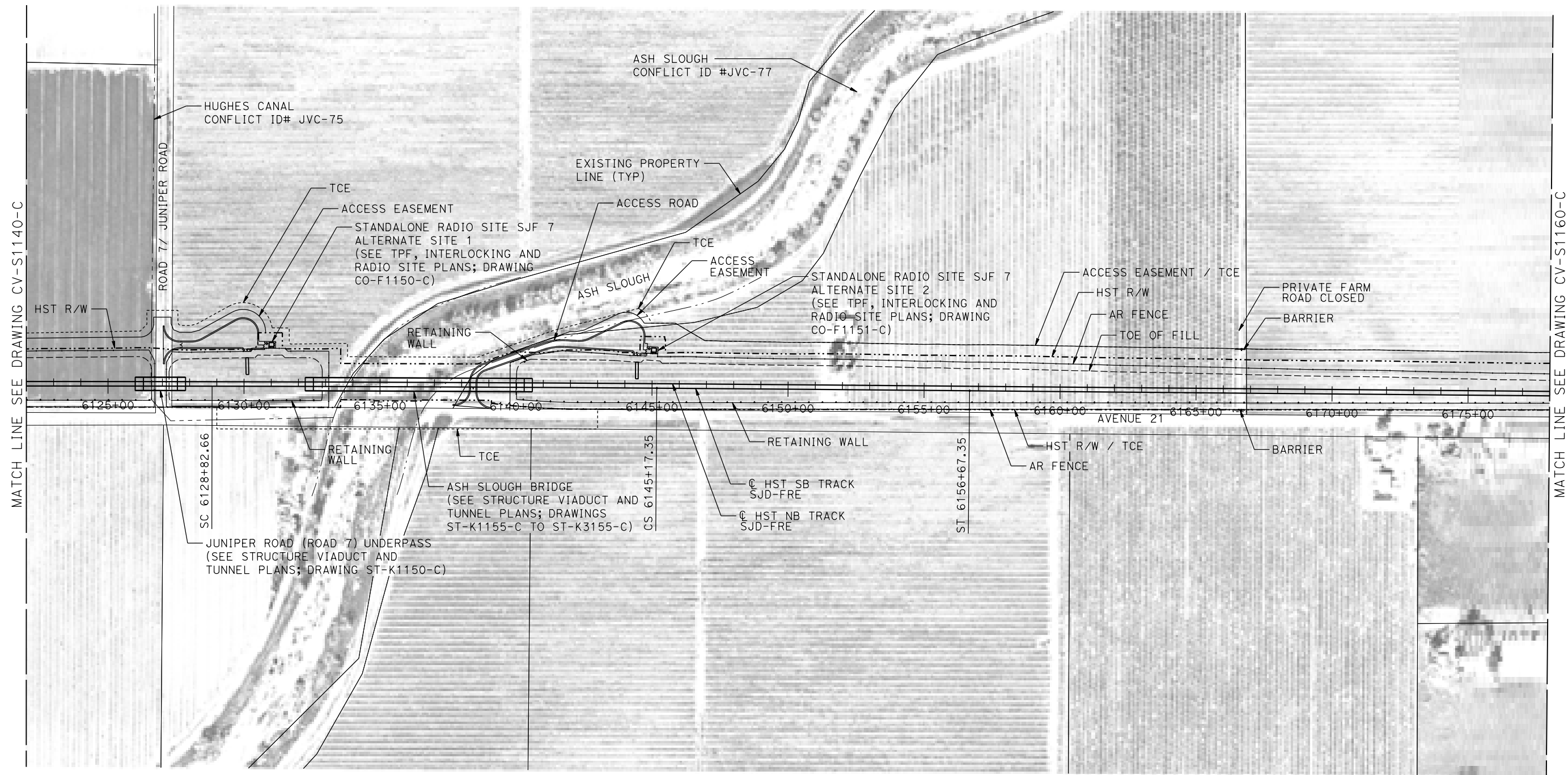
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

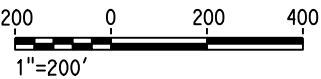
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6066+00 TO 6122+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1140-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 17-MAR-2016 11:19 MF-CV-S1150-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

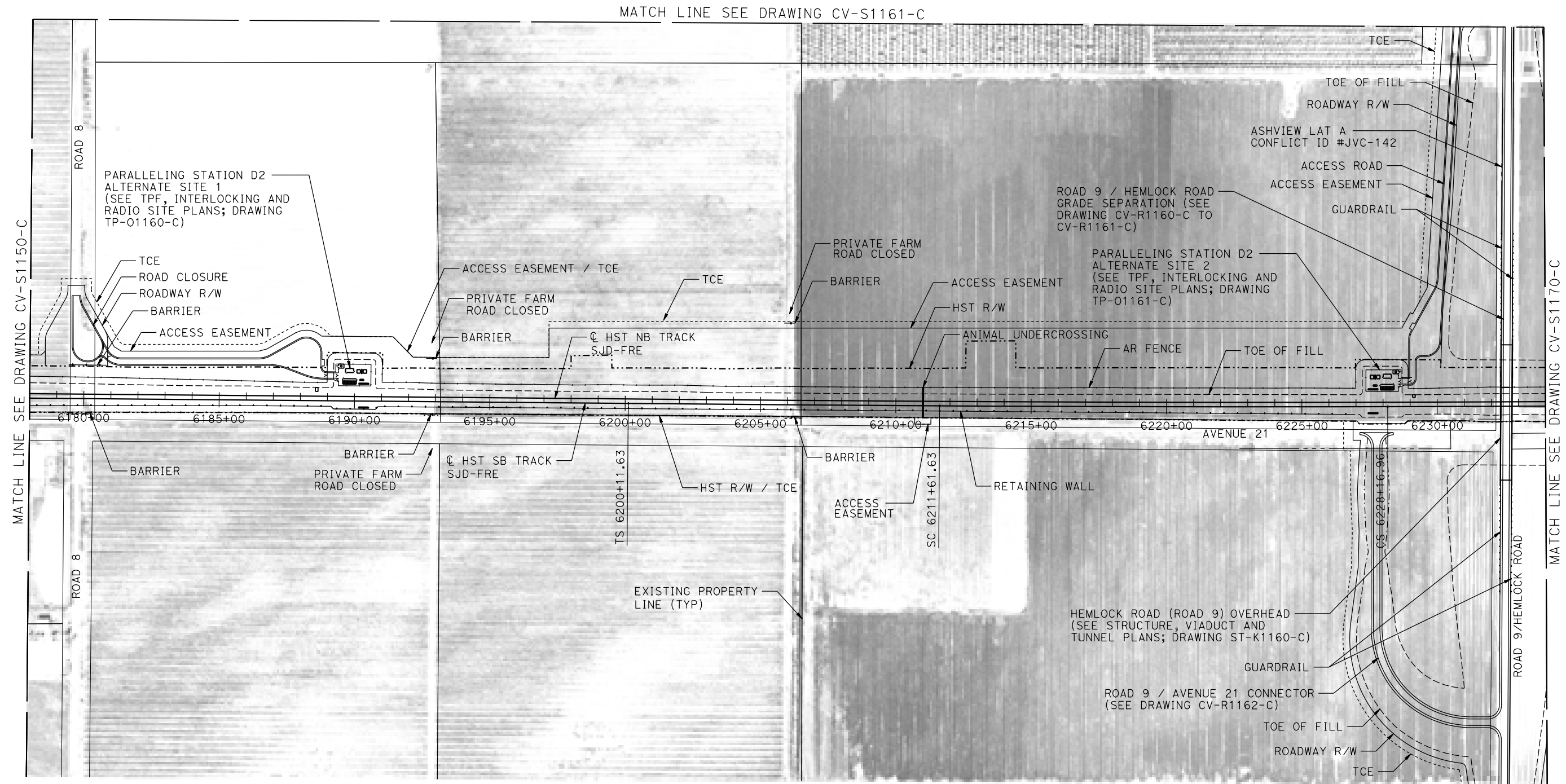


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

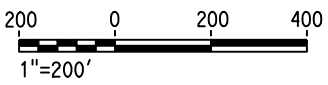
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6122+00 TO 6178+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1150-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



18-MAR-2016 3:51 MF-CV-S1160-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

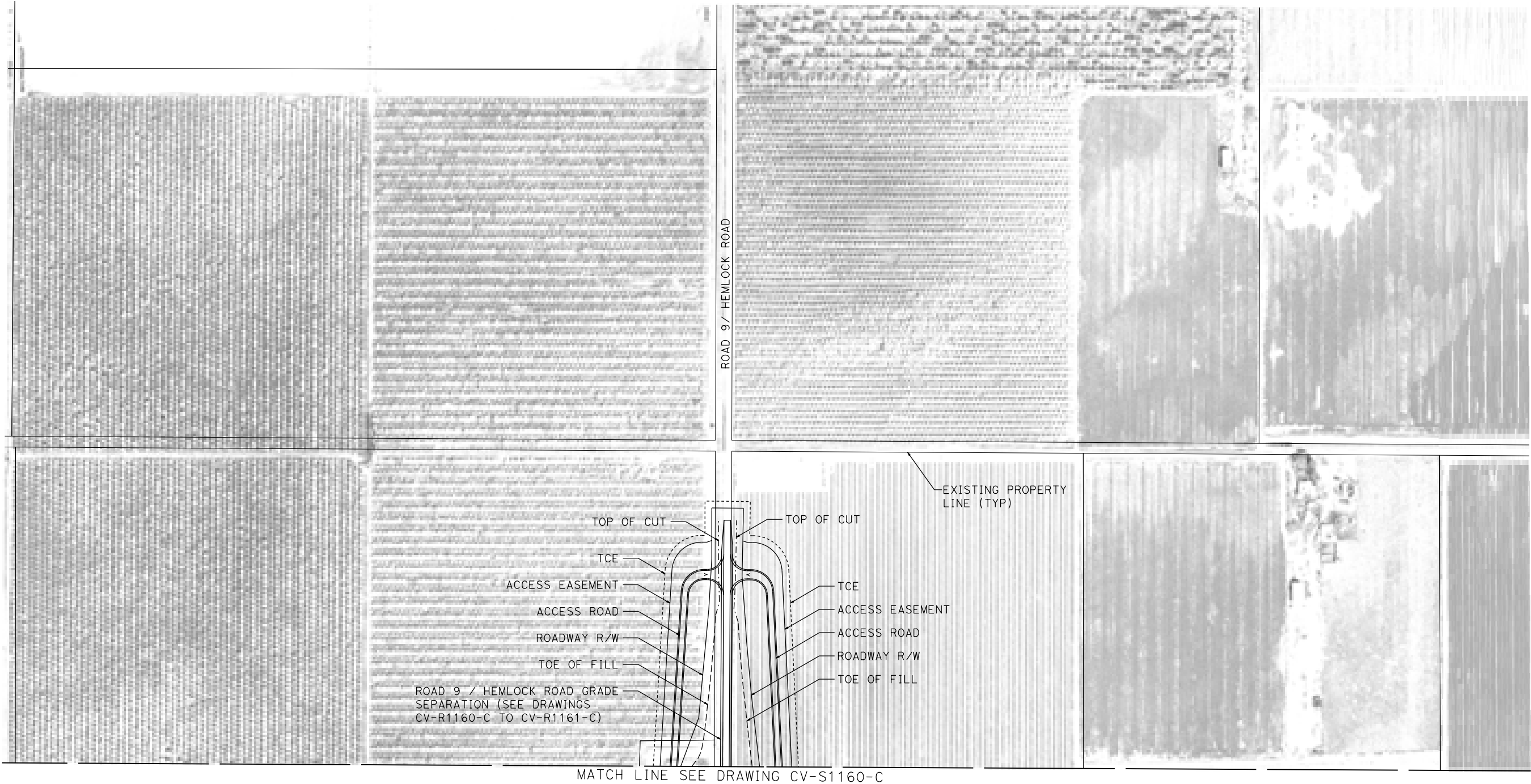
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CONSTRUCTION



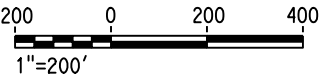
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6178+00 TO 6234+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1160-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1161-C.dgn
17-MAR-2016 1:21
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

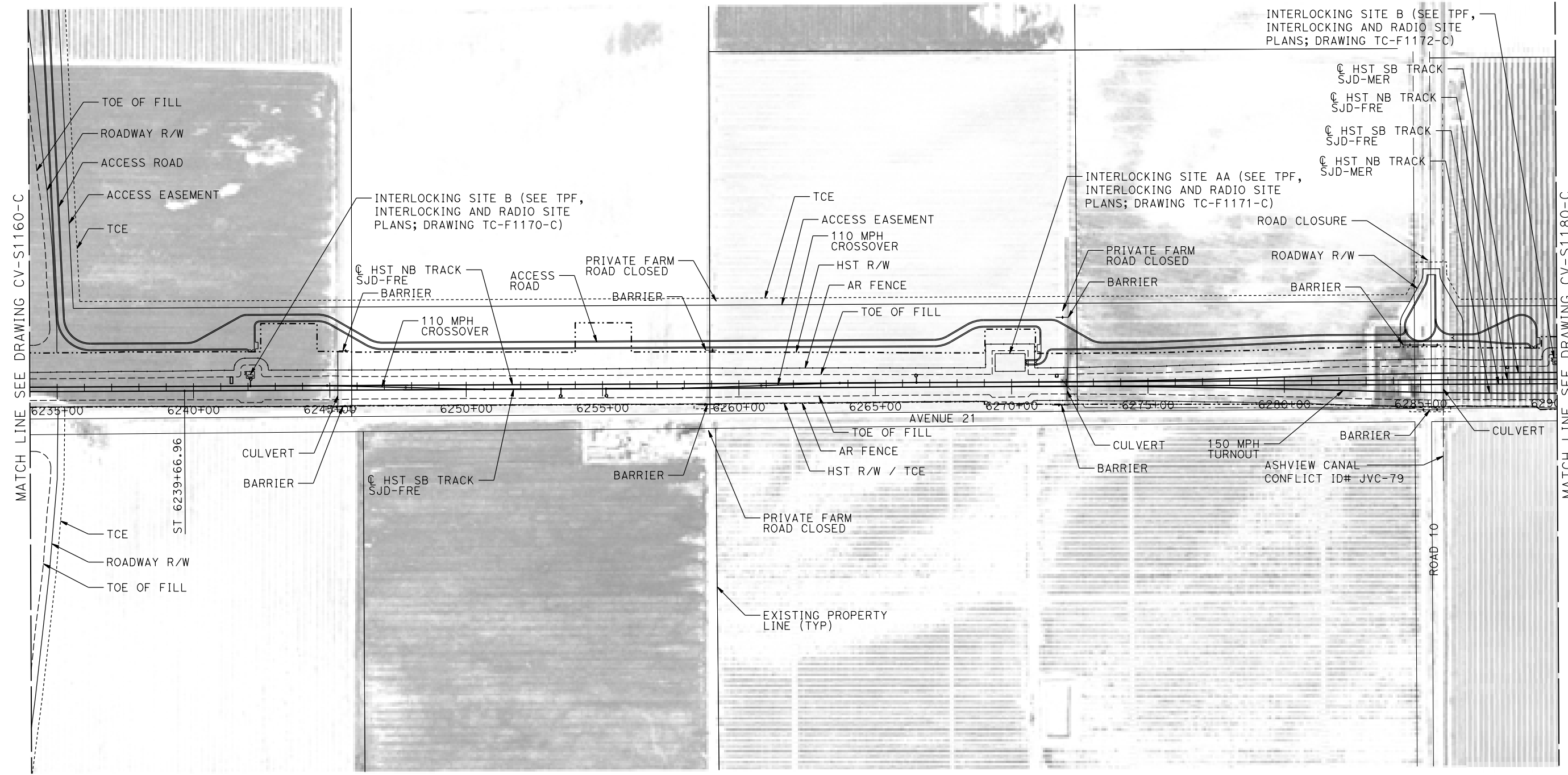


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

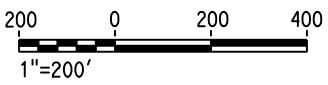
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE ACCESS ROAD

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1161-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1170-C.dgn
17-MAR-2016 11:22
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

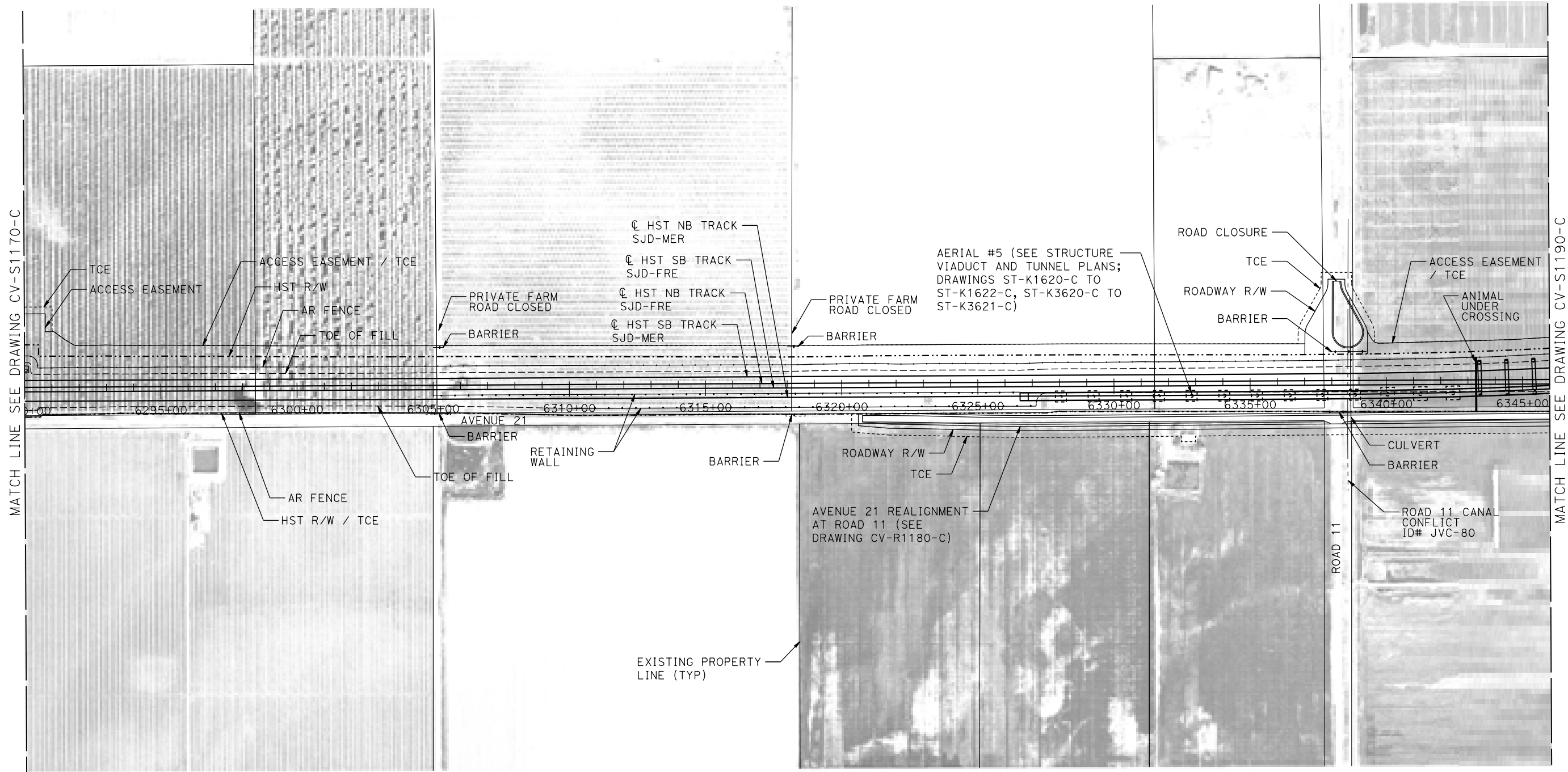
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CONSTRUCTION



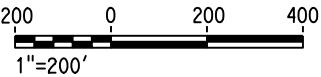
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6234+00 TO 6290+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1170-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



17-MAR-2016 1:23 MF-CV-S1180-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

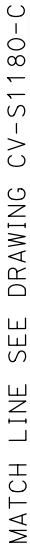
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6290+00 TO 6346+00

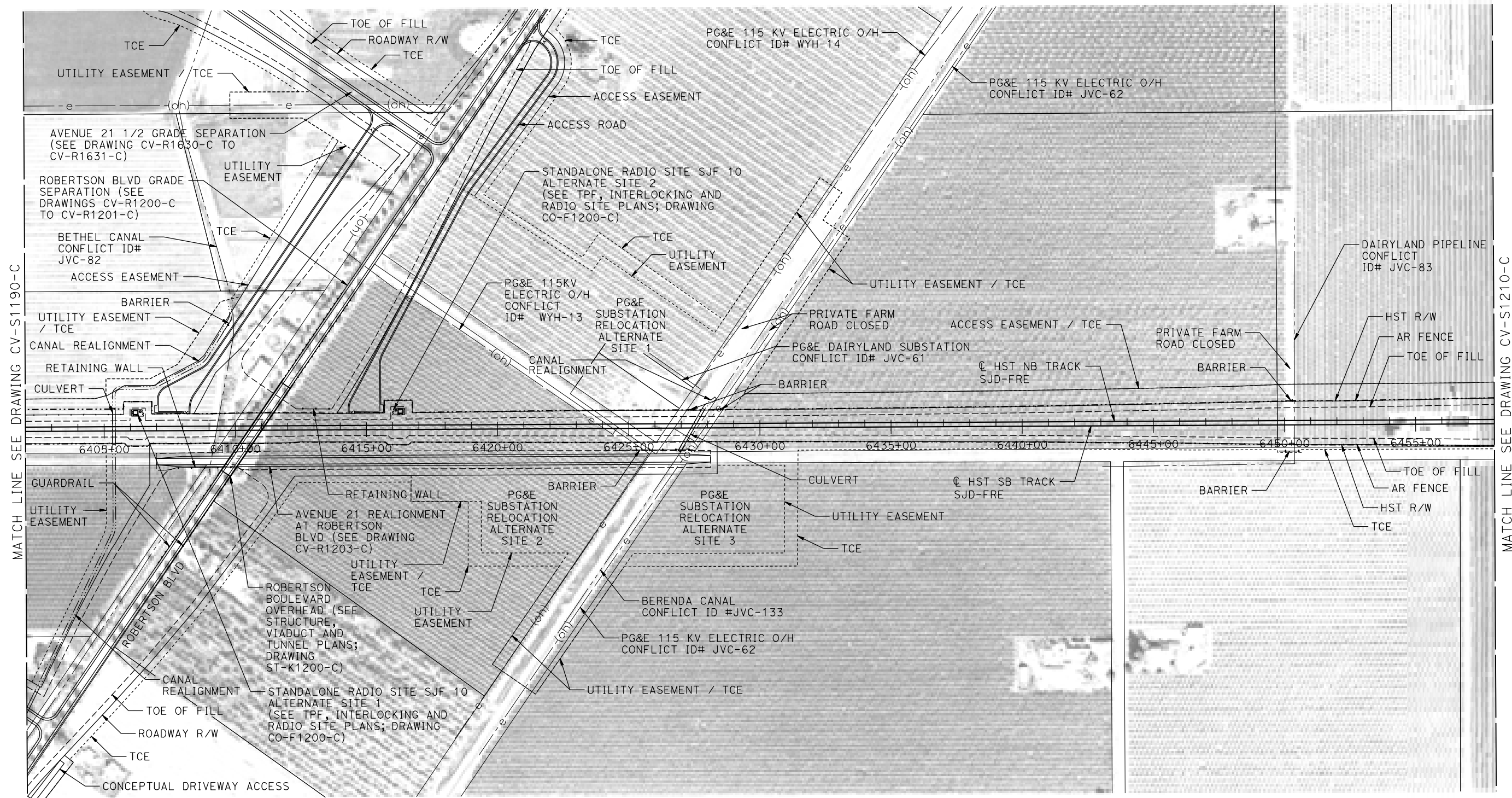
CONTRACT NO. HSR08-05
DRAWING NO. CV-S1180-C
SCALE 1"=200'
SHEET NO.



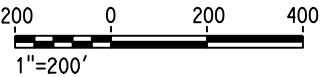
MATCH LINE SEE DRAWING CV-S1200-C

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1190-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1200-C.dgn
17-MAR-2016 11:25
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

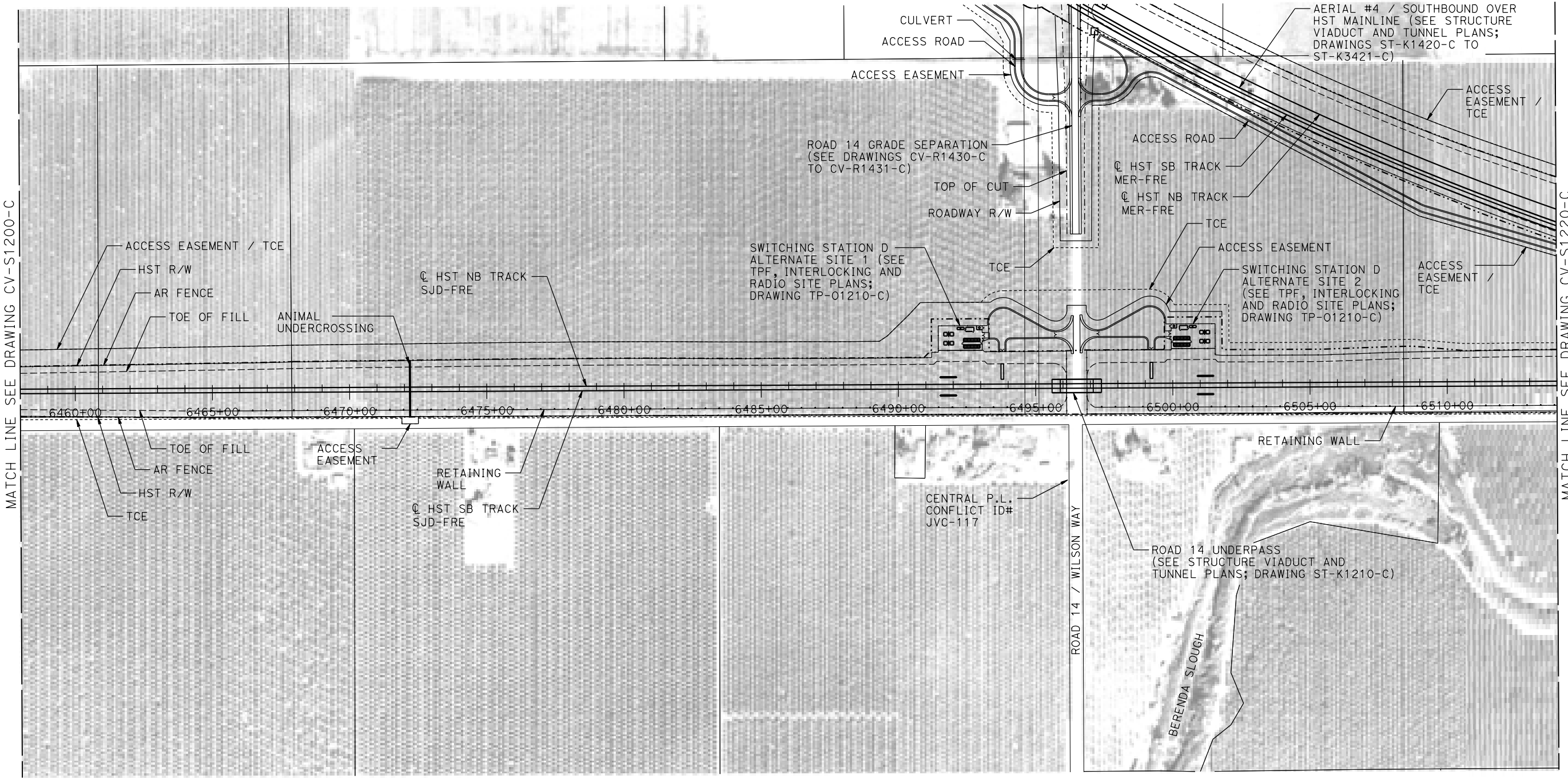
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CONSTRUCTION



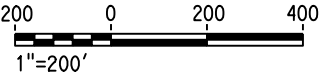
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6402+00 TO 6458+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1200-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

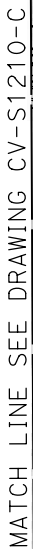
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6458+00 TO 6514+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1210-C
SCALE 1"=200'
SHEET NO.



MATCH LINE SEE DRAWING CV-S1230-C

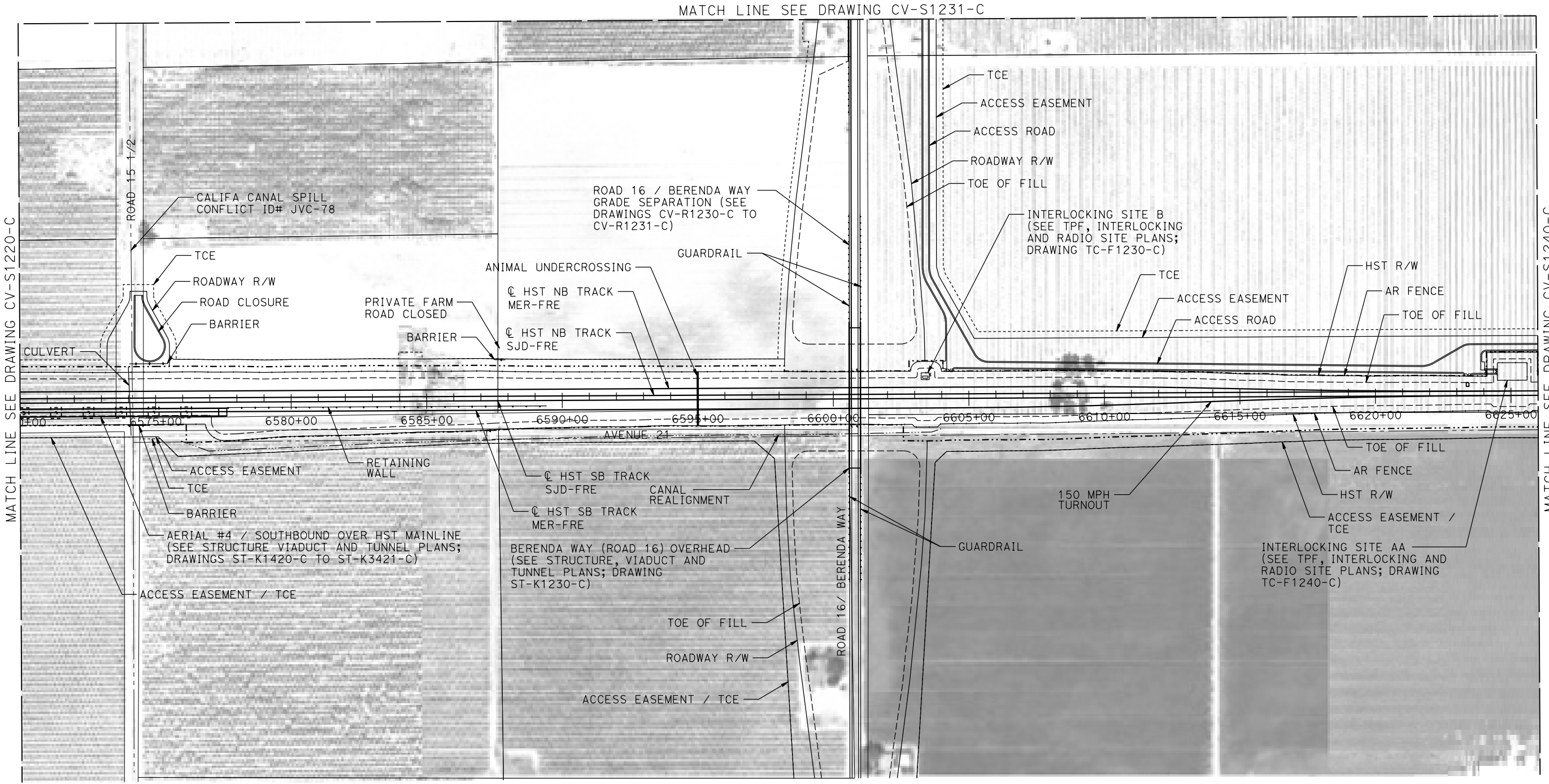
p005133A 17-M

DESIGNED BY	A. GURA
DRAWN BY	M. TACTAY
CHECKED BY	M. STANWIC
IN CHARGE	C. LEMLEY
DATE	03/18/2016

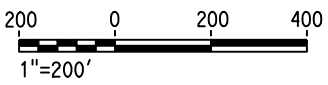


CONTRACT NO. HSR08-05
DRAWING NO. CV-S1220-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1230-C.dgn
17-MAR-2016 11:29
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

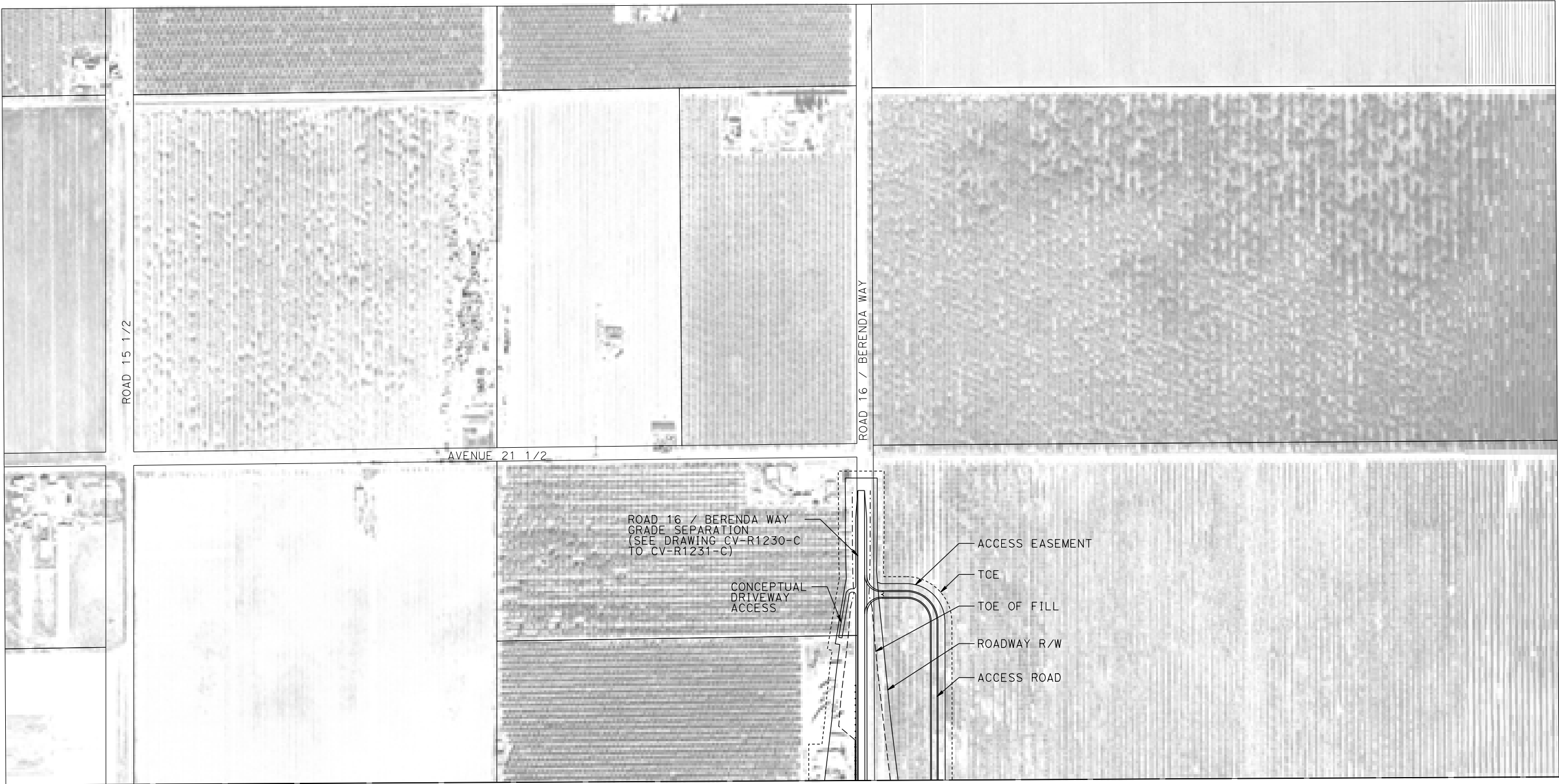
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6570+00 TO 6626+00

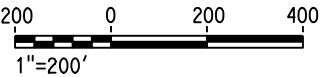
CONTRACT NO. HSR08-05
DRAWING NO. CV-S1230-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



MATCH LINE SEE DRAWING CV-S1230-C

PLAN



p005133a 17-MAR-2016 1:30 MF-CV-S1231-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

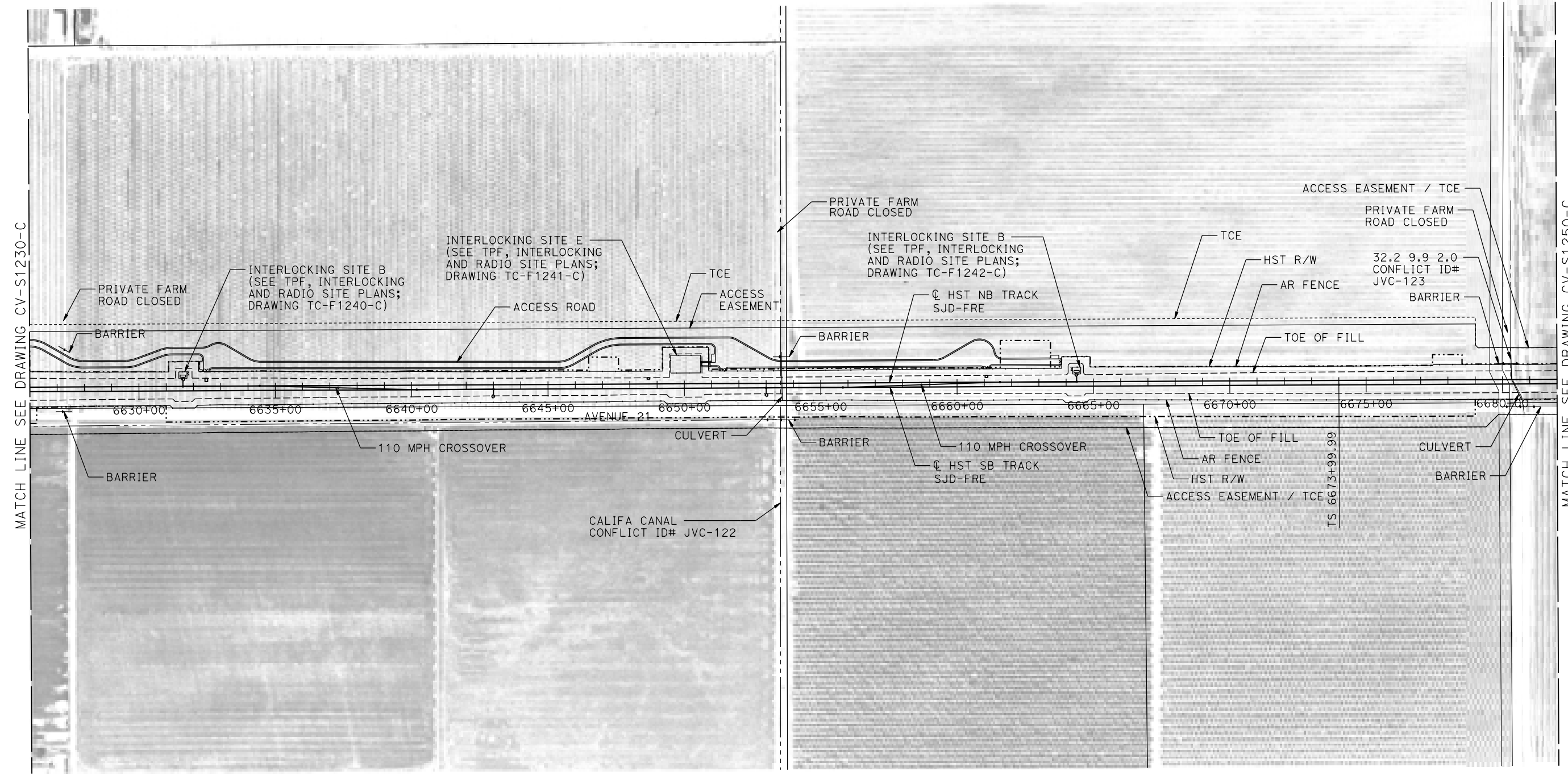
NOT FOR
CONSTRUCTION



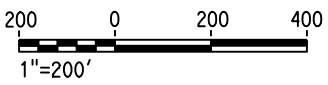
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE ACCESS ROAD

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1231-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 17-MAR-2016 11:30 MF-CV-S1240-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

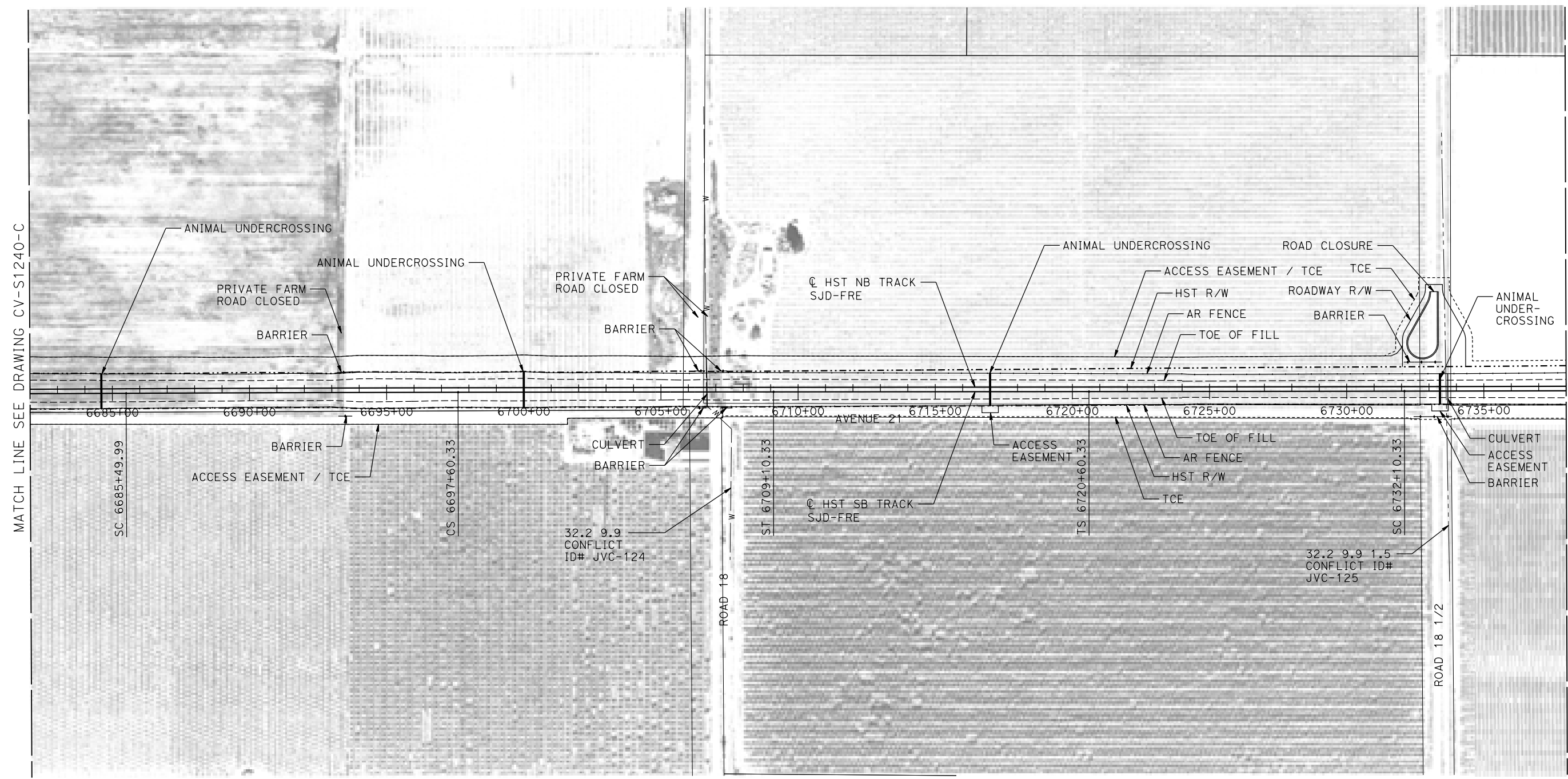
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CONSTRUCTION



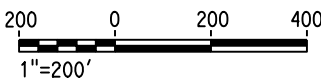
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6626+00 TO 6682+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1240-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 17-MAR-2016 1:31 MF-CV-S1250-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

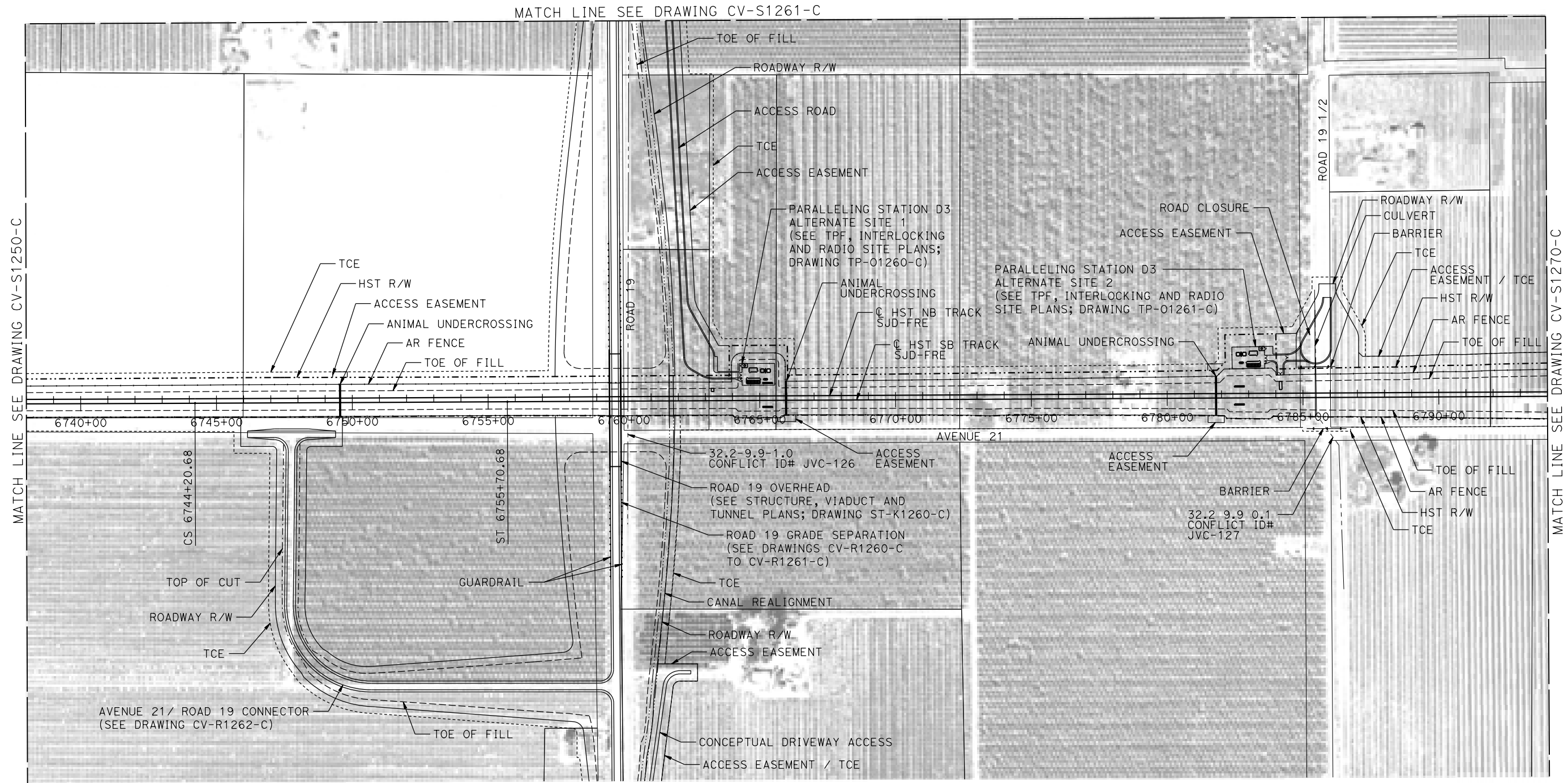
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CONSTRUCTION



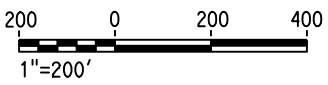
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6682+00 TO 6738+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1250-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1260-C.dgn 17-MAR-2016 1:32 0005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



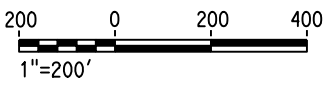
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6738+00 TO 6794+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1260-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



17-MAR-2016 1:33 MF-CV-S1261-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

**RECORD SET
15% DESIGN
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

**PARSONS**

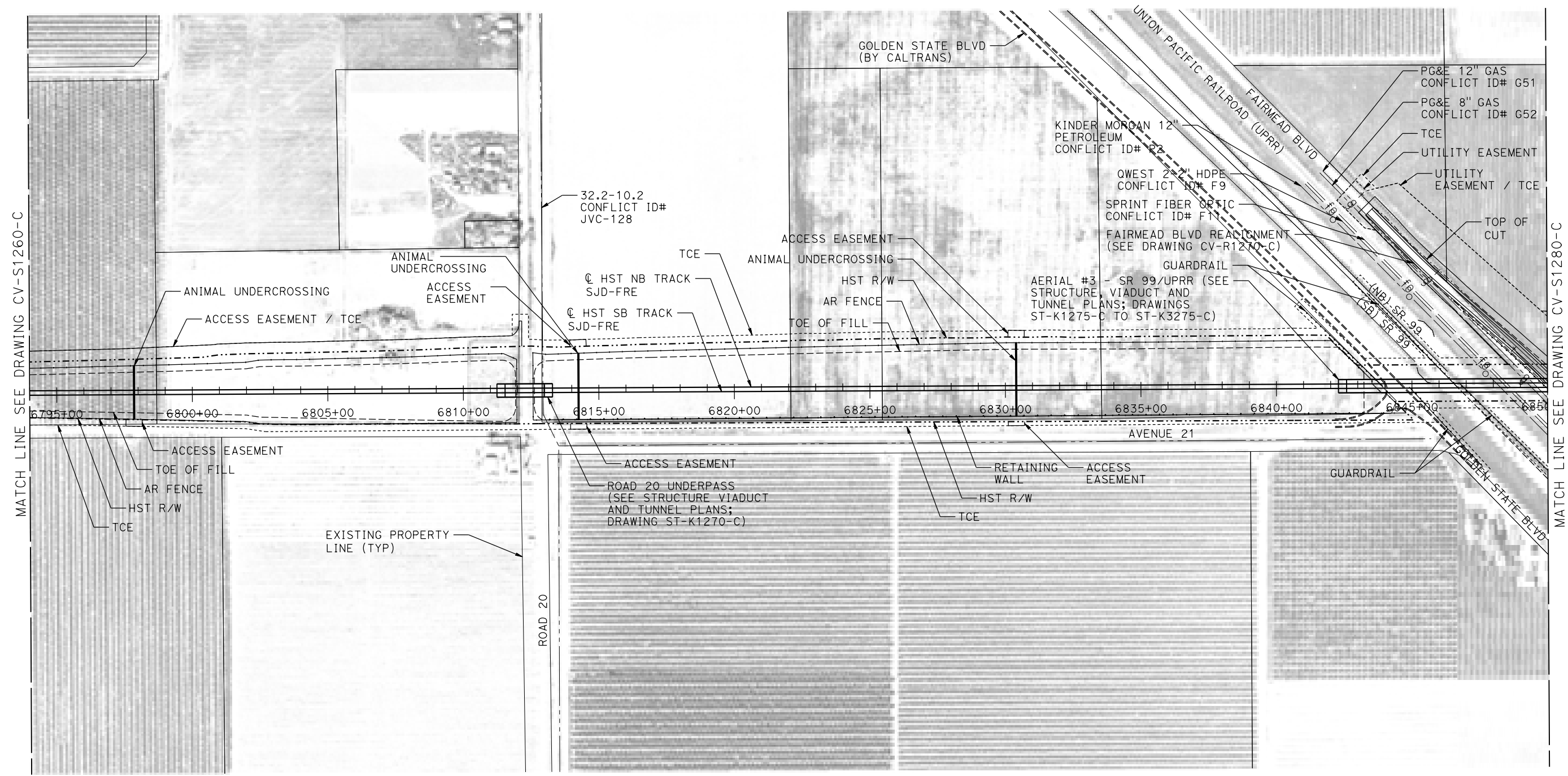
**CALIFORNIA**
HIGH-SPEED RAIL AUTHORITY

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION**

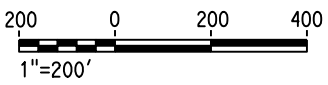
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE ACCESS ROAD

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1261-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1270-C.dgn 17-MAR-2016 11:34 p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

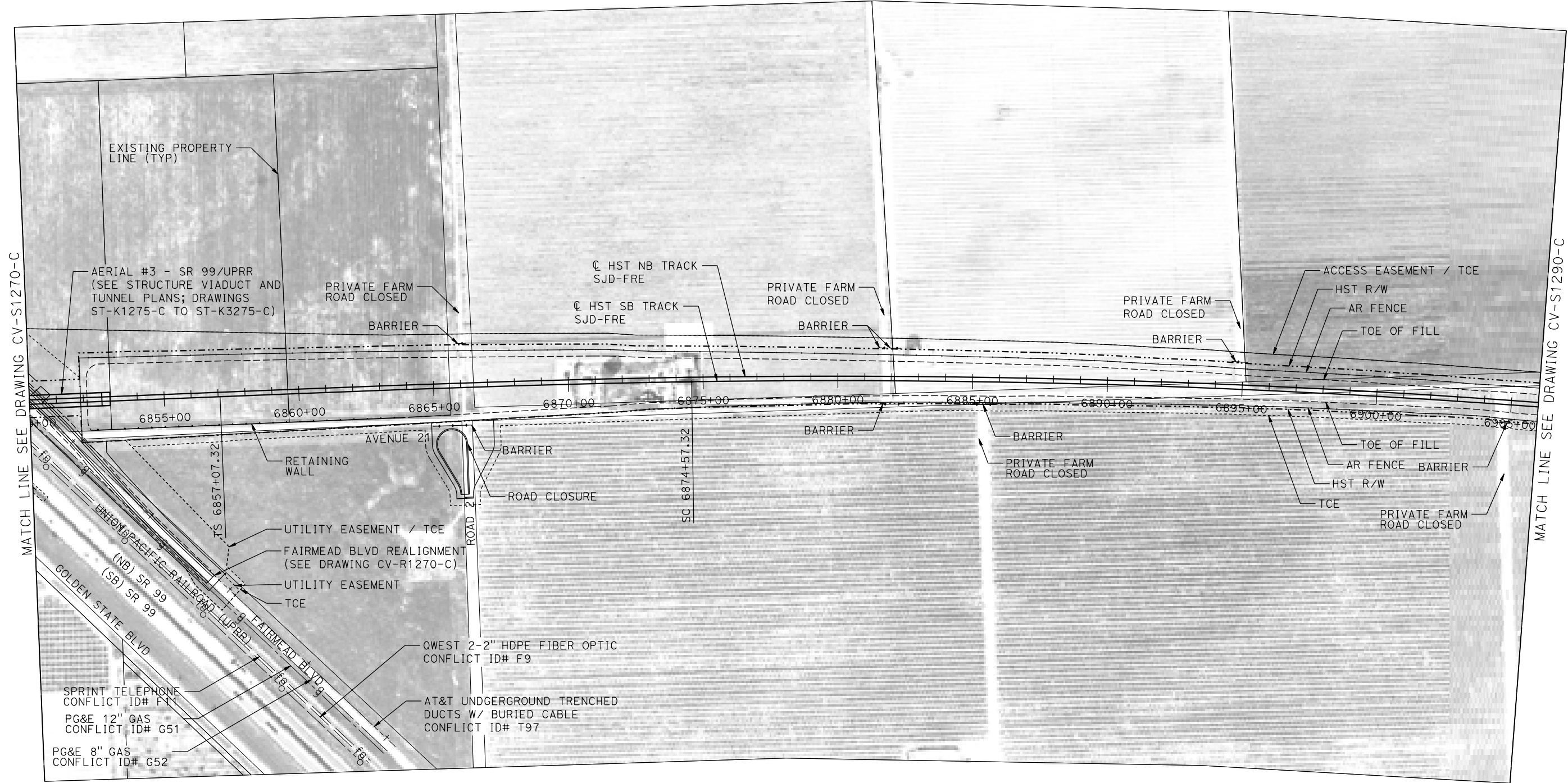
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CONSTRUCTION



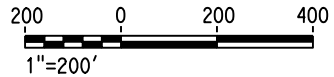
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6794+00 TO 6850+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1270-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1280-C.dgn
18-MAR-2016 13:52
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

**PARSONS**

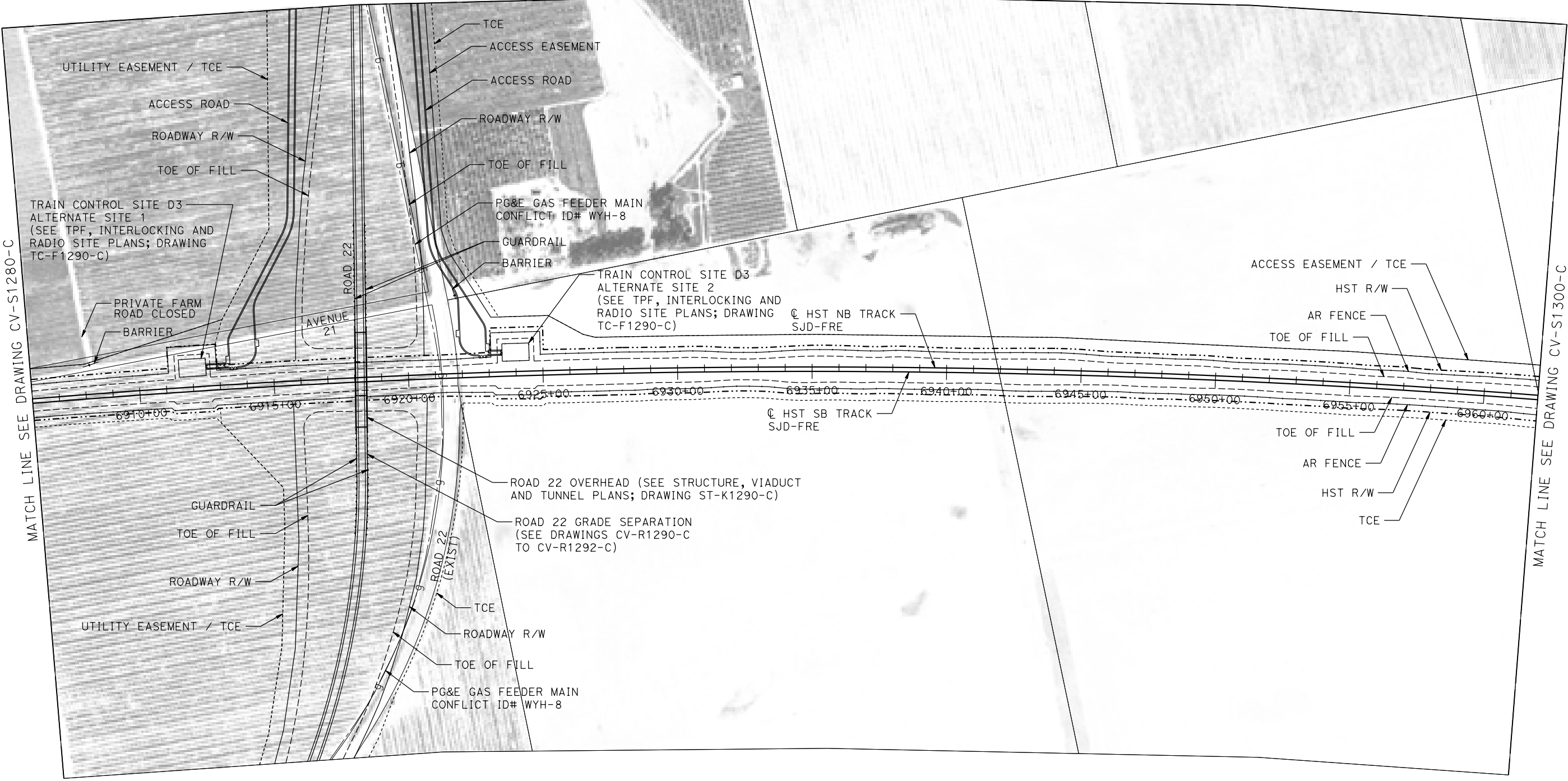
**CALIFORNIA**
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6850+00 TO 6906+00

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-S1280-C
SCALE
1"=200'
SHEET NO.

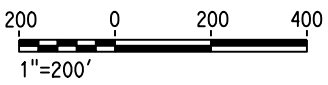
MADERA COUNTY

MATCH LINE SEE DRAWING CV-S1291-C



MATCH LINE SEE DRAWING CV-S1300-C

PLAN



MF-CV-S1290-C.dgn
17-MAR-2016 11:36
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6906+00 TO 6962+00

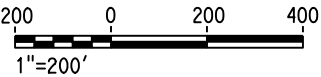
CONTRACT NO. HSR08-05
DRAWING NO. CV-S1290-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



MATCH LINE SEE DRAWING CV-S1290-C

PLAN



18-MAR-2016 3:53 MF-CV-S1291-C.dgn

0005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

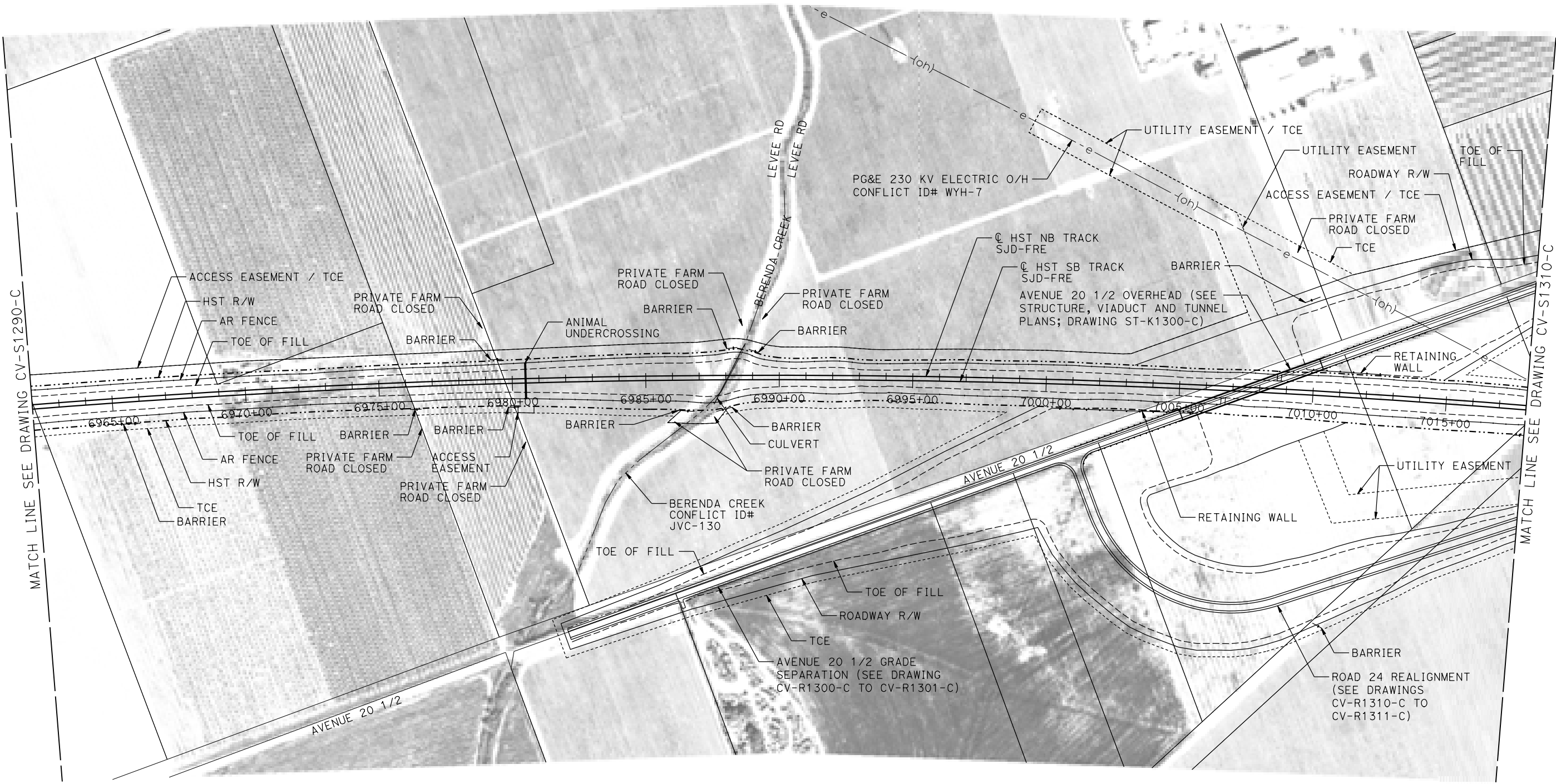


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

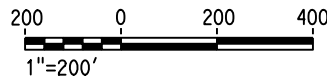
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE ACCESS ROAD

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1291-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 17-MAR-2016 1:37 MF-CV-S1300-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

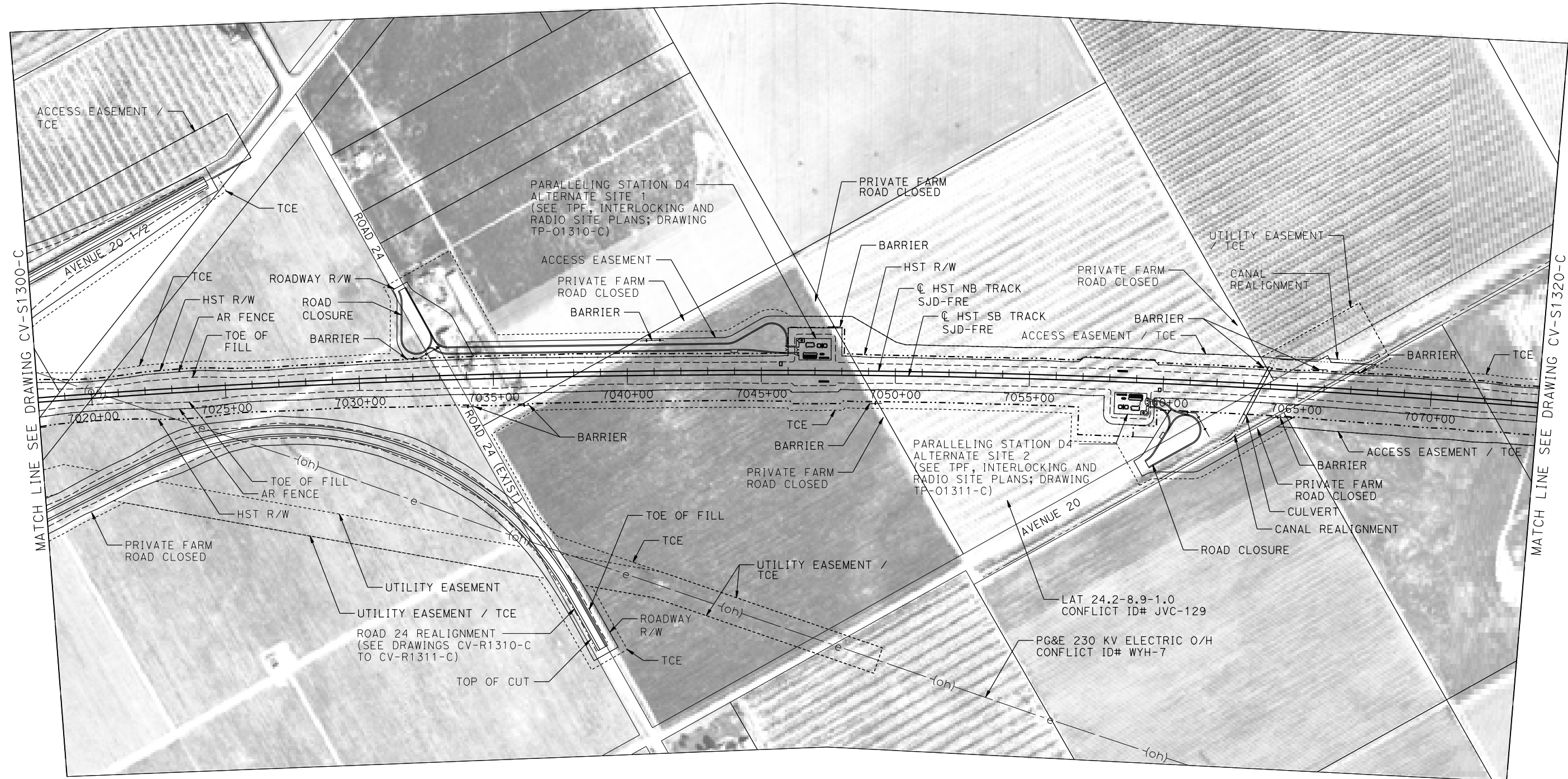
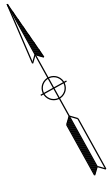
**PARSONS**

**CALIFORNIA**
HIGH-SPEED RAIL AUTHORITY

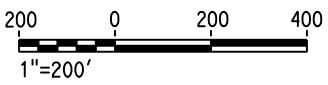
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 6962+00 TO 7018+00

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-S1300-C
SCALE
1"=200'
SHEET NO.

MADERA COUNTY



PLAN



17-MAR-2016 11:37 MF-CV-S1310-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
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SUBMITTAL

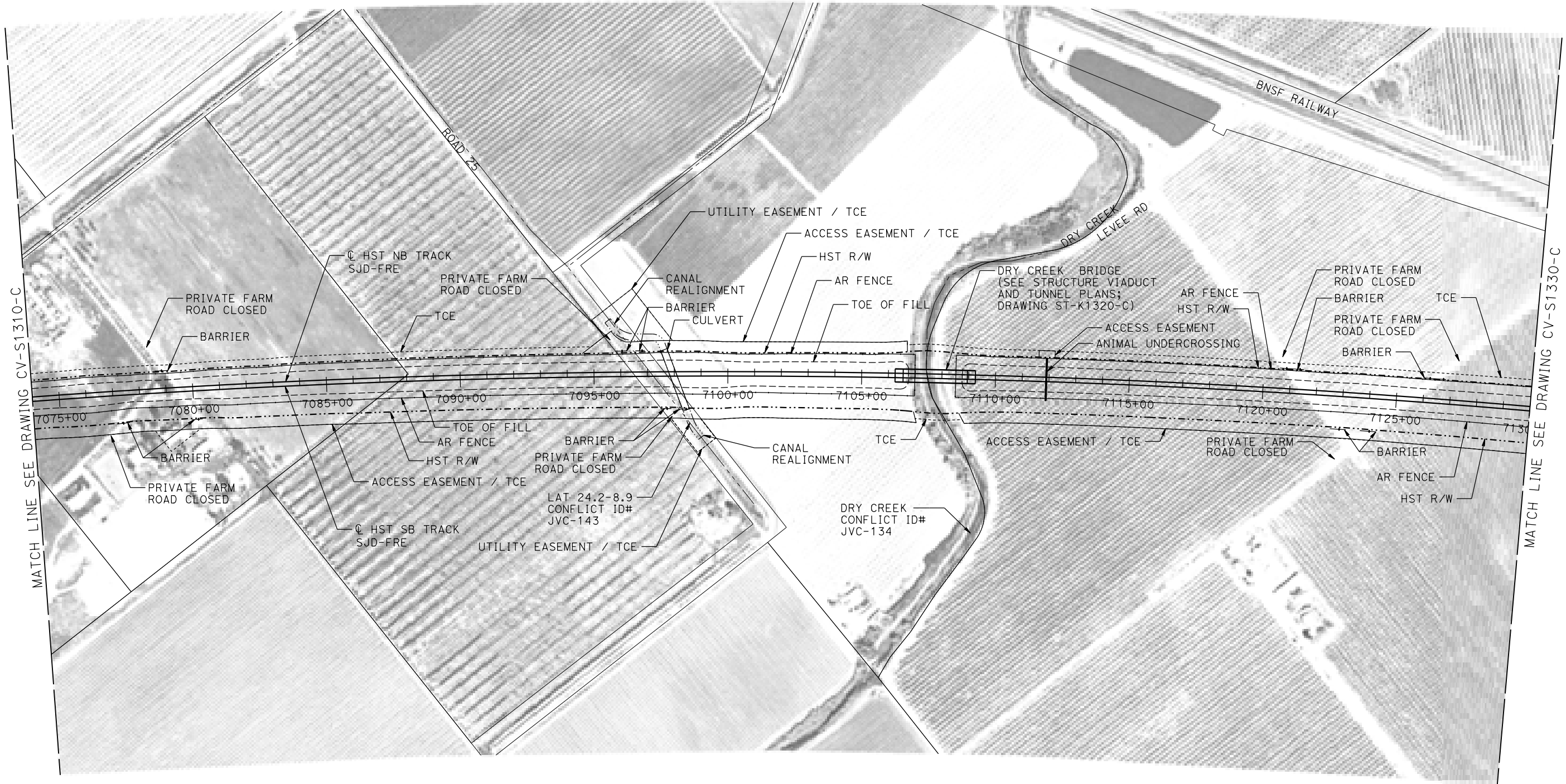
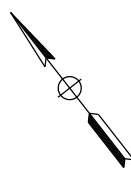
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CONSTRUCTION



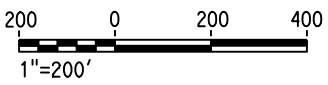
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 7018+00 TO 7074+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1310-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 17-MAR-2016 11:38 MF-CV-S1320-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

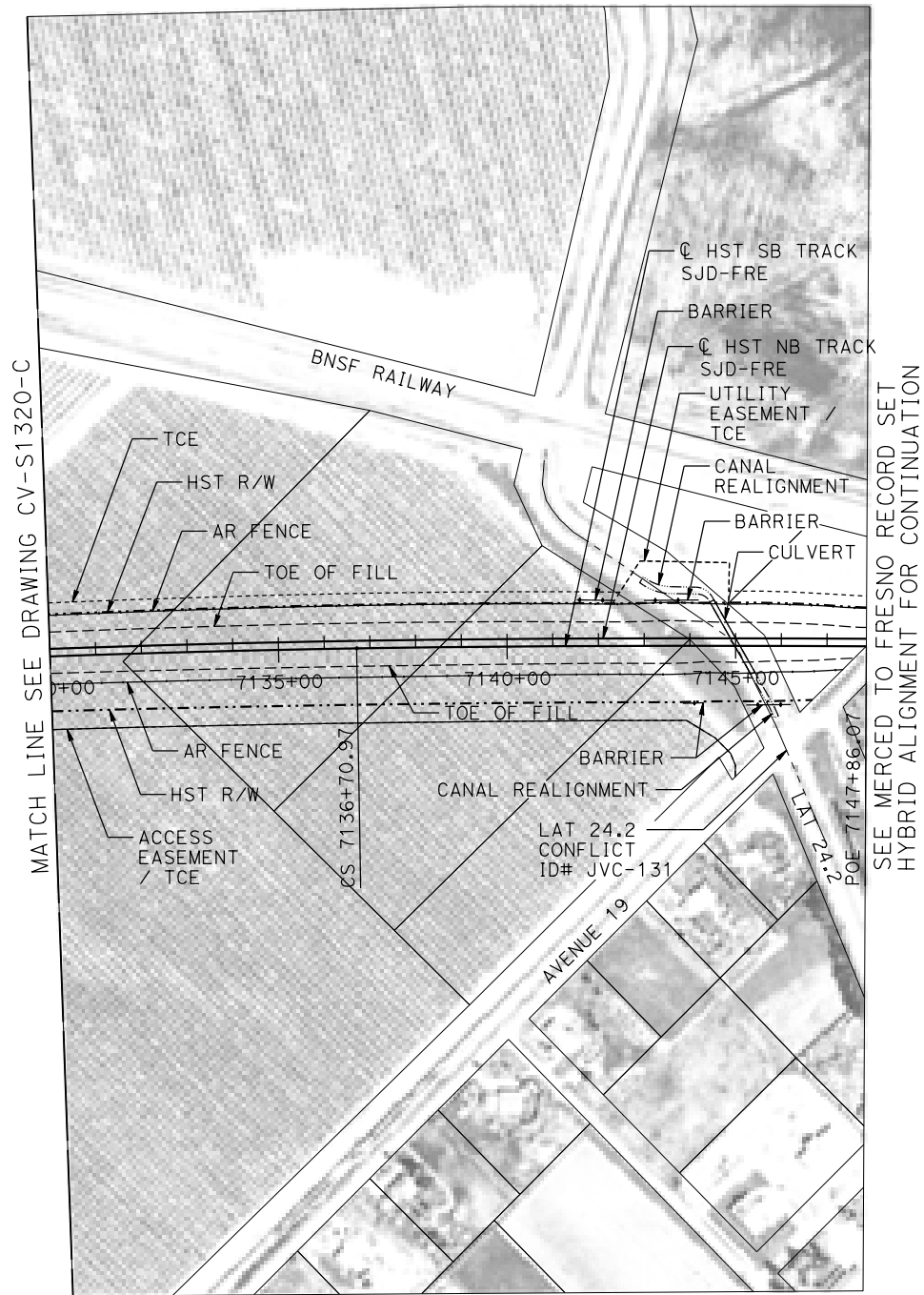
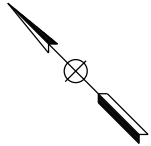
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CONSTRUCTION



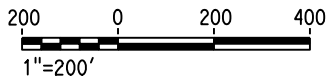
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 7074+00 TO 7130+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1320-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



18-MAR-2016 13:53 MF-CV-S1330-C.dgn

0005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

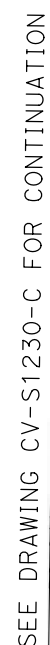
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-FRE STA 7130+00 TO 7147+86.07

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1330-C
SCALE 1"=200'
SHEET NO.

\in 

MATCH LINE SEE DRAWING CV-S1420-C

17-

P0005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

PARSONS

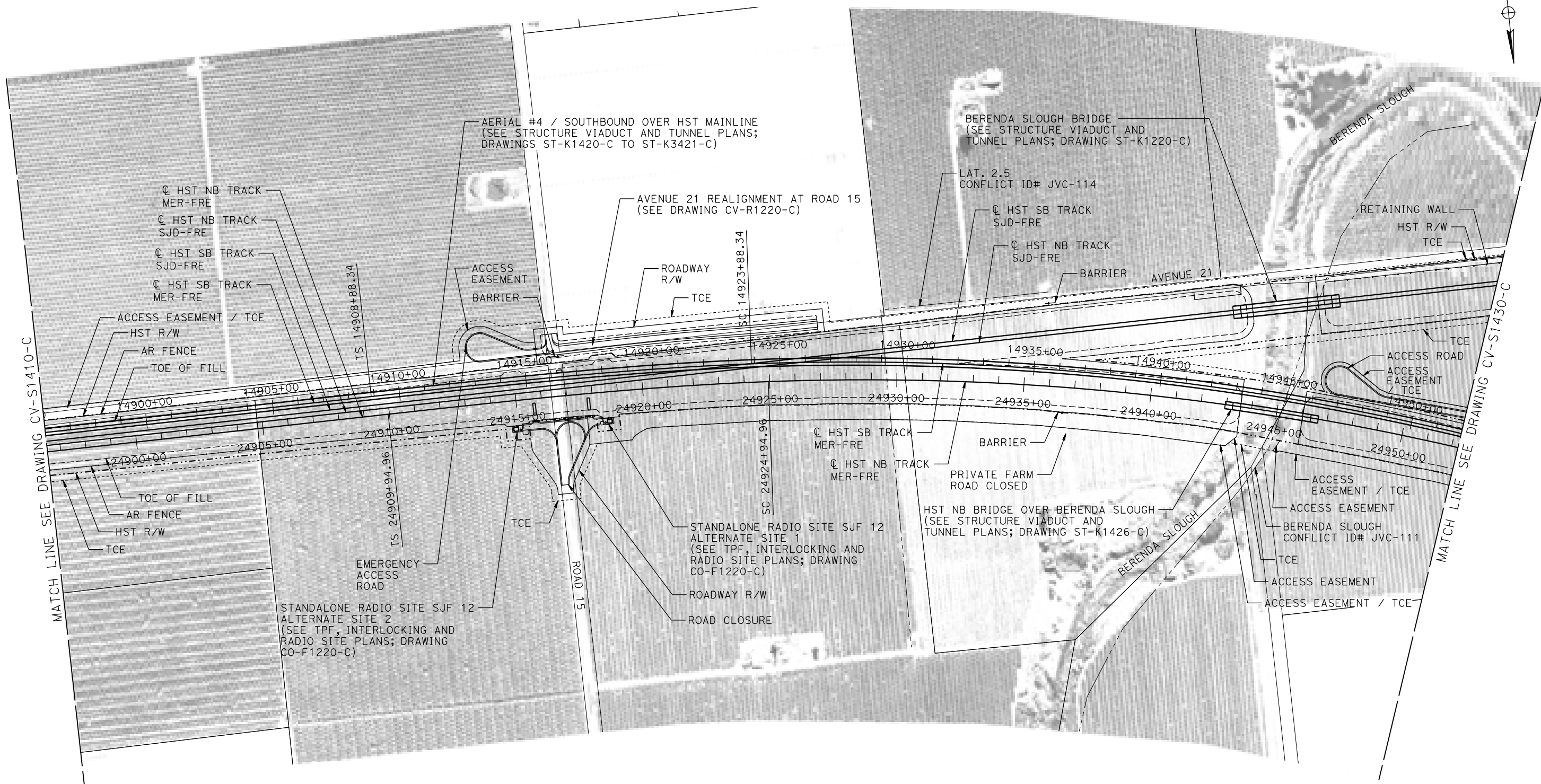
CALIFORNIA
HIGH-SPEED RAIL AUTHORITY

CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

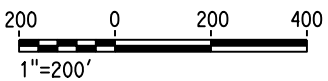
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 14840+00 TO 14896+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1410-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1420-C.dgn
17-MAR-2016 11:40
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

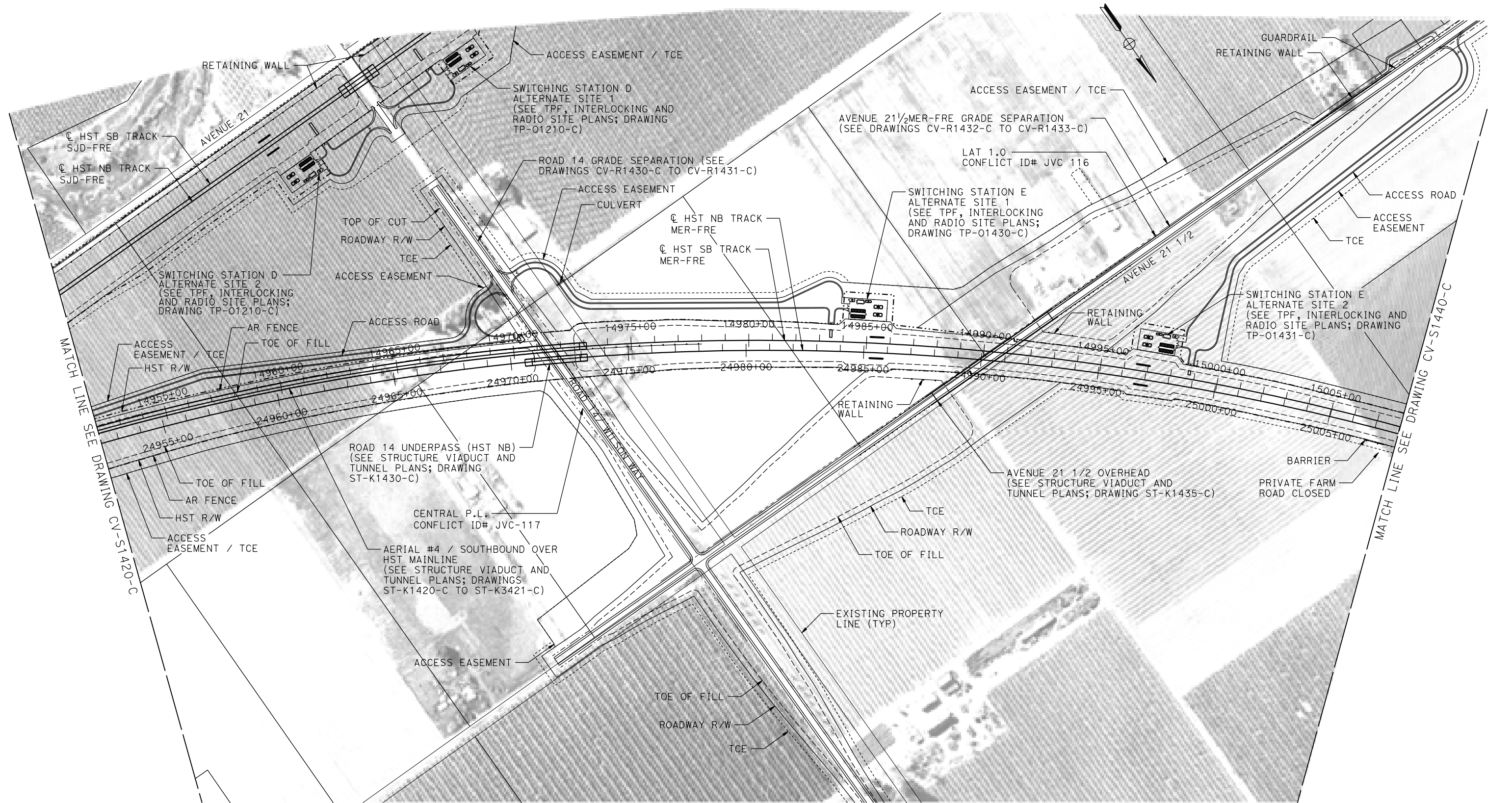
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SUBMITTAL

NOT FOR
CONSTRUCTION

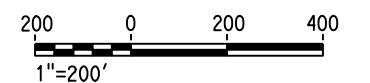


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 14896+00 TO 14952+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1420-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY

PLAN



17-A						
D005133A	REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	A. GURA
DRAWN BY	M. TACTAY
CHECKED BY	M. STANWIC
IN CHARGE	C. LEMLEY
DATE	03/18/2016

**RECORD SET
15% DESIGN
SUBMITTAL**

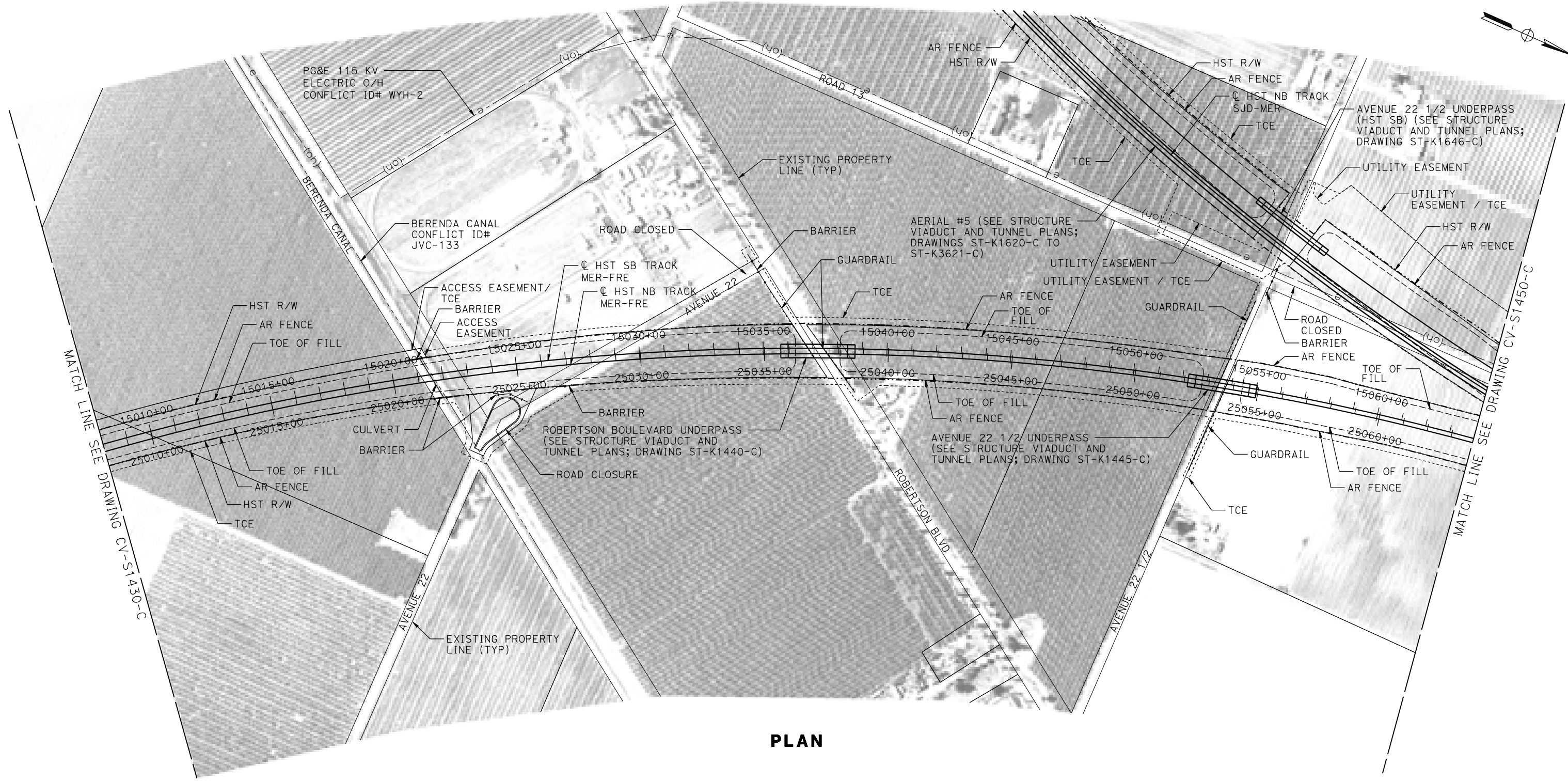
**NOT FOR
CONSTRUCTION**

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION**

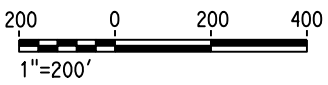
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 14952+00 TO 15008+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1430-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 18-MAR-2016 4:53 MF-CV-S1440-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
M. STANWIC
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15008+00 TO 15064+00

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-S1440-C
SCALE
1"=200'
SHEET NO.



REV	DATE	BY	CHK	APP	DESCRIPTION

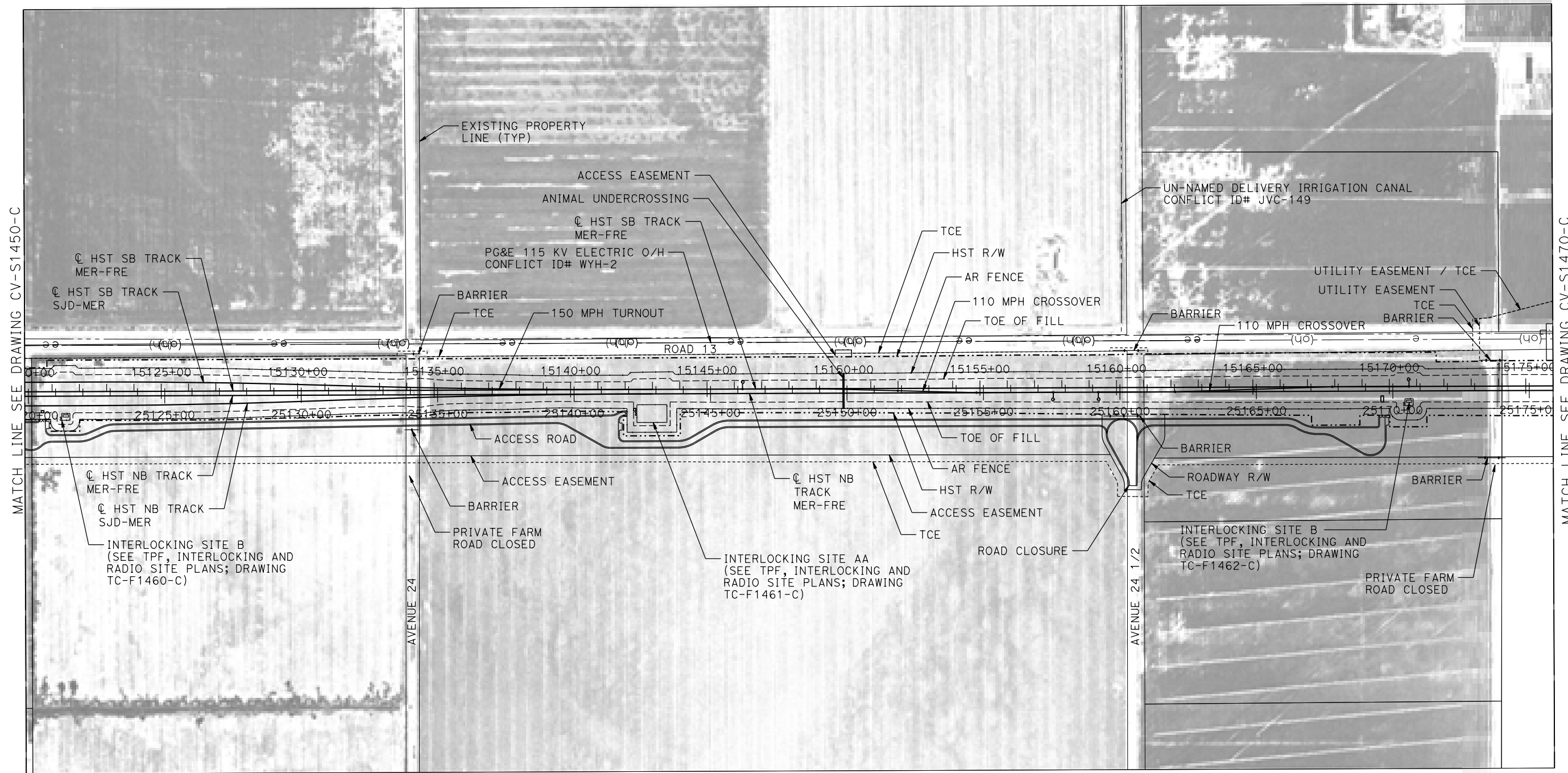
DESIGNED BY	A. GURA
DRAWN BY	M. TACTAY
CHECKED BY	M. STANWIC
IN CHARGE	C. LEMLEY
DATE	03/18/2016



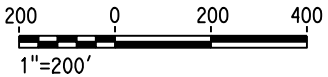
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
 CENTRAL VALLEY WYE
 AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
 CIVIL PLAN
 MER-FRE STA 15064+00 TO 15120+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1450-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



18-MAR-2016 4:54 MF-CV-S1460-C.dgn

0005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

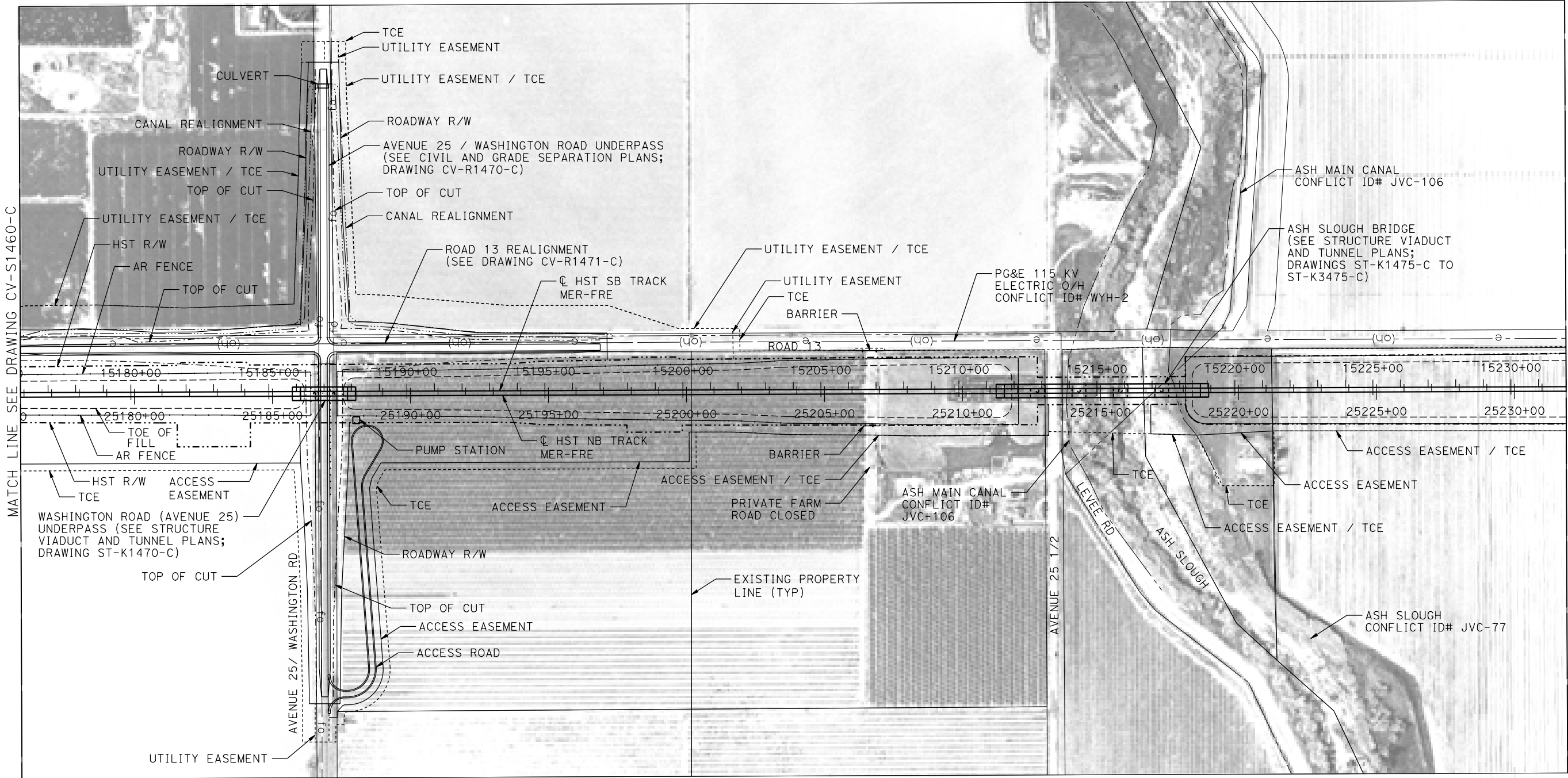


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15120+00 TO 15176+00

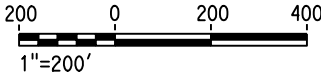
CONTRACT NO. HSR08-05
DRAWING NO. CV-S1460-C
SCALE 1"=200'
SHEET NO.



MADERA COUNTY



PLAN



p005133a 17-MAR-2016 11:44 MF-CV-S1470-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

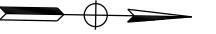
NOT FOR
CONSTRUCTION

**PARSONS**

**CALIFORNIA**
HIGH-SPEED RAIL AUTHORITY

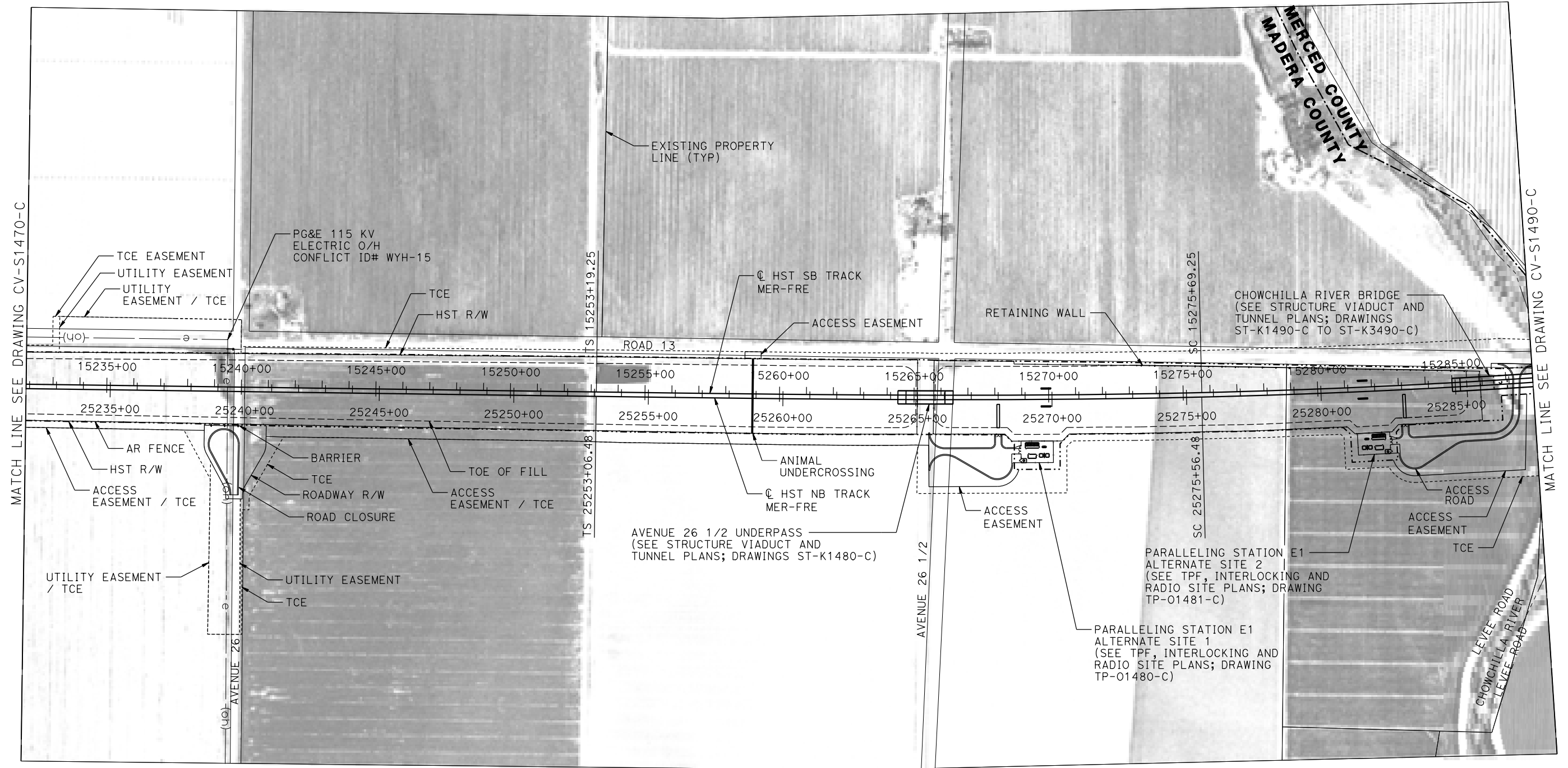
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15176+00 TO 15232+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1470-C
SCALE 1"=200'
SHEET NO.



MADERA COUNTY

MERCED COUNTY



PLAN



17-MAR-2016 11:45 MF-CV-S1480-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

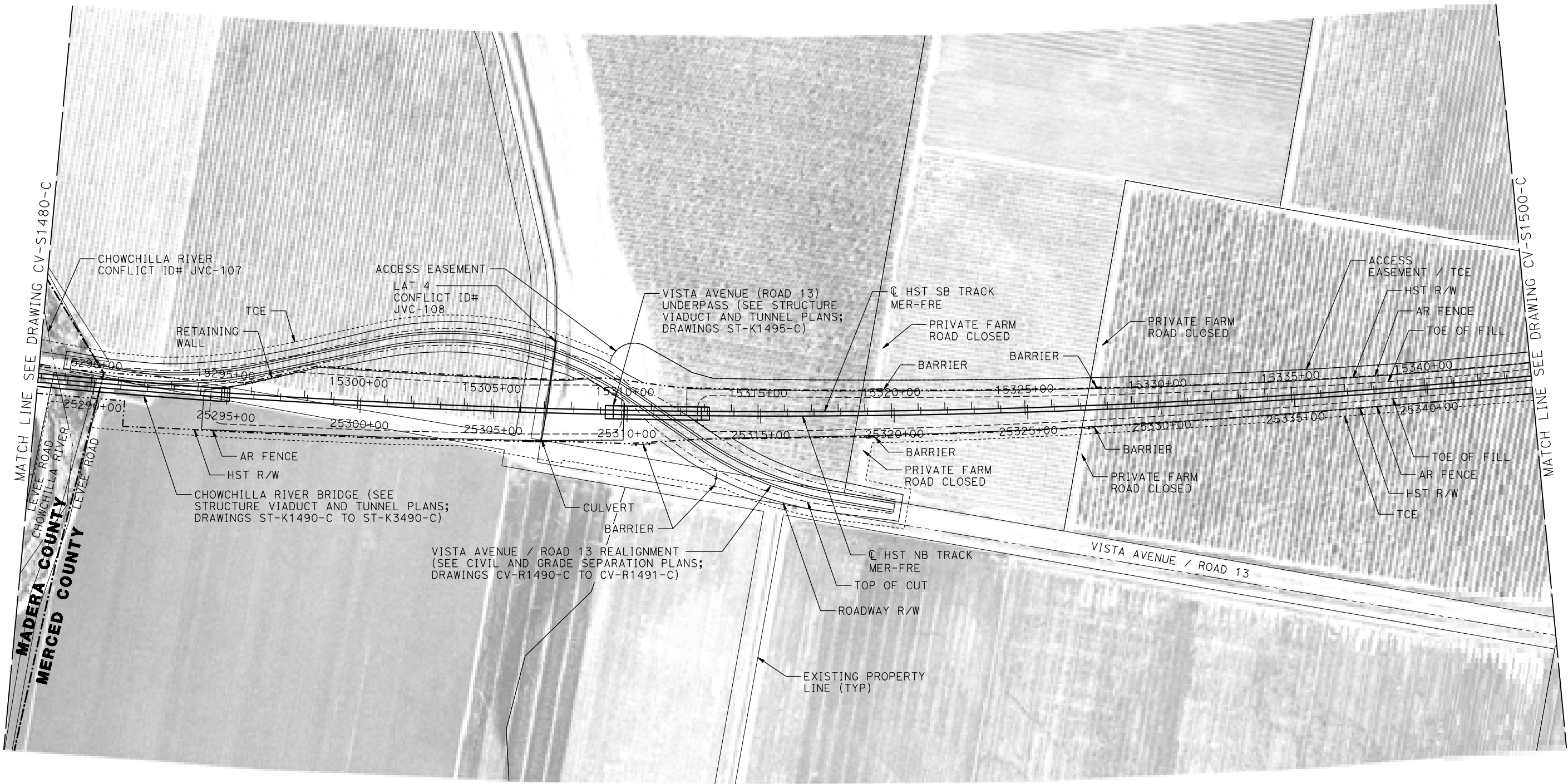


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15232+00 TO 15288+00

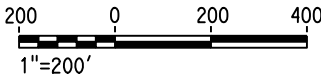
CONTRACT NO. HSR08-05
DRAWING NO. CV-S1480-C
SCALE 1"=200'
SHEET NO.



MERCED COUNTY



PLAN



p005133a 17-MAR-2016 11:46 MF-CV-S1490-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

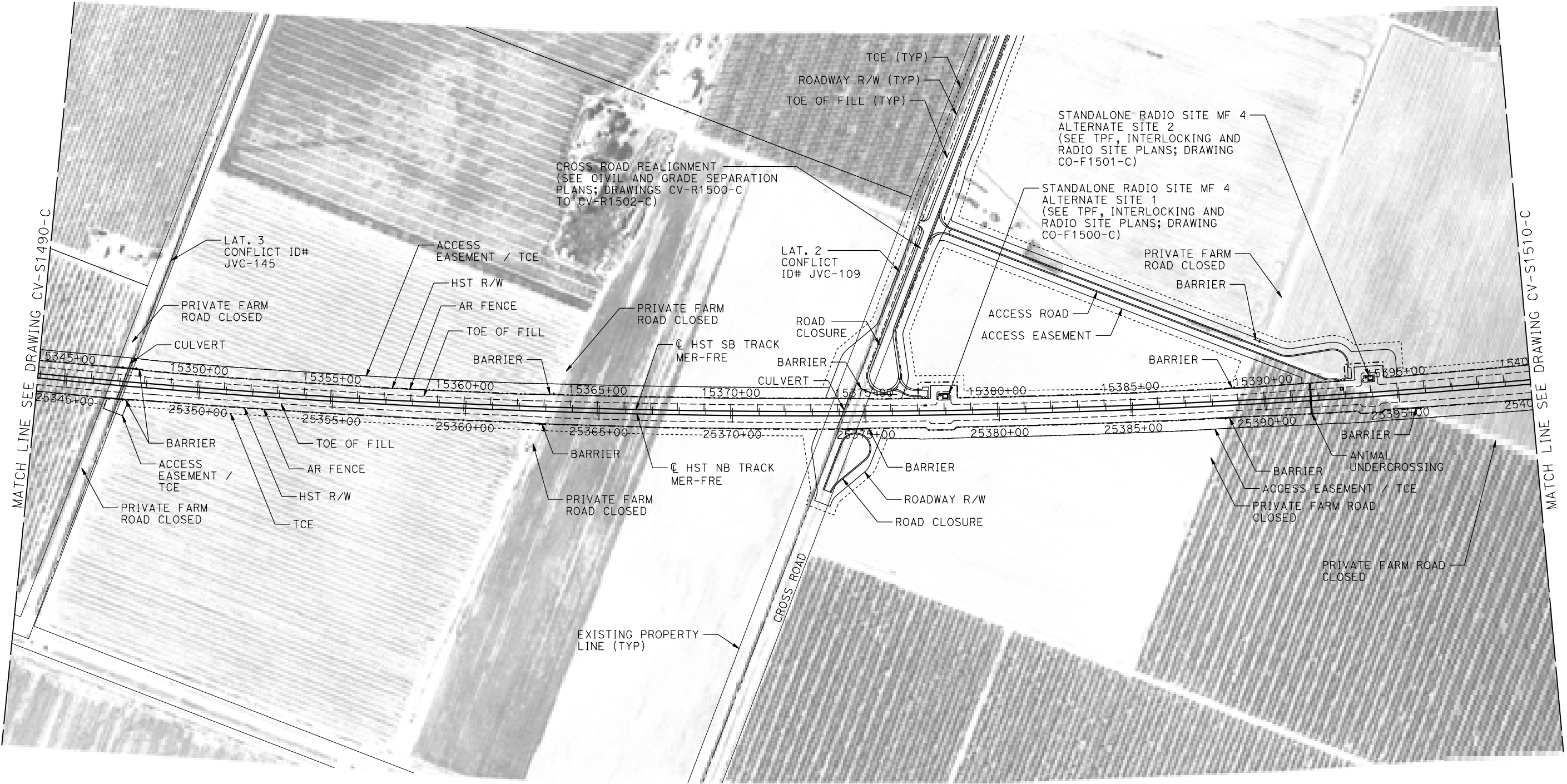
NOT FOR
CONSTRUCTION



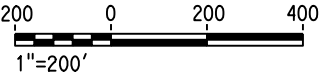
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15288+00 TO 15344+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1490-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



p005133a 17-MAR-2016 11:46 MF-CV-S1500-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



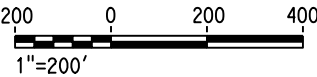
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15344+00 TO 15400+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1500-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



p005133a 17-MAR-2016 11:47 MF-CV-S1510-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

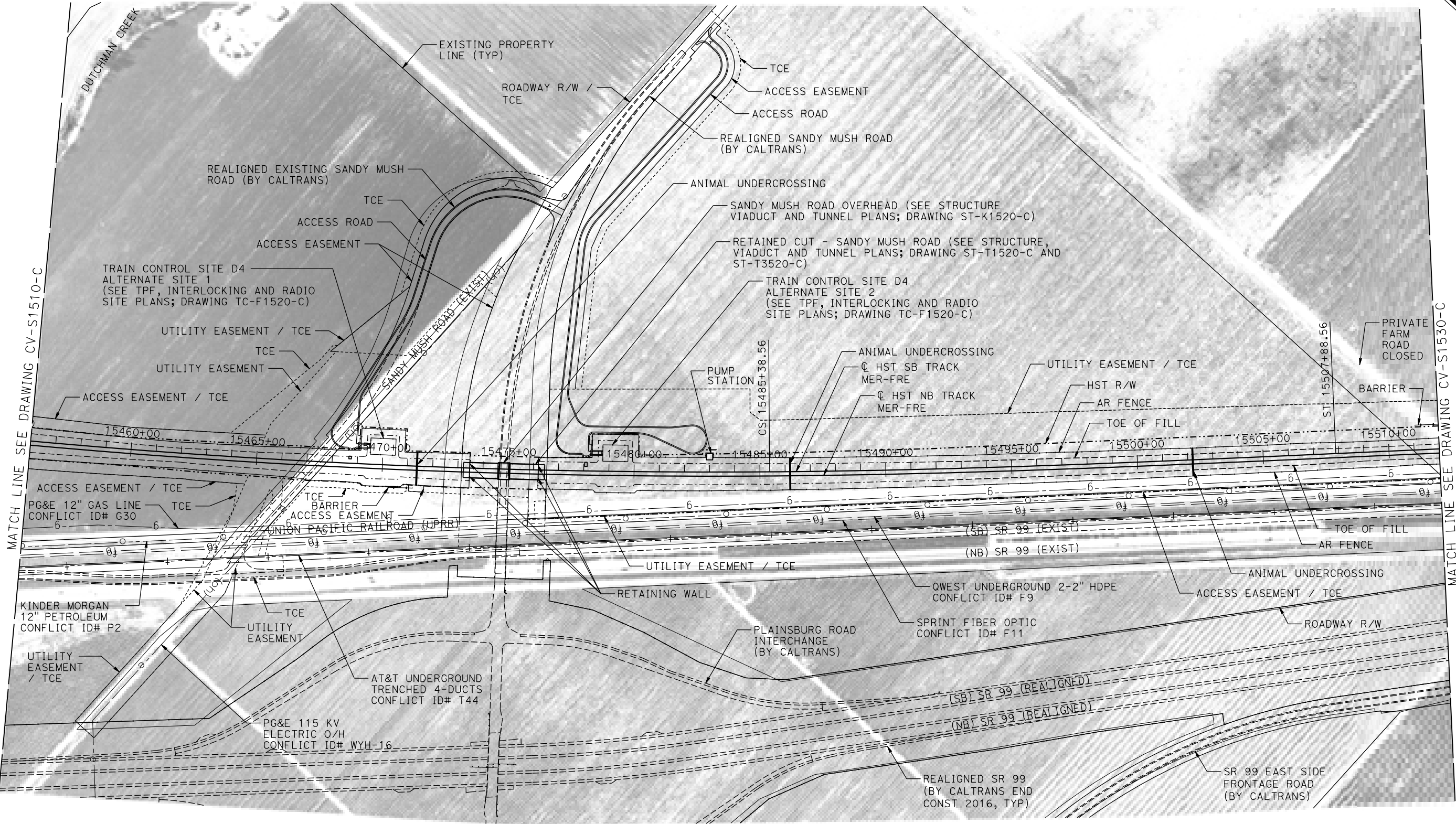
NOT FOR
CONSTRUCTION



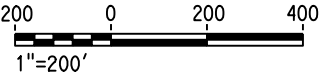
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15400+00 TO 15456+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1510-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



MF-CV-S1520-C.dgn
17-MAR-2016 1:47
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

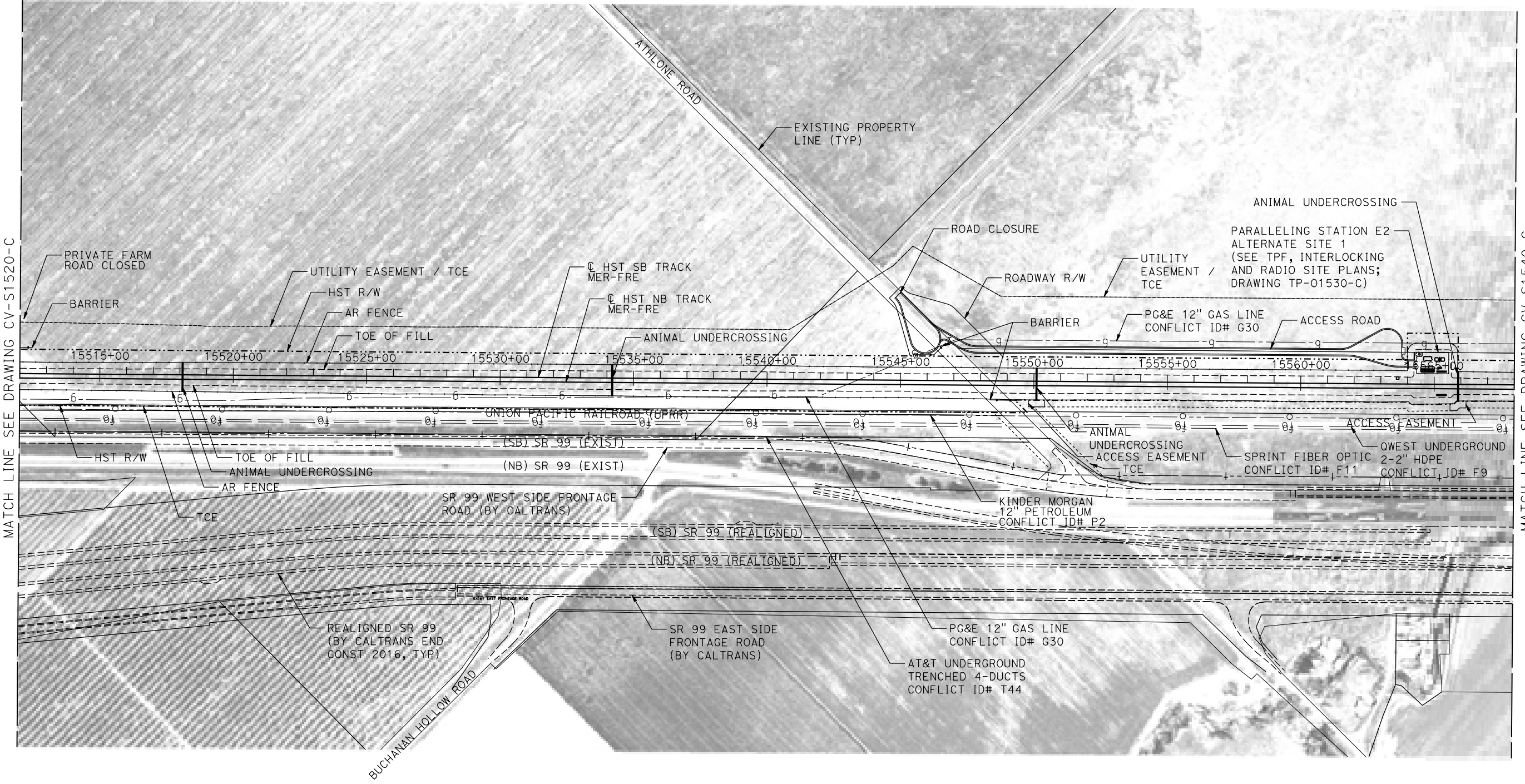
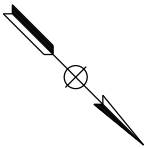
NOT FOR
CONSTRUCTION



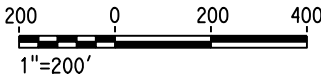
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15456+00 TO 15512+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1520-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



17-MAR-2016 11:48 MF-CV-S1530-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

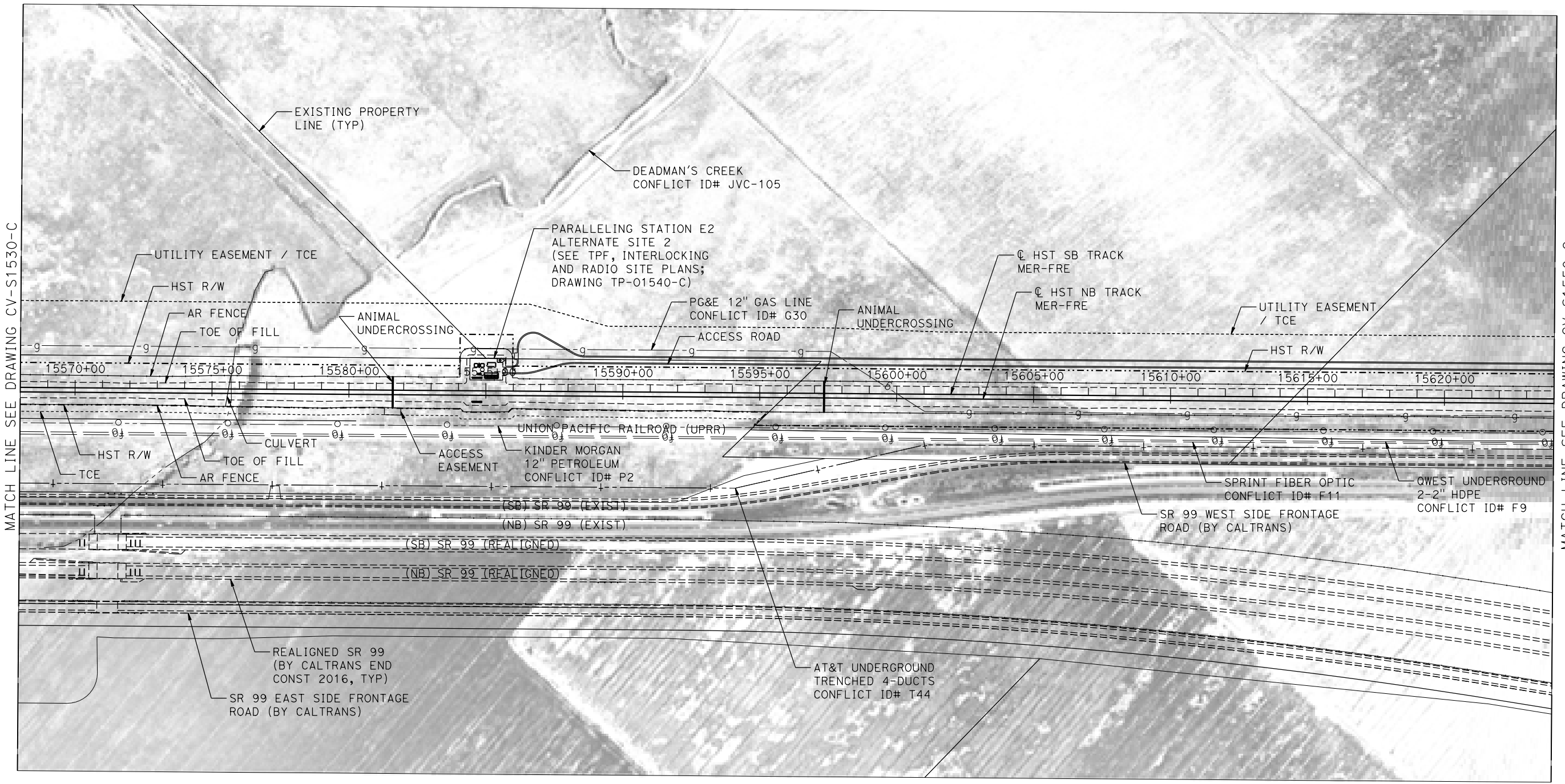
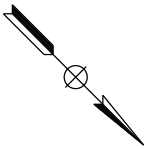
NOT FOR
CONSTRUCTION



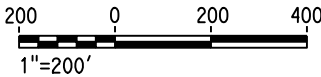
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15512+00 TO 15568+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1530-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



p005133a 17-MAR-2016 11:48 MF-CV-S1540-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

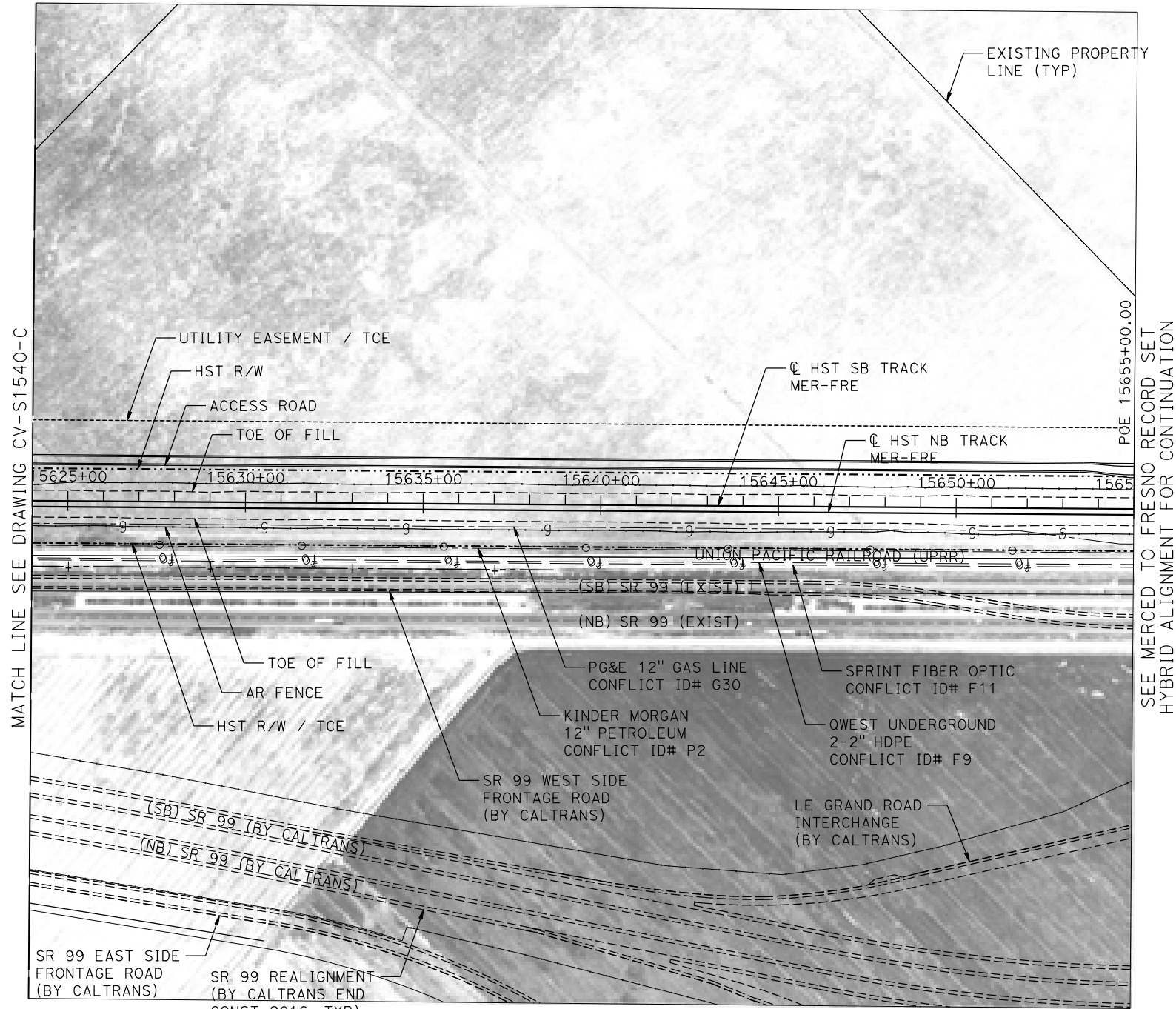


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

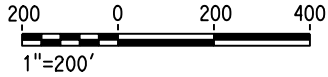
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15568+00 TO 15624+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1540-C
SCALE 1"=200'
SHEET NO.

MERCED COUNTY



PLAN



17-MAR-2016 11:49 MF-CV-S1550-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

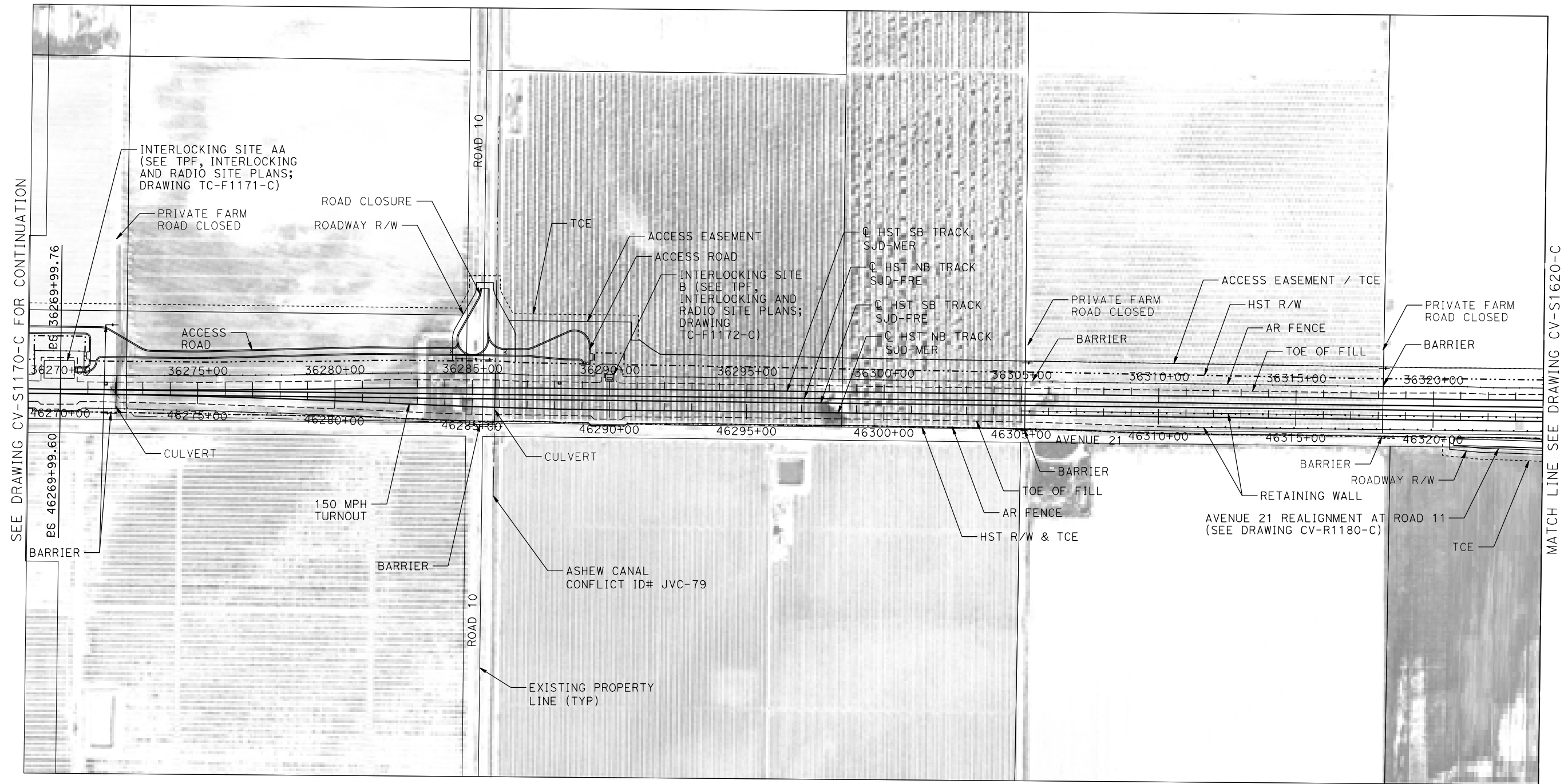
NOT FOR
CONSTRUCTION



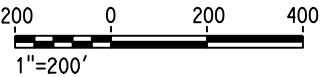
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
MER-FRE STA 15624+00 TO 15655+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1550-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 18-MAR-2016 4:55 MF-CV-S1610-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

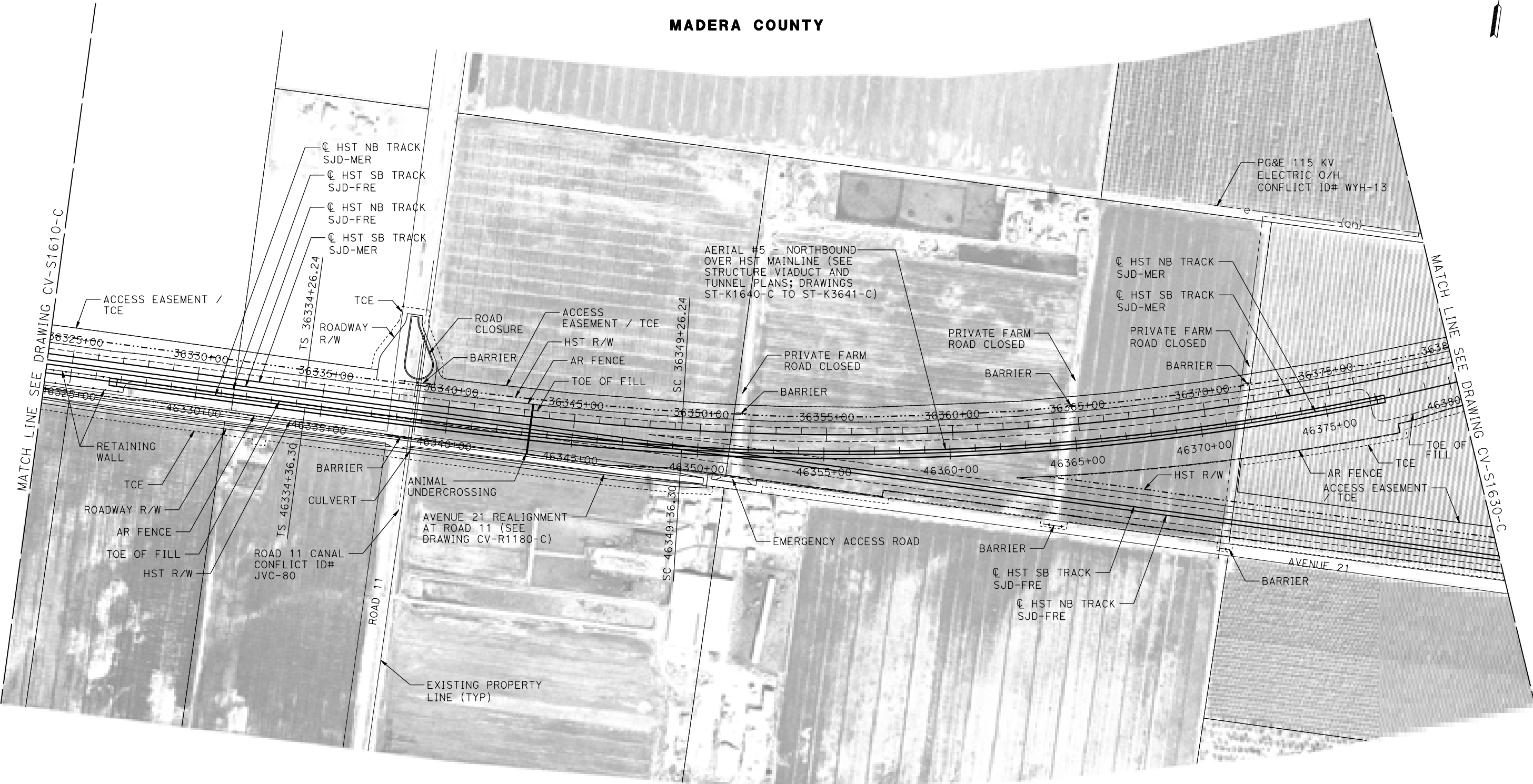
NOT FOR
CONSTRUCTION



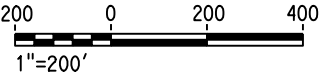
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-MER STA 36268+00 TO 36324+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1610-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 18-MAR-2016 13:55 MF-CV-S1620-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

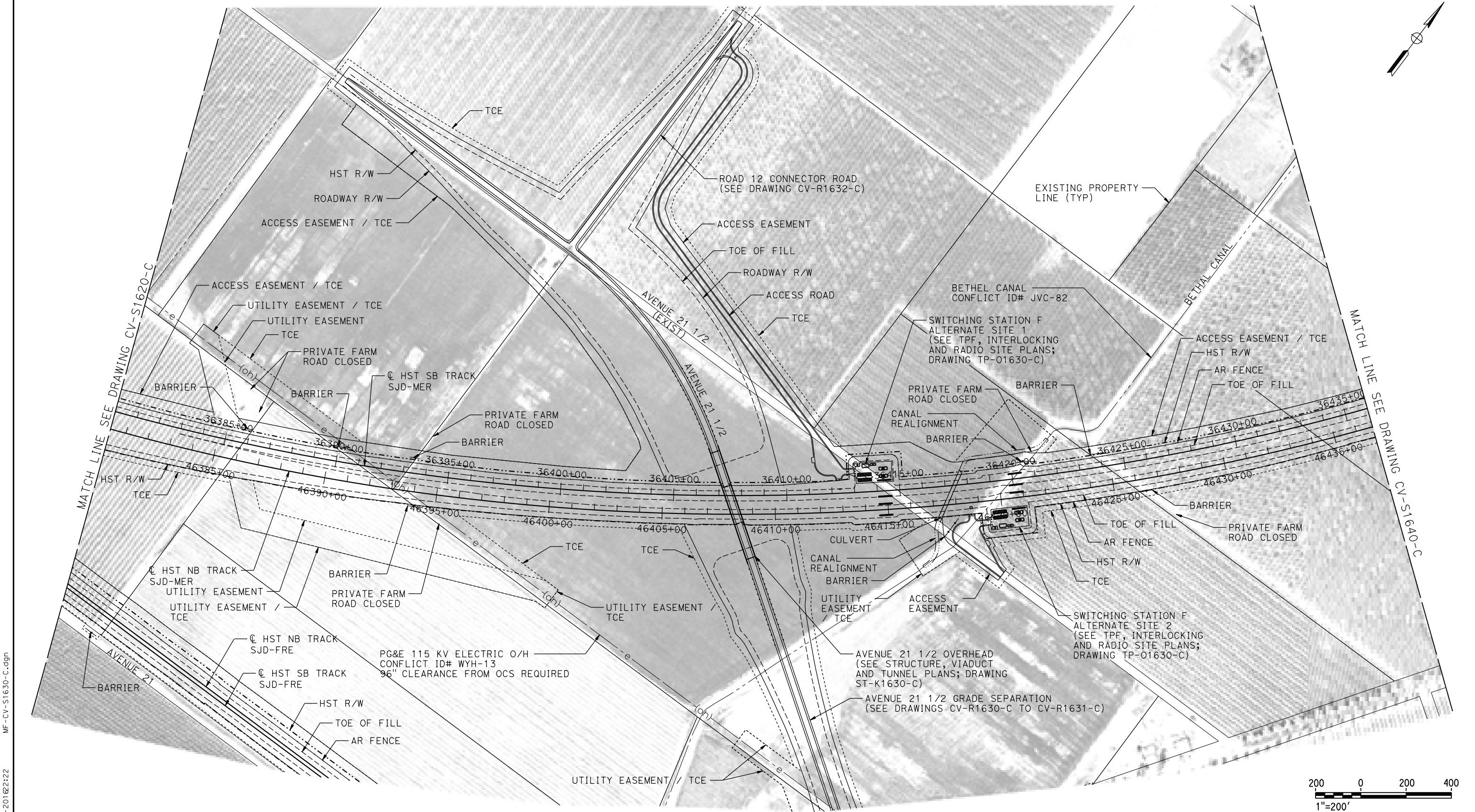
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-MER STA 36324+00 TO 36380+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1620-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

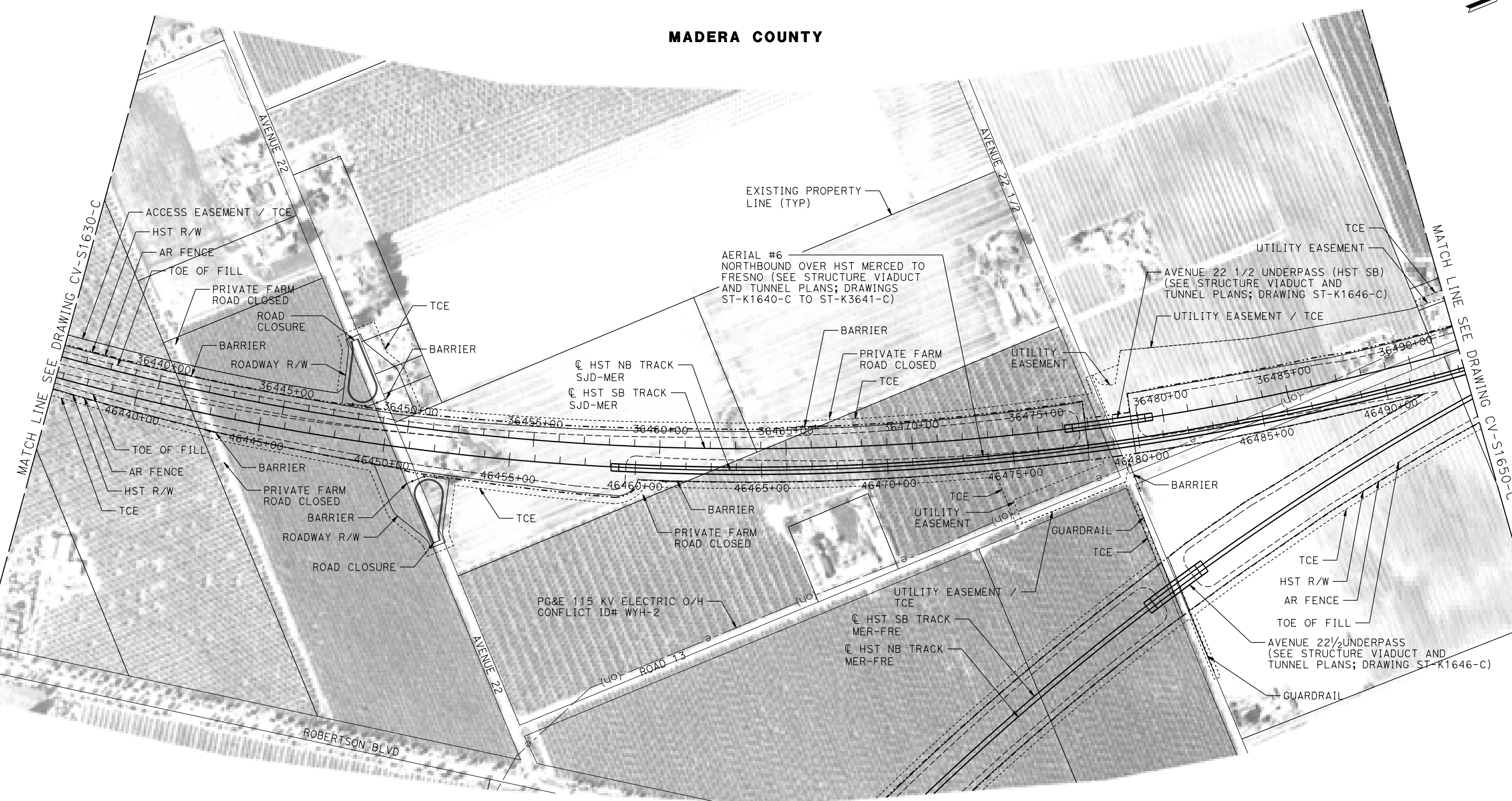
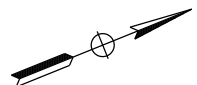
NOT FOR
CONSTRUCTION



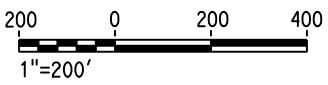
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-MER STA 36380+00 TO 36436+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1630-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



MF-CV-S1640-C.dgn
18-MAR-2016 4:56
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
M. STANWIC
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

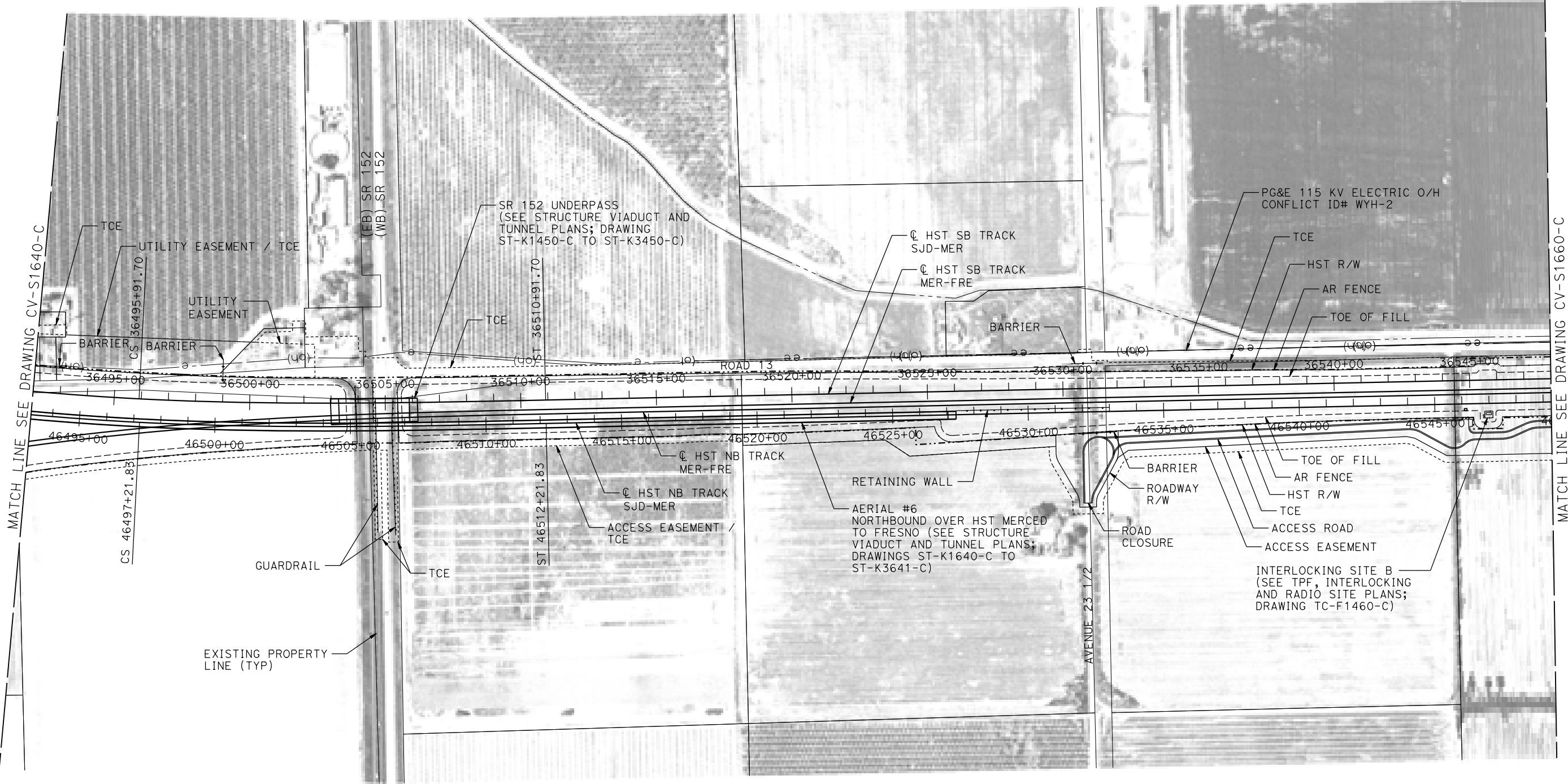
NOT FOR
CONSTRUCTION



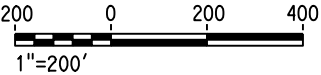
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-MER STA 36436+00 TO 36492+00

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-S1640-C
SCALE
1"=200'
SHEET NO.

MADERA COUNTY



PLAN



p005133a 17-MAR-2016 21:24 MF-CV-S1650-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

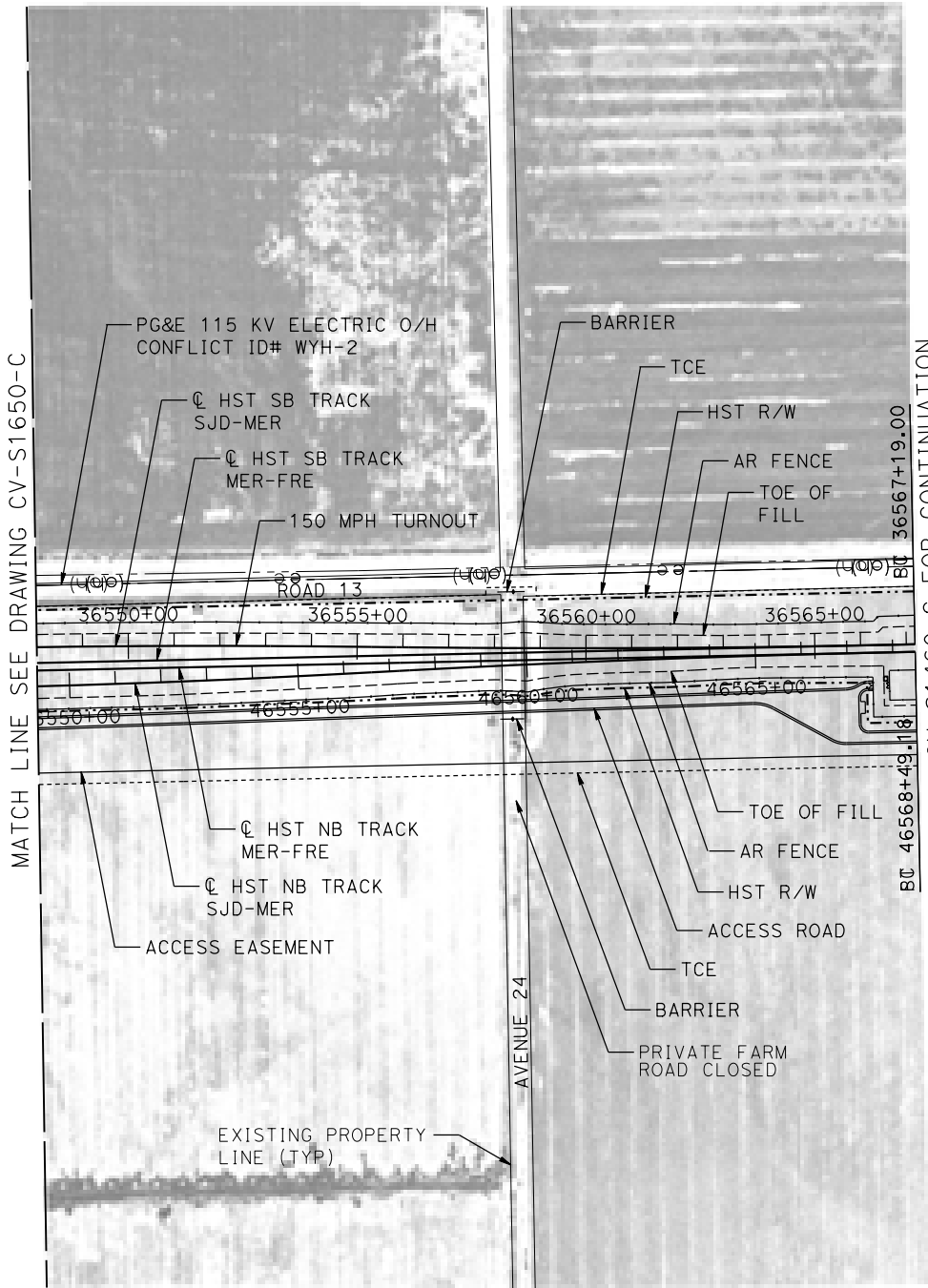
NOT FOR
CONSTRUCTION



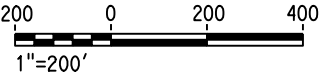
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-MER STA 36492+00 TO 36548+00

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1650-C
SCALE 1"=200'
SHEET NO.

MADERA COUNTY



PLAN



18-MAR-2016 3:57 MF-CV-S1660-C.dgn

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY M. STANWIC
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



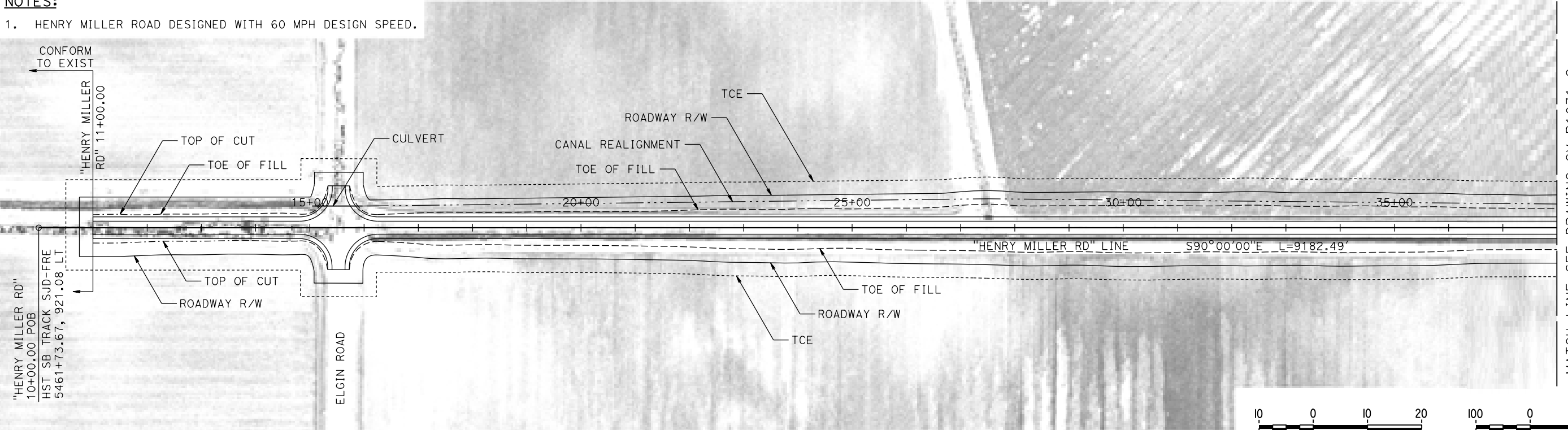
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
CIVIL PLAN
SJD-MER STA 36548+00 TO 36567+19

CONTRACT NO. HSR08-05
DRAWING NO. CV-S1660-C
SCALE 1"=200'
SHEET NO.

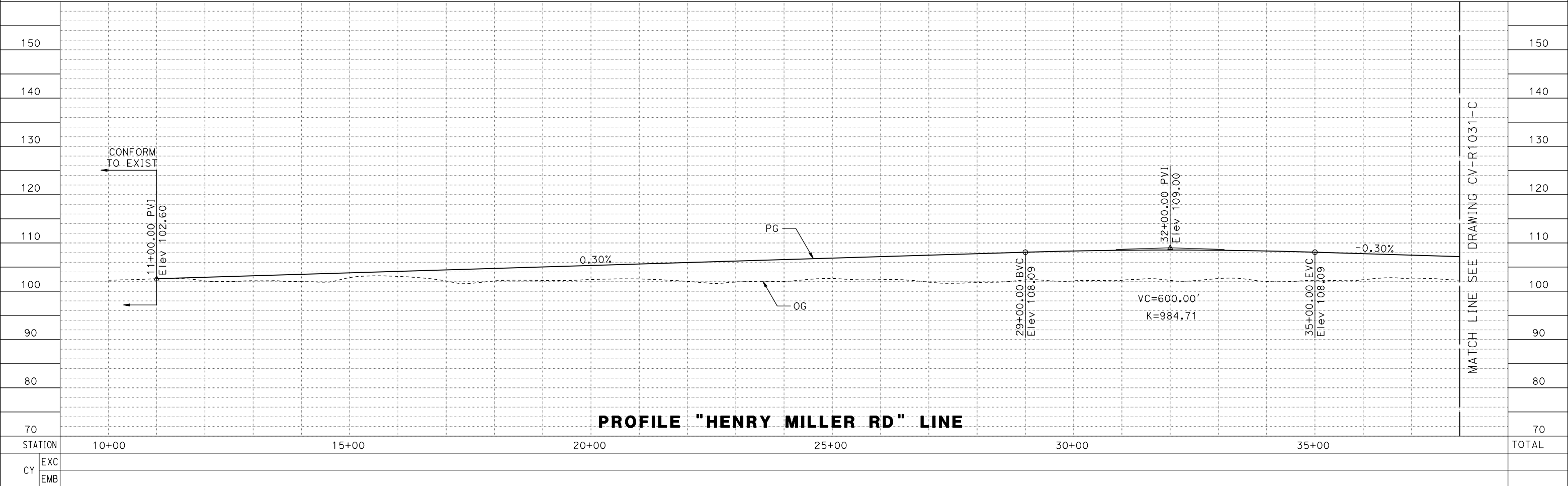
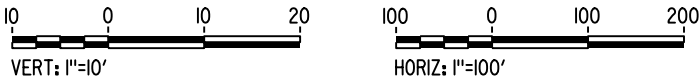
NOTES:

1. HENRY MILLER ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

MERCED COUNTY



PLAN



PROFILE "HENRY MILLER RD" LINE

MF-CV-R1030-C.dgn
17-MAR-2016 17:40
p005133A

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY A. GURA
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
HENRY MILLER ROAD REALIGNMENT

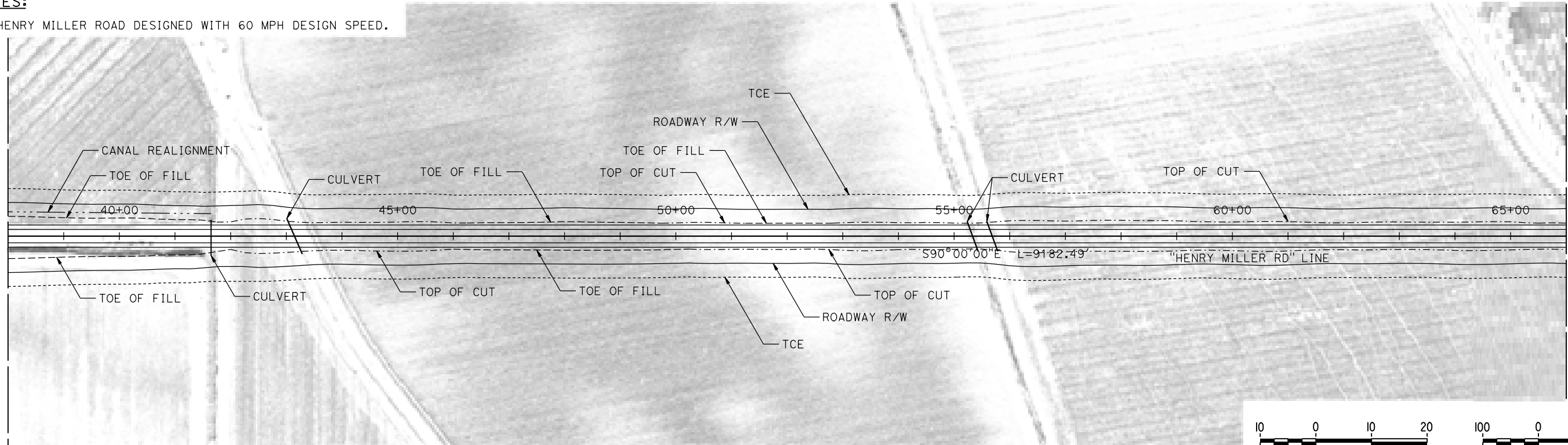
CONTRACT NO. HSR08-05
DRAWING NO. CV-R1030-C
SCALE AS SHOWN
SHEET NO.

NOTES:

1. HENRY MILLER ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

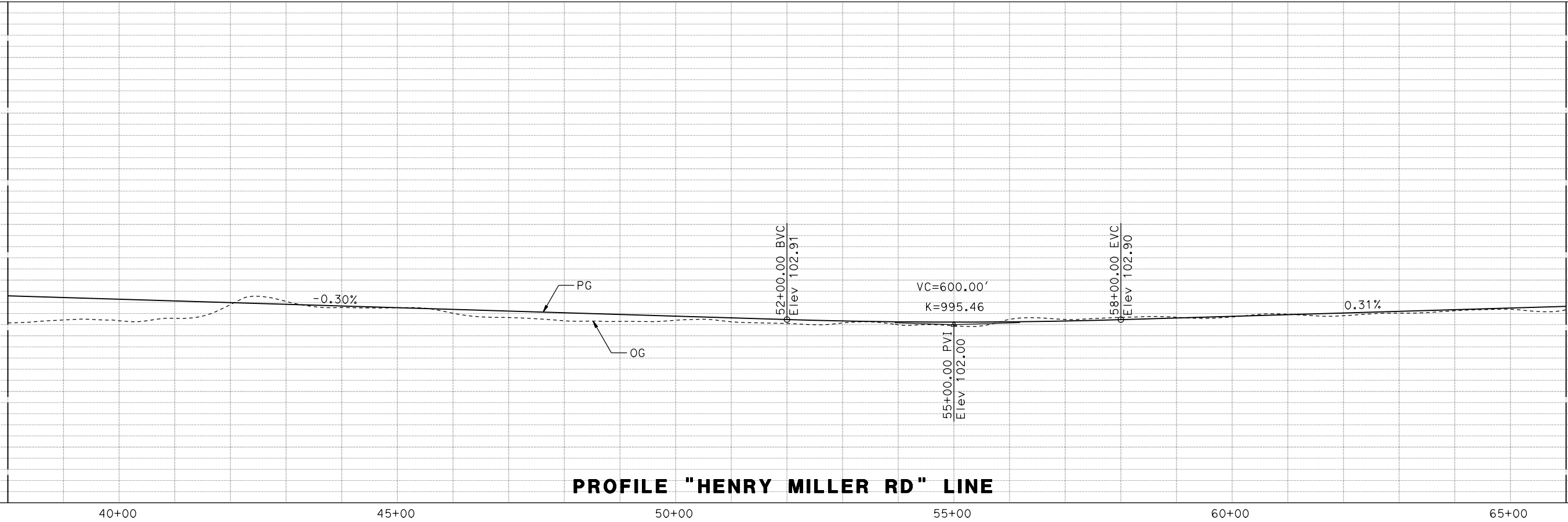
MERCED COUNTY

MATCH LINE SEE DRAWING CV-R1030-C



PLAN

MATCH LINE SEE DRAWING CV-R1030-C



PROFILE "HENRY MILLER RD" LINE

MATCH LINE SEE SEE DRAWING CV-R1032-C

MF-CV-R1031-C.dgn
17-MAR-2016 17:41
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA
DRAWN BY
A. GURA
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
05/08/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
HENRY MILLER ROAD REALIGNMENT

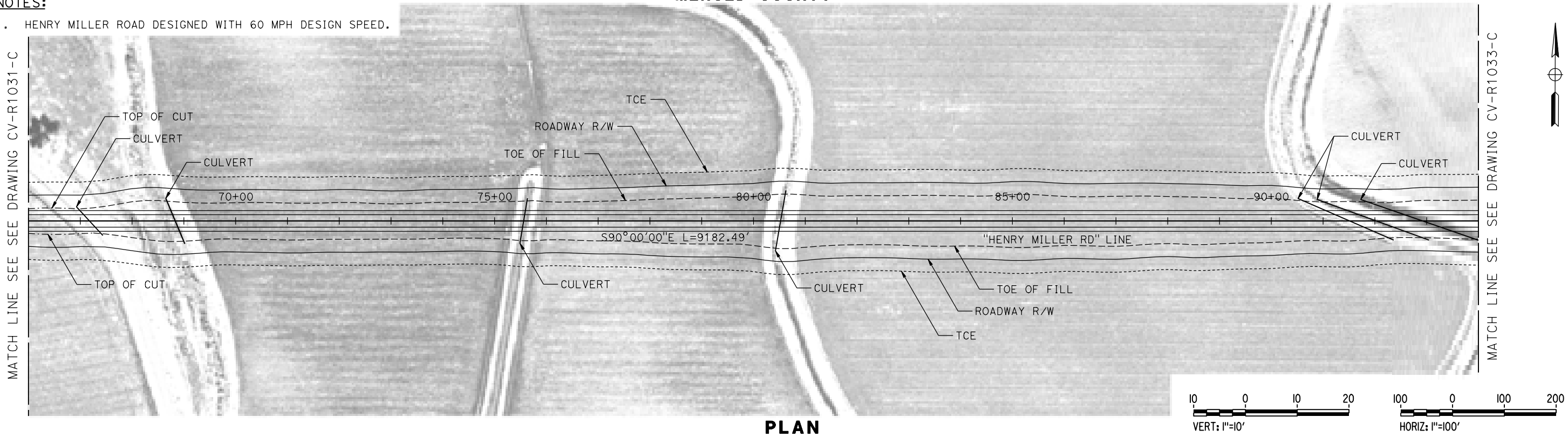
CONTRACT NO.
HSR08-05
DRAWING NO.
CV-R1031-C
SCALE
AS SHOWN
SHEET NO.

MF-CV-R1032-C.dgn
17-MAR-2016 17:41
p005133a

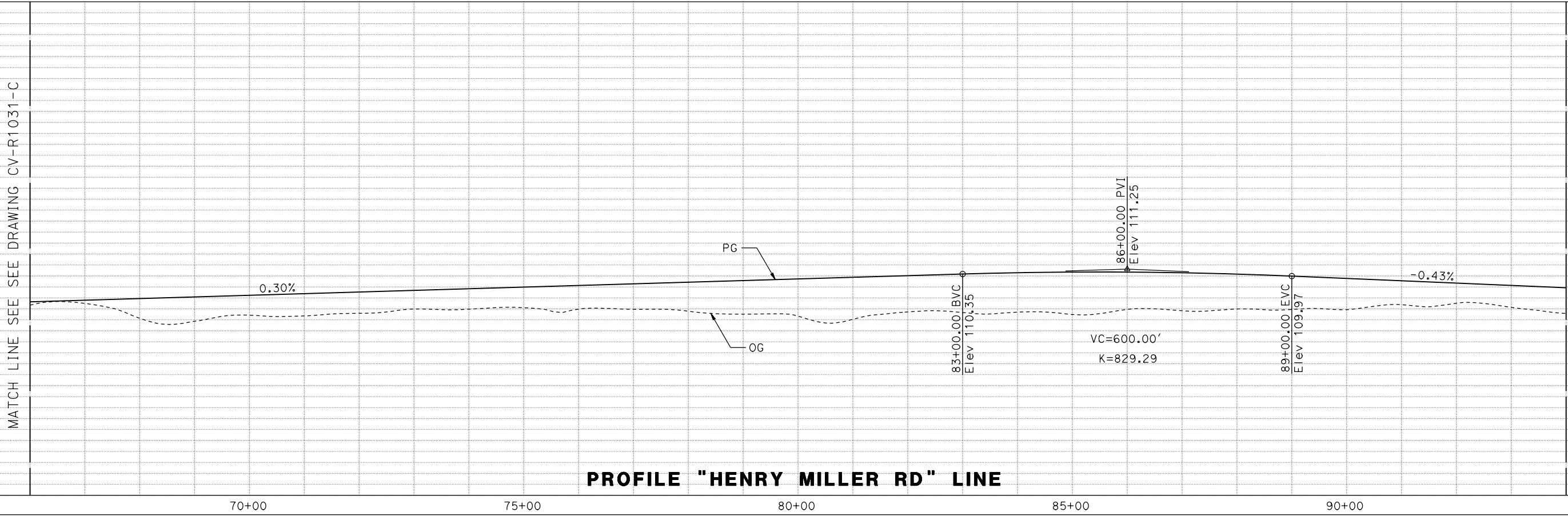
NOTES:

1. HENRY MILLER ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

MERCED COUNTY



PLAN



PROFILE "HENRY MILLER RD" LINE

STATION		70+00	75+00	80+00	85+00	90+00	TOTAL
CY	EXC						
	EMB						

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA
DRAWN BY
A. GURA
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



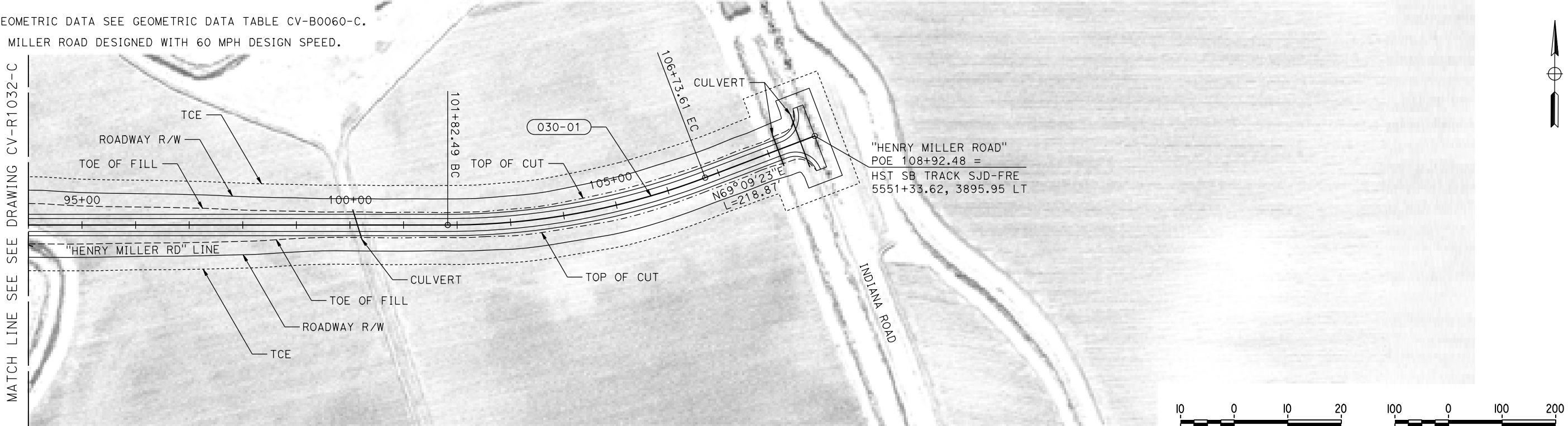
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
HENRY MILLER ROAD REALIGNMENT

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-R1032-C
SCALE
AS SHOWN
SHEET NO.

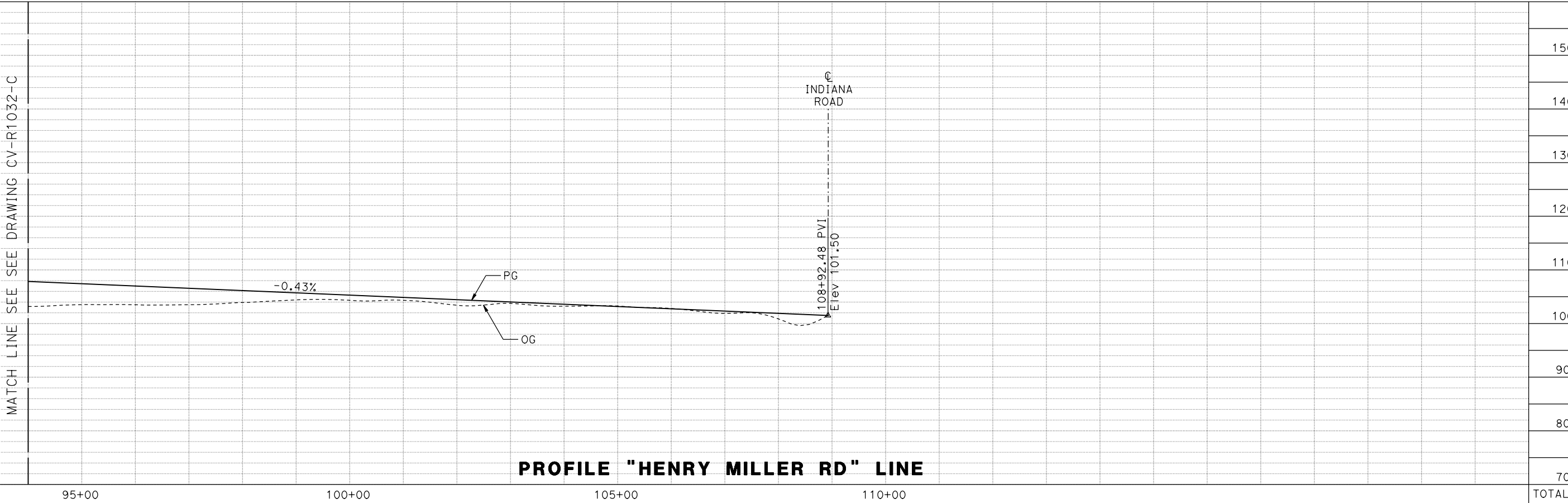
NOTES:

1. FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0060-C.
2. HENRY MILLER ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

MERCED COUNTY



PLAN



PROFILE "HENRY MILLER RD" LINE

MF-CV-R1033-C.dgn
17-MAR-2016 17:42
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY A. GURA
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

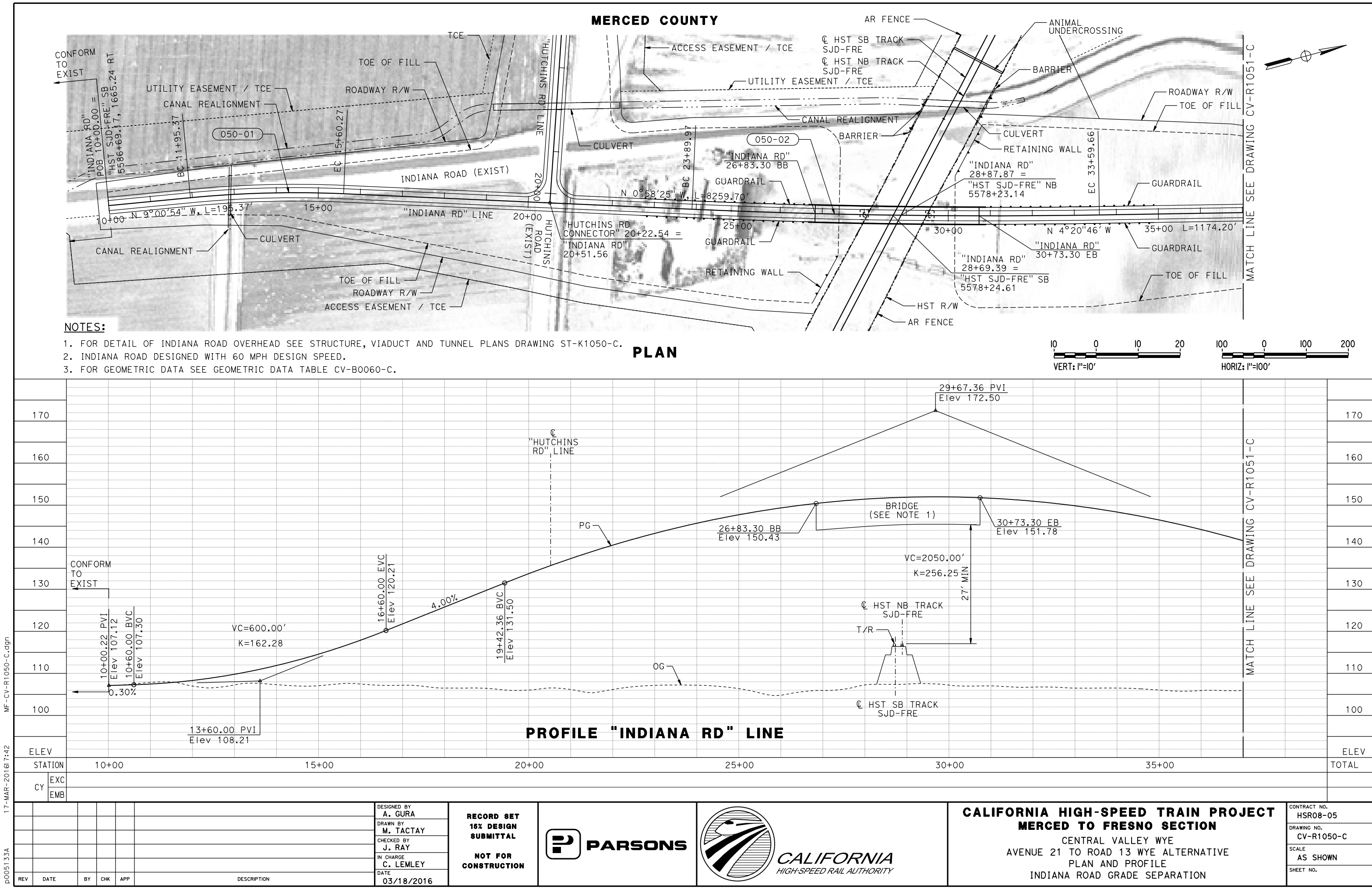
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

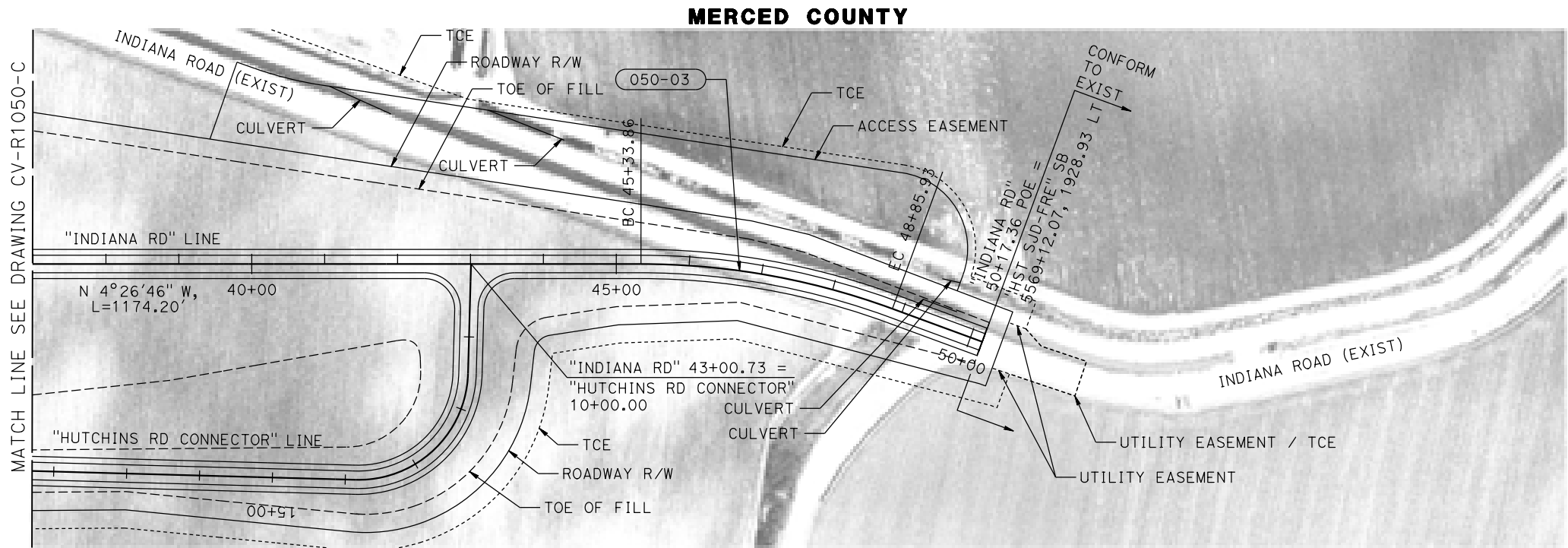


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
HENRY MILLER ROAD REALIGNMENT

CONTRACT NO. HSR08-05
DRAWING NO. CV-R1033-C
SCALE AS SHOWN
SHEET NO.



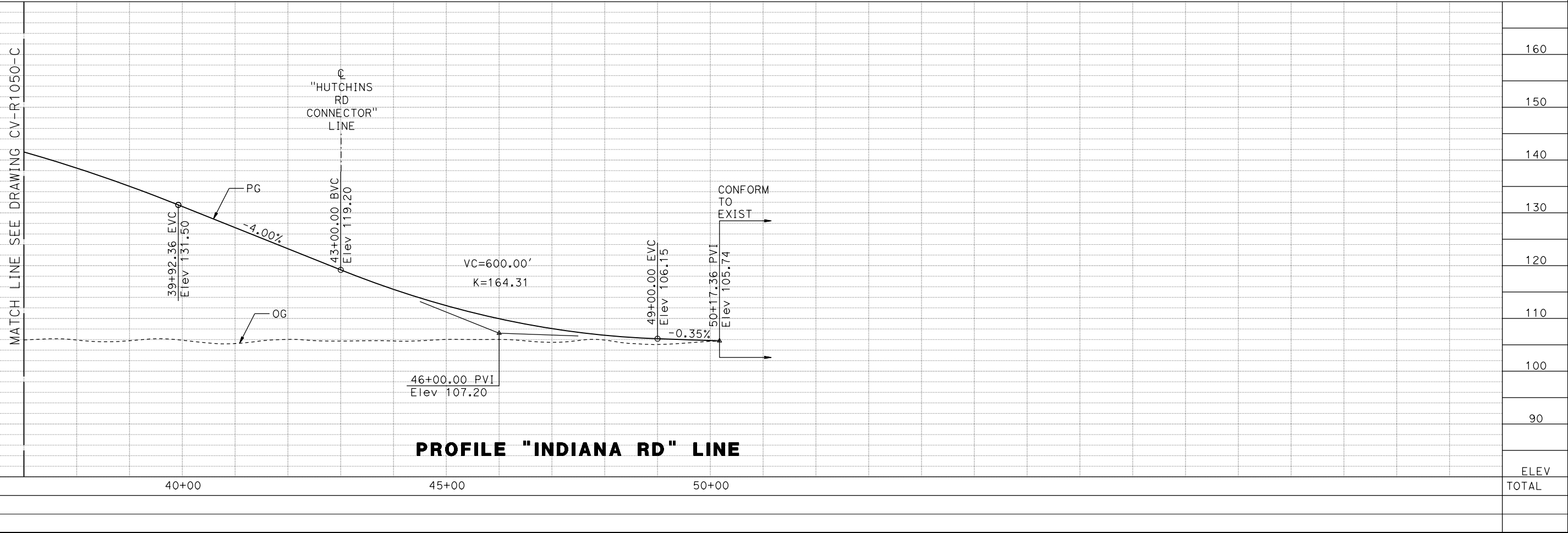
p0051333a 17-MAR-2016 17:43 MF-CV-R1051-C.dgn



NOTES:

- INDIANA ROAD DESIGNED WITH 60 MPH DESIGN SPEED.
- FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0060-C.

PLAN



PROFILE "INDIANA RD" LINE

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

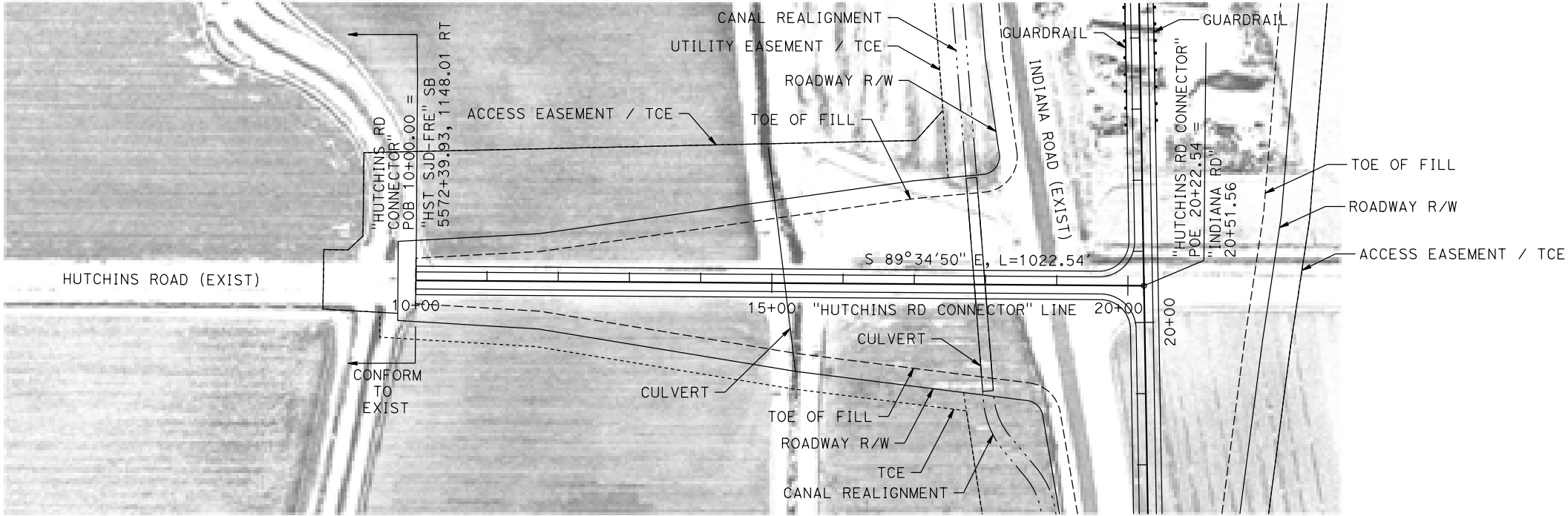


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
INDIANA ROAD GRADE SEPARATION

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-R1051-C
SCALE
AS SHOWN
SHEET NO.

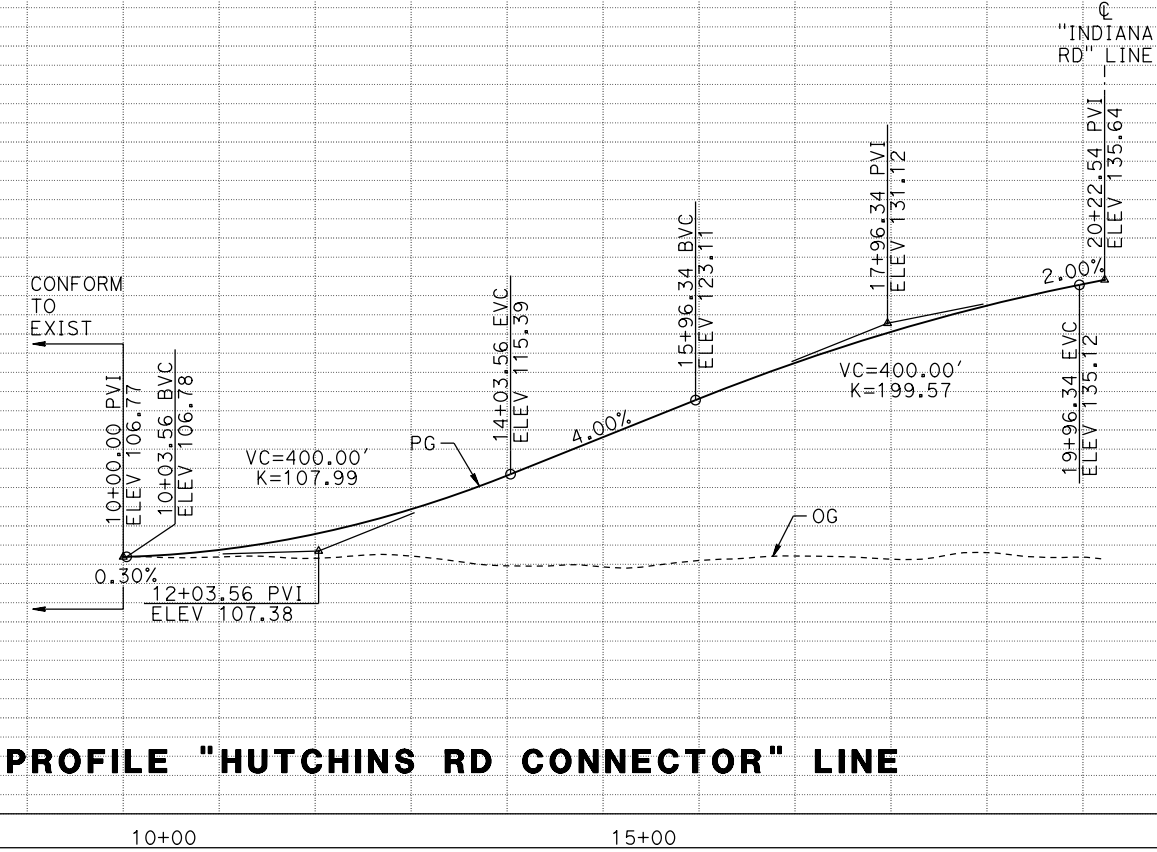
MF-CV-R1052-C.dgn
17-MAR-2016 17:43
p005133a

MERCED COUNTY



NOTES:
1. HUTCHINS ROAD CONNECTOR DESIGNED WITH 25 MPH DESIGN SPEED.

PLAN



PROFILE "HUTCHINS RD CONNECTOR" LINE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

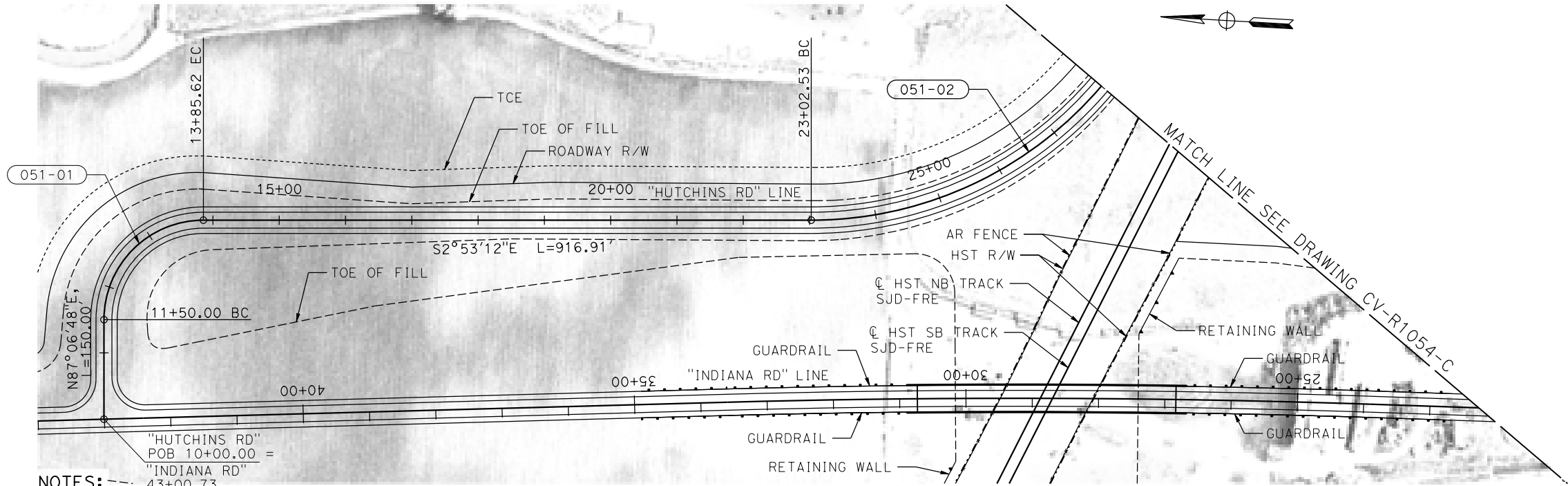
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
HUTCHINS ROAD CONNECTOR

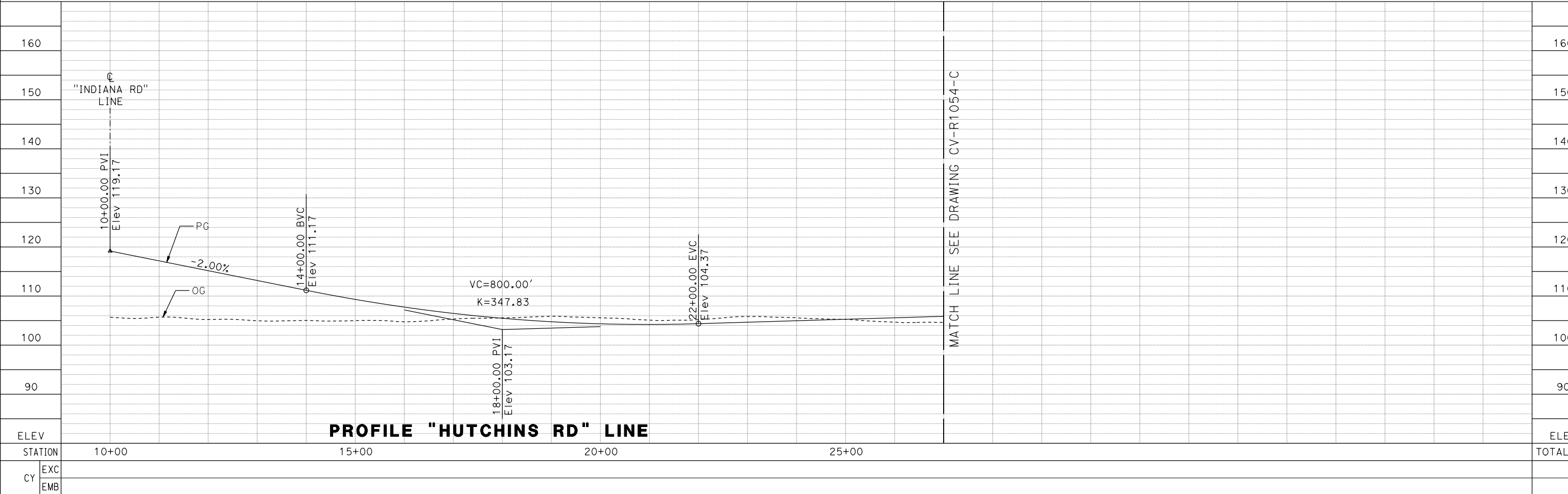
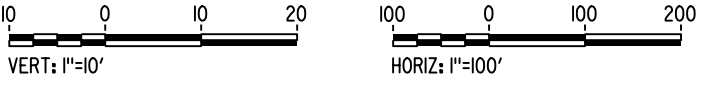
CONTRACT NO. HSR08-05
DRAWING NO. CV-R1052-C
SCALE AS SHOWN
SHEET NO.

MERCED COUNTY



- NOTES:**
- 1. HUTCHINS ROAD DESIGNED WITH 30 MPH DESIGN SPEED.
 - 2. FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0060-C.

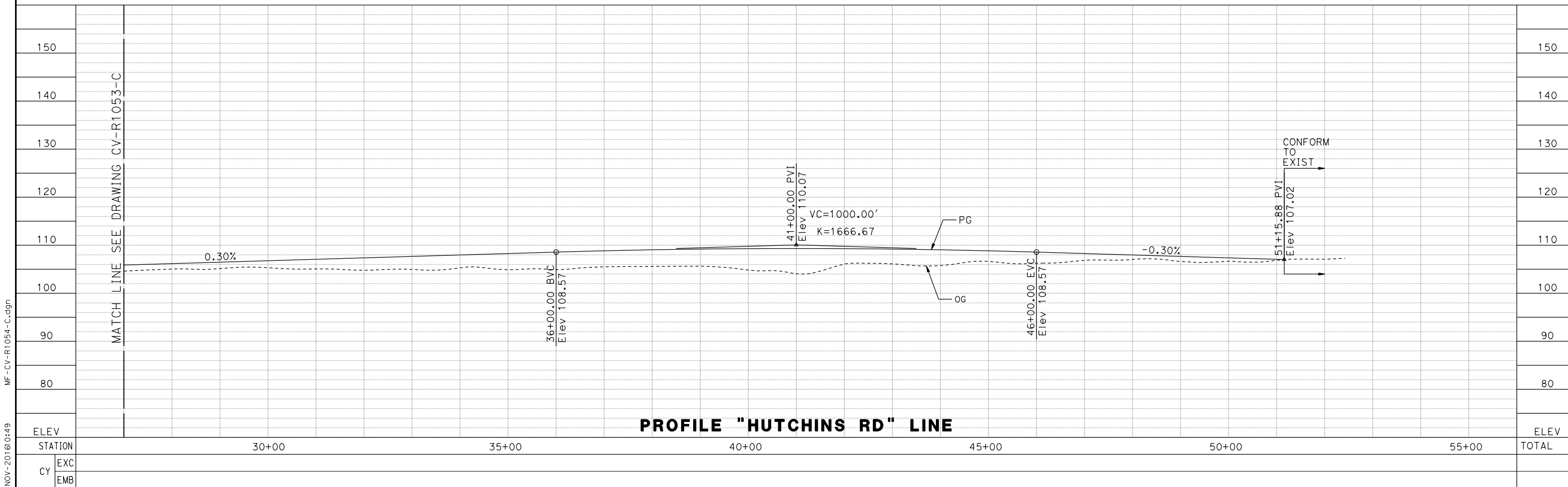
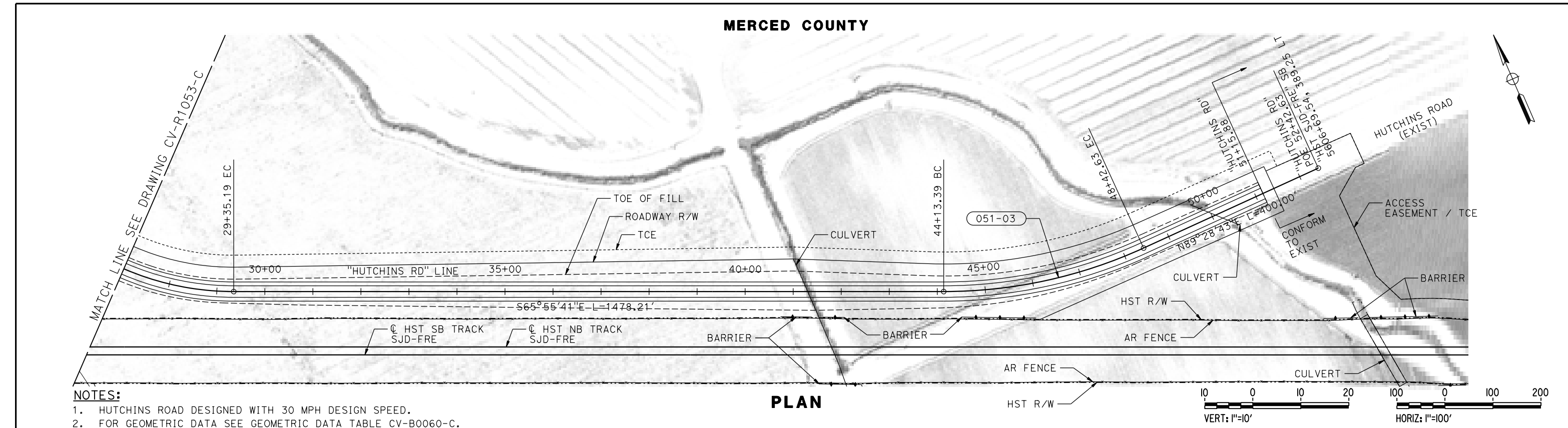
PLAN



PROFILE "HUTCHINS RD" LINE

MF-CV-R1053-C.dgn
22-NOV-2016 01:40
p0035486

<div>DESIGNED BY A. GURA</div> <div>DRAWN BY M. TACTAY</div> <div>CHECKED BY J. RAY</div> <div>IN CHARGE C. LEMLEY</div> <div>DATE 11/18/2016</div>					<div>RECORD SET 15% DESIGN SUBMITTAL</div> <div>NOT FOR CONSTRUCTION</div>		<div></div> <div></div>		<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE HUTCHINS ROAD REALIGNMENT</div>			<div>CONTRACT NO. HSR08-05</div> <div>DRAWING NO. CV-R1053-C</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div>	
REV	DATE	BY	CHK	APP	DESCRIPTION								



REV	DATE	BY	CHK	APP	DESCRIPTION	DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE HUTCHINS ROAD REALIGNMENT	CONTRACT NO. HSR08-05
						DRAWN BY M. TACTAY					DRAWING NO. CV-R1054-C
						CHECKED BY J. RAY					SCALE AS SHOWN
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 11/18/2016					

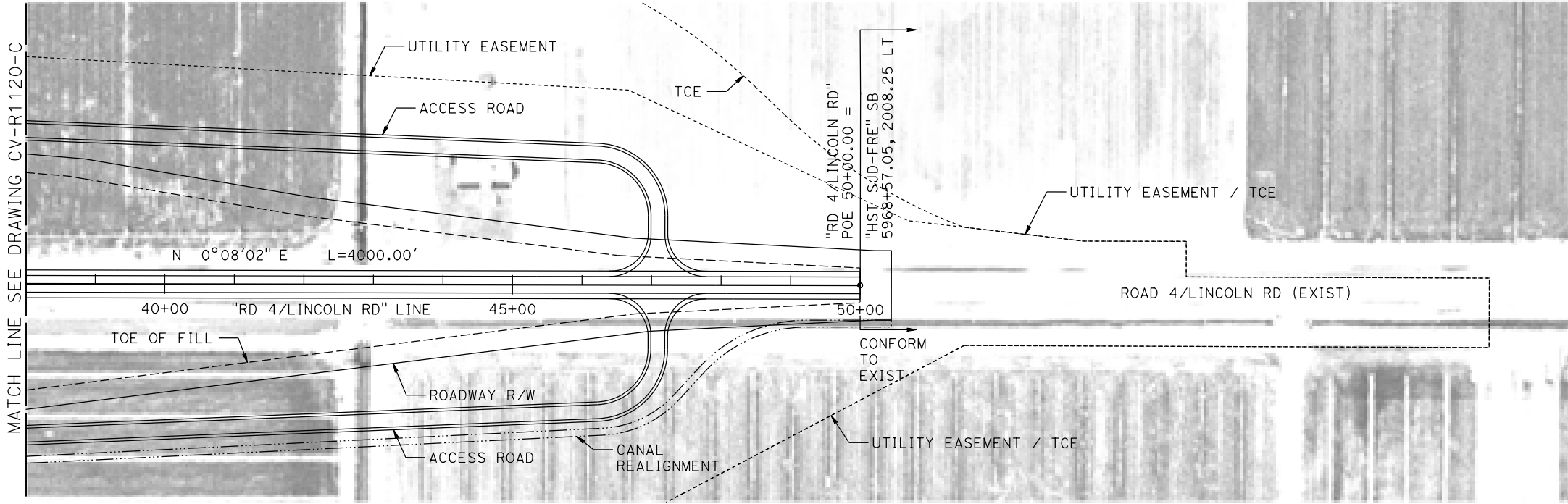


PLAN



PROFILE "RD 4/LINCOLN RD" LINE

CONTRACT NO. HSR08-05
DRAWING NO. CV-R1120-C
SCALE AS SHOWN
SHEET NO.

MADERA COUNTY

NOTES:

1. ROAD 4/ LINCOLN ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

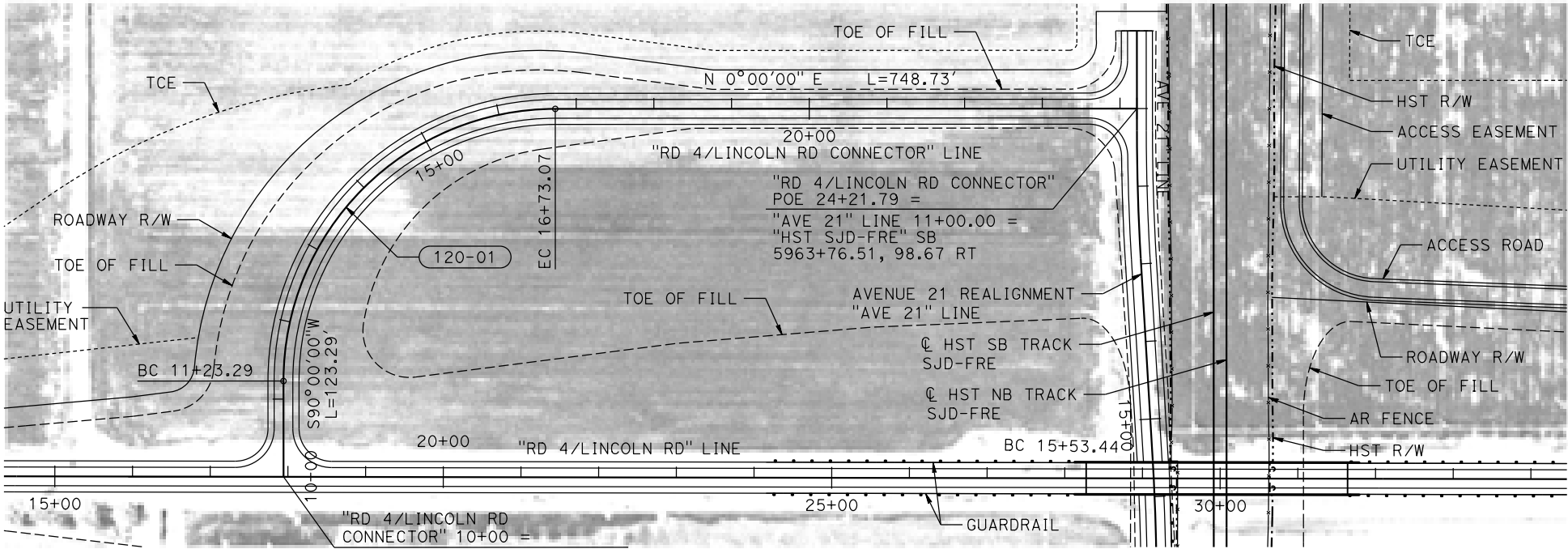
PLAN



ELEV																						ELEV	
STATION																						TOTAL	
CY	EXC																						
	EMB																						

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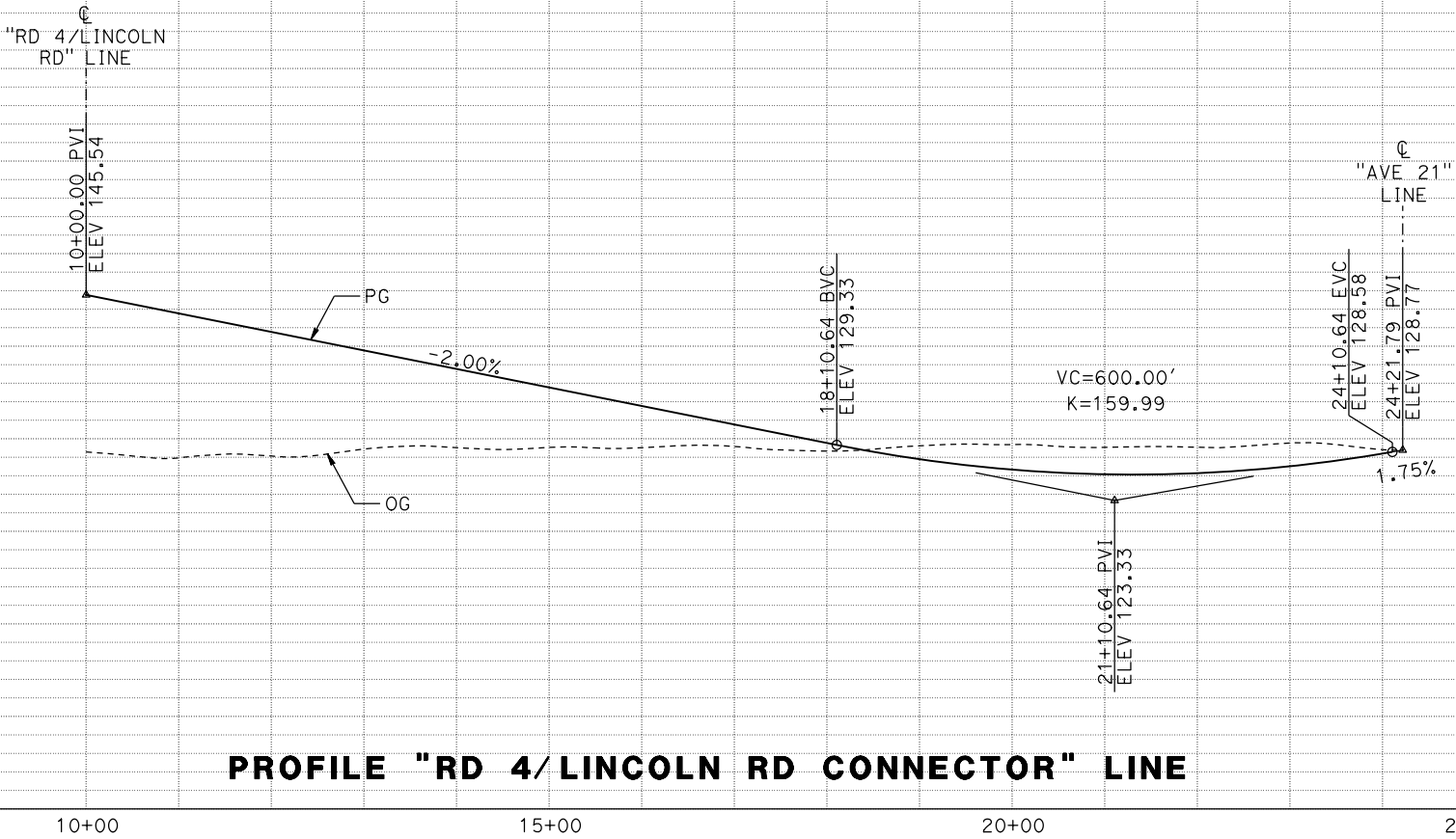
MADERA COUNTY



NOTES:

- ROAD 4/ LINCOLN ROAD CONNECTOR DESIGNED WITH 25 MPH DESIGN SPEED.
- FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0060-C.

PLAN



PROFILE "RD 4/LINCOLN RD CONNECTOR" LINE

MF-CV-R1122-C.dgn
17-MAR-2016 17:46
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



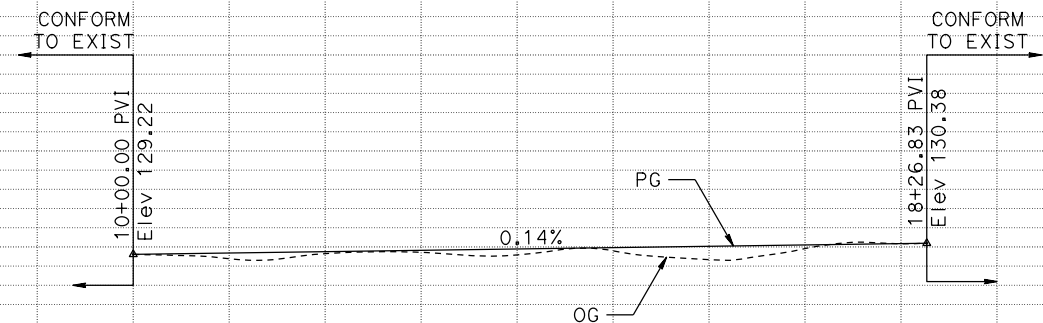
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 4 / LINCOLN ROAD CONNECTOR

CONTRACT NO. HSR08-05
DRAWING NO. CV-R1122-C
SCALE AS SHOWN
SHEET NO.

MADERA COUNTY

ACCESS EASEMENT
ACCESS ROAD
HST R/W
HST NB TRACK SJD-FRE
HST SB TRACK SJD-FRE
AR FENCE
N 90°00'00" E
L=128.68
HST R/W / TCE
AVENUE 21 (EXIST)
"AVE 21"
POB 10+00.00 =
"HST SJD-FRE"
SB 5962+76.51,
98.64 RT
CONFORM TO EXIST
TCE
ROADWAY R/W
TOE OF FILL
GUARDRAIL
121-01
BC 11+28.68
EC 12+93.27
N 86°37'56" E
L=260.17
"AVE 21"
15+76.48 =
"RD 4/LINCOLN
RD" 29+14.51
BC 15+53.44
EC 17+26.83
ROADWAY R/W
TOE OF FILL
GUARDRAIL
121-02
S 89°49'11"
L=100.00
CULVERT
HST R/W
AR FENCE
GUARDRAIL
HST R/W
UTILITY EASEMENT / TCE
CANAL REALIGNMENT
CONFORM TO EXIST
"AVE 21"
POE 18+26.83 =
"HST SJD-FRE"
SB 5971+02.69,
73.96 RT

1. AVENUE 21 REALIGNMENT AT ROAD 4 DESIGNED WITH 25 MPH DESIGN SPEED.
2. FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0060-C.



10+00 15+00 20+00 15+00

CY	EXC
	EMB

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	A. GURA
DRAWN BY	M. TACTAY
CHECKED BY	J. RAY
IN CHARGE	C. LEMLEY
DATE	03/18/2016

**NOT FOR
CONSTRUCTION**



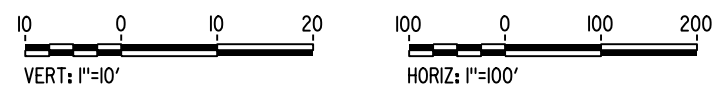
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
AVENUE 21 REALIGNMENT AT ROAD 4

CONTRACT NO.
HSR08-05

DRAWING NO.
CV-R1123-C

SCALE
AS SHOWN

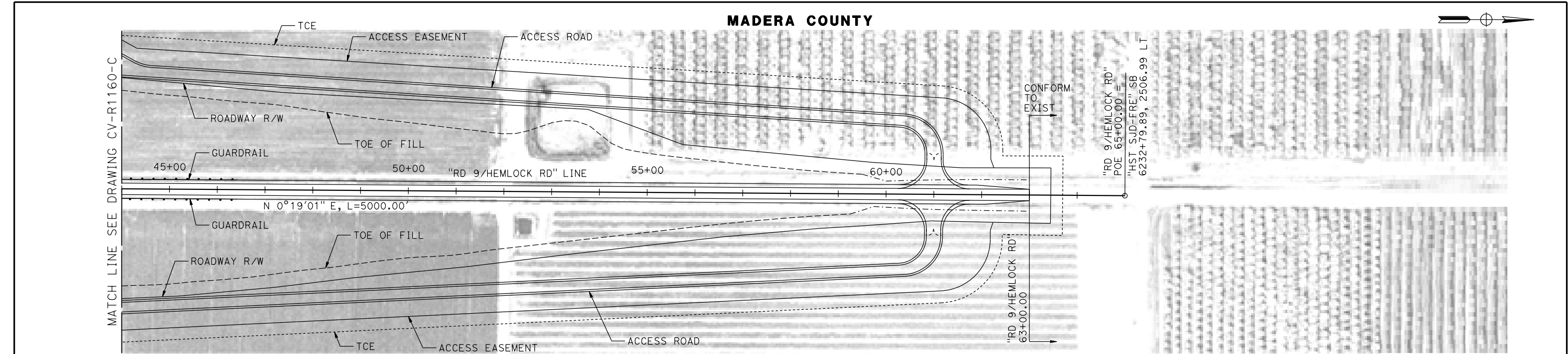
SHEET NO.



PLAN



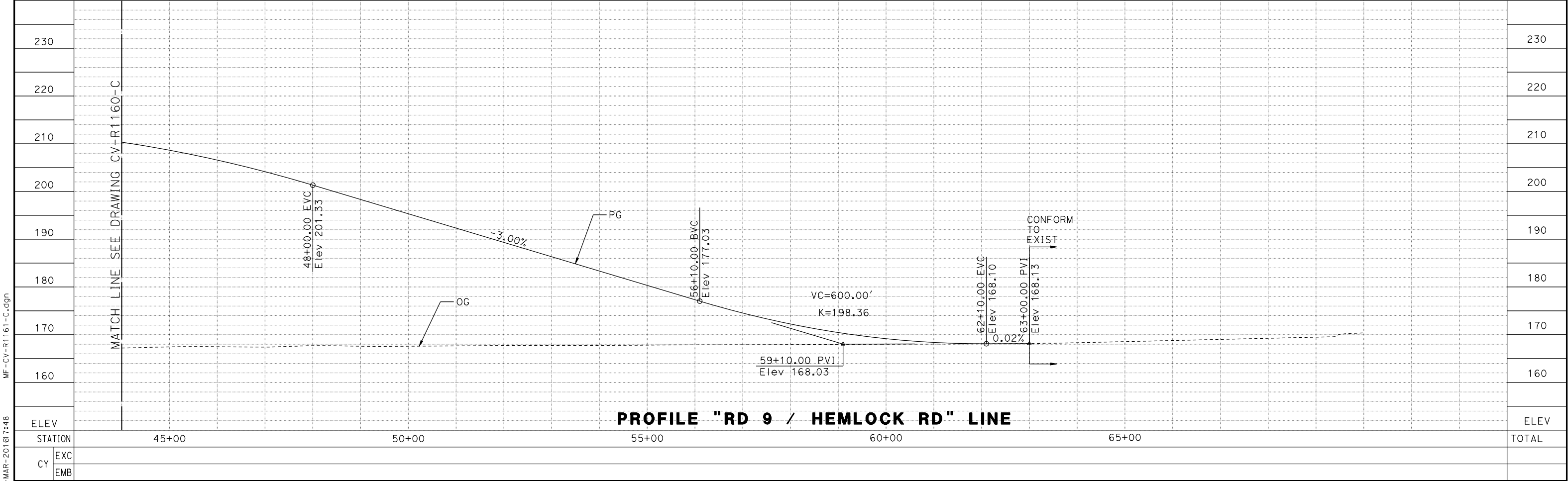
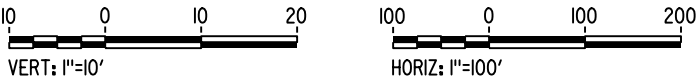
						DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION	 PARSONS	 <i>CALIFORNIA</i> <i>HIGH-SPEED RAIL AUTHORITY</i>	CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 9 / HEMLOCK ROAD GRADE SEPARATION	CONTRACT NO. HSR08-05
						DRAWN BY M. TACTAY					DRAWING NO. CV-R1160-C
						CHECKED BY J. RAY					SCALE AS SHOWN
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 03/18/2016					
REV	DATE	BY	CHK	APP	DESCRIPTION						



NOTES:

1. ROAD 9/ HEMLOCK ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



MF-CV-R1161-C.dgn 17-MAR-2016 17:48 p005133a

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

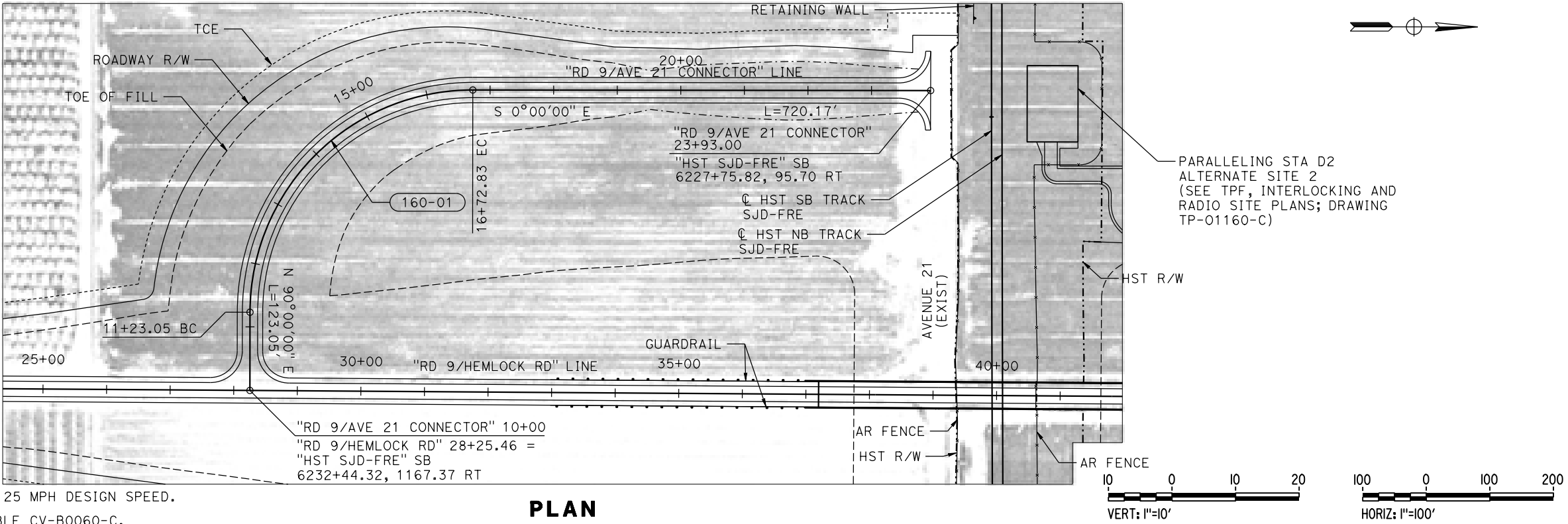


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 9 / HEMLOCK ROAD GRADE SEPARATION

CONTRACT NO.
HSR08-05
DRAWING NO.
CV-R1161-C
SCALE
AS SHOWN
SHEET NO.

MF-CV-R1162-C.dgn
17-MAR-2016 17:48
p005133a

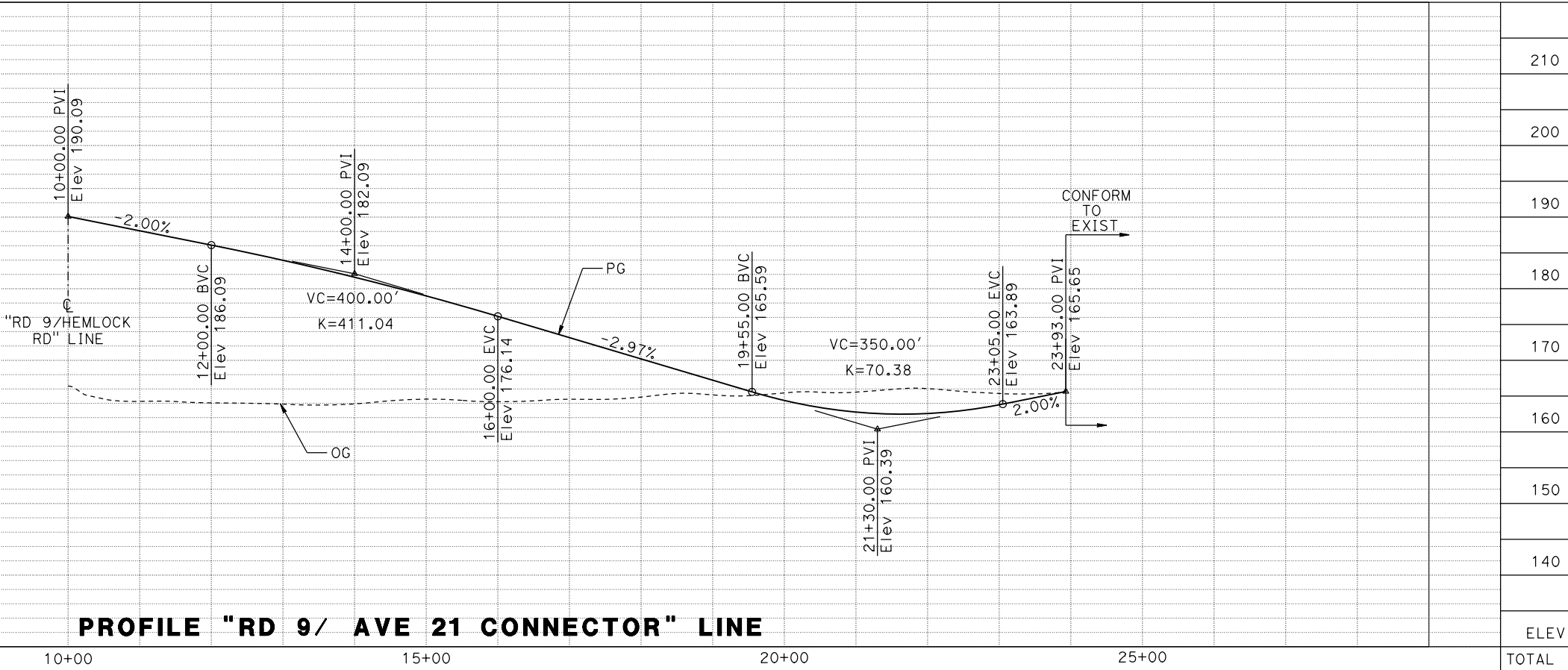
MADERA COUNTY



NOTES:

- ROAD 9/AVENUE 21 CONNECTOR DESIGNED WITH 25 MPH DESIGN SPEED.
- FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0060-C.

PLAN



PROFILE "RD 9/ AVE 21 CONNECTOR" LINE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

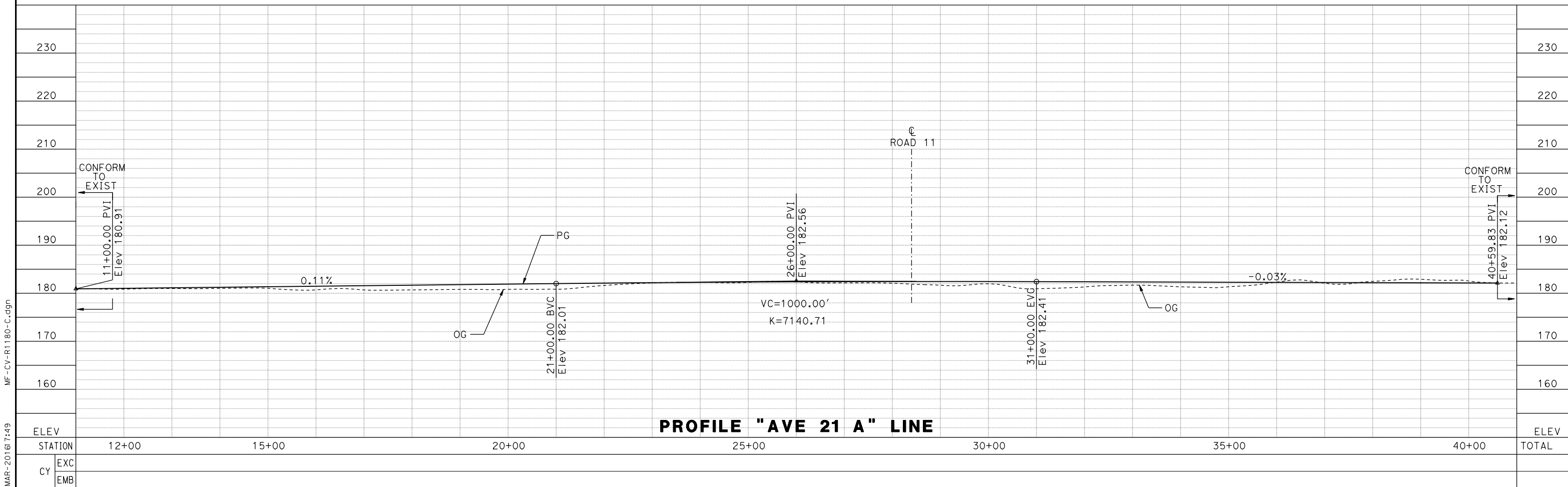
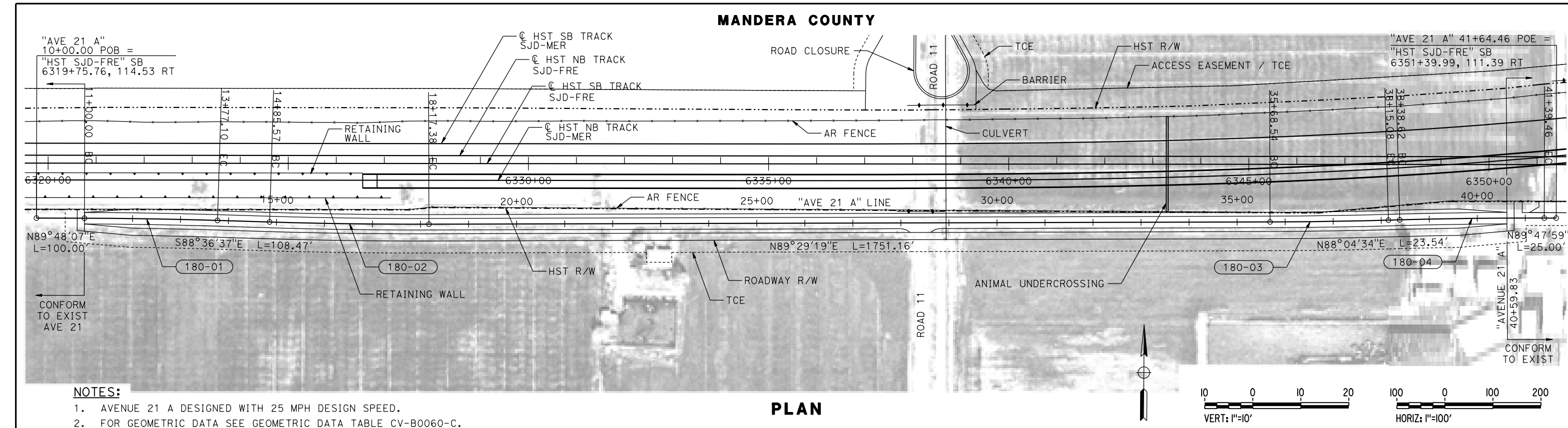
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 9 / AVENUE 21 CONNECTOR

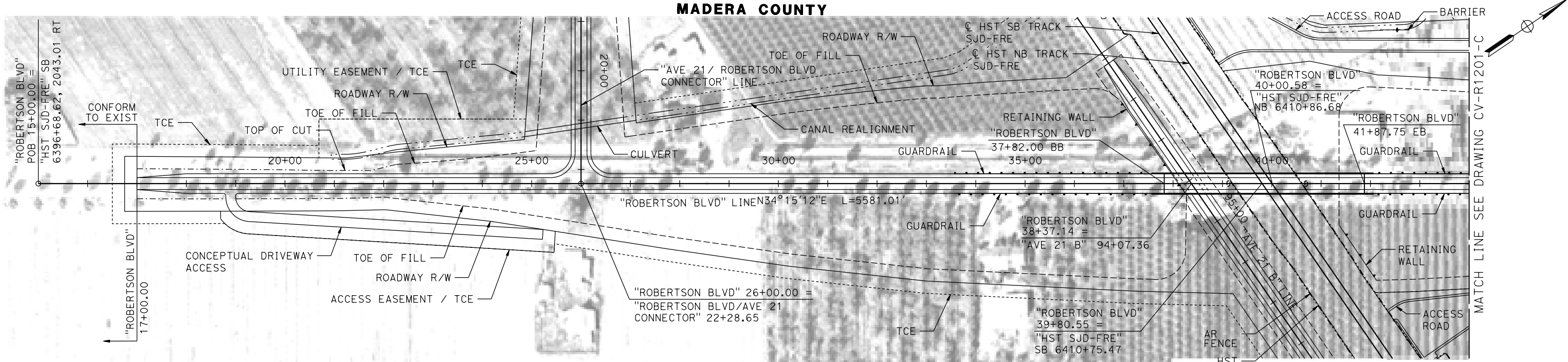
CONTRACT NO. HSR08-05
DRAWING NO. CV-R1162-C
SCALE AS SHOWN
SHEET NO.



DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE AVENUE 21 REALIGNMENT AT ROAD 11	CONTRACT NO. HSR08-05
DRAWN BY M. TACTAY					DRAWING NO. CV-R1180-C
CHECKED BY J. RAY					SCALE AS SHOWN
IN CHARGE C. LEMLEY					SHEET NO.
DATE 03/18/2016					

REV	DATE	BY	CHK	APP	DESCRIPTION

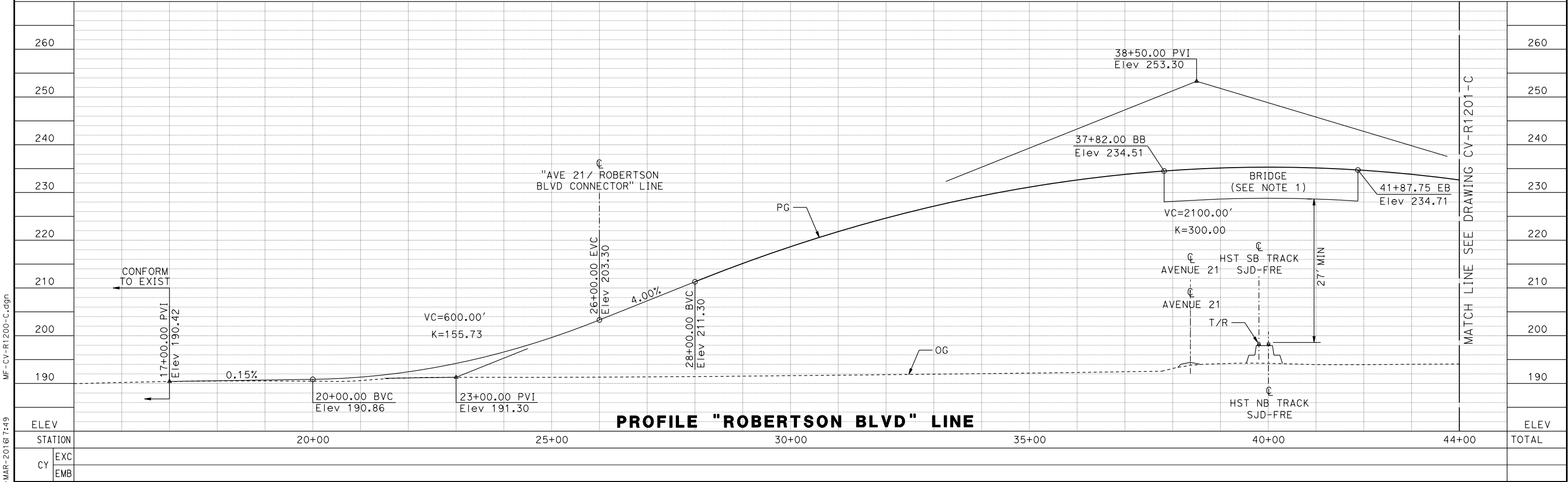
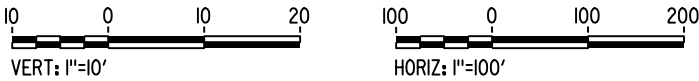
MADERA COUNTY



NOTES:

- FOR DETAIL OF ROBERTSON BLVD/SR 233 OVERHEAD SEE STRUCTURE, VIADUCT AND TUNNEL PLANS DRAWING ST-K1200-C.
- ROBERTSON BLVD DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



PROFILE "ROBERTSON BLVD" LINE

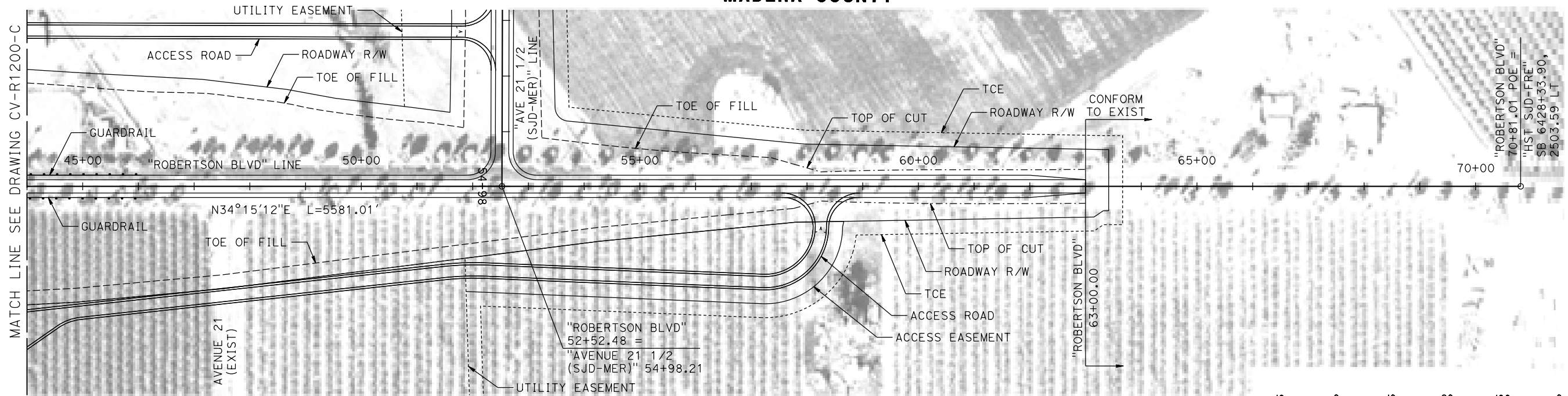
17

p005133A

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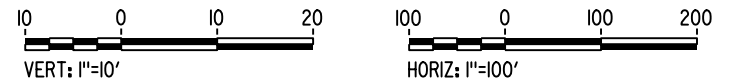
MADERA COUNTY



NOTES:

1. ROBERTSON BLVD DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



MATCH LINE SEE DRAWING CV-R1200-C

AVE 21 1/2
(SJD-MER)

PG
-3.00%

OG

VC=600.00'
K=168.90

58+00.00 PVI
Elev 194.80

CONFORM
TO EXIST

PROFILE "ROBERTSON BLVD" LINE

ELEV	STATION	45+00	50+00	55+00	60+00	65+00	70+00	TOTAL
CY	EXC							
	EMB							

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

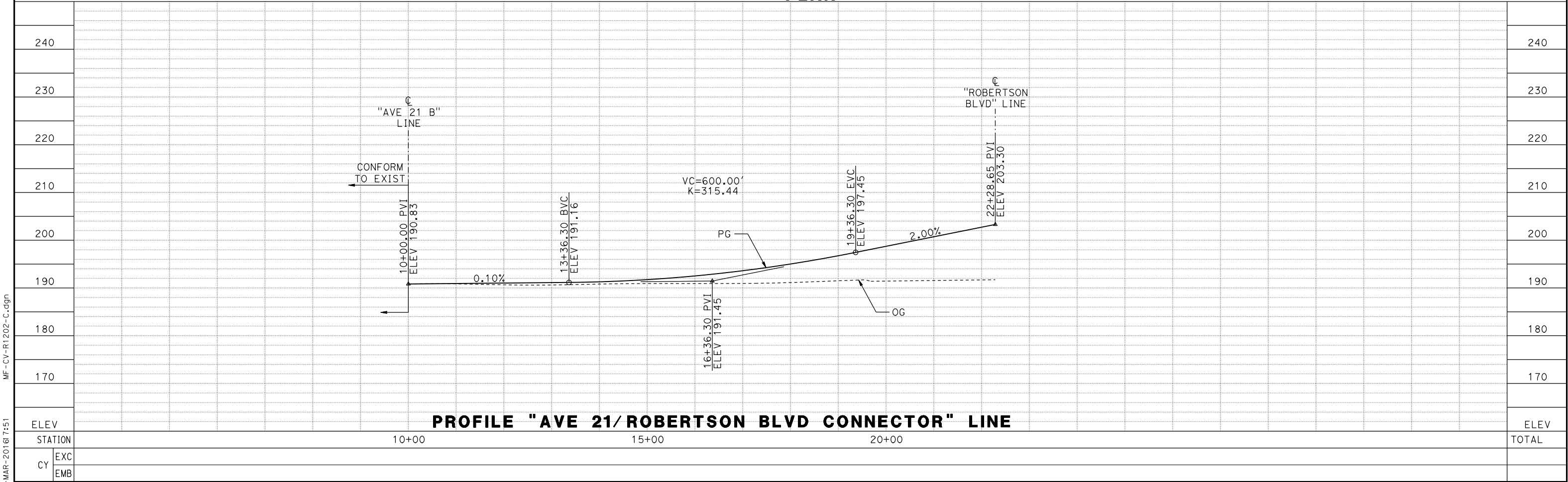
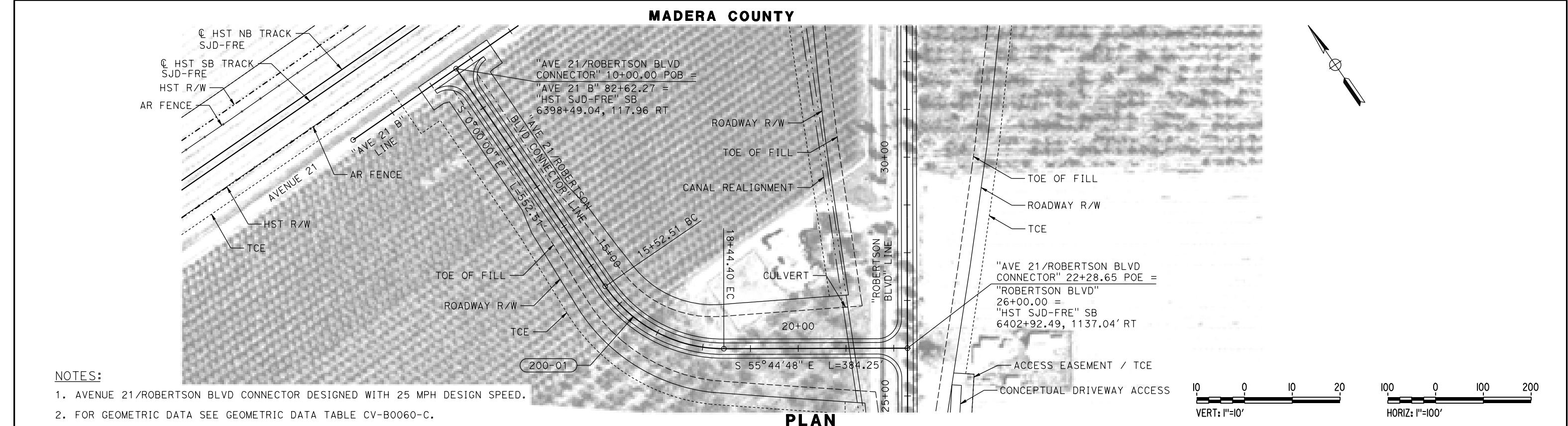
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROBERTSON BLVD GRADE SEPARATION

CONTRACT NO.
03/18/2016
DRAWING NO.
CV-R1201-C
SCALE
AS SHOWN
SHEET NO.

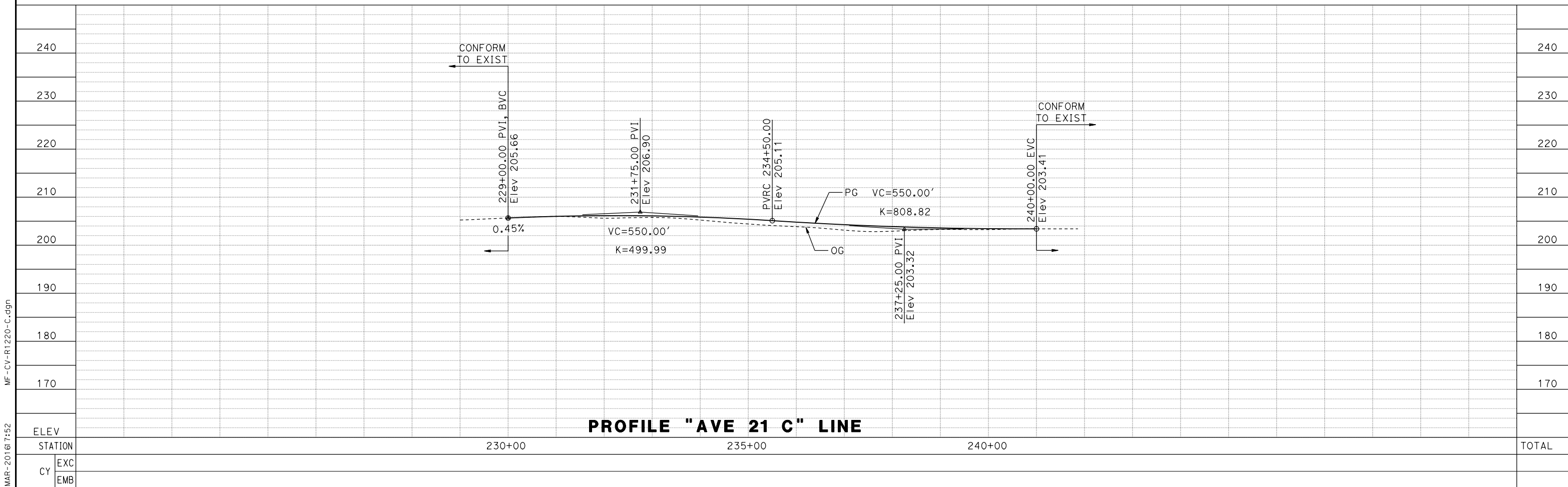
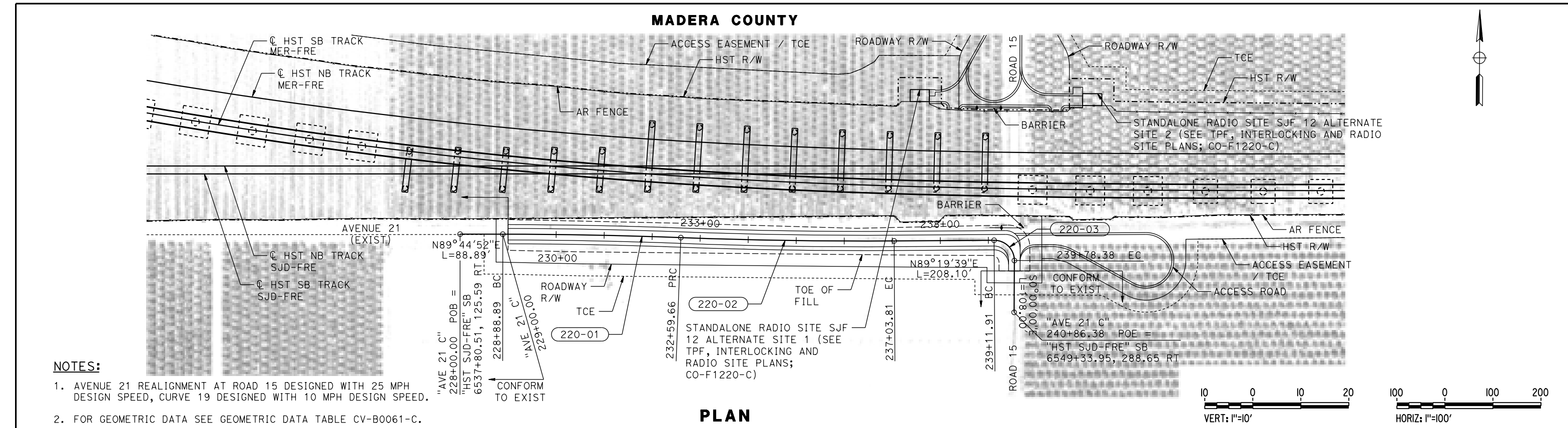


<div>DESIGNED BY A. GURA</div> <div>DRAWN BY M. TACTAY</div> <div>CHECKED BY J. RAY</div> <div>IN CHARGE C. LEMLEY</div> <div>DATE 03/18/2016</div>					<div>RECORD SET 15% DESIGN SUBMITTAL</div> <div>NOT FOR CONSTRUCTION</div>			<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION</div> <div>CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE AVENUE 21 / ROBERTSON BLVD CONNECTOR</div>	<div>CONTRACT NO. 03/18/2016</div>
<div>REV DATE BY CHK APP DESCRIPTION</div>									<div>DRAWING NO. CV-R1202-C</div>
						<div>SCALE AS SHOWN</div>			
						<div>SHEET NO.</div>			

1. AVENUE 21 REALIGNMENT AT ROBERTSON BLVD DESIGNED WITH 65 MPH DESIGN SPEED.



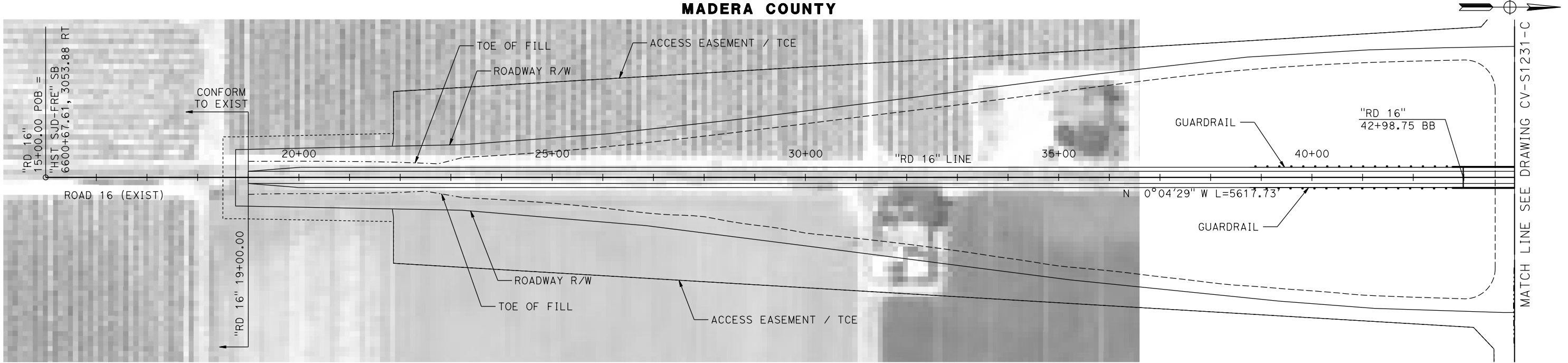
						DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE AVENUE 21 REALIGNMENT AT ROBERTSON BLVD	CONTRACT NO. 03/18/2016
						DRAWN BY M. TACTAY					DRAWING NO. CV-R1203-C
						CHECKED BY J. RAY					SCALE AS SHOWN
						IN CHARGE C. LEMLEY					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 03/18/2016					



DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL	NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE AVENUE 21 REALIGNMENT AT ROAD 15	CONTRACT NO. 03/18/2016
DRAWN BY M. TACTAY						DRAWING NO. CV-R1220-C
CHECKED BY J. RAY						SCALE AS SHOWN
IN CHARGE C. LEMLEY						SHEET NO.
DATE 03/18/2016						

REV	DATE	BY	CHK	APP	DESCRIPTION

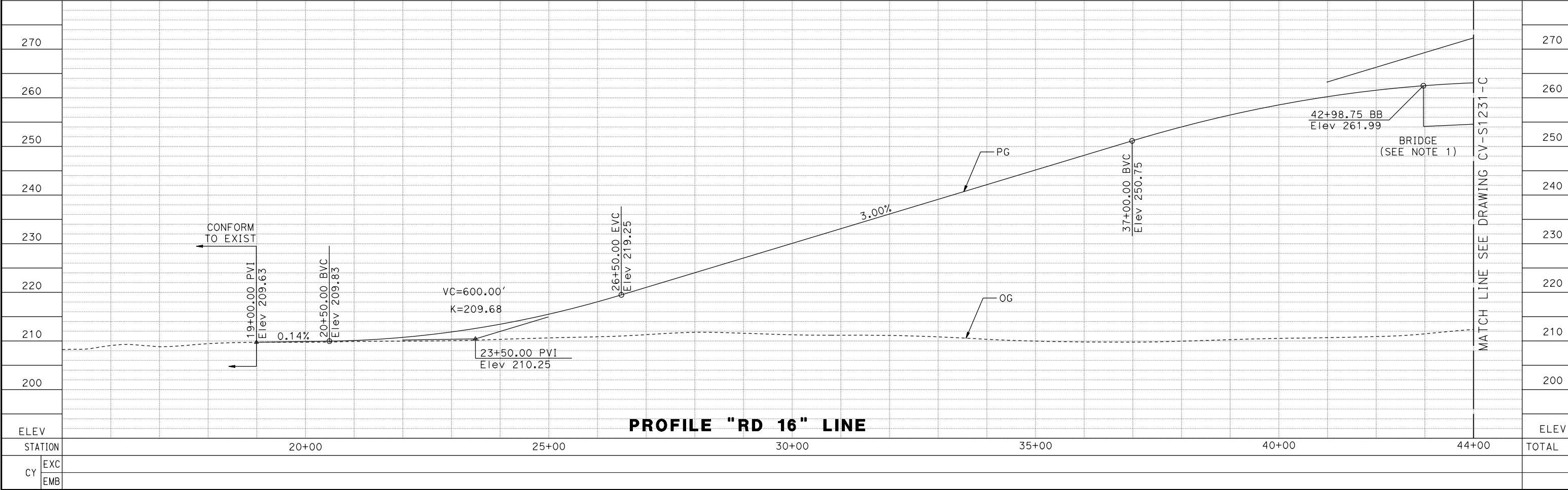
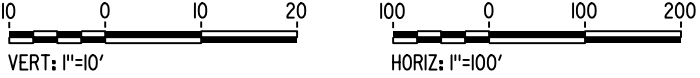
MADERA COUNTY



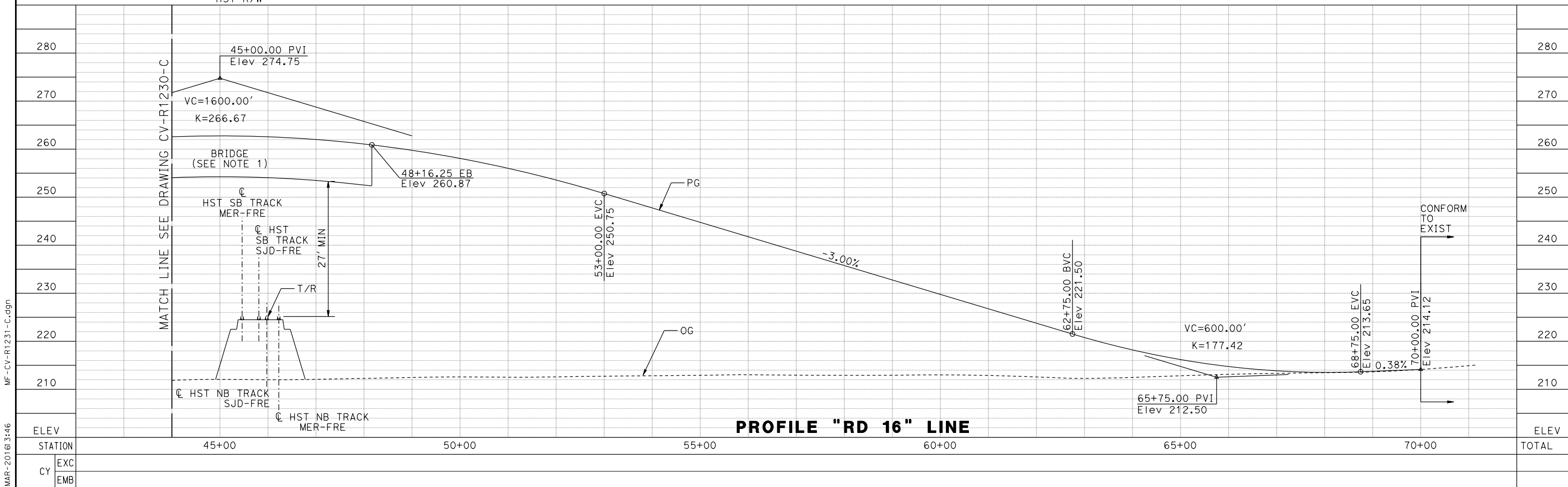
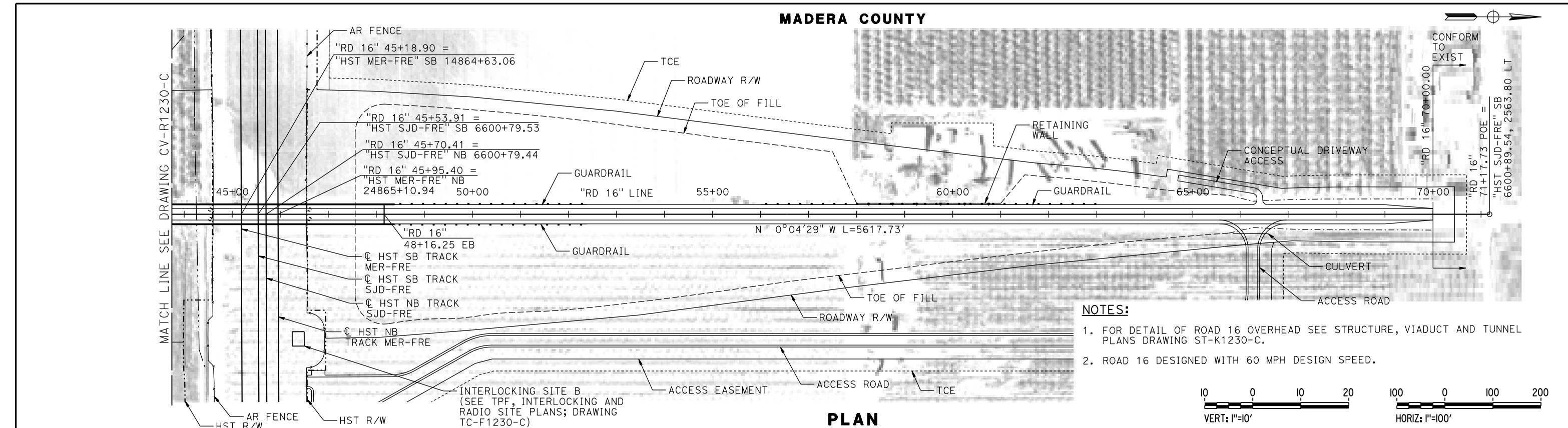
NOTES:

- 1. FOR DETAIL OF ROAD 16 OVERHEAD SEE STRUCTURE, VIADUCT AND TUNNEL PLANS DRAWING ST-K1230-C.
- 2. ROAD 16 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



<div>DESIGNED BY A. GURA</div> <div>DRAWN BY M. TACTAY</div> <div>CHECKED BY J. RAY</div> <div>IN CHARGE C. LEMLEY</div> <div>DATE 03/18/2016</div>						<div>RECORD SET</div> <div>15% DESIGN SUBMITTAL</div> <div>NOT FOR CONSTRUCTION</div>		<div>PARSONS</div> <div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div>		<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT</div> <div>MERCED TO FRESNO SECTION</div> <div>CENTRAL VALLEY WYE</div> <div>AVENUE 21 TO ROAD 13 WYE ALTERNATIVE</div> <div>PLAN AND PROFILE</div> <div>ROAD 16 GRADE SEPARATION</div>			<div>CONTRACT NO. 03/18/2016</div> <div>DRAWING NO. CV-R1230-C</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div>	
REV	DATE	BY	CHK	APP	DESCRIPTION									

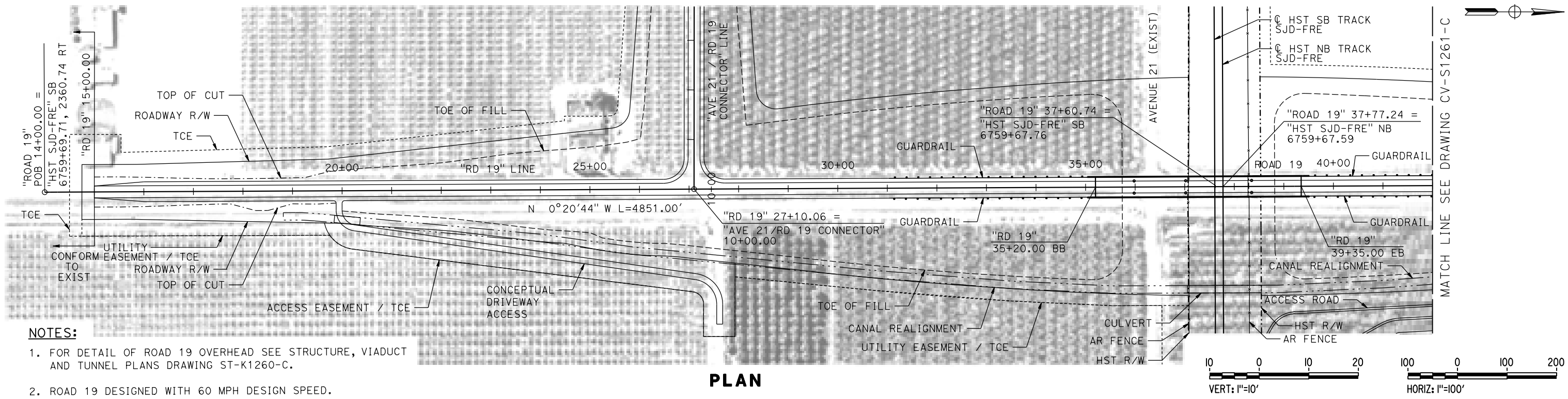


18-MAR-2016 16:31:46 MF-CV-R1231-C.dgn					DESIGNED BY A. GURA		RECORD SET 15% DESIGN SUBMITTAL			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 16 GRADE SEPARATION	CONTRACT NO. 03/18/2016
REV					DRAWN BY M. TACTAY						DRAWING NO. CV-R1231-C
DATE					CHECKED BY J. RAY						SCALE AS SHOWN
DESCRIPTION					IN CHARGE C. LEMLEY						SHEET NO.

18-MAR-2016 16:31:46 MF-CV-R1231-C.dgn

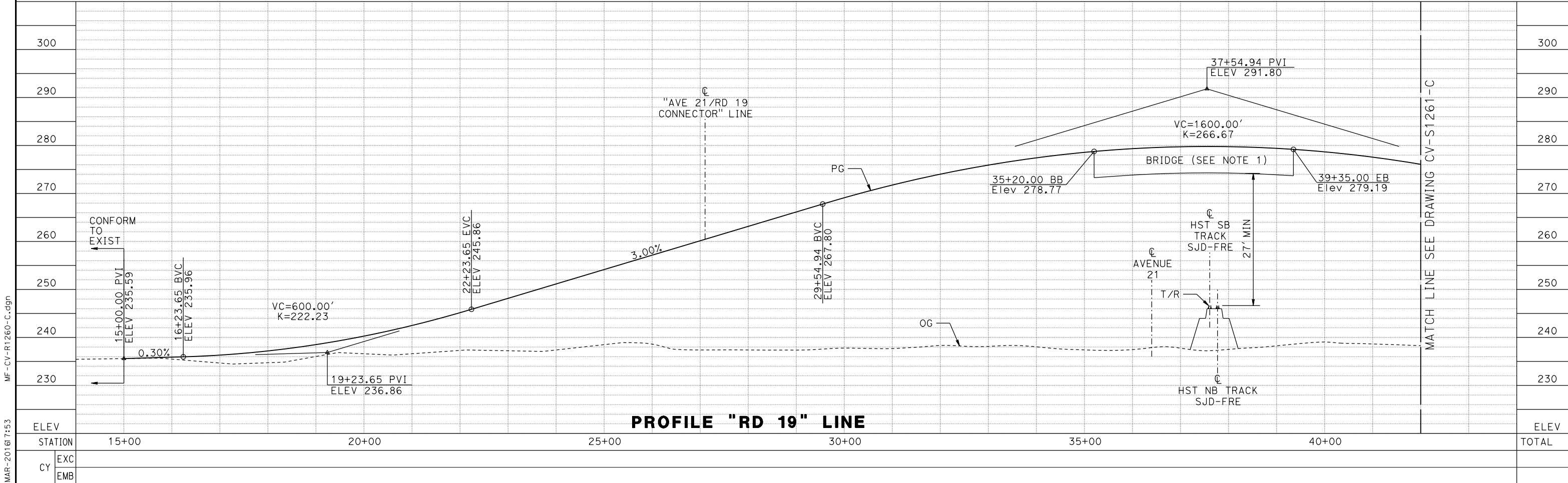
18-MAR-2016 16:31:46 MF-CV-R1231-C.dgn

MADERA COUNTY



- NOTES:
- FOR DETAIL OF ROAD 19 OVERHEAD SEE STRUCTURE, VIADUCT AND TUNNEL PLANS DRAWING ST-K1260-C.
 - ROAD 19 DESIGNED WITH 60 MPH DESIGN SPEED.

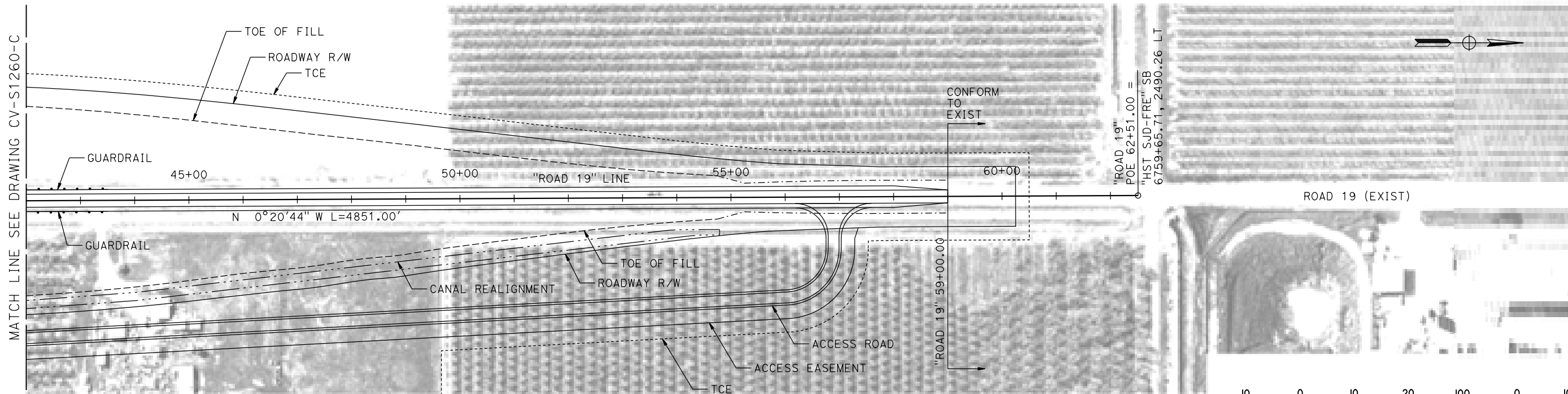
PLAN



PROFILE "RD 19" LINE

<div>DESIGNED BY A. GURA</div> <div>DRAWN BY M. TACTAY</div> <div>CHECKED BY J. RAY</div> <div>IN CHARGE C. LEMLEY</div> <div>DATE 03/18/2016</div>					<div>RECORD SET 15% DESIGN SUBMITTAL</div> <div>NOT FOR CONSTRUCTION</div>		<div>PARSONS</div> <div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div>		<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION</div> <div>CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 19 GRADE SEPARATION</div>			<div>CONTRACT NO. 03/18/2016</div> <div>DRAWING NO. CV-R1260-C</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div>	
REV	DATE	BY	CHK	APP	DESCRIPTION								

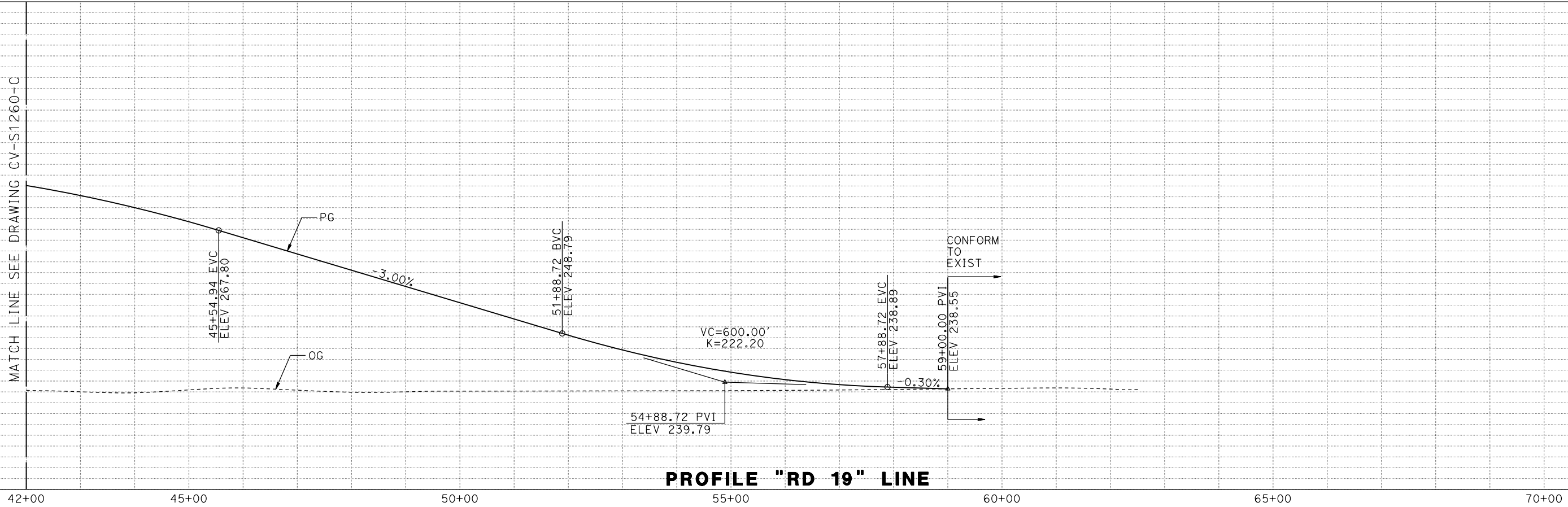
MADERA COUNTY



NOTES:

1. ROAD 19 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



PROFILE "RD 19" LINE

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

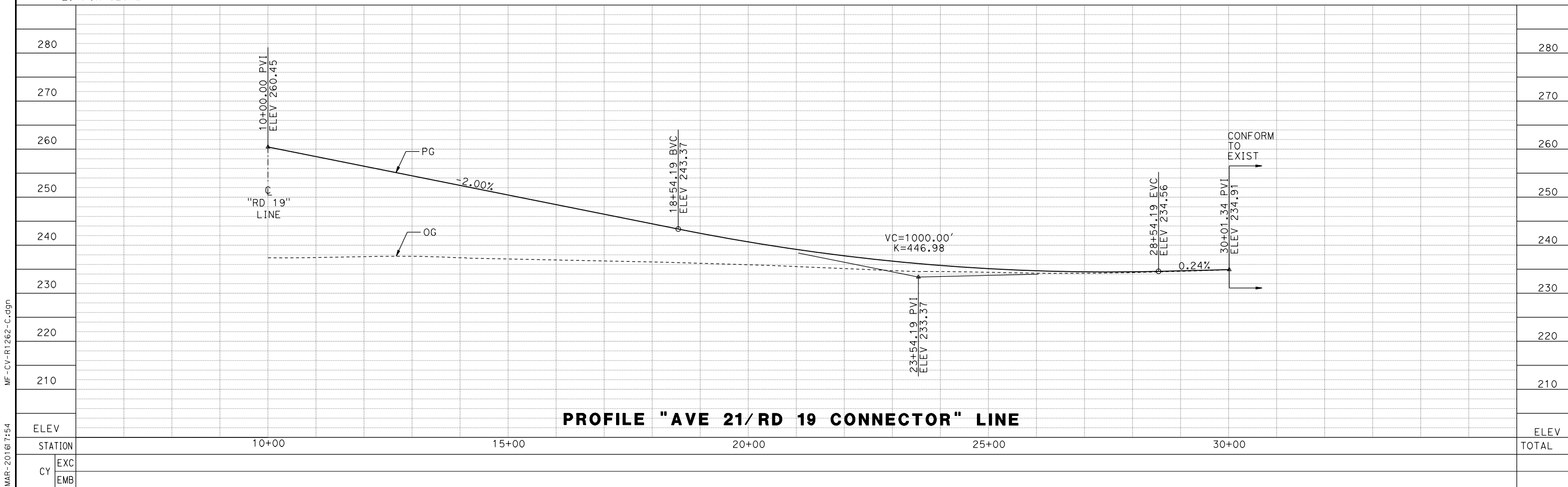
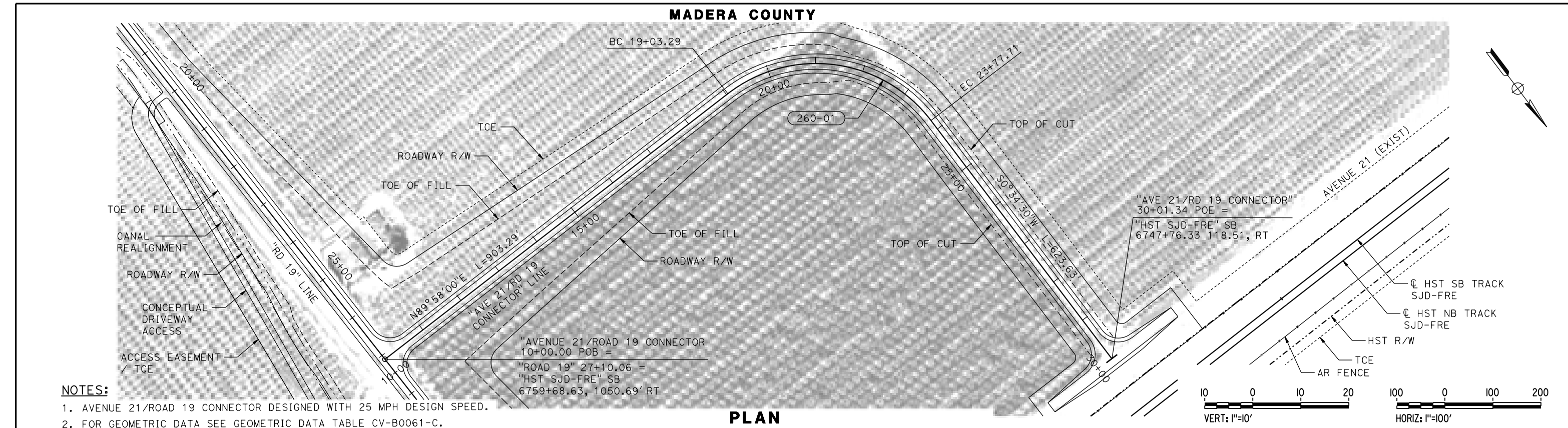
RECORD SET
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SUBMITTAL

NOT FOR
CONSTRUCTION



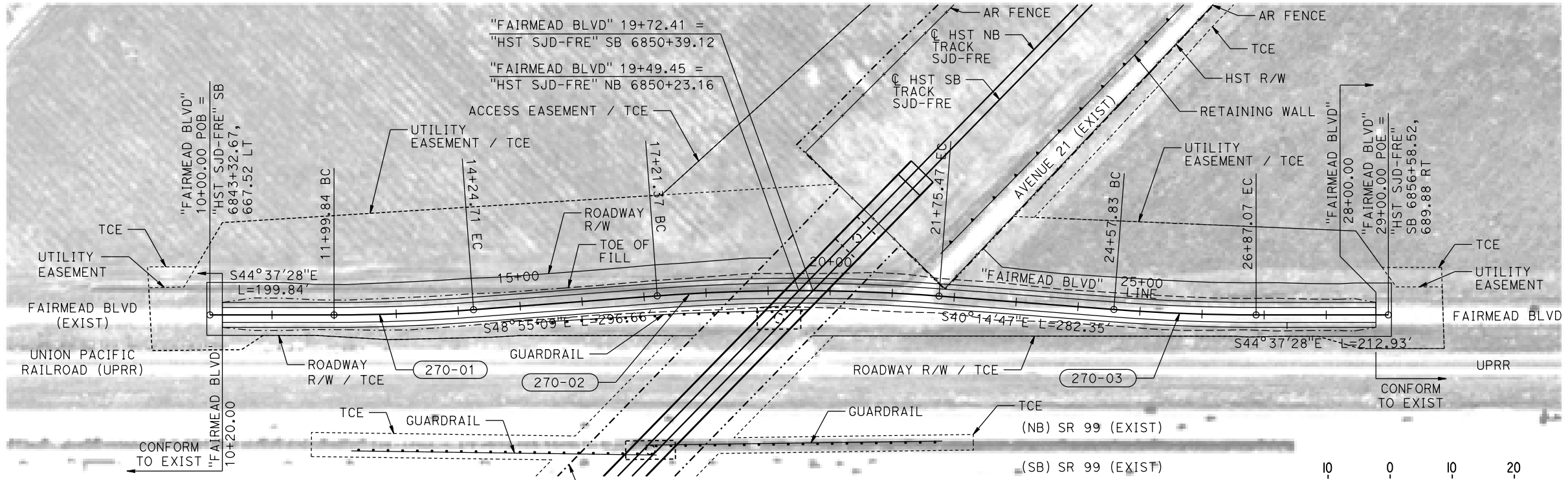
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 19 GRADE SEPARATION

CONTRACT NO.
03/18/2016
DRAWING NO.
CV-R1261-C
SCALE
AS SHOWN
SHEET NO.



DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE AVENUE 21/ ROAD 19 CONNECTOR	CONTRACT NO. 03/18/2016
DRAWN BY M. TACTAY					DRAWING NO. CV-R1262-C
CHECKED BY J. RAY					SCALE AS SHOWN
IN CHARGE C. LEMLEY					SHEET NO.
DATE 03/18/2016					
REV	DATE	BY	CHK	APP	DESCRIPTION

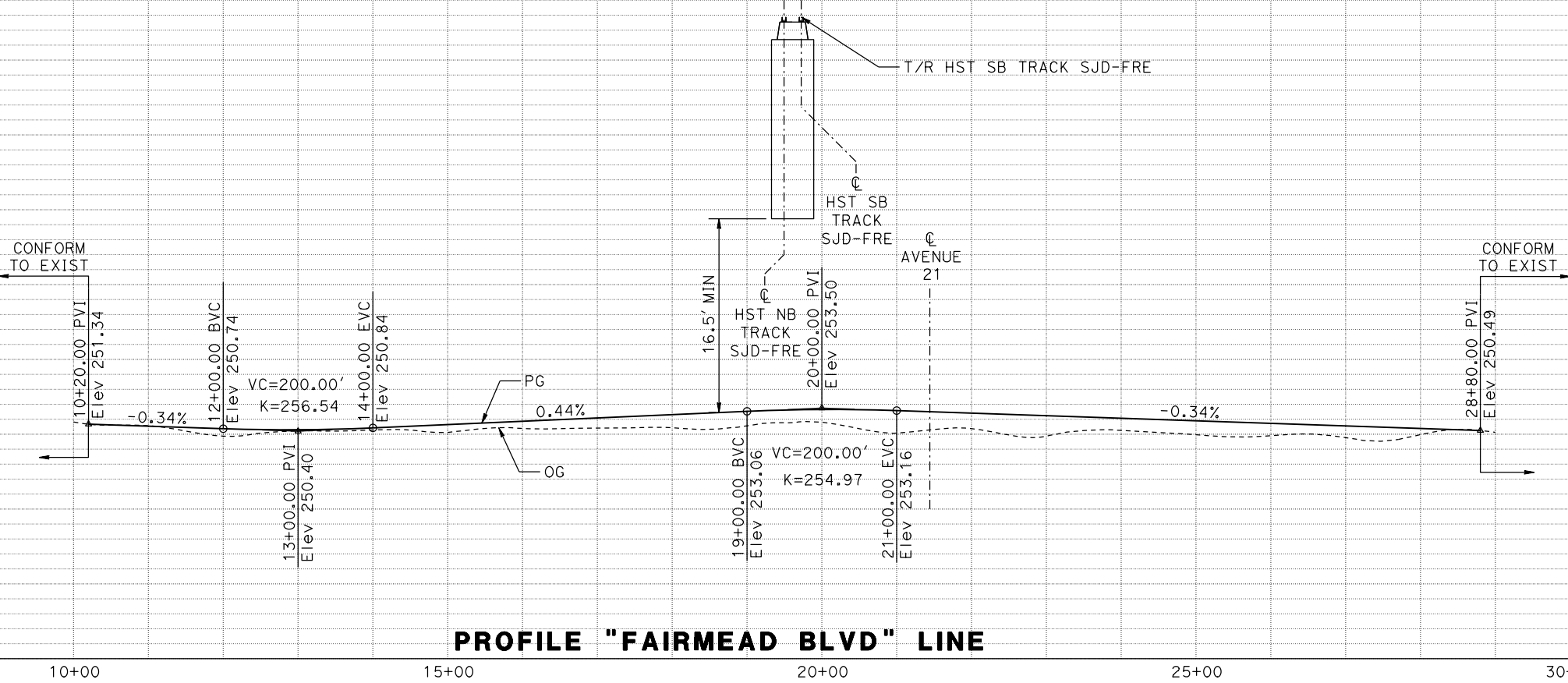
MANDERA COUNTY



NOTES:

1. FAIRMEAD BOULEVARD REALIGNMENT DESIGNED WITH 60 MPH DESIGN SPEED.
2. FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0061-C.

PLAN



PROFILE "FAIRMEAD BLVD" LINE

MF-CV-R1270-C.dgn
18-MAR-2016 13:46
p005133A

ELEV	STATION
300	
290	
280	
270	
260	
250	
240	
230	
EXC	
EMB	

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



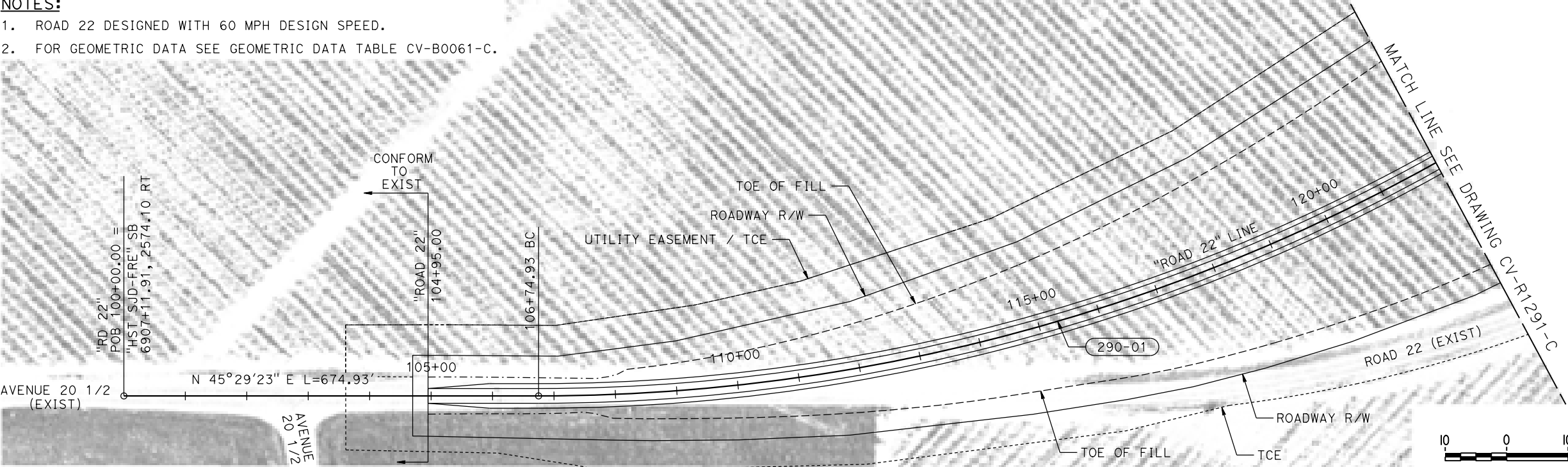
CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
FAIRMEAD BLVD REALIGNMENT

CONTRACT NO. 03/18/2016
DRAWING NO. CV-R1270-C
SCALE AS SHOWN
SHEET NO.

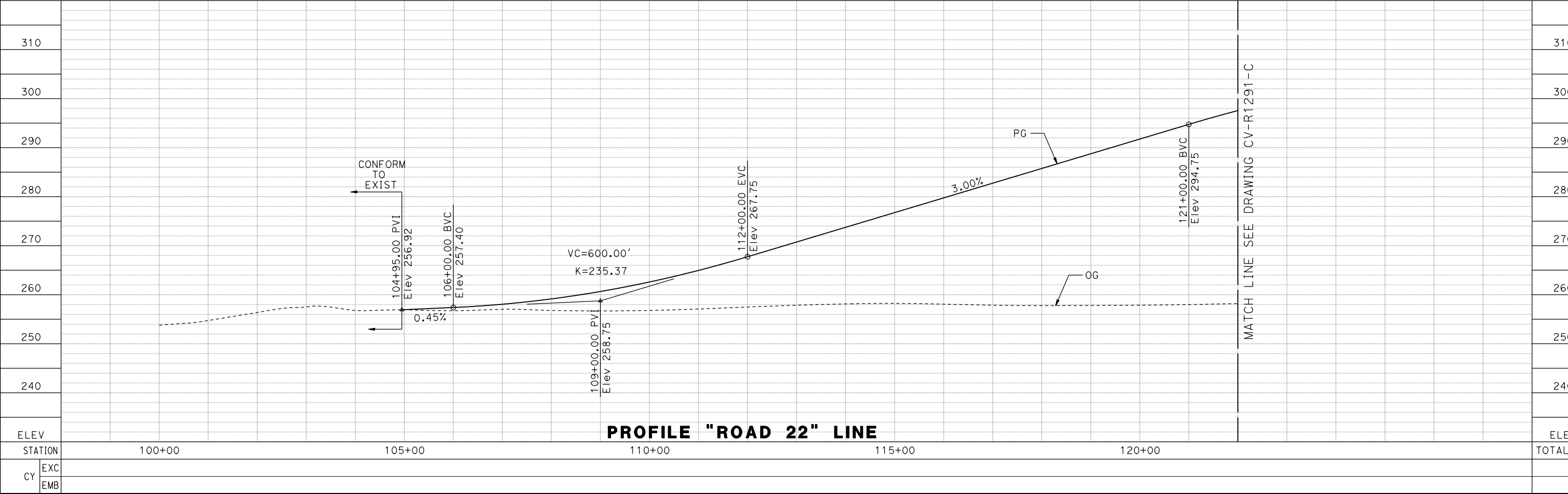
MADERA COUNTY

NOTES:

1. ROAD 22 DESIGNED WITH 60 MPH DESIGN SPEED.
2. FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0061-C.



PLAN



PROFILE "ROAD 22" LINE

MF-CV-R1290-C.dgn 17-MAR-2016 17:55 p005133a

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

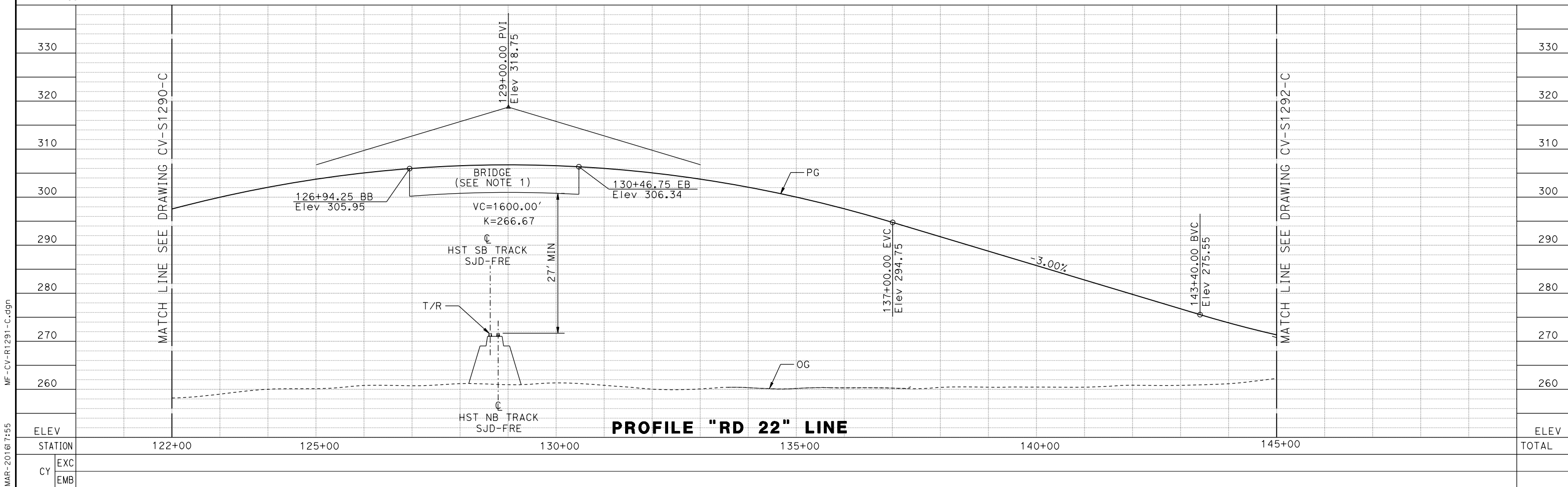
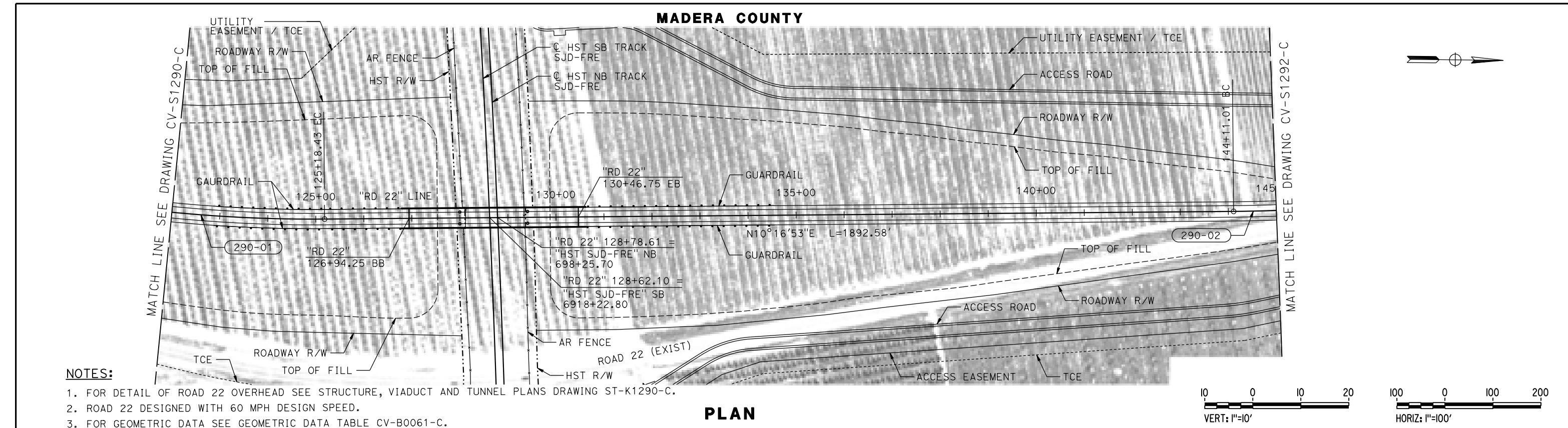
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 22 GRADE SEPARATION

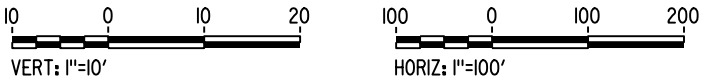
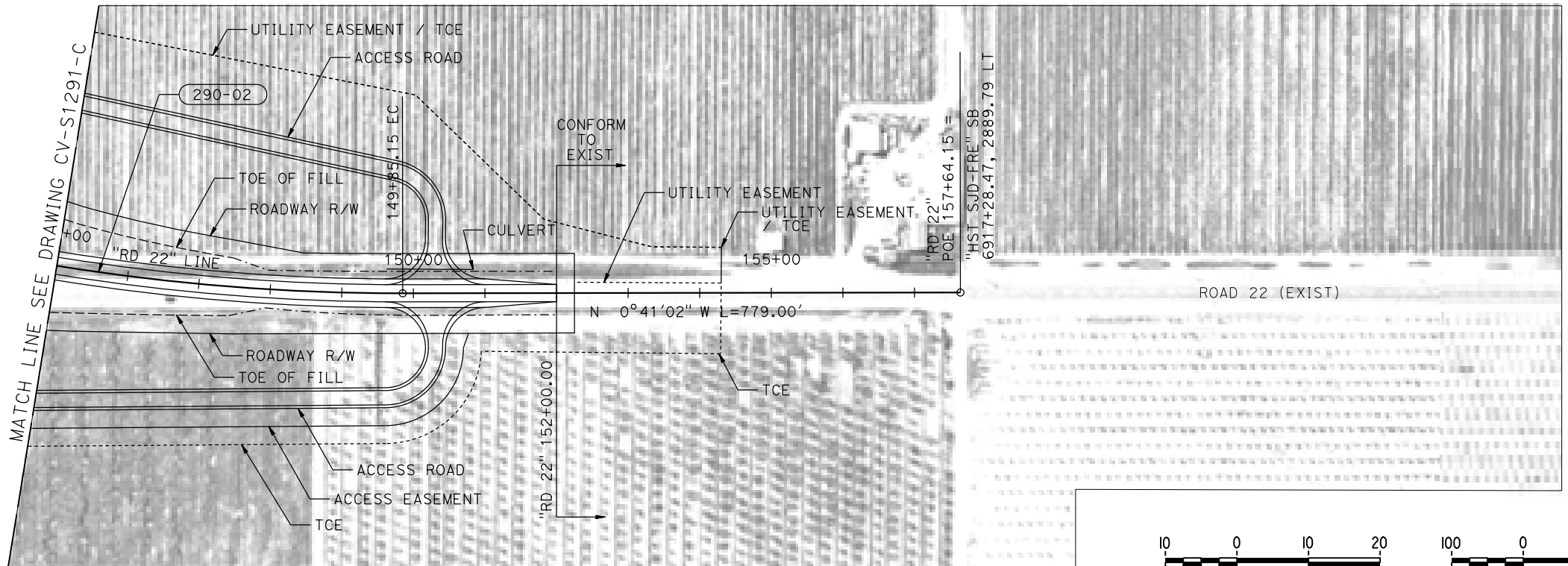
CONTRACT NO.
03/18/2016
DRAWING NO.
CV-R1290-C
SCALE
AS SHOWN
SHEET NO.



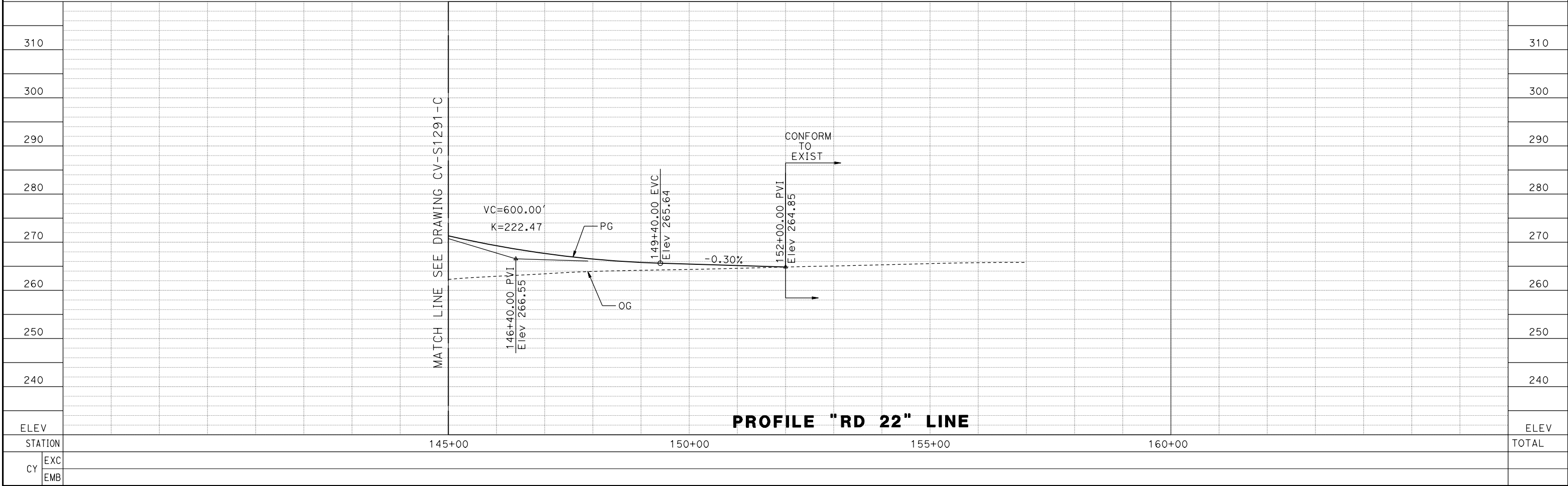
REV	DATE	BY	CHK	APP	DESCRIPTION	DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 22 GRADE SEPARATION	CONTRACT NO. 03/18/2016
						DRAWN BY M. TACTAY					DRAWING NO. CV-R1291-C
						CHECKED BY J. RAY					SCALE AS SHOWN
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 03/18/2016					

p005133a 17-MAR-2016 17:56 MF-CV-R1292-C.dgn

MADERA COUNTY

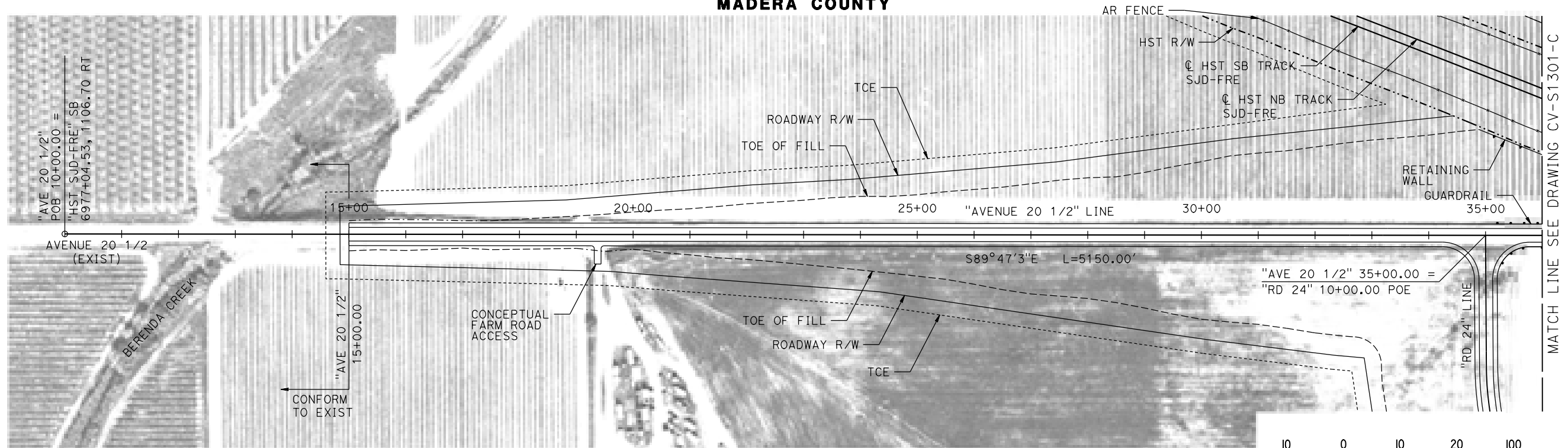


- NOTES:**
- ROAD 22 DESIGNED WITH 60 MPH DESIGN SPEED.
 - FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0061-C.



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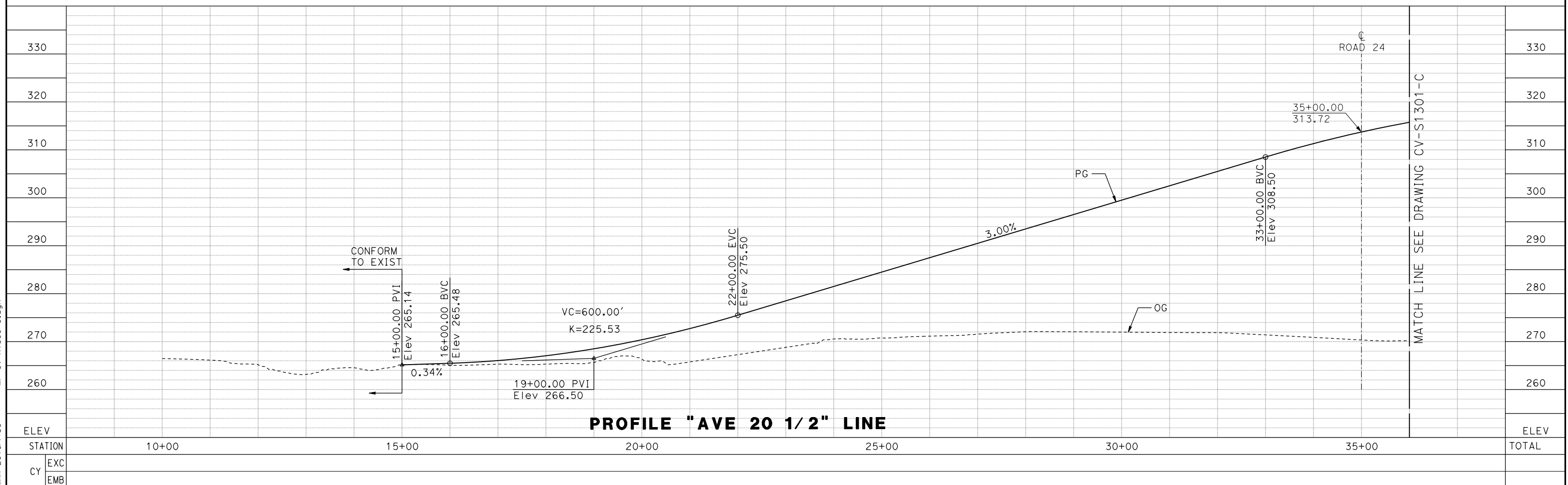
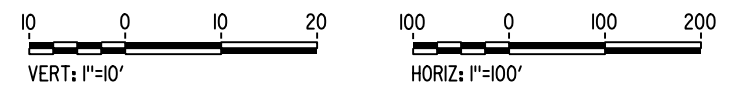
MADERA COUNTY



NOTES:

1. AVENUE 20 1/2 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY	A. GURA
DRAWN BY	M. TACTAY
CHECKED BY	J. RAY
IN CHARGE	C. LEMLEY
DATE	03/18/2016

**RECORD SET
15% DESIGN
SUBMITTAL**

**NOT FOR
CONSTRUCTION**

**CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION**

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
AVENUE 20½ GRADE SEPARATION

CONTRACT NO.
03/18/2016

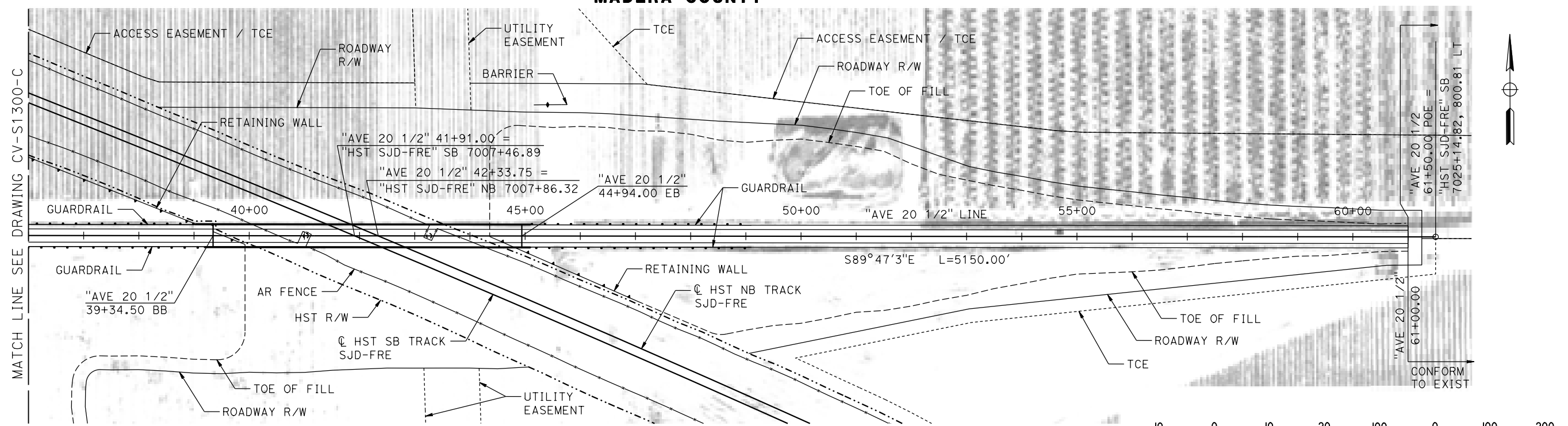
DRAWING NO.
CV-R1300-C

SCALE
AS SHOWN

SHEET NO.

MF-CV-R1301-C.dgn
17-MAR-2016 17:56
p005133a

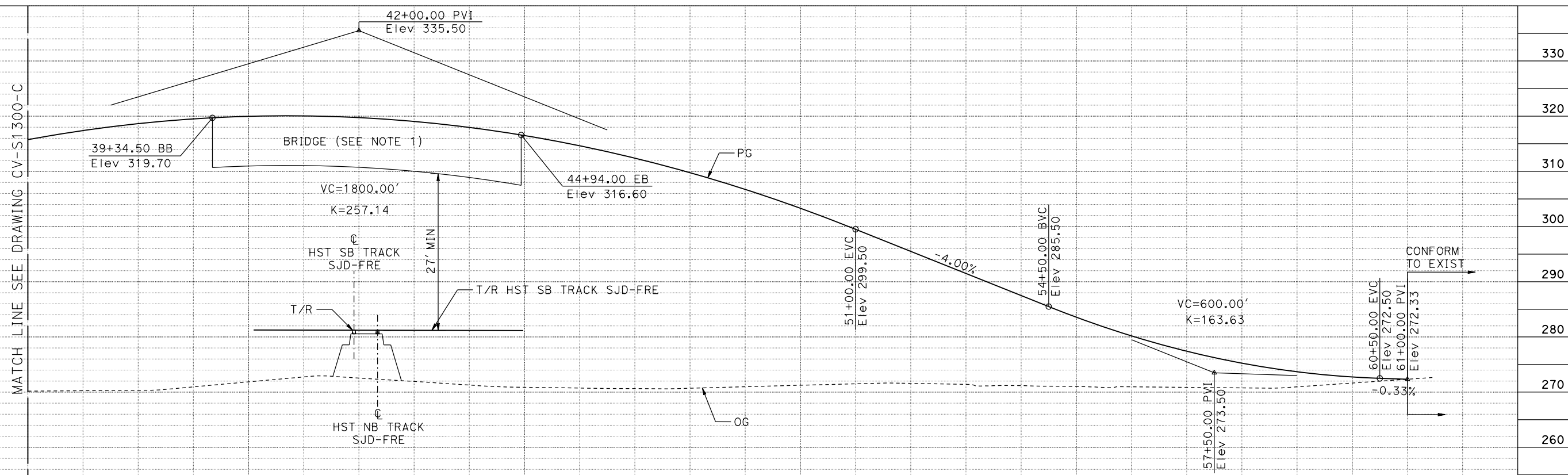
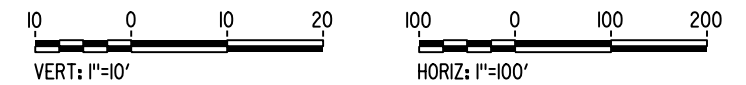
MADERA COUNTY



NOTES:

1. FOR DETAIL OF AVENUE 20 1/2 OVERHEAD SEE STRUCTURE, VIADUCT AND TUNNEL PLANS DRAWING ST-K1300-C.
2. AVENUE 20 1/2 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



PROFILE "AVE 20 1/2" LINE

ELEV		STATION	35+00	40+00	45+00	50+00	55+00	60+00	TOTAL
CY	EXC								
	EMB								

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

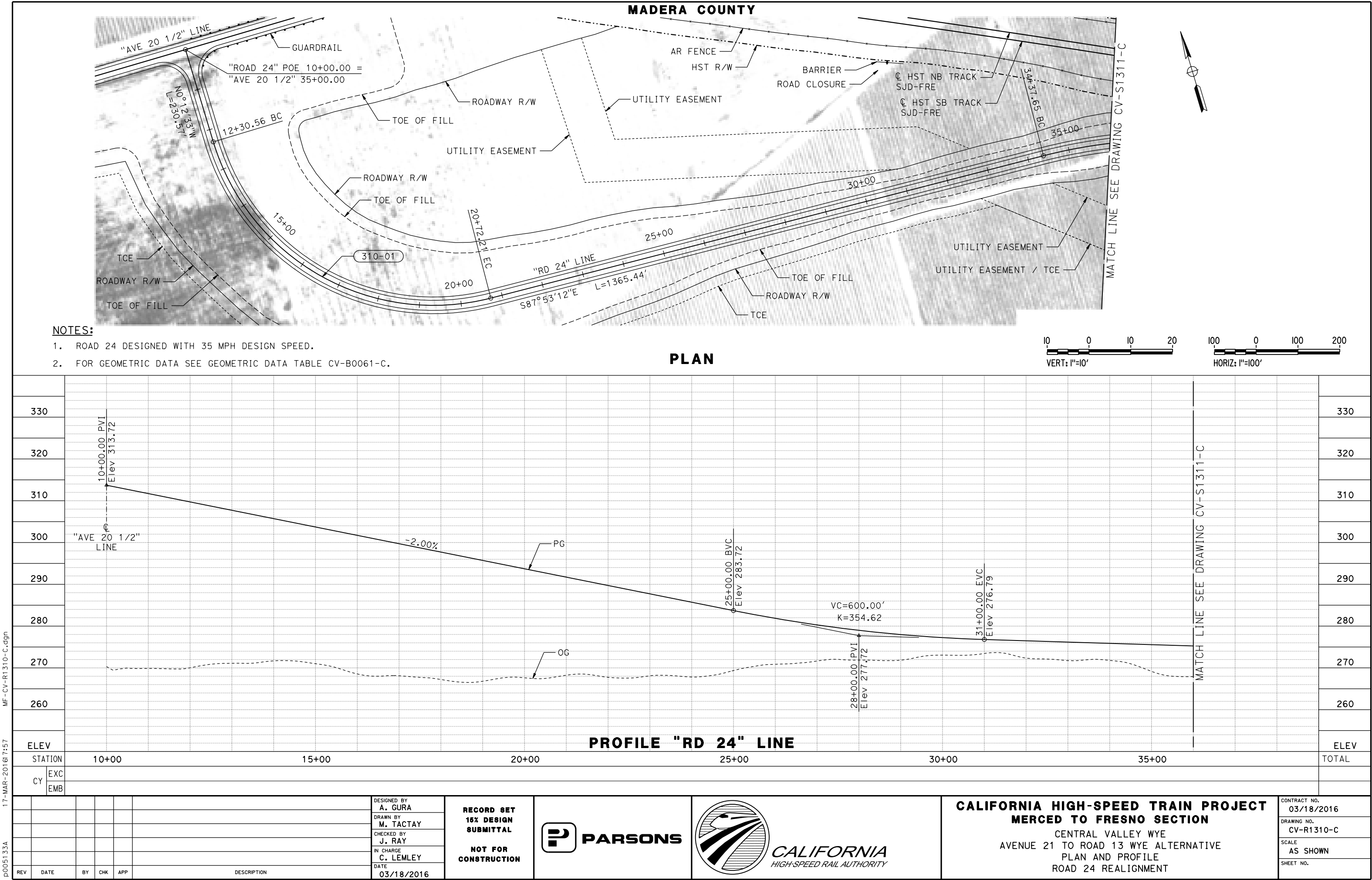
RECORD SET
15% DESIGN
SUBMITTAL

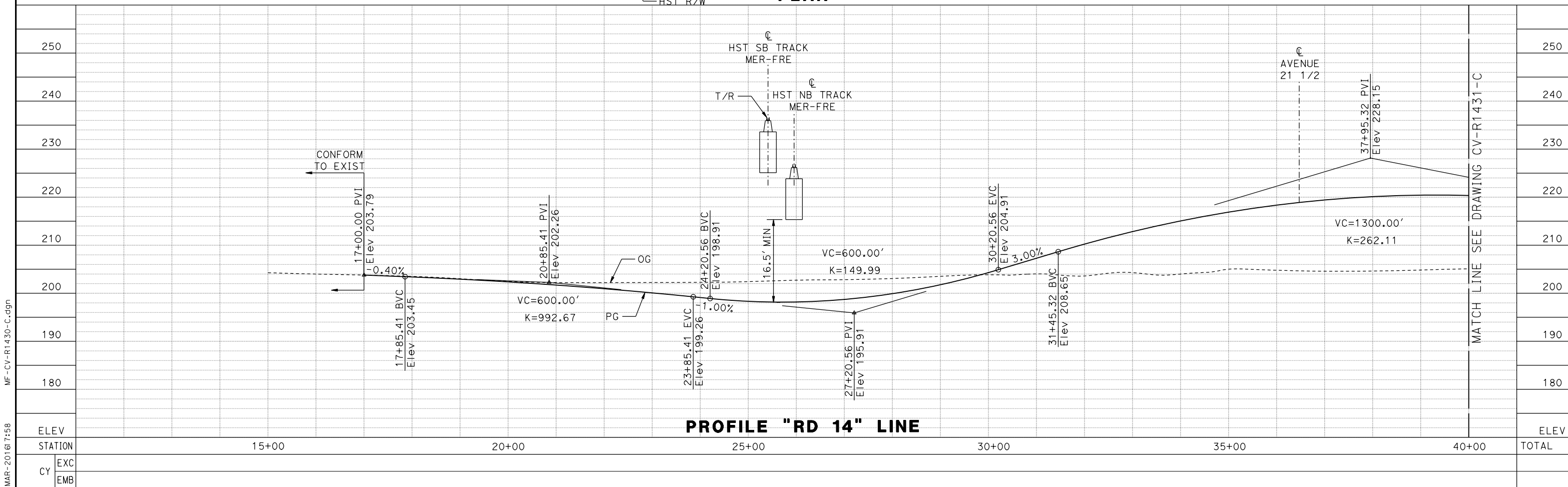
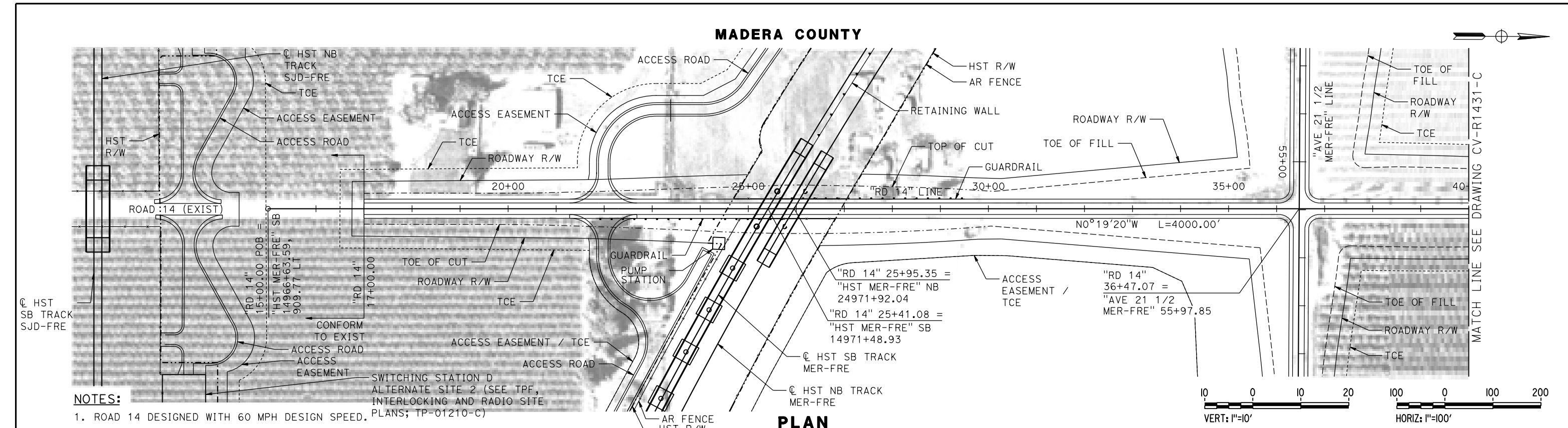
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
AVENUE 20 1/2 GRADE SEPARATION

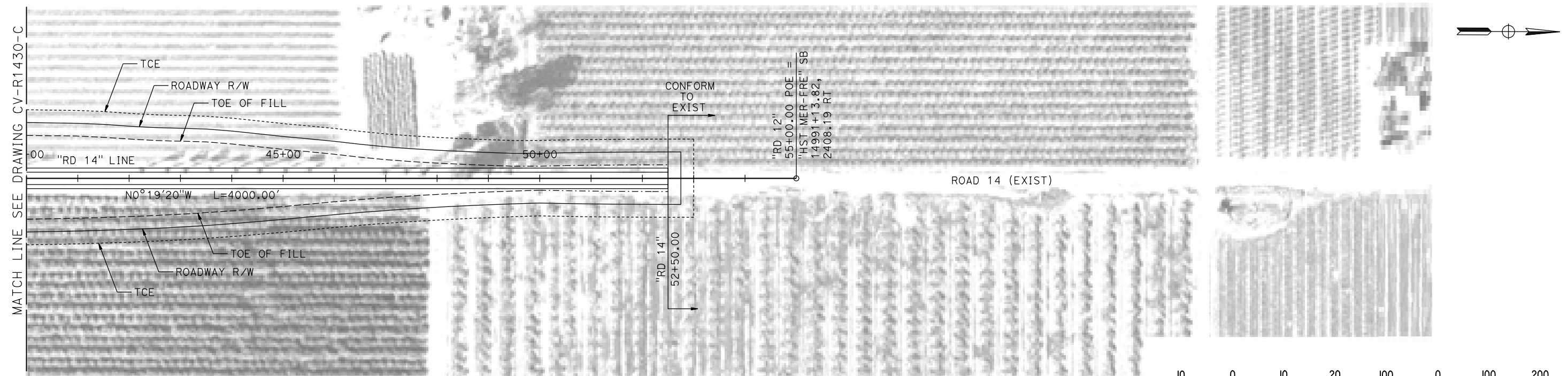
CONTRACT NO.
03/18/2016
DRAWING NO.
CV-R1301-C
SCALE
AS SHOWN
SHEET NO.





<div>DESIGNED BY A. GURA DRAWN BY M. TACTAY CHECKED BY J. RAY IN CHARGE C. LEMLEY DATE 03/18/2016</div>					<div>RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION</div>		<div>PARSONS</div>		<div>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div>		<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 14 GRADE SEPARATION</div>			<div>CONTRACT NO. 03/18/2016 DRAWING NO. CV-R1430-C SCALE AS SHOWN SHEET NO.</div>	
REV	DATE	BY	CHK	APP	DESCRIPTION										

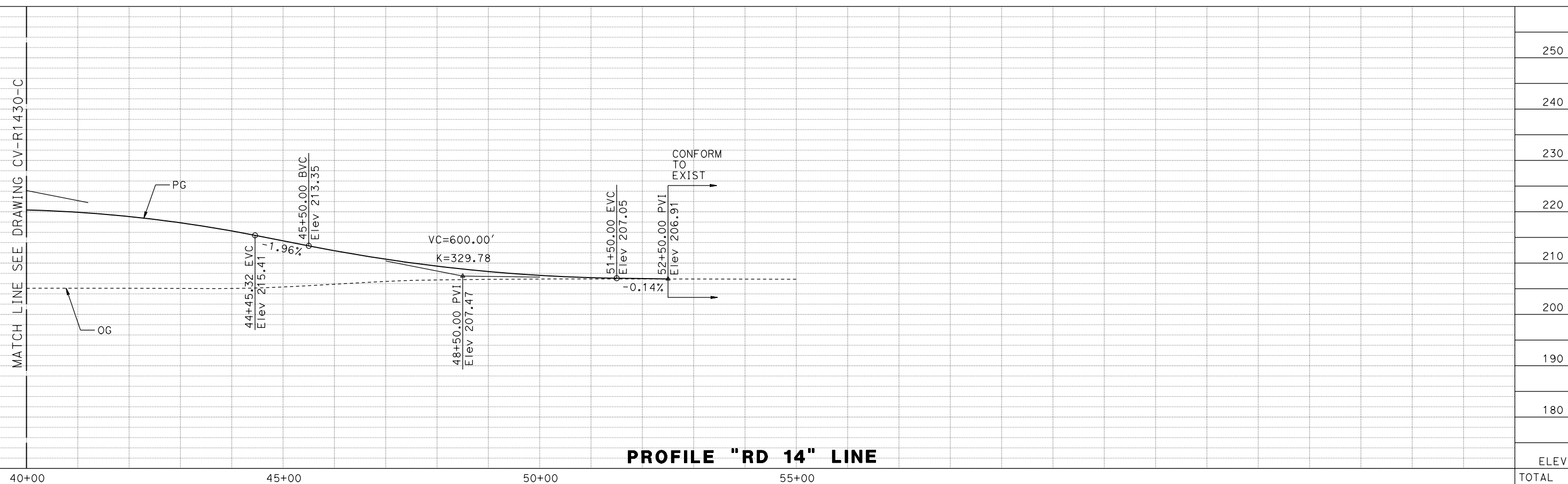
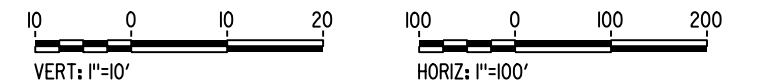
MADERA COUNTY




NOTES:

1. ROAD 14 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



PROFILE "RD 14" LINE

						DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 14 GRADE SEPARATION	CONTRACT NO. 03/18/2016
						DRAWN BY M. TACTAY					DRAWING NO. CV-R1431-C
						CHECKED BY J. RAY					SCALE AS SHOWN
						IN CHARGE C. LEMLEY					SHEET NO.
REV	DATE	BY	CHK	APP	DESCRIPTION	DATE 03/18/2016					

DESIGNED BY	A. GURA
DRAWN BY	M. TACTAY
CHECKED BY	J. RAY
IN CHARGE	C. LEMLEY
DATE	03/18/201

**RECORD SET
15% DESIGN
SUBMITTAL**

**NOT FOR
CONSTRUCTION**



CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 14 GRADE SEPARATION

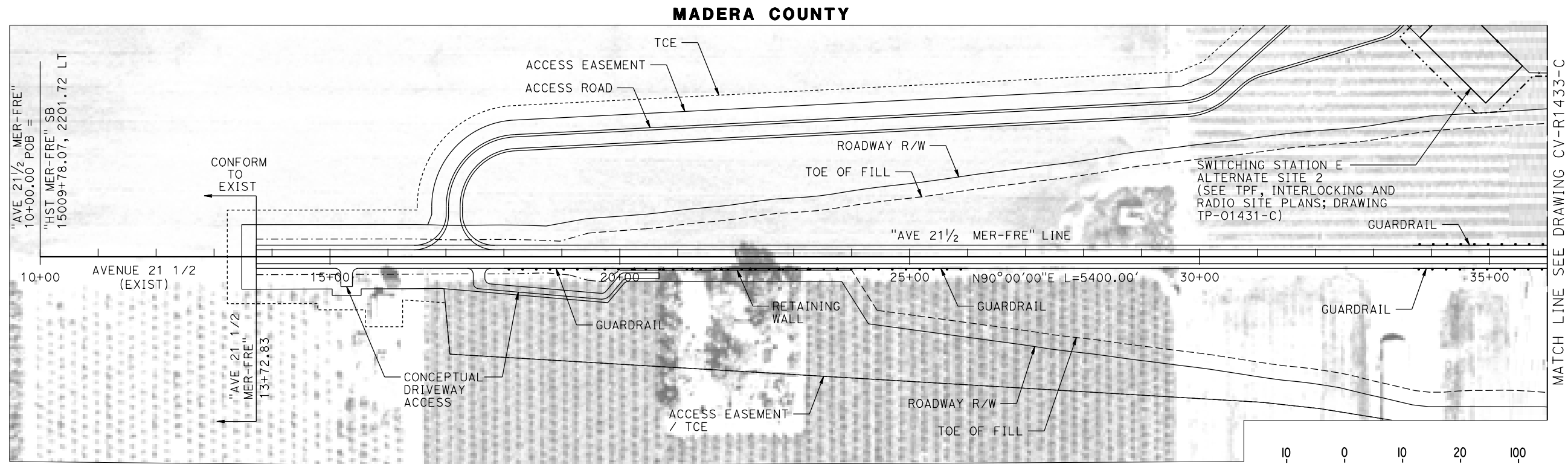
CONTRACT NO.
03/18/2016

DRAWING NO.
CV-R1431-C

SCALE
AS SHOWN

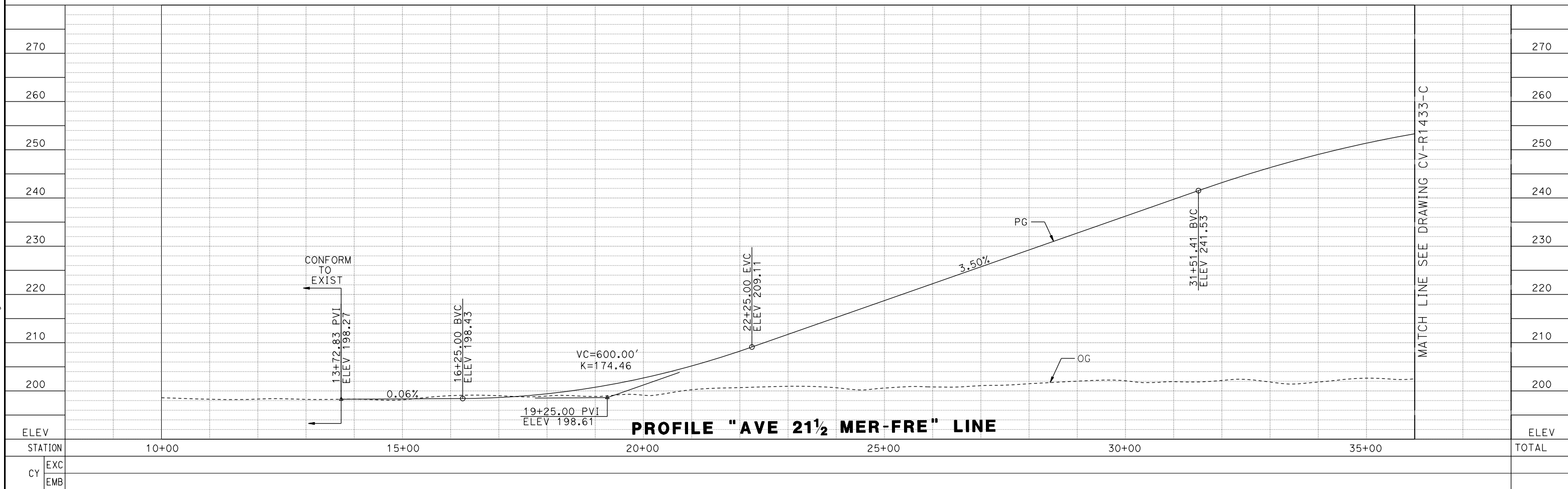
SHEET NO.

MF-CV-R1432-C.dgn 17-MAR-2016 17:59 p005133a



NOTES:
1. AVENUE 21 1/2 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



PROFILE "AVE 21 1/2 MER-FRE" LINE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

**RECORD SET
15% DESIGN
SUBMITTAL**

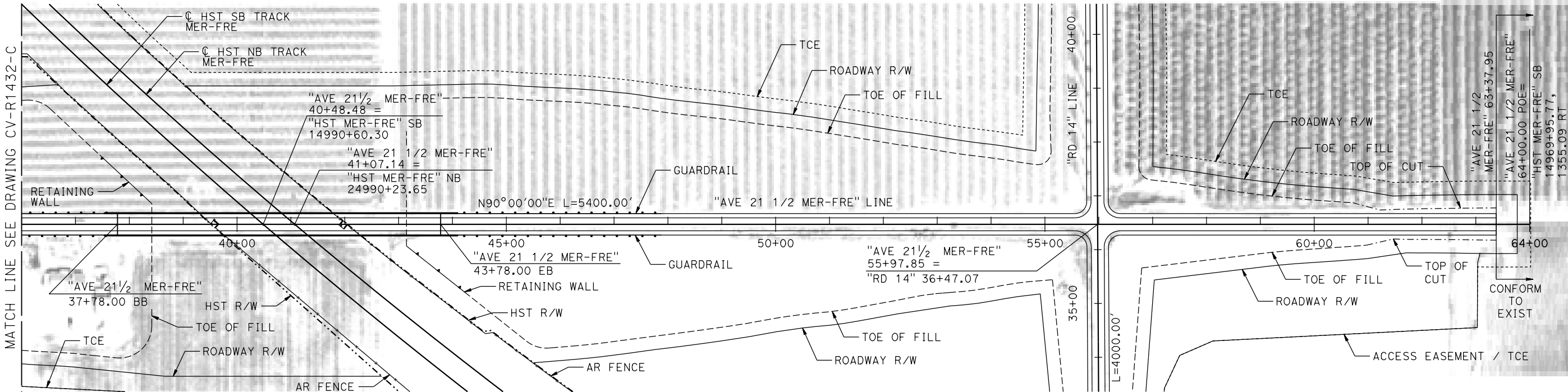
**NOT FOR
CONSTRUCTION**



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION**

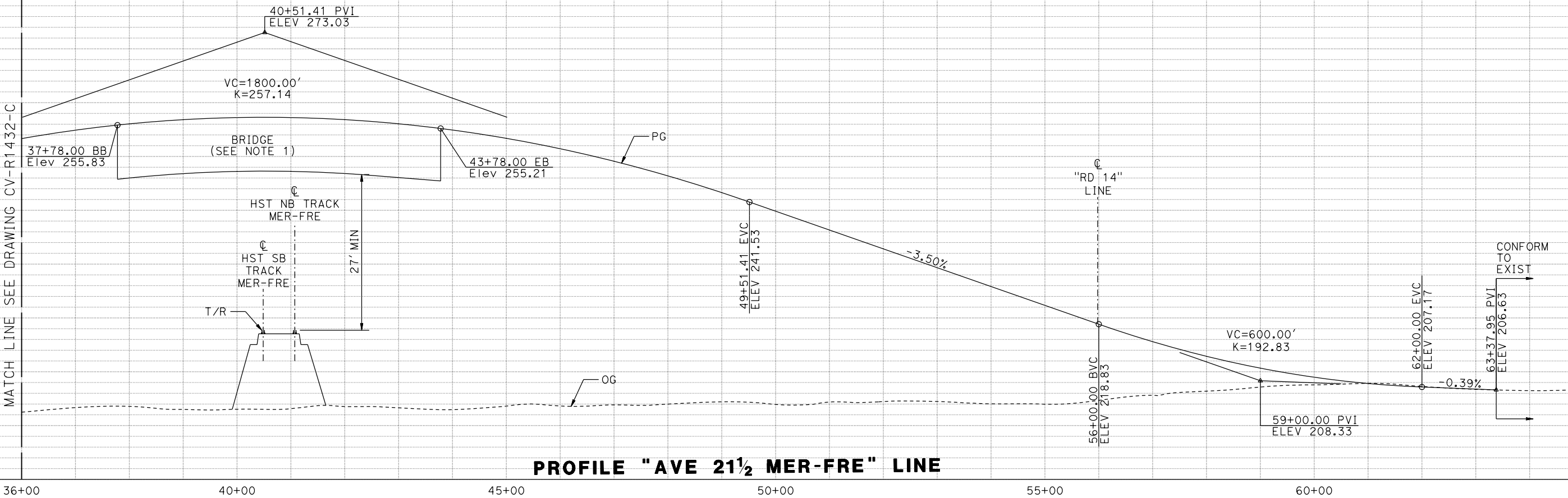
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
AVENUE 21 1/2 MER-FRE GRADE SEPARATION

CONTRACT NO.
03/18/2016
DRAWING NO.
CV-R1432-C
SCALE
AS SHOWN
SHEET NO.



MADERA COUNTY

1. FOR DETAIL OF AVENUE 21 1/2 OVERHEAD SEE STRUCTURE, VIADUCT AND TUNNEL PLANS DRAWING ST-K1435-C
2. AVENUE 21 1/2 DESIGNED WITH 60 MPH DESIGN SPEED.

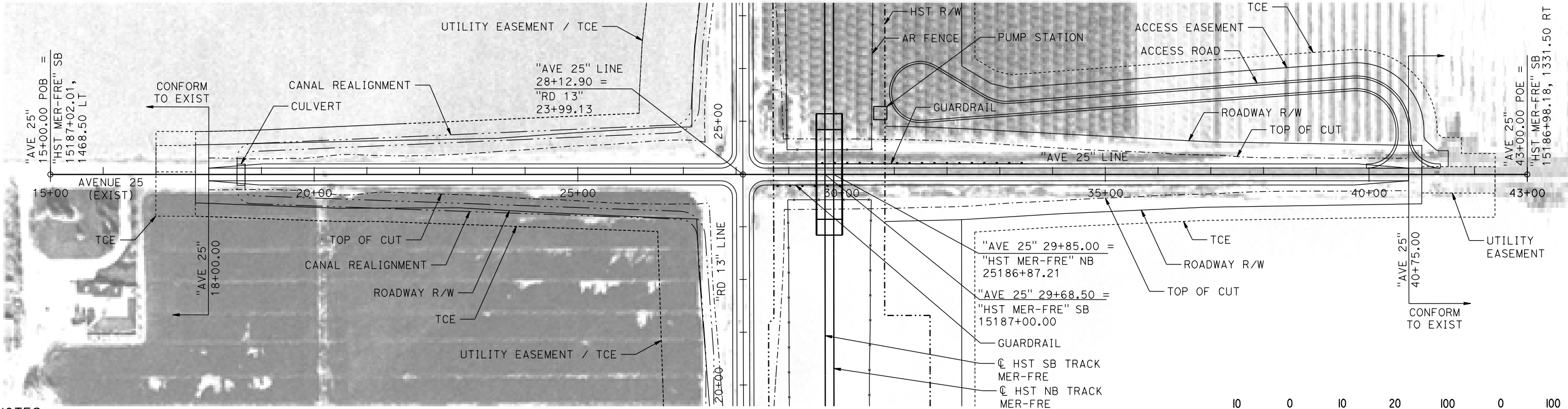
PLAN



PROFILE "AVE 21½ MER-FRE" LINE

						DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION	 PARSONS	 CALIFORNIA <i>HIGH-SPEED RAIL AUTHORITY</i>	CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE AVENUE 21½ MER-FRE GRADE SEPARATION	CONTRACT NO. 03/18/2016
						DRAWN BY M. TACTAY					DRAWING NO. CV-R1433-C
						CHECKED BY J. RAY					SCALE AS SHOWN
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 03/18/2016					
REV	DATE	BY	CHK	APP	DESCRIPTION						

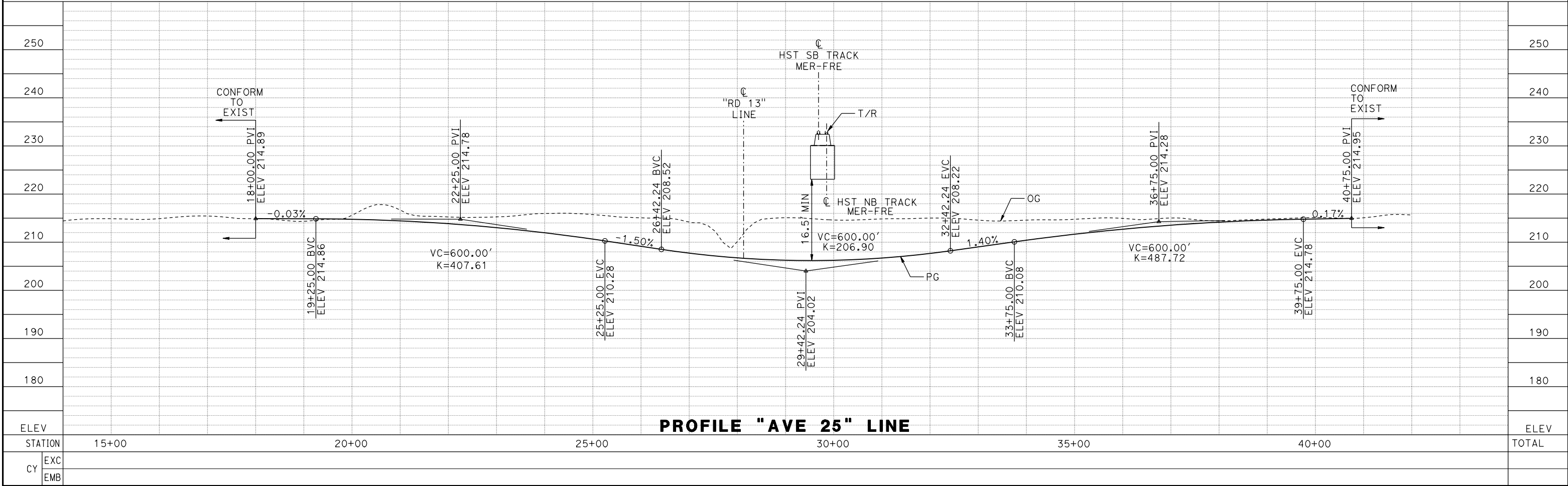
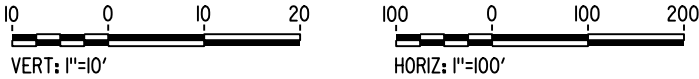
MADERA COUNTY



NOTES:

1. AVENUE 25 DESIGNED WITH 60 MPH DESIGN SPEED.

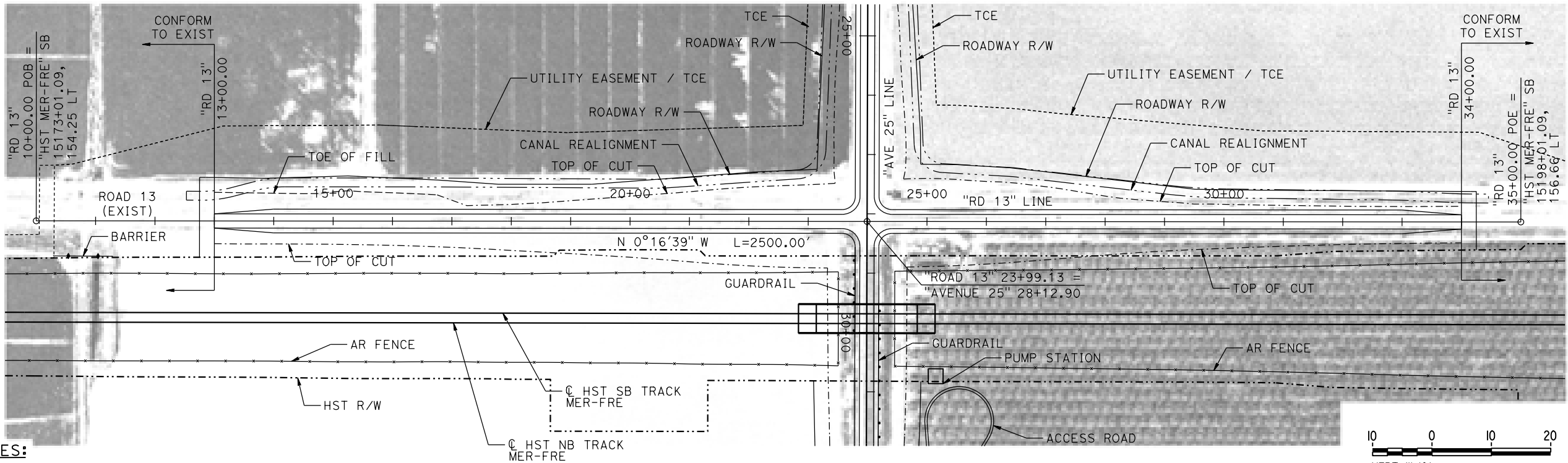
PLAN



PROFILE "AVE 25" LINE

DESIGNED BY A. GURA						RECORD SET 15% DESIGN SUBMITTAL						NOT FOR CONSTRUCTION						CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION						CONTRACT NO. 03/18/2016					
DRAWN BY M. TACTAY						PARSONS						CALIFORNIA HIGH-SPEED RAIL AUTHORITY						CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE AVENUE 25/ WASHINGTON ROAD UNDERPASS						DRAWING NO. CV-R1470-C					
CHECKED BY J. RAY																								SCALE AS SHOWN					
IN CHARGE C. LEMLEY																								SHEET NO.					
DATE 03/18/2016																													
REV	DATE	BY	CHK	APP	DESCRIPTION																								

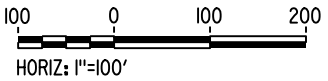
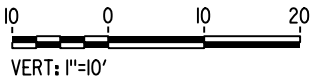
MADERA COUNTY



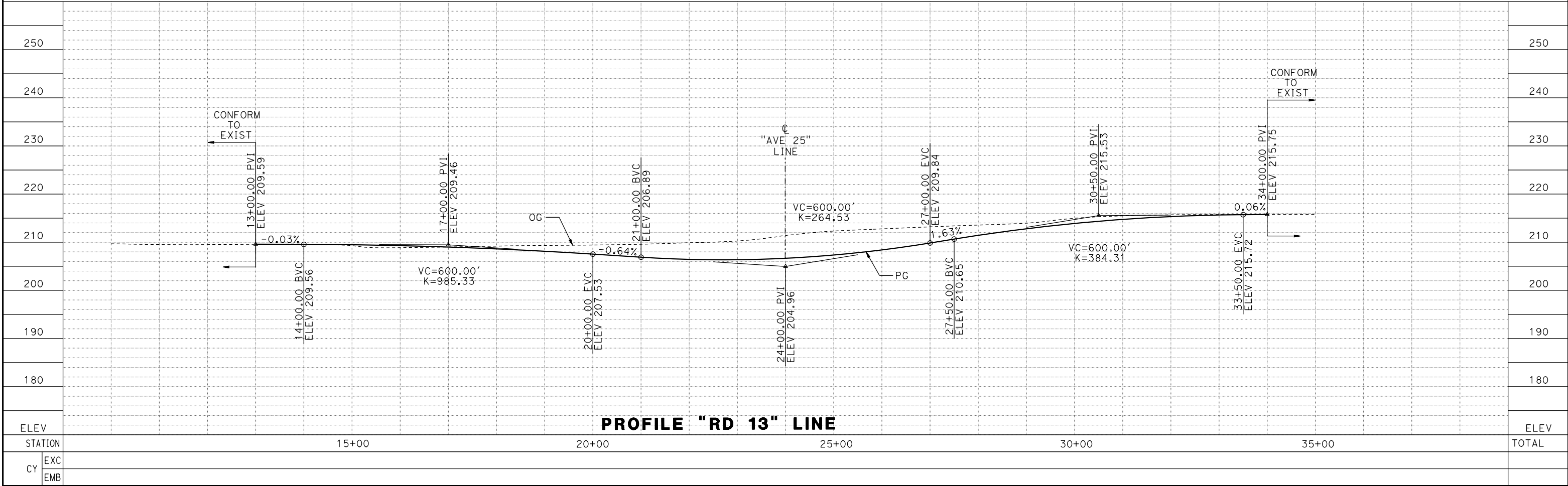
NOTES:

1. ROAD 13 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



MF-CV-R1471-C.dgn
17-MAR-2016 8:00
p005133a



PROFILE "RD 13" LINE

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

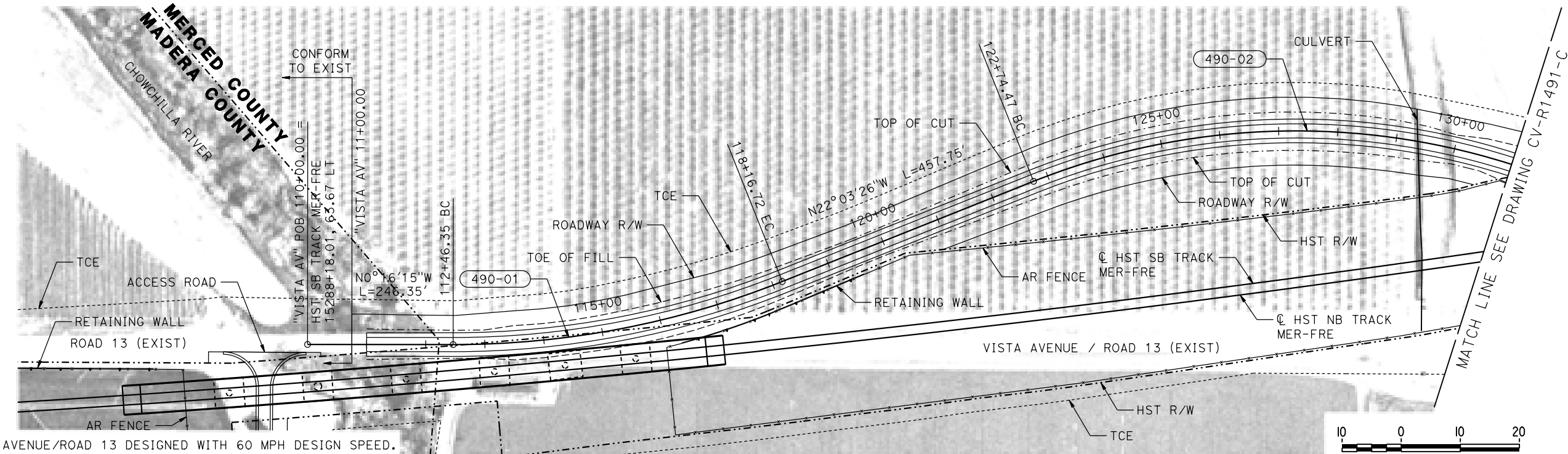
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 13 REALIGNMENT

CONTRACT NO. 03/18/2016
DRAWING NO. CV-R1471-C
SCALE AS SHOWN
SHEET NO.

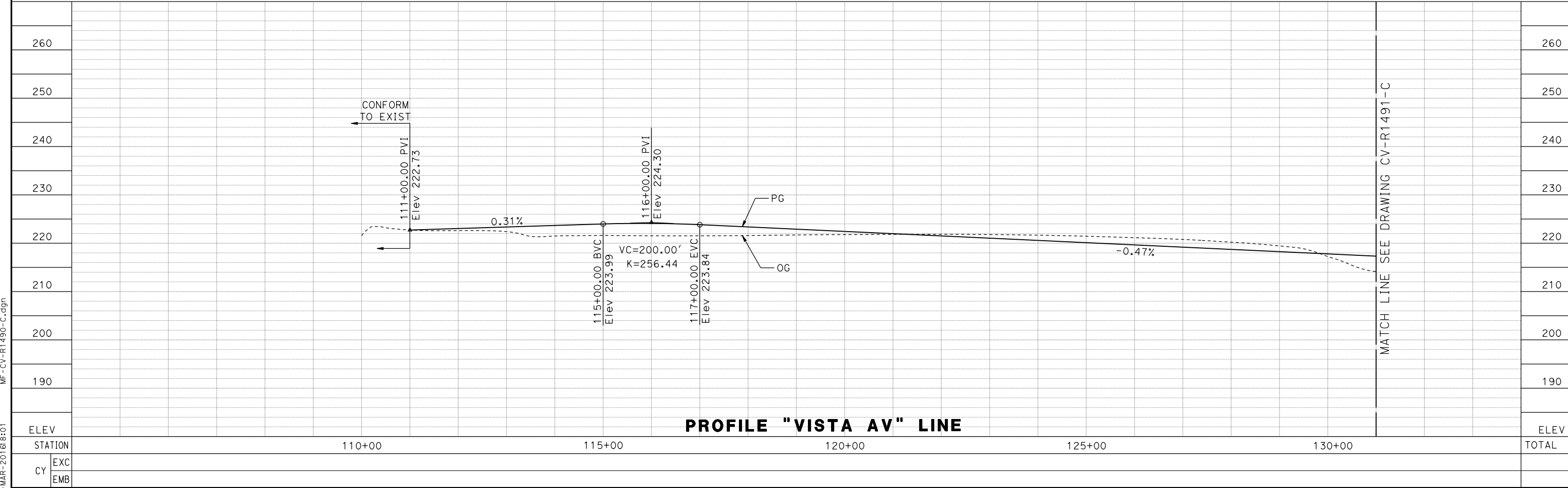
MERCED COUNTY



NOTES:

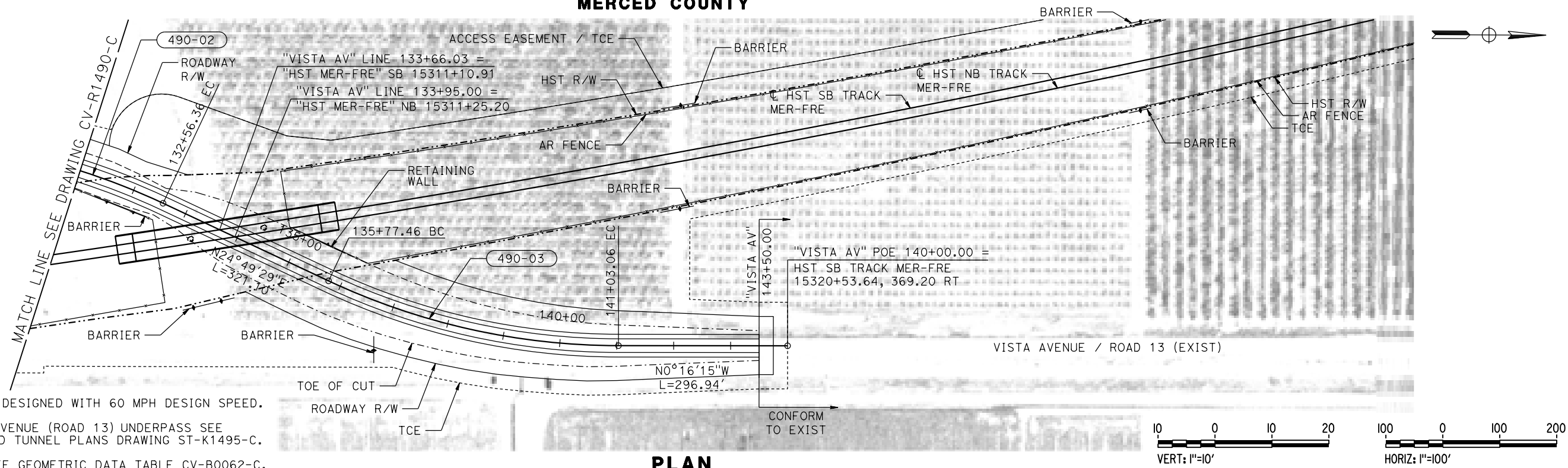
- 1. VISTA AVENUE/ROAD 13 DESIGNED WITH 60 MPH DESIGN SPEED.
- 2. FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0062-C.

PLAN

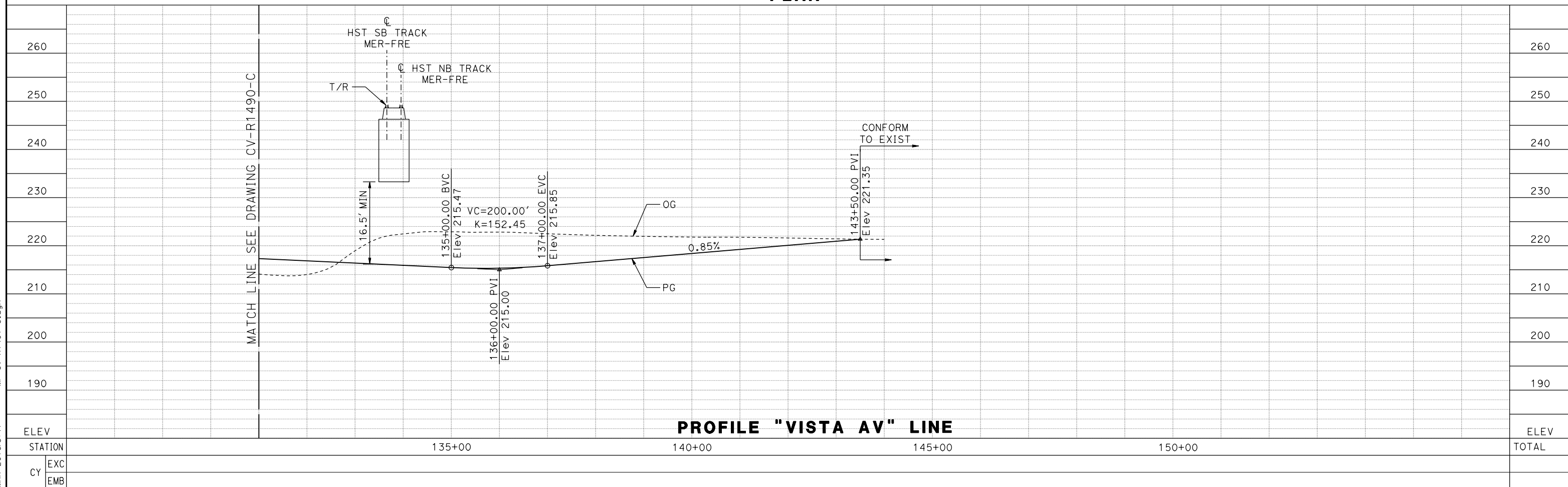




PROFILE "VISTA AV" LINE

<p>DESIGNED BY A. GURA</p> <p>DRAWN BY M. TACTAY</p> <p>CHECKED BY J. RAY</p> <p>IN CHARGE C. LEMLEY</p> <p>DATE 03/18/2016</p>					<p>RECORD SET 15% DESIGN SUBMITTAL</p> <p>NOT FOR CONSTRUCTION</p>		<p>PARSONS</p>		<p>CALIFORNIA HIGH-SPEED RAIL AUTHORITY</p>		<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION</p> <p>CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE VISTA AVENUE/ROAD 13 REALIGNMENT</p>		<p>CONTRACT NO. 03/18/2016</p> <p>DRAWING NO. CV-R1490-C</p> <p>SCALE AS SHOWN</p> <p>SHEET NO.</p>	
REV	DATE	BY	CHK	APP	DESCRIPTION									

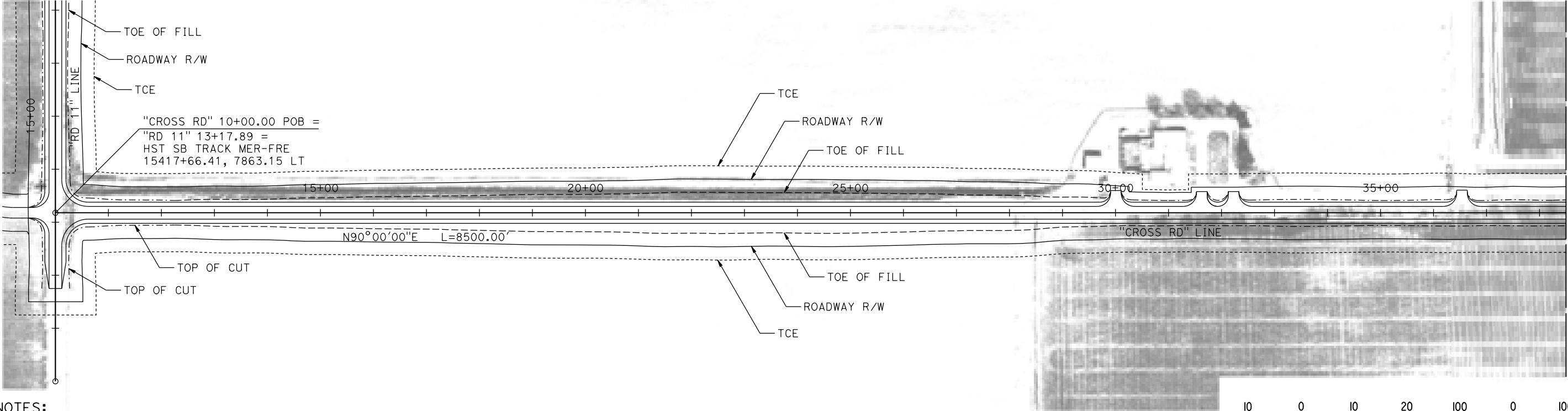
MERCED COUNTY

PLAN



						DESIGNED BY A. GURA	RECORD SET 15% DESIGN SUBMITTAL NOT FOR CONSTRUCTION	 PARSONS	 <i>CALIFORNIA</i> <i>HIGH-SPEED RAIL AUTHORITY</i>	CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE VISTA AVENUE/ROAD 13 REALIGNMENT	CONTRACT NO. 03/18/2016
						DRAWN BY M. TACTAY					DRAWING NO. CV-R1491-C
						CHECKED BY J. RAY					SCALE AS SHOWN
						IN CHARGE C. LEMLEY					SHEET NO.
						DATE 03/18/2016					
REV	DATE	BY	CHK	APP	DESCRIPTION						

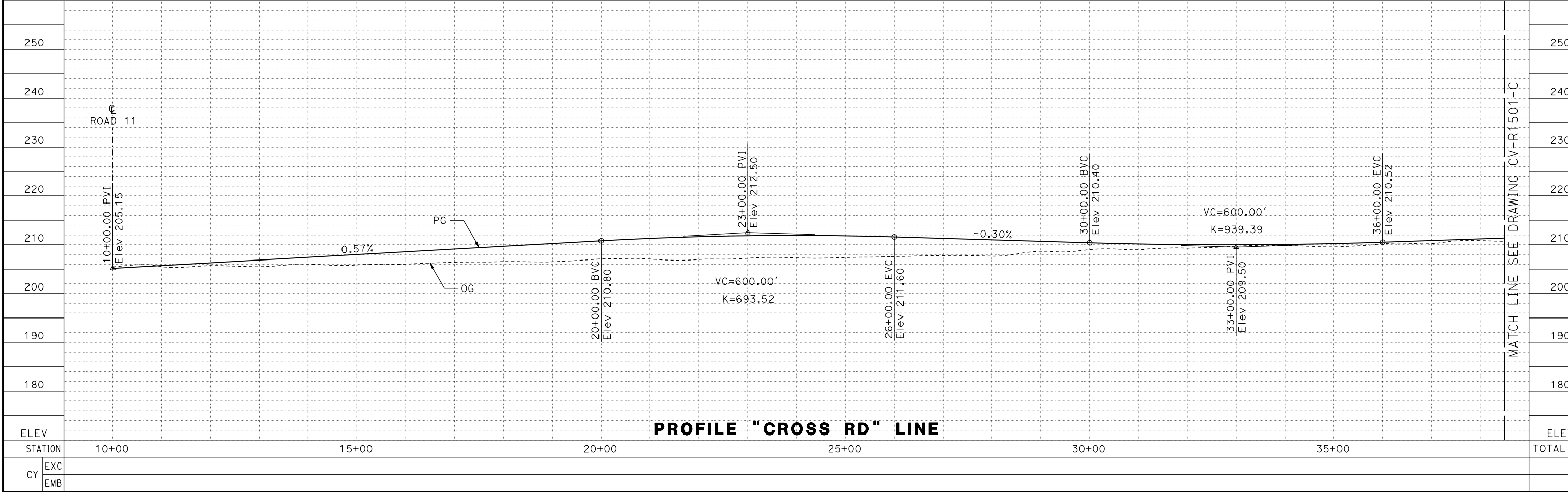
MERCED COUNTY



NOTES:

1. CROSS ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



PROFILE "CROSS RD" LINE

MF-CV-R1500-C.dgn
17-MAR-2016 8:01
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY A. GURA
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

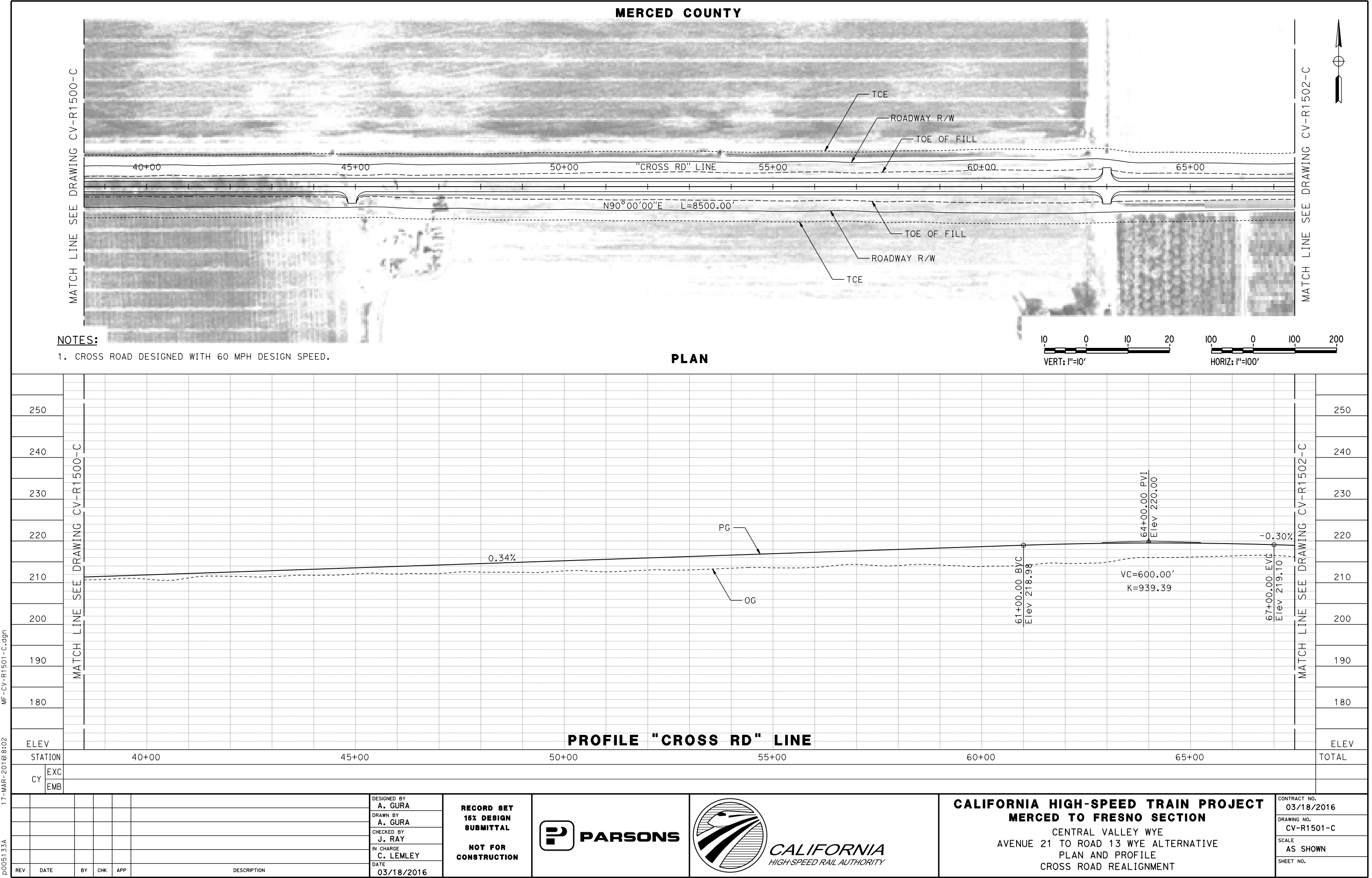
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

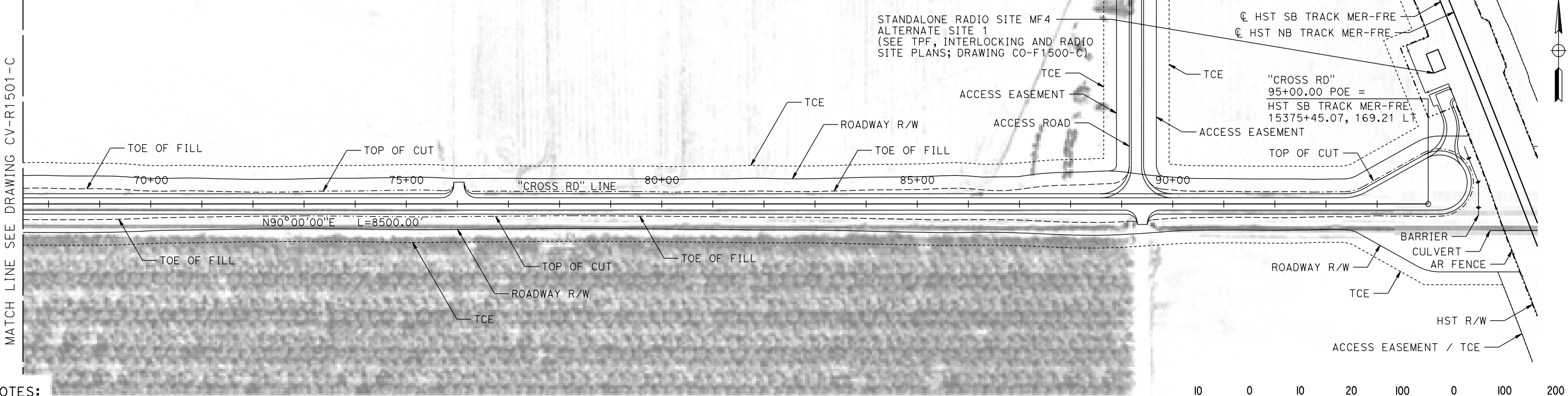


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
CROSS ROAD REALIGNMENT

CONTRACT NO. 03/18/2016
DRAWING NO. CV-R1500-C
SCALE AS SHOWN
SHEET NO.



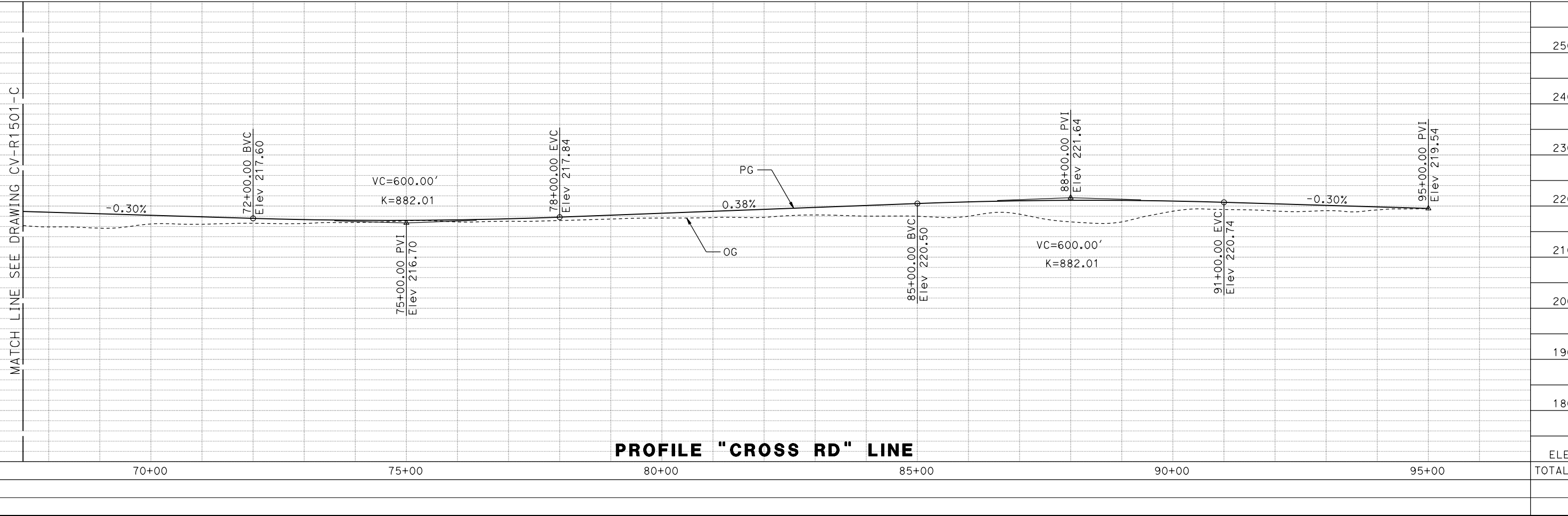
MERCED COUNTY



NOTES:

1. CROSS ROAD DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



MF-CV-R1502-C.dgn
17-MAR-2016 8:02
p005133a

DESIGNED BY
A. GURA
DRAWN BY
A. GURA
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

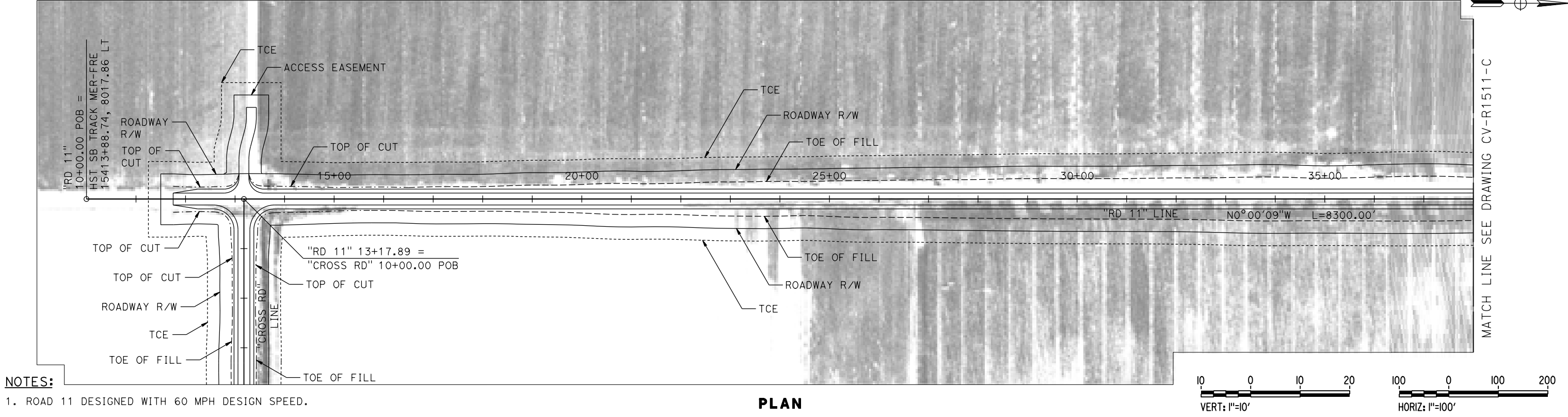
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
CROSS ROAD REALIGNMENT

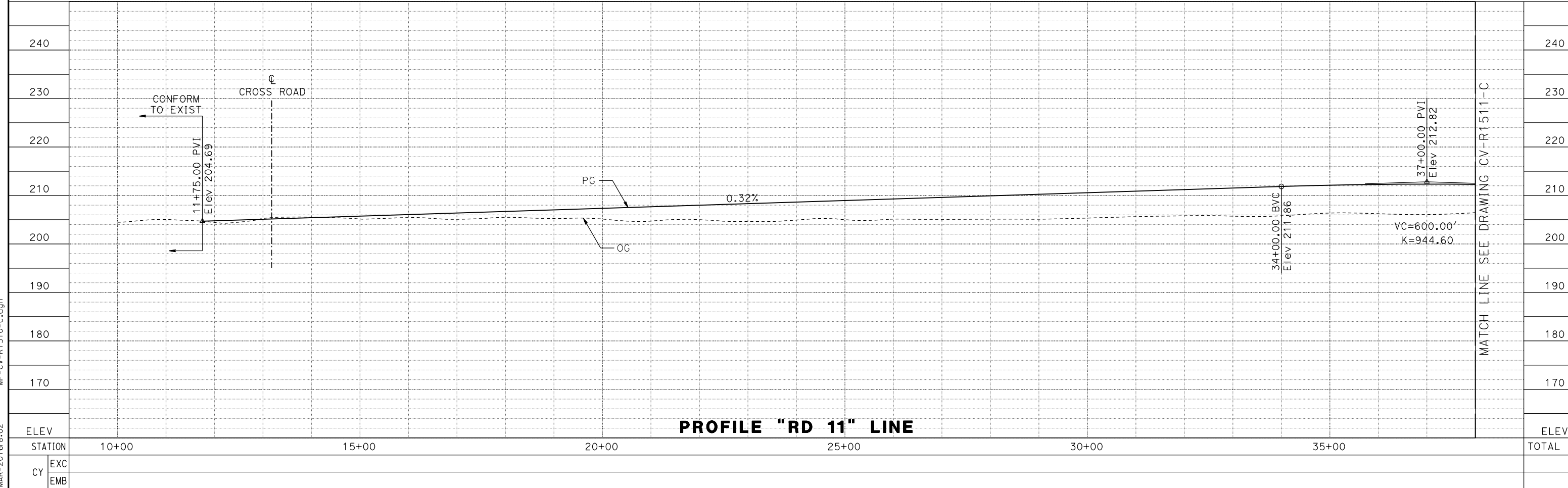
CONTRACT NO.
03/18/2016
DRAWING NO.
CV-R1502-C
SCALE
AS SHOWN
SHEET NO.

MERCED COUNTY



NOTES:
1. ROAD 11 DESIGNED WITH 60 MPH DESIGN SPEED.

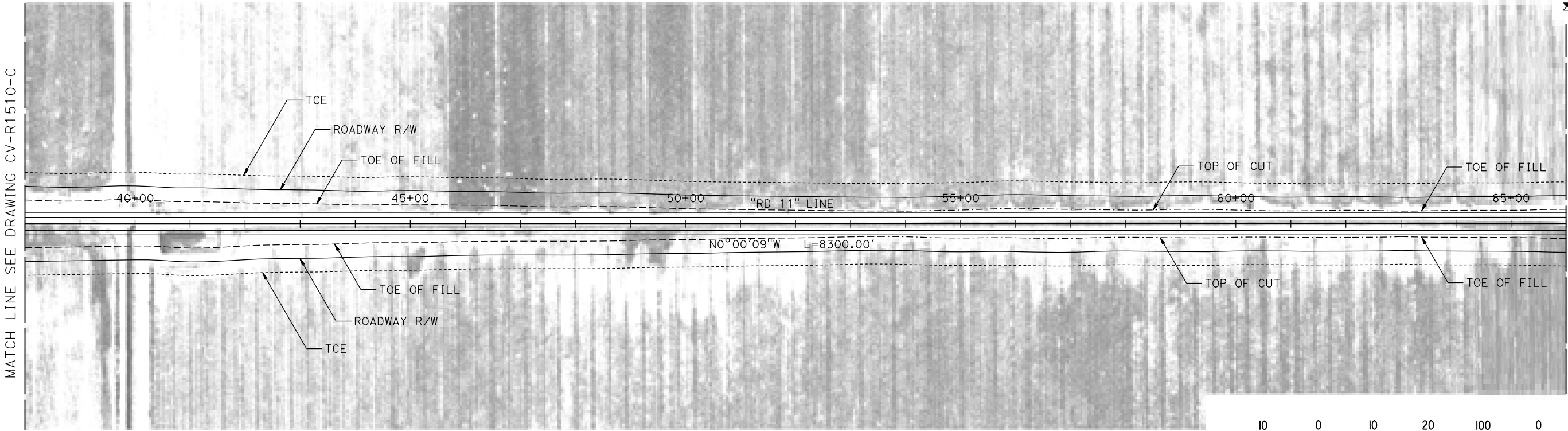
PLAN



PROFILE "RD 11" LINE

DESIGNED BY A. GURA					RECORD SET 15% DESIGN SUBMITTAL	NOT FOR CONSTRUCTION			CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 11 REALIGNMENT	CONTRACT NO. 03/18/2016
DRAWN BY A. GURA										DRAWING NO. CV-R1510-C
CHECKED BY J. RAY										SCALE AS SHOWN
IN CHARGE C. LEMLEY										SHEET NO.
DATE 03/18/2016										
REV	DATE	BY	CHK	APP	DESCRIPTION					

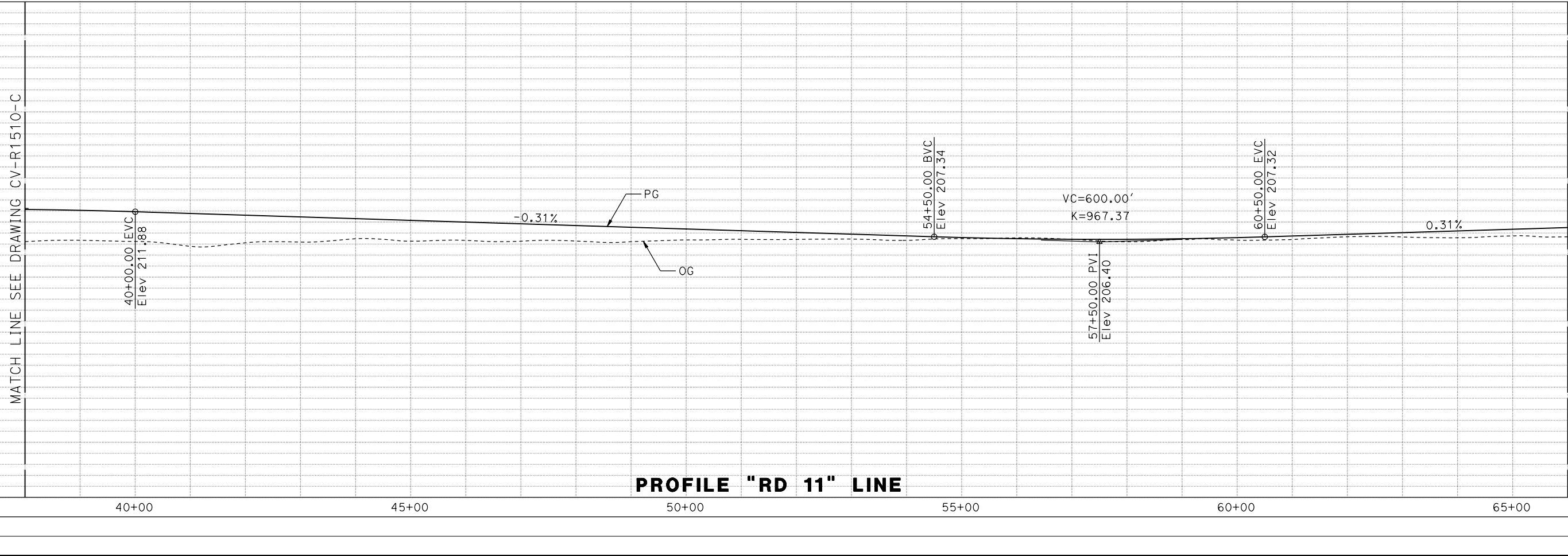
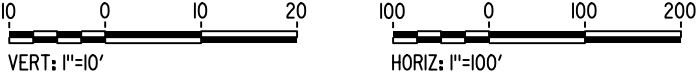
MERCED COUNTY



NOTES:

1. ROAD 11 DESIGNED WITH 60 MPH DESIGN SPEED.

PLAN



PROFILE "RD 11" LINE

MF-CV-R1511-C.dgn
17-MAR-2016 8:03
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY A. GURA
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

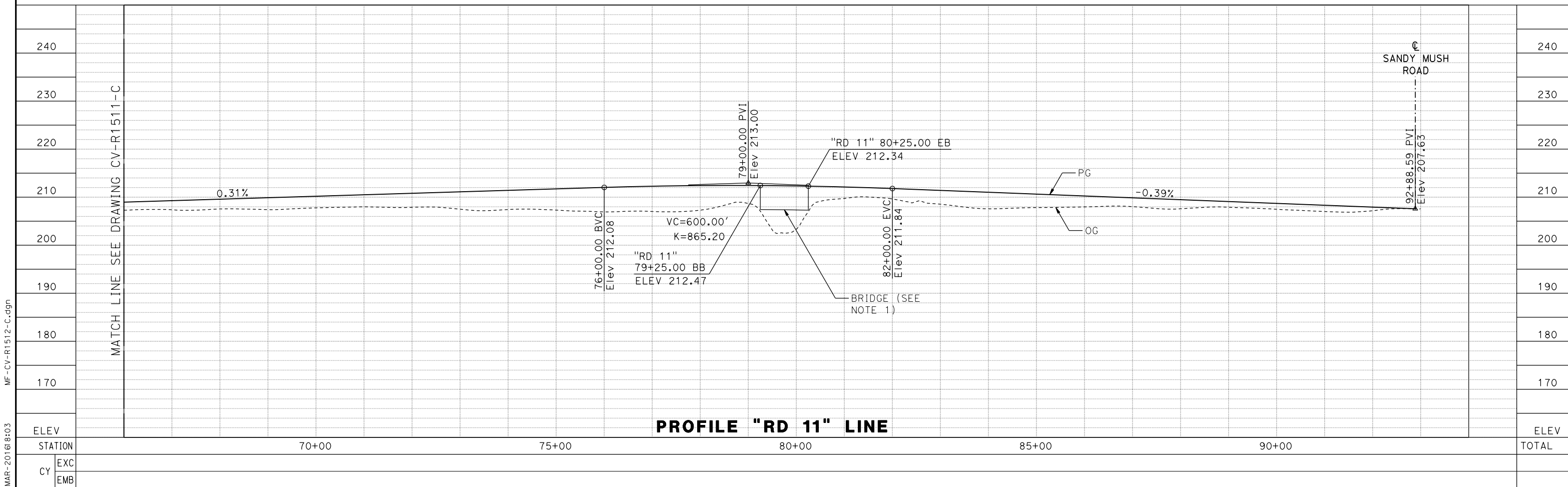
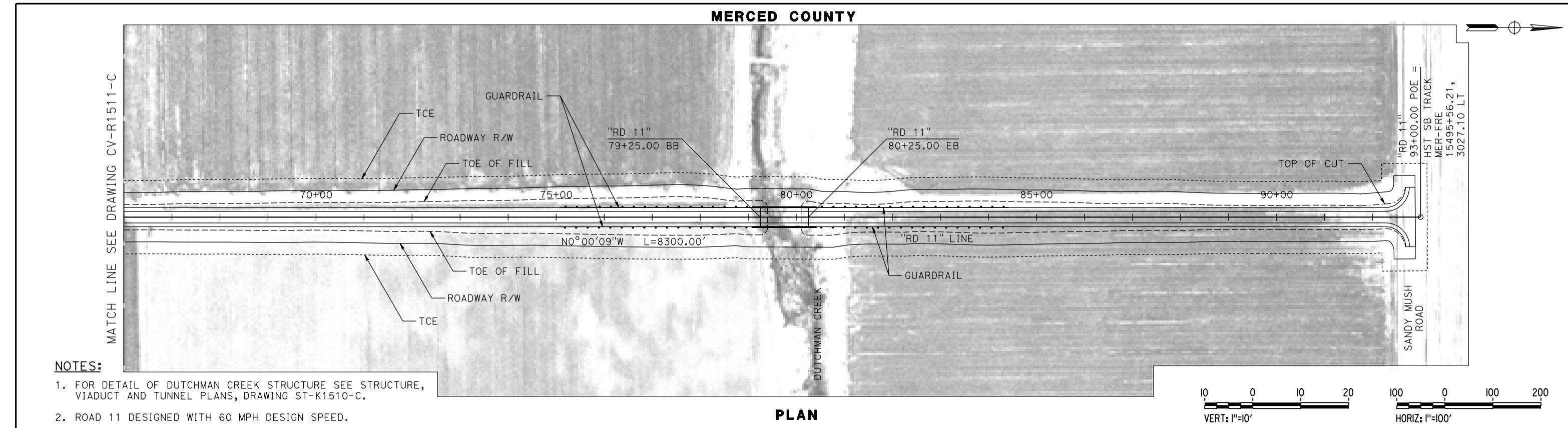
RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION

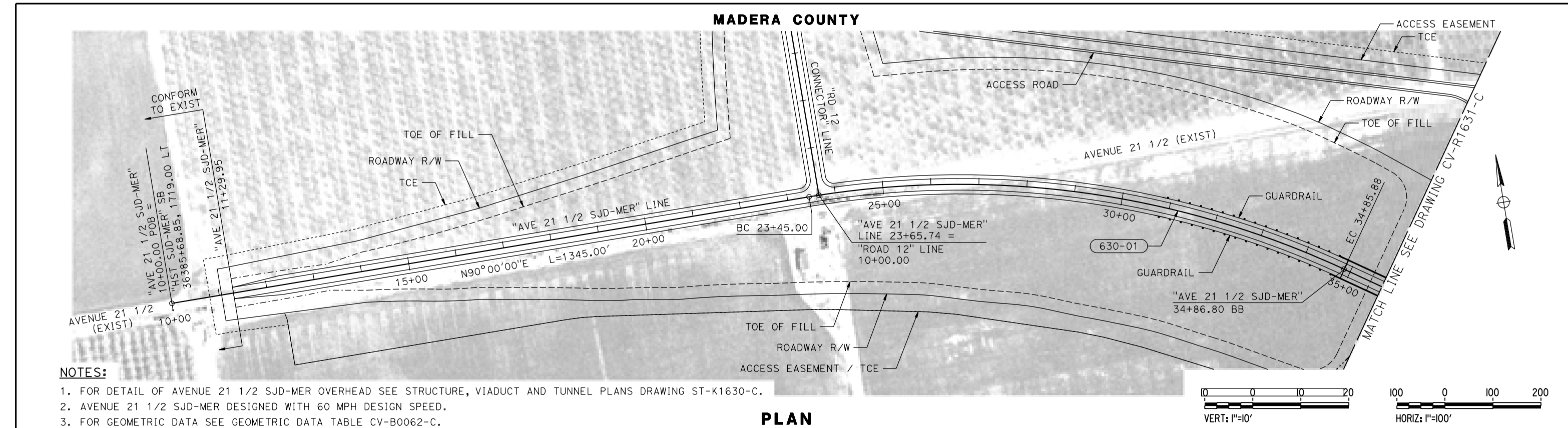


CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 11 REALIGNMENT

CONTRACT NO. 03/18/2016
DRAWING NO. CV-R1511-C
SCALE AS SHOWN
SHEET NO.

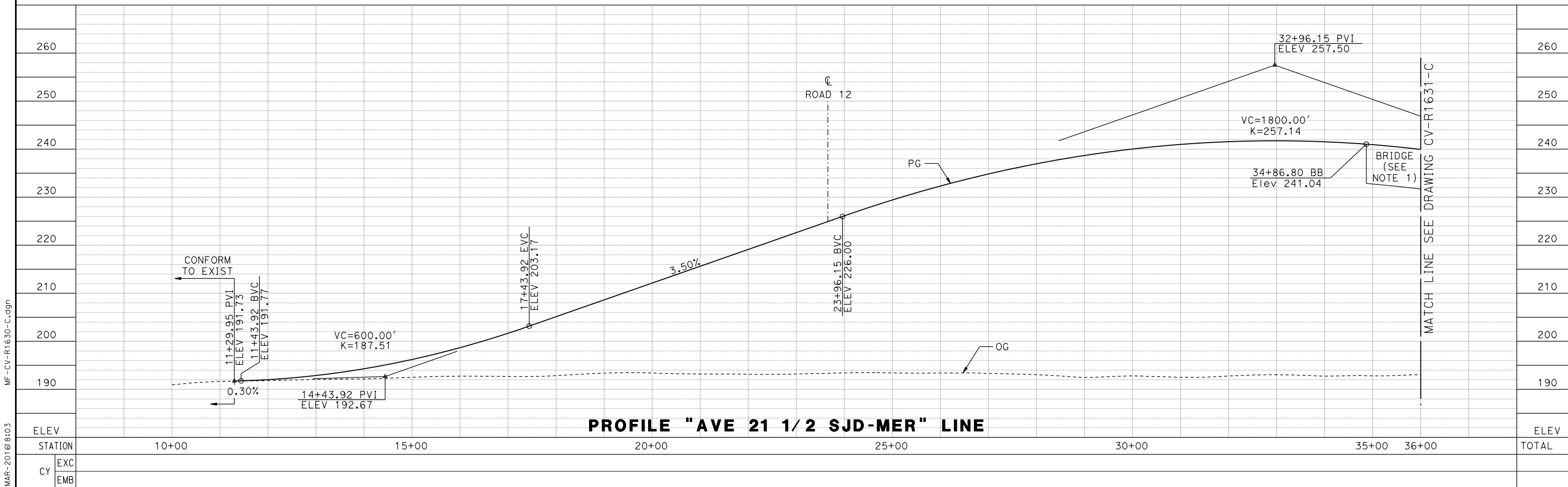


<div>DESIGNED BY A. GURA</div> <div>DRAWN BY A. GURA</div> <div>CHECKED BY J. RAY</div> <div>IN CHARGE C. LEMLEY</div> <div>DATE 03/18/2016</div>					<div>RECORD SET 15% DESIGN SUBMITTAL</div> <div>NOT FOR CONSTRUCTION</div>	<div> PARSONS</div> <div> CALIFORNIA HIGH-SPEED RAIL AUTHORITY</div>	<div>CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION</div> <div>CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE PLAN AND PROFILE ROAD 11 REALIGNMENT</div>	<div>CONTRACT NO. 03/18/2016</div> <div>DRAWING NO. CV-R1512-C</div> <div>SCALE AS SHOWN</div> <div>SHEET NO.</div>																														
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REV	DATE	BY	CHK	APP	DESCRIPTION																																	



- NOTES:
1. FOR DETAIL OF AVENUE 21 1/2 SJD-MER OVERHEAD SEE STRUCTURE, VIADUCT AND TUNNEL PLANS DRAWING ST-K1630-C.
 2. AVENUE 21 1/2 SJD-MER DESIGNED WITH 60 MPH DESIGN SPEED.
 3. FOR GEOMETRIC DATA SEE GEOMETRIC DATA TABLE CV-B0062-C.

PLAN



MF-CV-R1630-C.dgn 17-MAR-2016 8:03 p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA

DRAWN BY
M. TACTAY

CHECKED BY
J. RAY

IN CHARGE
C. LEMLEY

DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION

CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
AVENUE 21 1/2 SJD-MER GRADE SEPARATION

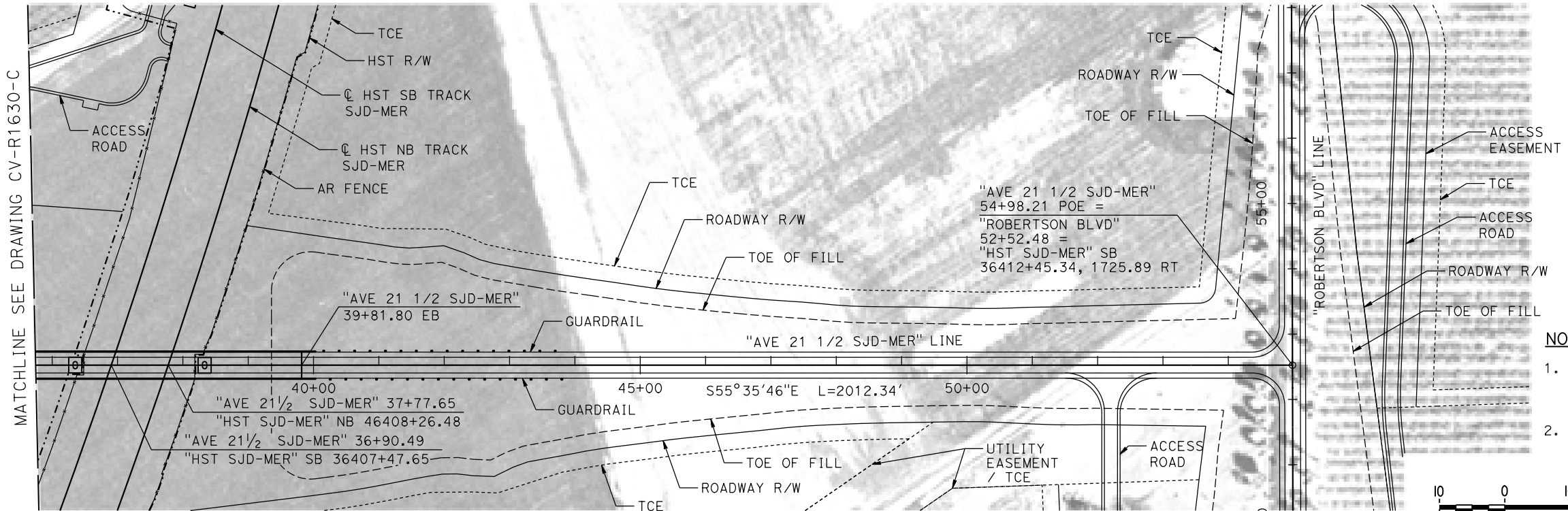
CONTRACT NO.
03/18/2016

DRAWING NO.
CV-R1630-C

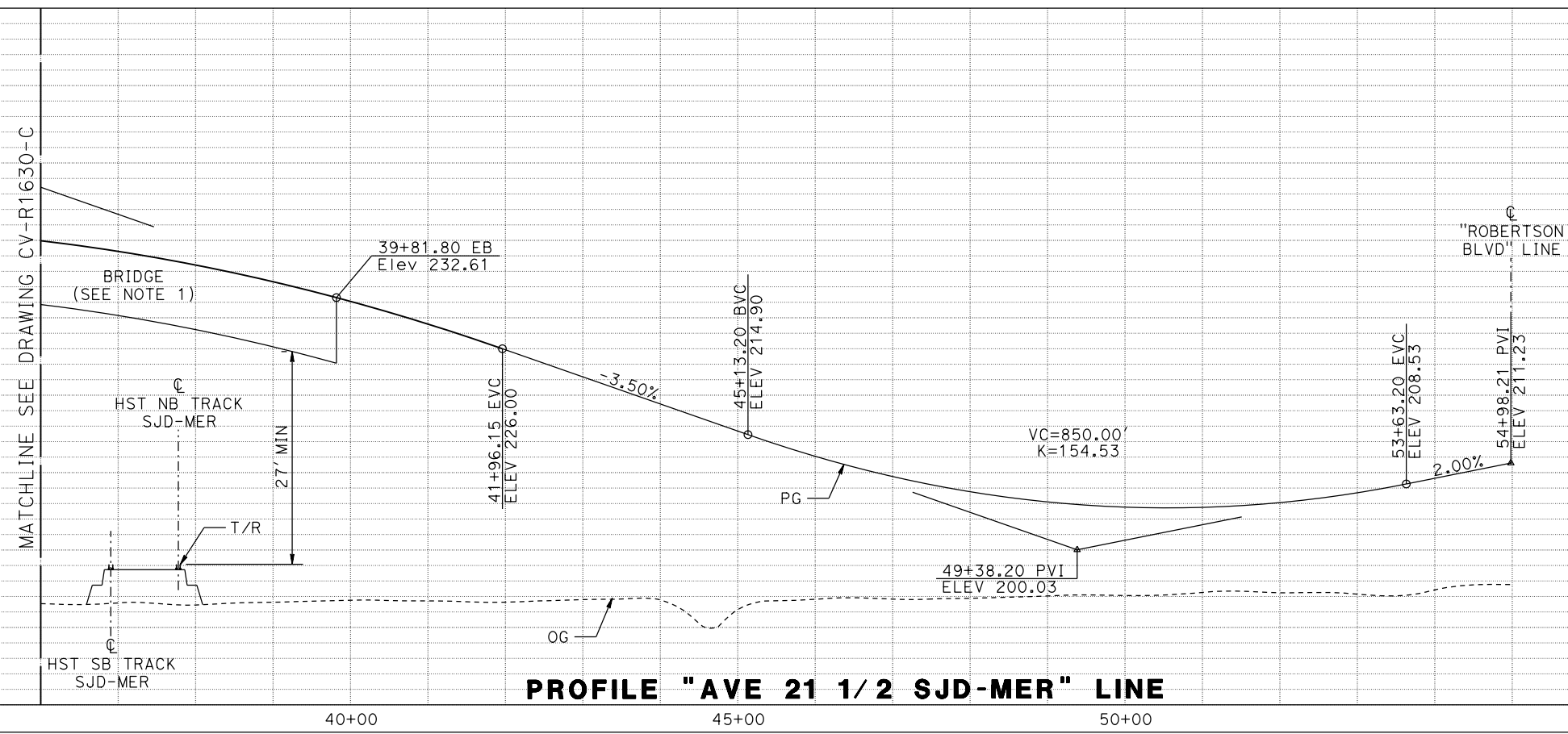
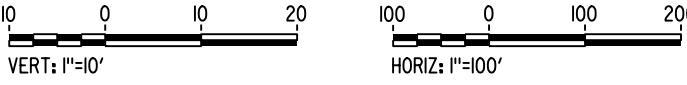
SCALE
AS SHOWN

SHEET NO.

MADERA COUNTY



- NOTES:
- 1. FOR DETAIL OF AVENUE 21 1/2 SJD-MER OVERHEAD SEE STRUCTURE, VIADUCT AND TUNNEL PLANS DRAWING ST-K1630-C
 - 2. AVENUE 21 1/2 SJD-MER DESIGNED WITH 60 MPH DESIGN SPEED.



MF-CV-R1631-C.dgn
17-MAR-2016 8:06
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY
A. GURA
DRAWN BY
M. TACTAY
CHECKED BY
J. RAY
IN CHARGE
C. LEMLEY
DATE
03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

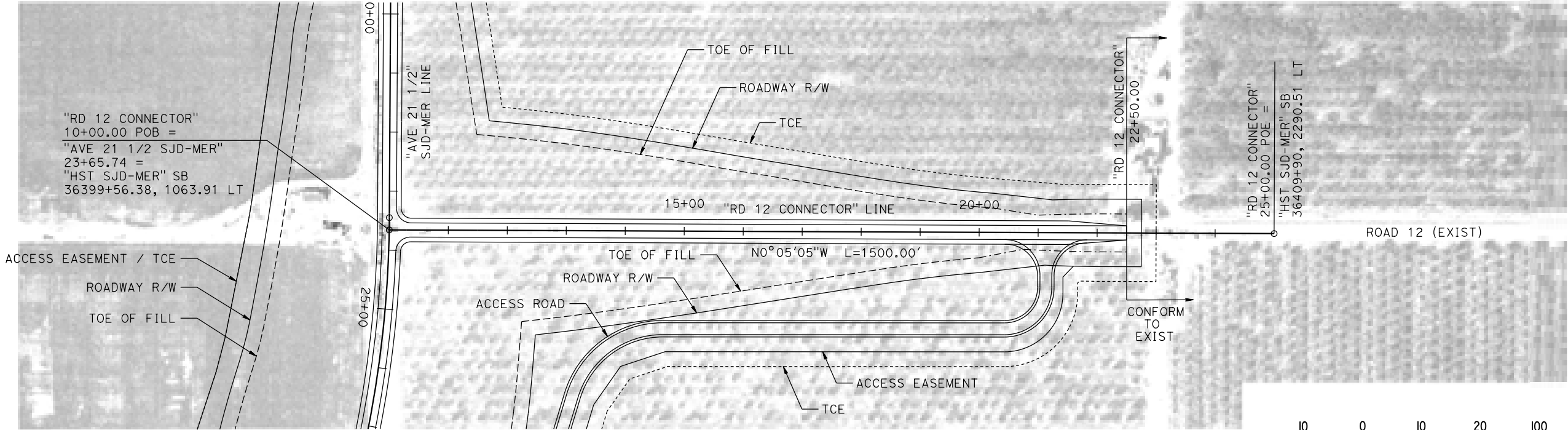
NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
AVENUE 21 1/2 SJD-MER GRADE SEPARATION

CONTRACT NO.
03/18/2016
DRAWING NO.
CV-R1631-C
SCALE
AS SHOWN
SHEET NO.

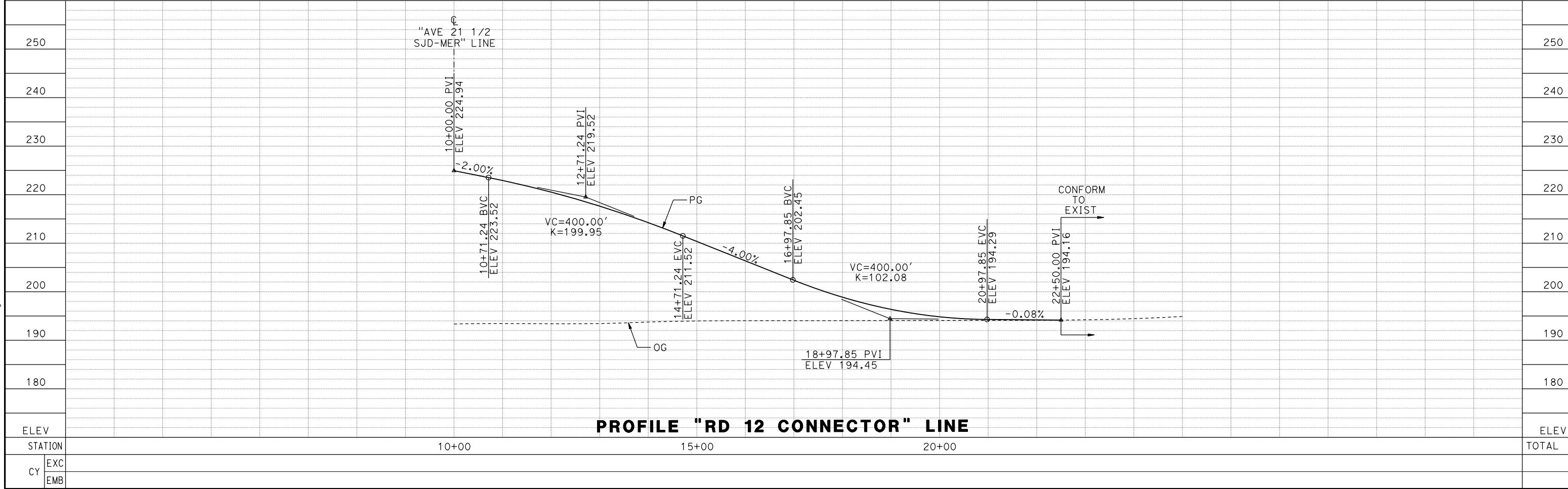
MADERA COUNTY



NOTES:

1. ROAD 12 CONNECTOR DESIGNED WITH 25 MPH DESIGN SPEED.

PLAN



PROFILE "RD 12 CONNECTOR" LINE

MF-CV-R1632-C.dgn
17-MAR-2016 8:06
p005133a

REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 03/18/2016

RECORD SET
15% DESIGN
SUBMITTAL

NOT FOR
CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT
MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE
AVENUE 21 TO ROAD 13 WYE ALTERNATIVE
PLAN AND PROFILE
ROAD 12 CONNECTOR ROAD

CONTRACT NO. 03/18/2016
DRAWING NO. CV-R1632-C
SCALE AS SHOWN
SHEET NO.

CONSTRUCTION STAGING

INDIANA ROAD DETOUR:

- 1. CONSTRUCT FRONTAGE ROAD.
- 2. DURING CONSTRUCTION OF INDIANA ROAD GRADE SEPARATION, DETOUR NB INDIANA ROAD TRAFFIC TO EB CATRINA RD, NB WILLIS RD, THEN WB HUTCHINS RD TO FRONTAGE RD.
- 3. DETOUR SB INDIANA ROAD TRAFFIC TO EB FRONTAGE RD TO HUTCHINS RD, SB WILLIS RD, THEN WB CATRINA RD.
- 4. DETOUR EB HUTCHINS RD TRAFFIC TO SB PALM AVE, THEN EB ROXBURY RD.
- 5. RESTORE TRAFFIC TO INDIANA ROAD AND HUTCHINS ROAD UPON COMPLETION OF GRADE SEPARATION WORK.

ROAD 4 / LINCOLN ROAD DETOUR:

- 1. CONSTRUCT AVE 21 REALIGNMENT, CONNECTOR ROAD, AND TEMPORARY DETOUR ROADWAY ON WEST SIDE OF ROAD 4 / LINCOLN ROAD. SEE DRAWING CV-I4100-C FOR DETAILS.
- 2. DIRECT TRAFFIC ONTO DETOUR / CONNECTOR ROAD DURING CONSTRUCTION OF GRADE SEPARATION.
- 3. RESTORE TRAFFIC TO ROAD 4 / LINCOLN RD UPON COMPLETION OF GRADE SEPARATION WORK.
- 4. REMOVE TEMPORARY ROADWAY.

ROAD 9 / HEMLOCK ROAD DETOUR:

- 1. DURING CONSTRUCTION OF ROAD 9 / HEMLOCK ROAD GRADE SEPARATION, DETOUR NB TRAFFIC TO WB AVE 20 1/2, NB RD 8, THEN EB AVE 21 1/2.
- 2. DETOUR SB TRAFFIC TO WB AVE 21 1/2, SB RD 8, THEN EB AVE 20 1/2.
- 3. RESTORE TRAFFIC TO ROAD 9 / HEMLOCK ROAD UPON COMPLETION OF GRADE SEPARATION WORK.

ROBERTSON BOULEVARD DETOUR:

- 1. DURING CONSTRUCTION OF ROBERTSON BLVD GRADE SEPARATION AND AVENUE 21 REALIGNMENT DETOUR SB TRAFFIC OF ROBERTSON BLVD ONTO EB AVE 21 1/2, SB ROAD 14, THEN WB AVE 20.
- 2. DETOUR NB TRAFFIC OF ROBERTSON BLVD ONTO WB AVE 20, NB ROAD 14, THEN EB AVENUE 21 1/2.
- 3. RESTORE TRAFFIC TO ROBERTSON BLVD UPON COMPLETION OF GRADE SEPARATION.

ROAD 16 DETOUR:

- 1. DURING CONSTRUCTION OF ROAD 16 GRADE SEPARATION, DETOUR NB TRAFFIC TO WB AVE 20 1/2, NB RD 15 1/2, THEN EB AVE 21 1/2.
- 2. DETOUR SB TRAFFIC TO WB AVE 21 1/2, SB RD 15 1/2, THEN EB AVE 20 1/2.
- 3. RESTORE TRAFFIC TO ROAD 16 UPON COMPLETION OF GRADE SEPARATION WORK.

ROAD 19 DETOUR:

- 1. DURING CONSTRUCTION OF ROAD 19 GRADE SEPARATION, DETOUR NB TRAFFIC TO EB AVE 20 1/2, NB RD 19 1/2, THEN WB AVE 21 1/2.
- 2. DETOUR SB TRAFFIC TO EB AVE 21 1/2, SB RD 19 1/2, THEN WB AVE 20 1/2.
- 3. RESTORE TRAFFIC TO ROAD 19 UPON COMPLETION OF GRADE SEPARATION WORK.

ROAD 22 DETOUR:

- 1. DURING CONSTRUCTION OF ROAD 22 GRADE SEPARATION, DETOUR NB TRAFFIC TO EB AVE 20 1/2, THEN NB RD 24, THEN WB AVE 24.
- 2. DETOUR SB TRAFFIC TO EB AVE 24, THEN SB RD 24, THEN WB AVE 20 1/2.
- 3. RESTORE TRAFFIC TO ROAD 22 UPON COMPLETION OF GRADE SEPARATION WORK.

AVENUE 20 1/2 DETOUR:

- 1. DURING CONSTRUCTION OF AVENUE 20 1/2 GRADE SEPARATION, DETOUR EB TRAFFIC TO NB RD 22, EB AVE 24, THEN SB RD 26.
- 2. DETOUR WB TRAFFIC TO NB RD 26, WB AVE 24, THEN SB ROAD 22.
- 3. RESTORE TRAFFIC TO AVENUE 20 1/2 UPON COMPLETION OF GRADE SEPARATION WORK.

ROAD 24 DETOUR:

- 1. DURING CONSTRUCTION OF ROAD 24 DETOUR SB TRAFFIC ONTO EB AVE 22, SB RD 22, SB SR 99, THEN EB AVE 18 1/2.
- 2. DETOUR NB TRAFFIC ONTO WB AVE 18 1/2, NB SR 99, NB RD 22, THEN EB AVE 22.
- 3. RESTORE TRAFFIC TO ROAD 24 UPON COMPLETION OF GRADE SEPARATION.

AVENUE 21 1/2 (MER-FRE) DETOUR:

- 1. DURING CONSTRUCTION OF AVENUE 21 1/2 GRADE SEPARATION, DETOUR EB TRAFFIC TO NB ROBERTSON BLVD, EB AVE 22 1/2, THEN SB ROAD 14 1/2.
- 2. DETOUR WB TRAFFIC TO NB ROAD 14 1/2, WB AVE 22 1/2, THEN SB ROBERTSON BLVD.
- 3. RESTORE TRAFFIC TO AVE 21 1/2 UPON COMPLETION OF GRADE SEPARATION WORK.

ROAD 14 DETOUR:

- 1. COMPLETION OF AVE 21 1/2 (MER-FRE) SHOULD OCCUR PRIOR TO CONSTRUCTION OF ROAD 14 WORK STARTS.
- 2. DURING CONSTRUCTION OF ROAD 14 UNDERPASS, DETOUR SB TRAFFIC TO EB AVE 22, SB ROAD 15, THEN WB AVE 21.
- 3. DETOUR NB TRAFFIC TO EB AVE 20 1/2, NB ROAD 15, THEN WB AVE 22.
- 4. RESTORE TRAFFIC TO ROAD 14 UPON COMPLETION OF UNDERPASS WORK.

AVENUE 25 DETOUR:

- 1. DURING CONSTRUCTION OF AVENUE 25 UNDERPASS, DETOUR WB TRAFFIC TO SB ROAD 14, WB AVE 23 1/2, THEN NB ROAD 10.
- 2. DETOUR EB TRAFFIC TO SB ROAD 10, EB AVE 23 1/2, THEN NB ROAD 14.
- 3. RESTORE TRAFFIC TO ROAD 14 UPON COMPLETION OF UNDERPASS WORK.

ROAD 13 DETOUR:

- 1. COMPLETION OF AVE 25 SHOULD OCCUR PRIOR TO CONSTRUCTION OF ROAD 13.
- 2. DURING CONSTRUCTION OF ROAD 13, DETOUR SB TRAFFIC TO EB AVE 25 1/2, SB ROAD 14, THEN WB AVE 24 1/2.
- 3. DETOUR NB TRAFFIC TO EB AVE 24 1/2, NB ROAD 14, THEN WB AVE 25 1/2.
- 4. RESTORE TRAFFIC TO ROAD 13 UPON COMPLETION OF UNDERPASS WORK.

AVENUE 21 1/2 (SJD-FRE) DETOUR:

- 1. COMPLETION OF ROBERTSON BLVD SHOULD OCCUR PRIOR TO CONSTRUCTION OF AVE 21 1/2 (SJD-MER).
- 2. DURING CONSTRUCTION OF AVE 21 1/2 GRADE SEPARATION, DETOUR EB TRAFFIC TO NB ROAD 11, EB AVE 22, THEN SB ROBERTSON BLVD/ SR233.
- 3. DETOUR WB TRAFFIC TO NB ROBERTSON BLVD, WB AVE 22, THEN SB ROAD 11.
- 4. RESTORE TRAFFIC TO AVE 21 1/2 UPON COMPLETION OF GRADE SEPARATION WORK.

CUT-AND-COVER TUNNEL AT SANDY MUSH STAGING:

- 1. MAINTAIN ONE LANE IN EACH DIRECTION AT ALL TIMES DURING CONSTRUCTION OF CUT-AND-COVER TUNNEL.

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REV	DATE	BY	CHK	APP	DESCRIPTION

DESIGNED BY A. GURA
DRAWN BY M. TACTAY
CHECKED BY J. RAY
IN CHARGE C. LEMLEY
DATE 10/30/2015

RECORD SET 15% DESIGN SUBMITTAL
NOT FOR CONSTRUCTION



CALIFORNIA HIGH-SPEED TRAIN PROJECT MERCED TO FRESNO SECTION
CENTRAL VALLEY WYE AVENUE 21 TO ROAD 13 WYE ALTERNATIVE STAGE CONSTRUCTION PLAN GENERAL NOTES

CONTRACT NO. HSR08-05
DRAWING NO. CV-I0001-C
SCALE NO SCALE
SHEET NO.