California High-Speed Rail Authority

San Jose to Merced Project Section: San Jose to Central Valley Wye

Roadway

Alternative 2 - Embankment to Downtown Gilroy
Final EIR/S: Volume III

Preliminary Engineering for Project Definition
2021 Record Set – November 2021

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 116 TO 144 OF 285

CALIFORNIA High-Speed Rail Authority

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being or have been carried out by the State of California pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated July 23, 2019, and executed by the Federal Railroad Administration and the State of California.

ALTERNATIVE 2 - EMBANKMENT TO DOWNTOWN GILROY

BOOK	SHEET NO	DRAWING NO	SUBSECTION	GEOGRAPHIC LOCATION	ALIGNMENT OR FEATURE	SHEET DESCRIPTION	ADDITIONAL DESCRIPTION
COVER, INDEX OF DRAWING AND KEY MAPS							
BOOK 2C	A	COVER	SAN JOSE TO MERCED SECTION	N/A	SAN JOSE TO CENTRAL VALLEY WYE	ALTERNATIVE 2	EMBANKMENT TO DOWNTOWN GILROY
BOOK 2C	B	GE-A0204	ENTIRE ALTERNATIVE	GRADE SEPARATIONS	INDEX OF DRAWING	SHEET 4 OF 8	
BOOK 2C	C	GE-D0201	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	COMPOSITE PLAN	
BOOK 2C	D	GE-D0202	GENERAL	ENTIRE ALTERNATIVE	KEY MAP	SYSTEMS SITES	
ROADWAY							
SAN JOSE DIRIDON STATION APPROACH							
BOOK 2C	116	CV-T0251	SAN JOSE DIRIDON STATION APPROACH	COLEMAN AVE, DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	PLAN, PROFILE AND TYPICAL SECTIONS - SHEET 1 OF 2	DE LA CRUZ AVENUE
BOOK 2C	117	CV-T0252	SAN JOSE DIRIDON STATION APPROACH	DE LA CRUZ BLVD	VIADUCT TO SCOTT BLVD	PLAN, PROFILE AND TYPICAL SECTIONS - SHEET 2 OF 2	DE LA CRUZ AVENUE
BOOK 2C	118	CV-T0253	SAN JOSE DIRIDON STATION APPROACH	STOCKTON AVE, ELM ST	VIADUCT TO SCOTT BLVD	PLAN, PROFILE AND TYPICAL SECTIONS	WEST HEDDING STREET
MONTEREY CORRIDOR							
BOOK 2C	119	CV-T0401	MONTEREY CORRIDOR	WILLOW ST, W ALMA AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SR87 ON-RAMP
BOOK 2C	120	CV-T0402	MONTEREY CORRIDOR	CURTNER AVE	VIADUCT/AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	ALMADEN ROAD AND CURTNER AVENUE
BOOK 2C	121	CV-T0501	MONTEREY CORRIDOR	SKYWAY DR	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SKYWAY DRIVE - DESIGN VARIANT A
BOOK 2C	122	CV-T0502	MONTEREY CORRIDOR	SKYWAY DR	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SKYWAY DRIVE - DESIGN VARIANT B
BOOK 2C	123	CV-T0503	MONTEREY CORRIDOR	BRANHAM LN	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BRANHAM LANE
BOOK 2C	124	CV-T0504	MONTEREY CORRIDOR	CHYNOWETH AVE	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CHYNOWETH AVE
BOOK 2C	125	CV-T0505	MONTEREY CORRIDOR	BLOSSOM HILL RD, BRANHAM LN	AT-GRADE	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	PED PATH - MULTIPLE LOCATIONS
MORGAN HILL AND GILROY							
BOOK 2C	126	CV-S0801	MORGAN HILL AND GILROY	BAILEY AVE, COCHRANE RD	EMBANKMENT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 2C	127	CV-S0802	MORGAN HILL AND GILROY	SAN MARTIN AVE, BLANCHARD RD	EMBANKMENT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 2C	128	CV-S1001	MORGAN HILL AND GILROY	COX AVE, E LUCHESSA AVE	EMBANKMENT TO DOWNTOWN GILROY	CIVIL DETAILS	
BOOK 2C	129	CV-T0803	MORGAN HILL AND GILROY	PALM AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	PALM AVE
BOOK 2C	130	CV-T0804	MORGAN HILL AND GILROY	LIVE OAK AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	LIVE OAK AVE
BOOK 2C	131	CV-T0805	MORGAN HILL AND GILROY	MADRONE PKWY	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MADRONE PARKWAY
BOOK 2C	132	CV-T0806	MORGAN HILL AND GILROY	MAIN AVE, SAN PEDRO AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MAIN AVE, DUNNE AVE, AND SAN PEDRO AVE
BOOK 2C	133	CV-T0807	MORGAN HILL AND GILROY	TENNANT AVE, BUTTERFIELD BLVD	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	TENNANT AVE AND RAILROAD AVE
BOOK 2C	134	CV-T0808	MORGAN HILL AND GILROY	E MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	EAST MIDDLE AVE
BOOK 2C	135	CV-T0809	MORGAN HILL AND GILROY	E MIDDLE AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MONTEREY ROAD PAST EAST MIDDLE AVE
BOOK 2C	136	CV-T0810	MORGAN HILL AND GILROY	W SAN MARTIN AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	SAN MARTIN AVE AND KIMBLE CT
BOOK 2C	137	CV-T1001	MORGAN HILL AND GILROY	CHURCH AVE, MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	CHURCH AVE
BOOK 2C	138	CV-T1002	MORGAN HILL AND GILROY	MASTEN AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MASTEN AVE
BOOK 2C	139	CV-T1003	MORGAN HILL AND GILROY	MASTEN AVE, RUCKER AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	MONTEREY ROAD AND RUCKER AVE
BOOK 2C	140	CV-T1004	MORGAN HILL AND GILROY	BUENA VISTA AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	BUENA VISTA AND COHANSEY
BOOK 2C	141	CV-T1005	MORGAN HILL AND GILROY	COHANSEY AVE	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	COHANSEY AVENUE
BOOK 2C	142	CV-T1006	MORGAN HILL AND GILROY	LEAVESLEY RD, OLD GILROY ST	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	LEAVESLEY RD TO OLD GILROY
BOOK 2C	143	CV-T1007	MORGAN HILL AND GILROY	E 9TH ST, E 10TH ST	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	9TH ST AND 10TH ST
BOOK 2C	144	CV-T1008	MORGAN HILL AND GILROY	US 101, MAYOCK RD	EMBANKMENT TO DOWNTOWN GILROY	GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS	US 101

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET B

REV | DATE | BY | CHK | APP | DESCRIPTION

DESIGNED BY
DRAWN BY
CHECKED BY
IN CHARGE
DATE

2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
ALTERNATIVE 2
INDEX OF DRAWING
SHEET 4 OF 8

CONTRACT NO. HSR15-34
DRAWING NO. GE-A0204
SCALE NONE
SHEET NO.

ALTERNATIVE 2 BOOK INDEX

BOOK 2A:	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS
BOOK 2B:	COMPOSITE PLAN, PROFILE AND CROSS SECTIONS, STATIONS, STRUCTURES
BOOK 2C:	ROADWAY
BOOK 2D:	ROADWAY, MAINTENANCE OF WAY, TUNNELS - PACHECO PASS
BOOK 2E:	CONSTRUCTION STAGING, ALIGNMENT DATA TABLES

NOTE:

ALTERNATIVE KEY MAP SHOWN SIDE BY SIDE FOR CLARITY.

LEGEND

KEY MAP LEGEND

SID-XX	AERIAL ORTHO-PHOTO
DXXXX	COMPOSITE ROLL PLOTS
TXXXX	GRADE SEPARATION ROLL PLOTS
TN-DXXXX	TUNNEL ROLL PLOTS
ST-TXXXX	STRUCTURES ROLL PLOTS
	SECTION BREAK
	CITY LIMITS
	COUNTY LINE
ALMADEN RD	EXISTING ROAD

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET C

6000 0 6000 12000
1"=12000'

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Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
ALTERNATIVE 2
KEY MAP
COMPOSITE PLAN

CONTRACT NO. HSR15-34
DRAWING NO. GE-D0201
SCALE AS SHOWN
SHEET NO.

FOR ALIGNMENT LOCATION SEE KEY MAP DRAWING GE-D0201

ALTERNATIVE 2 - EMBANKMENT TO DOWNTOWN GILROY

ALTERNATIVE 2

SJ Diridon Approach (Viaduct to Scott Blvd) - Monterey Corridor (At Grade) - Morgan Hill Gilroy (Embankment to Downtown Gilroy) - Pacheco Pass (Deep) - San Joaquin Valley (Henry Miller Rd)

Station (SB TRK)	Traction Power Facility (TPF)	TPD IF	Dist. to Prev. TPF	Automatic Train Control Sites	Dist. to Prev. ATC-D (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
--	SCOTT BOULEVARD						
2260+30	Beginning of San Francisco to San Jose Section (FJ) - Scott to Diridon Subsection						
2261+60				House at Interlocking Site A		Radio Tower Interlocking Site A	
--						to SA-RT FJ11 - Alt 1	2.04
--						to SA-RT FJ11 - Alt 2	1.63
2289+59				House at Interlocking Site B			
2389+15	Caltrain PCEP TPS-2 - Alt 1	--				Radio Tower SS-A - Alt 1	
--						to RT Interlocking Site A	2.42
2391+52	Substation A (HSR) - ALT2	B-SS-STO (Alt 2)				Radio Tower SS-A - Alt 2	
--						to RT Interlocking Site A	2.46
--							
2463+97				House at Interlocking Site E		Radio Tower Interlocking Site E - Alt 1	
--						to Caltrain PCEP TPS-2 - Alt 1	1.42
--						to Substation A (HSR)	1.37
2476+07	Diridon Passenger Station						
2480+81	End of San Francisco to San Jose Section (FJ) - Scott to Diridon Subsection						
	Station Equation FJ - ALT. B (WIDE) POE 2480+80.58 (SB) = DRDN-TAMI POB 52+90.53 (SB)						
52+91	Beginning of San Jose to Merced Section (JM) - Diridon to Tamien Subsection						
66+10				House at Interlocking Site B			
77+33				House at Interlocking Site A		Radio Tower Interlocking Site A - Alt 3	
--						to Caltrain PCEP TPS-2 - Alt 1	2.20
--						to Substation A (HSR)	2.15
91+34				House at Interlocking Site AA		Radio Tower Interlocking Site AA - Alt 4	
--						to Caltrain PCEP TPS-2 - Alt 1	2.46
--						to Substation A (HSR)	2.42
--						to RT Interlocking Site E - Alt 1	1.05
--						to RT Interlocking Site A - Alt 3	0.27
150+00	End of Diridon to Tamien Subsection (JM)						
	Station Equation DRDN-TAMI POE 150+00.00 (SB) = TAMI-COMH POB 150+00.00 (SB)						
150+00	Beginning of Tamien to Communication Hill Subsection (JM)						
167+95						Stand Alone Radio Tower JM1 - Alt 1	
--						to RT Interlocking Site E - Alt 1	2.50
--						to RT Interlocking Site A - Alt 3	1.72
--						to RT Interlocking Site AA - Alt 4	1.45
172+07						Stand Alone Radio Tower JM1 - Alt 2	
--						to RT Interlocking Site E - Alt 1	2.03
--						to RT Interlocking Site A - Alt 3	1.79
--						to RT Interlocking Site AA - Alt 4	1.53
203+40	Paralleling Station A1 - Alt 1	B-PS-PEM (Alt 1)				Radio Tower PS-A1 - Alt 1	
--	to Caltrain PCEP TPS-2 - Alt 1		4.59			to RT Interlocking Site A - Alt 3	2.39
--	to SS A - Alt 2		4.54			to RT Interlocking Site AA - Alt 4	2.12
--						to SA-RT JM1 - Alt 1	0.67
--						to SA-RT JM1 - Alt 2	0.59
239+82	Paralleling Station A1 - Alt 2	B-PS-COH (Alt 2)				Radio Tower PS-A1 - Alt 2	
--	to Caltrain PCEP TPS-2 - Alt 1		5.28			to RT Interlocking Site AA - Alt 4	2.81
--	to SS A - Alt 2		5.23			to SA-RT JM1 - Alt 1	1.36
--						to SA-RT JM1 - Alt 2	1.28
250+03	End of Tamien to Communication Hill Subsection (JM)						
	Station Equation TAMI-COMH POE 250+03.21 = COMH-KITT-SR87 POB 250+00.00						
250+00	Beginning of Communication Hill to Kittery Ct Subsection (JM)						
312+51						Stand Alone Radio Tower JM2 - Alt 1	
--						to SA-RT JM1 - Alt 1	2.74
--						to SA-RT JM1 - Alt 2	2.66
--						to RT PS-A1 - Alt 1	2.07
--						to RT PS-A1 - Alt 2	1.38
328+13						Stand Alone Radio Tower JM2 - Alt 2	
--						to SA-RT JM1 - Alt 1	3.03
--						to SA-RT JM1 - Alt 2	2.96
--						to RT PS-A1 - Alt 1	2.36
--						to RT PS-A1 - Alt 2	1.67
423+23				ATC Site D JM1 - Alt 1		Radio Tower ATC-D-JM1 - Alt 1	
--				to Diridon	7.10	to SA-RT JM2 - Alt 1	2.10
--						to SA-RT JM2 - Alt 2	1.80
435+02				ATC Site D JM1 - Alt 2		Radio Tower ATC-D-JM1 - Alt 2	
--				to Diridon	7.33	to SA-RT JM2 - Alt 1	2.32
--						to SA-RT JM2 - Alt 2	2.02
555+85	Paralleling Station A2 - Alt 1	B-PS-HIK (Alt 1)				Radio Tower PS-A2 - Alt 1	
--	to PS A1 - Alt 1		6.68			to RT ATC-D-JM1 - Alt 1	2.51
--	to PS A1 - Alt 2		5.99			to RT ATC-D-JM1 - Alt 2	2.29
565+26	Paralleling Station A2 - Alt 2	B-PS-BER (Alt 2)				Radio Tower PS-A2 - Alt 2	
--	to PS A1 - Alt 1		6.85			to RT ATC-D-JM1 - Alt 1	2.69
--	to PS A1 - Alt 2		6.16			to RT ATC-D-JM1 - Alt 2	2.47
604+94	End of Communication Hill to Kittery Ct - Monterey Median (JM)						
	Station Equation COMH-KITT-SR87 POE 604+94.07 = KITT-COX-EUPR POB 694+18.01						

ALTERNATIVE 2 (CONTINUED)

SJ Diridon Approach (Viaduct to Scott Blvd) - Monterey Corridor (At Grade) - Morgan Hill Gilroy (Embankment to Downtown Gilroy) - Pacheco Pass (Deep) - San Joaquin Valley (Henry Miller Rd)

Station (SB TRK)	Traction Power Facility (TPF)	TPD IF	Dist. to Prev. TPF	Automatic Train Control Sites	Dist. to Prev. ATC-D (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
694+18	Beginning of Kittery Ct to Cox Ave - Monterey Median (JM)						
713+31						Stand Alone Radio Tower JM3 - Alt 1	
--						to RT PS-A2 - Alt 1	1.29
--						to RT PS-A2 - Alt 2	1.11
775+03						Stand Alone Radio Tower JM3 - Alt 2	
--						to RT PS-A2 - Alt 1	2.46
--						to RT PS-A2 - Alt 2	2.28
828+08						Stand Alone Radio Tower JM4 - Alt 1	
--						to SA-RT JM3 - Alt 1	2.17
--						to SA-RT JM3 - Alt 2	1.00
852+12						Stand Alone Radio Tower JM4 - Alt 2	
--						to SA-RT JM3 - Alt 1	2.63
--						to SA-RT JM3 - Alt 2	1.46
912+05	Switching Station A - Alt 1	B-SWS-PLM (Alt 1)				Radio Tower SWS-A - Alt 2	
--	to Caltrain PCEP TPS-2 - Alt 1		16.32			to SA-RT JM4 - Alt 1	1.59
--	to SS A - Alt 2		16.27			to SA-RT JM4 - Alt 2	1.14
--	to PS A2 - Alt 1		5.06				
--	to PS A2 - Alt 2		4.88				
915+00				ATC Site D JM2- Alt 1		Radio Tower ATC-D-JM2 - Alt 1	
--				to ATC Site D JM1 - Alt 1	7.62	to SA-RT JM4 - Alt 1	1.65
--				to ATC Site D JM1 - Alt 2	7.40	to SA-RT JM4 - Alt 2	1.19
931+08	Switching Station A - Alt 2	B-SWS-PLM (Alt 2)				Radio Tower SWS-A - Alt 3	
--	to Caltrain PCEP TPS-2 - Alt 1		16.68			to SA-RT JM4 - Alt 1	1.95
--	to SS A - Alt 2		16.63			to SA-RT JM4 - Alt 2	1.50
--	to PS A2 - Alt 1		5.42				
--	to PS A2 - Alt 2		5.24				
934+08				ATC Site D JM2- Alt 2		Radio Tower ATC-D-JM2 - Alt 2	
--				to ATC Site D JM1 - Alt 1	7.99	to SA-RT JM4 - Alt 1	2.01
--				to ATC Site D JM1 - Alt 2	7.76	to SA-RT JM4 - Alt 2	1.55
1044+06						Stand Alone Radio Tower JM5 - Alt 1	
--						to ATC-D-JM2 - Alt 1	2.44
--						to SWS-A - Alt 2	2.50
--						to SWS-A - Alt 3	2.14
--						to ATC-D-JM2 - Alt 2	2.08
1058+68						Stand Alone Radio Tower JM5 - Alt 2	
--						to ATC-D-JM2 - Alt 1	2.72
--						to SWS-A - Alt 2	2.78
--						to SWS-A - Alt 3	2.42
--						to ATC-D-JM2 - Alt 2	2.36
1122+29						Stand Alone Radio Tower JM6 - Alt 1	
--						to SA-RT JM5 - Alt 1	1.48
--						to SA-RT JM5 - Alt 2	1.20
1124+13						Stand Alone Radio Tower JM6 - Alt 2	
--						to SA-RT JM5 - Alt 1	1.52
--						to SA-RT JM5 - Alt 2	1.24
1219+86	Paralleling Station A3 - Alt 1	B-PS-SPD (Alt 1)				Radio Tower PS-A3 - Alt 1	
--	to SWS A - Alt 1		5.83			to SA-RT JM6 - Alt 1	1.85
--	to SWS A - Alt 2		5.47			to SA-RT JM6 - Alt 2	1.81
1229+49	Paralleling Station A3 - Alt 2	B-PS-SPD (Alt 2)				Radio Tower PS-A3 - Alt 2	
--	to SWS A - Alt 1		6.01			to SA-RT JM6 - Alt 1	2.03
--	to SWS A - Alt 2		5.65			to SA-RT JM6 - Alt 2	2.00
1317+18				ATC Site D JM3- Alt 1		Radio Tower ATC-D-JM3 - Alt 1	
--				to ATC Site D JM2 - Alt 1	7.62	to RT PS-A3 - Alt 1	1.84
--				to ATC Site D JM2 - Alt 2	7.26	to RT PS-A3 - Alt 2	1.66
1326+16				ATC Site D JM3- Alt 2		Radio Tower ATC-D-JM3 - Alt 2	
--				to ATC Site D JM2 - Alt 1	7.79	to RT PS-A3 - Alt 1	2.01
--				to ATC Site D JM2 - Alt 2	7.43	to RT PS-A3 - Alt 2	1.83
1407+26						Stand Alone Radio Tower JM7 - Alt 1	
--						to RT ATC-D-JM3 - Alt 1	1.71
--						to RT ATC-D-JM3 - Alt 2	1.54
1408+96						Stand Alone Radio Tower JM7 - Alt 2	
--						to RT ATC-D-JM3 - Alt 1	1.74
--						to RT ATC-D-JM3 - Alt 2	1.57
1410+03	End of Kittery Ct to Cox Ave - Monterey Median (JM)						
	Station Equation KITT-COX-EUPR POE 1410+02.76 = COX-CASA-DWTN-GLRY-EMBK POB 1440+00.00						
1410+00	Beginning of Cox Ave to Casa de Fruta - Downtown Gilroy - Embankment (JM)						
1512+93	Paralleling Station A4 - Alt 1	B-PS-MAS (Alt 1)				Radio Tower PS-A4 - Alt 1	
--	to PS A3 - Alt 1		#REF!			to SA-RT JM7 - Alt 1	#REF!
--	to PS A3 - Alt 2		#REF!			to SA-RT JM7 - Alt 2	#REF!
1522+03	Paralleling Station A4 - Alt 2	B-PS-MAS (Alt 2)				Radio Tower PS-A4 - Alt 2	
--	to PS A3 - Alt 1		#REF!			to SA-RT JM7 - Alt 1	#REF!
--	to PS A3 - Alt 2		#REF!			to SA-RT JM7 - Alt 2	#REF!
1639+64				House at Interlocking Site B			
1658+67				House at Interlocking Site A		Radio Tower Interlocking Site A - Alt 1	
--						to RT PS-A4 - Alt 1	2.76
--						to RT PS-A4 - Alt 2	2.59
1691+66				House at Interlocking Site B			
1703+09				House at Interlocking Site A		Radio Tower Interlocking Site A - Alt 2	
--						to RT PS-A4 - Alt 1	3.60
--						to RT PS-A4 - Alt 2	3.43
--						to RT Interlocking Site A - Alt 1	0.84
1706+38				House at Interlocking Site B			
1708+15				House at Interlocking Site C			
1716+31	Downtown Gilroy Passenger Station						
1724+83				House at Interlocking Site C			
1728+59				House at Interlocking Site B			
1739+33				House at Interlocking Site A		Radio Tower Interlocking Site A - Alt 3	
--						to RT Interlocking Site A - Alt 1	1.53
--						to RT Interlocking Site A - Alt 2	0.69
1823+33				House at Interlocking Site B			
1829+44				House at Interlocking Site A		Radio Tower Interlocking Site A - Alt 4	
--						to RT Interlocking Site A - Alt 1	3.23
--						to RT Interlocking Site A - Alt 2	2.39
--						to RT Interlocking Site A - Alt 3	1.71
1830+50				House at Interlocking Site B			
1832+50				House at Interlocking Site E			
--				to Downtown Gilroy	2.20		
1833+50				House at Interlocking Site B			
1886+80	Substation Station B - Alt 1					Radio Tower SS-B - Alt 1	
--	to Caltrain PCEP TPS-2 - Alt 1		34.78			to RT Interlocking Site A - Alt 3	2.79
--	to SS A - Alt 2		34.73			to RT Interlocking Site A - Alt 4	1.09
--	to SWS A - Alt 1		18.46				
--	to SWS A - Alt 2		18.10				
--	to PS A2 - Alt 1		7.08				
--	to PS A2 - Alt 2		6.91				
1897+70	Substation Station B - Alt 2					Radio Tower SS-B - Alt 2	
--	to Caltrain PCEP TPS-2 - Alt 1		34.99			to RT Interlocking Site A - Alt 3	3.00
--	to SS A - Alt 2		34.94			to RT Interlocking Site A - Alt 4	1.29
--	to SWS A - Alt 1		18.67				
--	to SWS A - Alt 2		18.31				
--	to PS A2 - Alt 1		7.29				
--	to PS A2 - Alt 2		7.11				
1966+60				House at Interlocking Site B			
1978+61						Stand Alone Radio Tower JM8	
--						to RT SS-B - Alt 1	1.74
--						to RT SS-B - Alt 2	1.53
2105+61				ATC Site D JM4- Alt 1		Radio Tower ATC-D-JM4 - Alt 1	
--				to Interlocking ATC Site E	5.17	to SA-RT JM8	2.63
2108+89				ATC Site D JM4- Alt 2		Radio Tower ATC-D-JM4 - Alt 2	
--				to Interlocking ATC Site E	5.23	to SA-RT JM8	2.47
2160+00	End of Cox Ave to Casa de Fruta - Downtown Gilroy - Viaduct (JM)						
	Station Equation COX-CASA-DWTN-GLRY-VIAD POE 2160+00.00 = CASA-PACH-DWTN-GLRY-VIAD POB 2160+00.00						

ALTERNATIVE 2 (CONTINUED)

SJ Diridon Approach (Viaduct to Scott Blvd) - Monterey Corridor (At Grade) - Morgan Hill Gilroy (Embankment to Downtown Gilroy) - Pacheco Pass (Deep) - San Joaquin Valley (Henry Miller Rd)

Station (SB TRK)	Traction Power Facility (TPF)	TPD IF	Dist. to Prev. TPF	Automatic Train Control Sites	Dist. to Prev. ATC-D (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
2160+00	Beginning of Casa de Fruta - Downtown Gilroy - Viaduct to Pacheco Pass (JM)						
2186+10	Paralleling Station B1 - Alt 1					Radio Tower PS-B1 - Alt 1	
--	to SS B - Alt 1		5.67			to RT ATC-D-JM4 - Alt 1	1.52
--	to SS B - Alt 2		5.46			to RT ATC-D-JM4 - Alt 2	1.46
2191+24	Paralleling Station B1 - Alt 2					Radio Tower PS-B1 - Alt 2	
--	to SS B - Alt 1		5.77			to RT ATC-D-JM4 - Alt 1	1.62
--	to SS B - Alt 2		5.56			to RT ATC-D-JM4 - Alt 2	1.56
2250+00						Radio Tower @ T1 W. Portal	
--						to RT PS-B1 - Alt 1	2.73
--						to RT PS-B2 - Alt 2	2.67
2255+61	WEST PORTAL HEADWALL - TUNNEL 1						
--	TUNNEL 1						
2338+57	EAST PORTAL HEADWALL - TUNNEL 1						
2345+00	Paralleling Station B2 (@ T1 E. Portal) - Alt 1					Radio Tower @ T1 E. Portal	
--	to PS B1 - Alt 1		3.01			to RT PS-B1 - Alt 1	3.01
--	to PS B1 - Alt 2		2.91			to RT PS-B2 - Alt 2	2.91
--						to RT @T1 W. Portal	1.80
2355+04	Paralleling Station B2 - Alt 2					Radio Tower PS-B2	
--	to PS B1 - Alt 1		3.20			to RT PS-B1 - Alt 1	3.20
--	to PS B1 - Alt 2		3.10			to RT PS-B2 - Alt 2	3.10
--						to RT @T1 W. Portal	1.99
						to RT @ T1 E. Portal	0.19
2387+89	End of Casa de Fruta - Downtown Gilroy - Viaduct to Pacheco Pass (JM)						
	Station Equation CASA-PACH-DWTN-GLRY POE 2387+88.85 = PACH-HENM-HIGH POB 3144+59.57						
3144+60	Beginning of Pacheco Pass - High to Henry Miller Road (JM)						
3260+74						Stand Alone Radio Tower JM9	
--						to RT @ T1 E. Portal	3.01
--						to RT PS-B2 - Alt 2	2.82
3279+14	Switching Station B - Alt 1					Radio Tower SWS-B - Alt 1	
--	to SS B - Alt 1		12.04			to RT @ T1 E. Portal	3.36
--	to SS B - Alt 2		11.83			to RT PS-B2 - Alt 2	3.17
--	to PS B2 - Alt 1		3.36				
--	to PS B2 - Alt 2		3.17				
3320+00	Switching Station B (@ T2 W. Portal) - Alt 2			ATC Site D JM5 @ T2 W. Portal		Radio Tower @ T2 W. Portal	
--	to SS B - Alt 1		12.81	to ATC Site D JM4 - Alt 1	8.67	to SA-RT JM9	1.12
--	to SS B - Alt 2		12.61	to ATC Site D JM4 - Alt 2	8.61	to RT SWS-B - Alt 1	0.77
--	to PS B2 - Alt 1		4.13				
--	to PS B2 - Alt 2		3.94				
3324+15	WEST PORTAL HEADWALL - TUNNEL 2						
3596+00	Paralleling Station B3						
--	to SWS B - Alt 1		6.00				
--	to SWS B - Alt 2		5.23				
3746+00				ATC Site D JM6			
--				to ATC Site D JM5	8.07		
--							
3860+00	Paralleling Station B4						
--	to SWS B - Alt 1		5.00				
4042+50	EAST PORTAL HEADWALL - TUNNEL 2						
4049+00						Radio Tower @ T2 E. Portal	
--						to RT @ T2/T3 Tunnel Portals	13.81
4171+90				ATC Site D JM7		Radio Tower ATC-D-JM7	
--				to ATC Site D JM6	8.07	to RT @ T3 E. Portal	2.33
4173+80	Substation Station C					Radio Tower SS-C	
--	to SS B - Alt 1		#REF!			to RT @ T3 E. Portal	2.36
--	to SS B - Alt 2		#REF!				
--	to SWS B - Alt 1		16.94				
--	to SWS B - Alt 2		16.17				
--	to PS B4		5.94				
4292+00						Stand Alone Radio Tower JM10	
--						to RT ATC-D-JM7	2.27
--						to RT SS-C	2.24
4392+49	Paralleling Station C1 - Alt 1					Radio Tower PS-C1 - Alt 1	
--	to SS C - Alt 1		4.14			to SA-RT JM10	1.90
--							
4411+43	Paralleling Station C1 - Alt 2					Radio Tower PS-C1 - Alt 2	
--	to SS C - Alt 1		4.50			to SA-RT JM10	2.26
4426+18	End of Pacheco Pass - High to Henry Miller Road (JM)						
	Station Equation PACH-HENM-HIGH POE 4426+17.53 = HENM-CARL POB 4410+00.00						

ALTERNATIVE 2 (CONTINUED)

SJ Diridon Approach (Viaduct to Scott Blvd) - Monterey Corridor (At Grade) - Morgan Hill Gilroy (Embankment to Downtown Gilroy) - Pacheco Pass (Deep) - San Joaquin Valley (Henry Miller Rd)

Station (SB TRK)	Traction Power Facility (TPF)	TPD IF	Dist. to Prev. TPF	Automatic Train Control Sites	Dist. to Prev. ATC-D (mi)	Communications Radio Tower	Dist. to Prev. RT (mi)
4410+00	Beginning of Henry Miller Road to Carlucci Road (JM)						
4483+86				ATC Site D JM8- Alt 1		Radio Tower ATC-D-JM8 - Alt 1	
--				to ATC Site D JM7	#REF!	to RT PS-C1 - Alt 1	#REF!
--						to RT PS-C1 - Alt 2	#REF!
4513+12				ATC Site D JM8- Alt 2		Radio Tower ATC-D-JM8 - Alt 2	
--				to ATC Site D JM7	#REF!	to RT PS-C1 - Alt 1	#REF!
--						to RT PS-C1 - Alt 2	#REF!
4624+82	Paralleling Station C2 - Alt 1					Radio Tower PS-C2 - Alt 1	
--	to PS C1 - Alt 1		4.71			to RT ATC-D-JM8 - Alt 1	2.67
--	to PS C1 - Alt 2		4.35			to RT ATC-D-JM8 - Alt 2	2.12
4646+50	Paralleling Station C2 - Alt 2					Radio Tower PS-C2 - Alt 2	
--	to PS C1 - Alt 1		5.12			to RT ATC-D-JM8 - Alt 1	3.08
--	to PS C1 - Alt 2		4.76			to RT ATC-D-JM8 - Alt 2	2.53
4771+59						Stand Alone Radio Tower JM11 - Alt 1	
--						to RT PS-C2 - Alt 1	2.78
--						to RT PS-C2 - Alt 2	2.37
4780+92						Stand Alone Radio Tower JM11 - Alt 2	
--						to RT PS-C2 - Alt 1	2.96
--						to RT PS-C2 - Alt 2	2.55
4783+29				House at Interlocking Site B			
4792+29				House at Interlocking Site E		Radio Tower Interlocking Site E	
--				to ATC Site D JM8 - Alt 1	5.84	to SA-RT JM11 - Alt 1	0.39
--				to ATC Site D JM8 - Alt 2	5.29	to SA-RT JM11 - Alt 2	0.22
4806+53				House at Interlocking Site B			
4921+63	Switching Station C- Alt 1					Radio Tower SWS-C - Alt 1	
--	to SS C - Alt 1		14.47			to SA-RT JM11 - Alt 1	2.84
--	to PS C2 - Alt 1		5.62			to SA-RT JM11 - Alt 2	2.66
--	to PS C2 - Alt 2		5.21			to RT ATC Interlocking Site E	2.45
4922+63	Switching Station C - Alt 2					Radio Tower SWS-C - Alt 2	
--	to SS C - Alt 1		14.49			to SA-RT JM11 - Alt 1	2.86
--	to PS C2 - Alt 1		5.64			to SA-RT JM11 - Alt 2	2.68
--	to PS C2 - Alt 2		5.23			to RT ATC Interlocking Site E	2.47
5044+62						Stand Alone Radio Tower JM12 - Alt 1	
--						to RT SWS-C- Alt 1	2.33
--						to RT SWS-C- Alt 2	2.31
5051+48						Stand Alone Radio Tower JM12 - Alt 2	
--						to RT SWS-C- Alt 1	2.46
--						to RT SWS-C- Alt 2	2.44
5175+75				ATC Site D JM9- Alt 1		Radio Tower ATC-D-JM9 - Alt 1	
--				to Interlocking ATC Site E	7.26	to SA-RT JM12 - Alt 1	2.48
--						to SA-RT JM12 - Alt 2	2.35
5179+42	Paralleling Station C3 - Alt 1					Radio Tower PS-C3 - Alt 2	
--	to SS 2 - Alt 1		4.88			to SA-RT JM12 - Alt 1	2.55
--	to SS 2 - Alt 2		4.86			to SA-RT JM12 - Alt 2	2.42
5182+00	Paralleling Station C3 - Alt 2					Radio Tower PS-C3 - Alt 3	
--	to SS 2 - Alt 1		4.93			to SA-RT JM12 - Alt 1	2.60
--	to SS 2 - Alt 2		4.91			to SA-RT JM12 - Alt 2	2.47
5184+90				ATC Site D JM9- Alt 2		Radio Tower ATC-D-JM9 - Alt 4	
--				to Interlocking ATC Site E	7.44	to SA-RT JM12 - Alt 1	2.66
--						to SA-RT JM12 - Alt 2	2.53
5332+17						Stand Alone Radio Tower JM13 - Alt 1	
--						to RT AT-D-JM9 - Alt 1	2.96
--						to RT PS-C3 - Alt 1	2.89
--						to RT PS-C3 - Alt 2	2.84
--						to RT AT-D-JM9 - Alt 2	2.79
5338+18						Stand Alone Radio Tower JM13 - Alt 2	
--						to RT AT-D-JM9 - Alt 1	3.08
--						to RT PS-C3 - Alt 1	3.01
--						to RT PS-C3 - Alt 2	2.96
--						to RT AT-D-JM9 - Alt 2	2.90
5367+00	End of Henry Miller Road to Carlucci Road (JM)						
	HENM-CARL POE 5367+00.00						

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET D

2021 RECORD SET PEPD

NOVEMBER 30, 2021

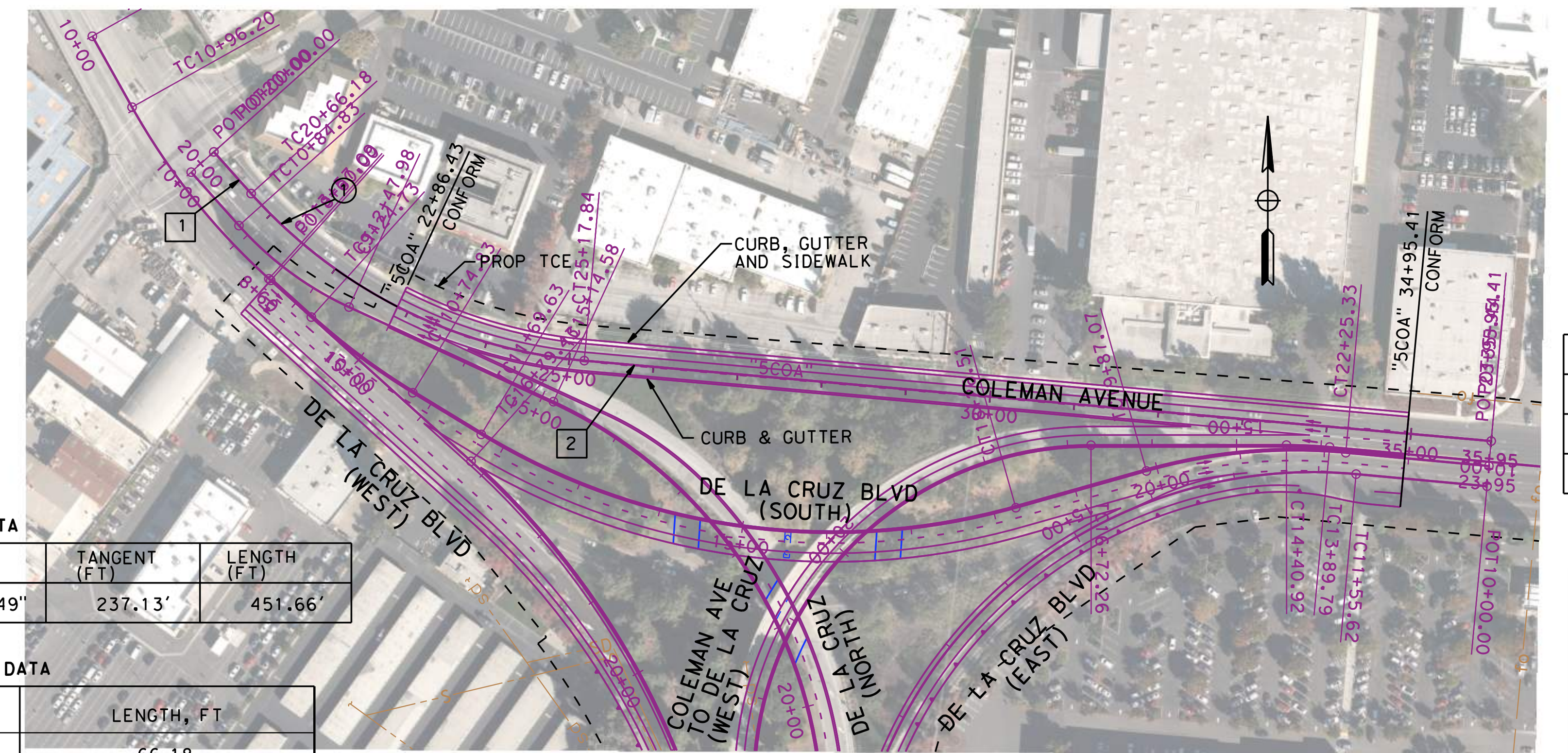
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
GENERAL
KEY MAP
SYSTEMS SITES

CONTRACT NO.	HSR15-34
DRAWING NO.	GE-D0202
SCALE	AS SHOWN
SHEET NO.	



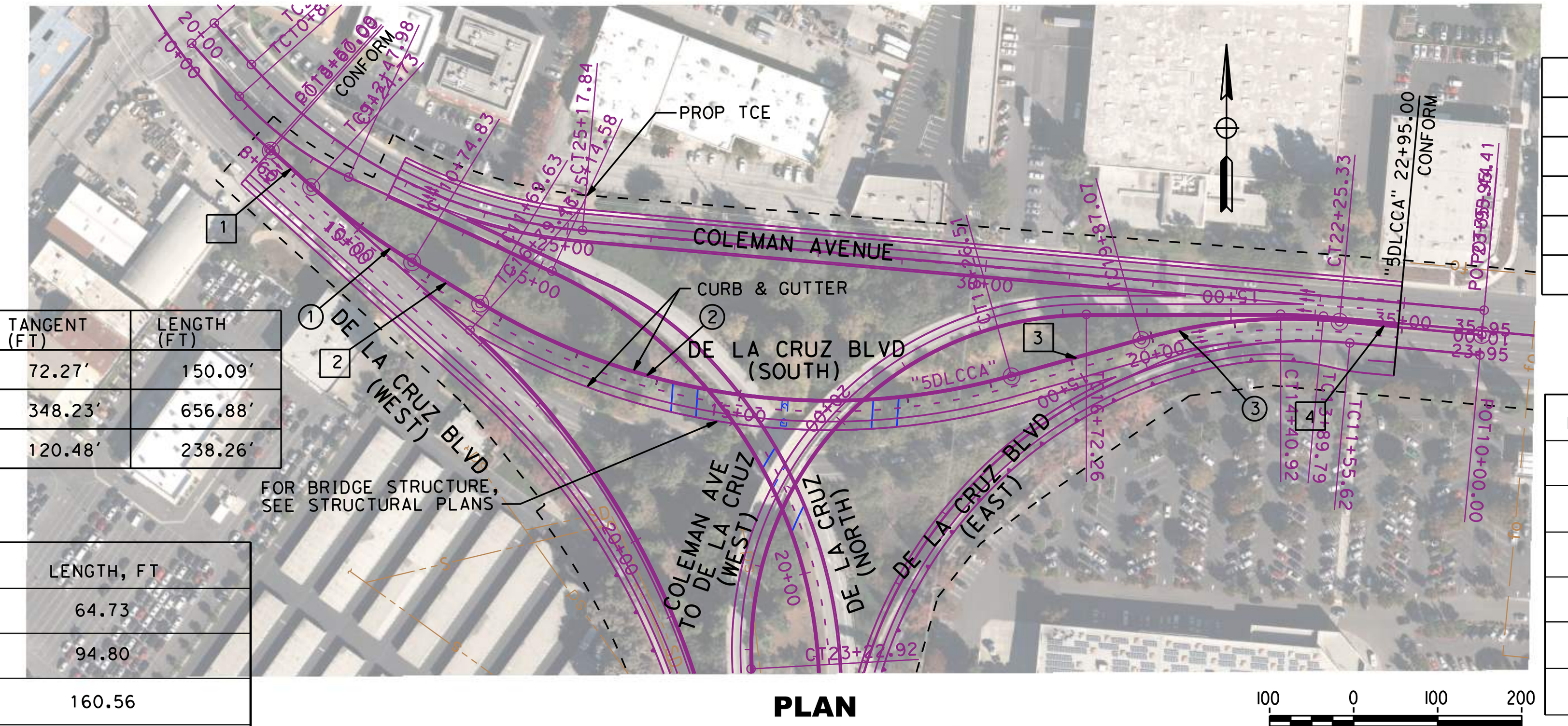
NO.	RADIUS (FT)	DELTA	TANGENT (FT)	LENGTH (FT)
1	600.00'	43°07'49"	237.13'	451.66'

CURVE DATA

NO.	BEARING	LENGTH, FT
1	S 12°34'08.62" E	66.18
2	S 55°41'57.47" E	1077.57

LINE DATA

PLAN
COLEMAN AVENUE "5COA"
SCALE: 1"=200'



CURVE DATA

NO.	RADIUS (FT)	DELTA	TANGENT (FT)	LENGTH (FT)
1	800.00'	10°44'59"	72.27'	150.09'
2	800.00'	47°02'45"	348.23'	656.88'
3	650.00'	21°00'08"	120.48'	238.26'

LINE DATA

NO.	BEARING	LENGTH, FT
1	S 18°41'05.47" E	64.73
2	S 29°26'04.43" E	94.80
3	S 76°28'49.52" E	160.56
4	S 55°28'41.49" E	170.11

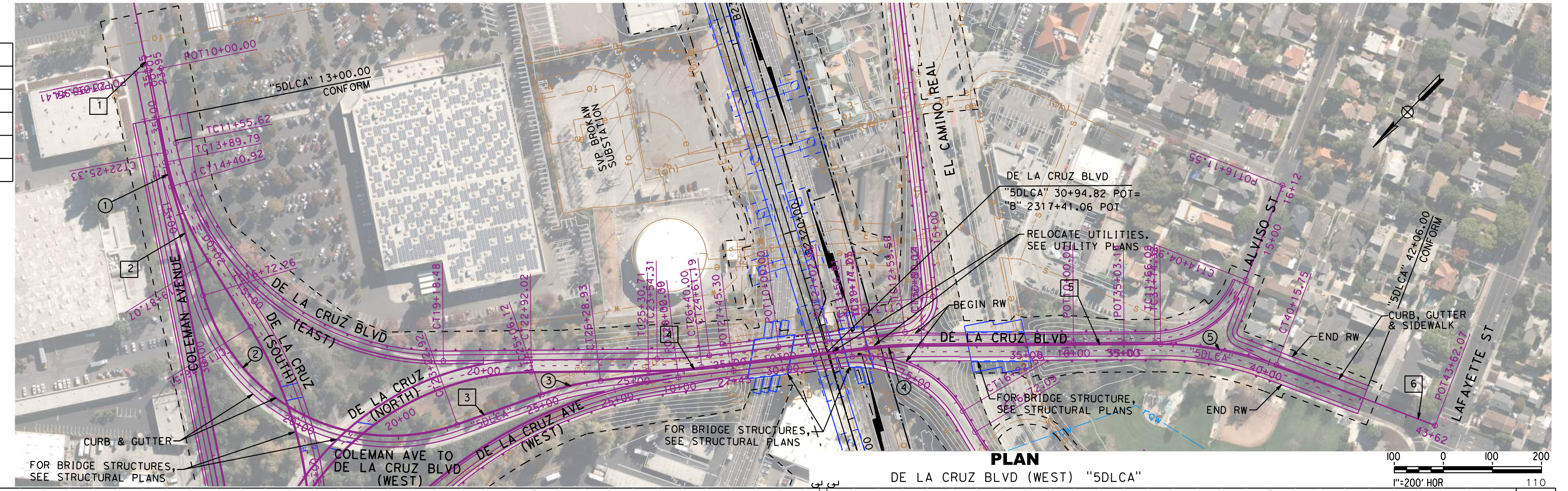
PLAN
DE LA CRUZ BLVD (SOUTH) "5DLCCA"
SCALE: 1"=200'

CURVE DATA

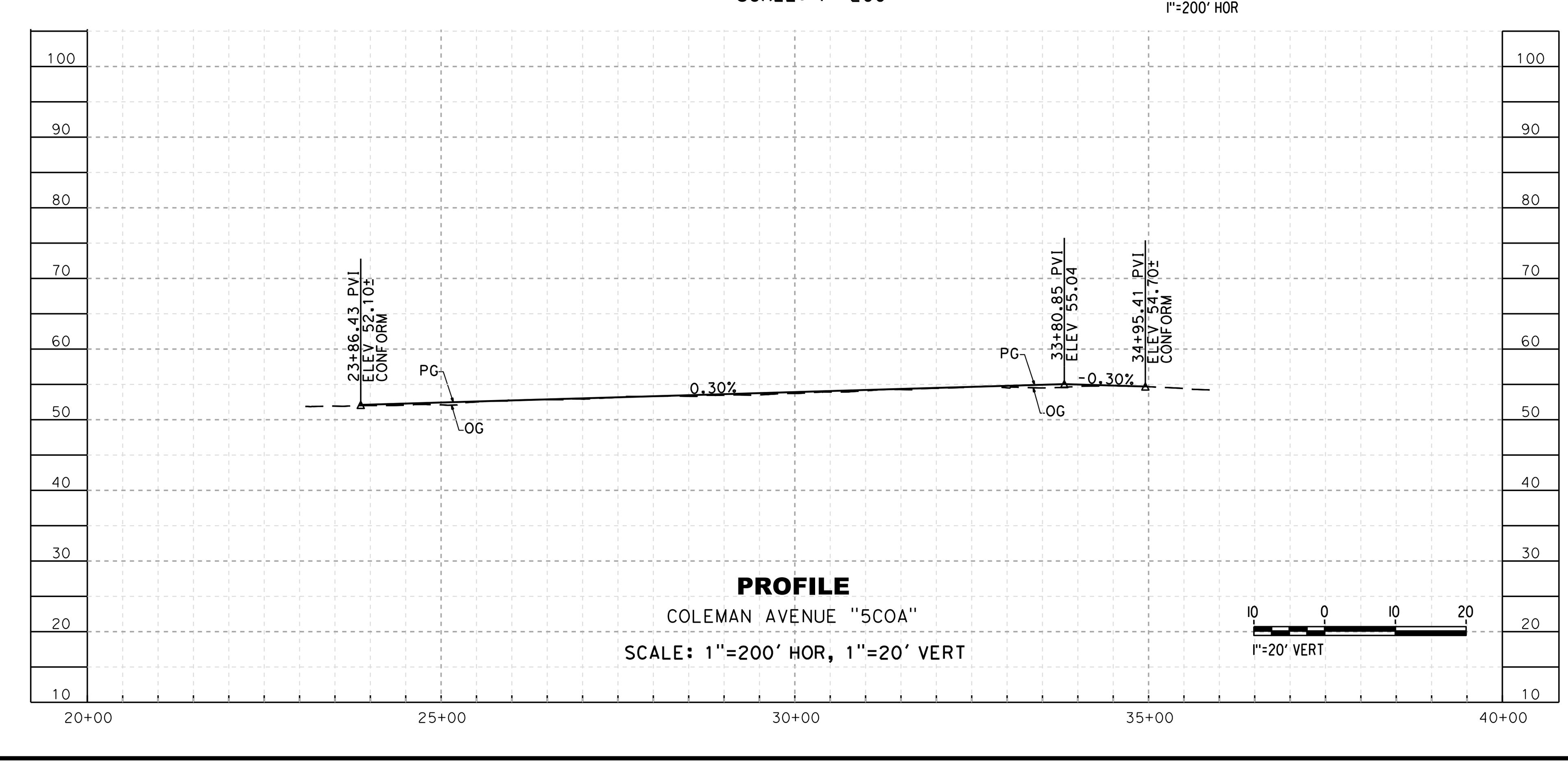
NO.	RADIUS (FT)	DELTA	TANGENT (FT)	LENGTH (FT)
1	550.00'	5°19'34"	25.58'	51.13'
2	400.00'	93°12'01"	422.99'	650.66'
3	550.00'	12°47'38"	61.66'	122.81'
4	1000.00'	6°27'37"	56.44'	112.75'
5	650.00'	12°16'51"	18.37'	241.42'

LINE DATA

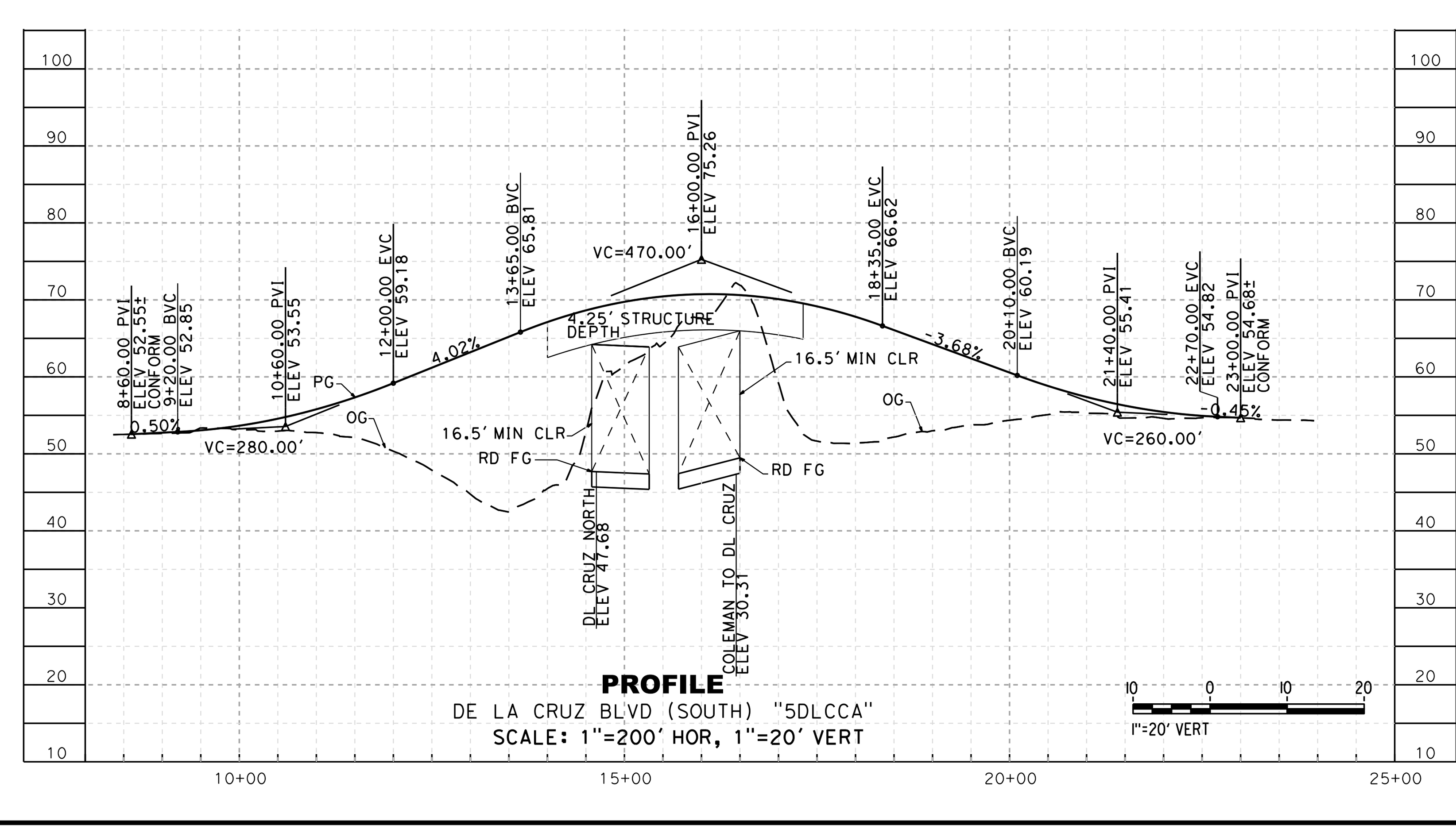
NO.	BEARING	LENGTH, FT
1	N 55°28'41.49" W	389.79
2	N 60°48'15.73" W	231.35
3	S 25°59'43.57" W	183.20
4	S 38°47'21.25" W	545.34
5	S 45°14'58.28" W	487.30
6	S 66°31'49.47" W	346.32



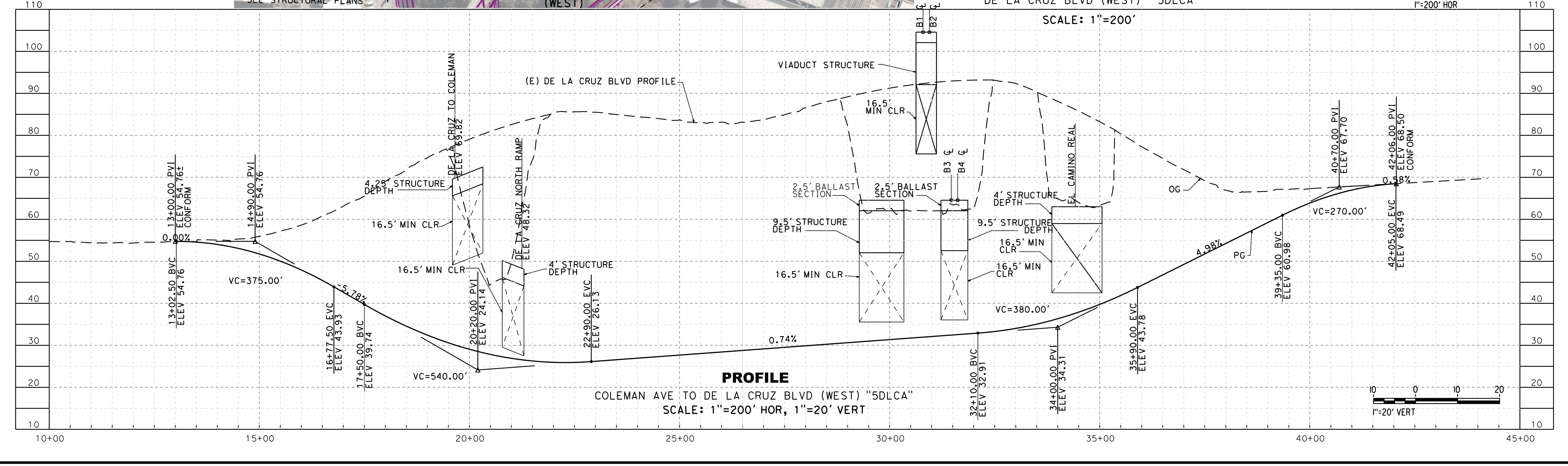
PLAN
DE LA CRUZ BLVD (WEST) "5DLCA"
SCALE: 1"=200'



PROFILE
COLEMAN AVENUE "5COA"
SCALE: 1"=200' HOR, 1"=20' VERT



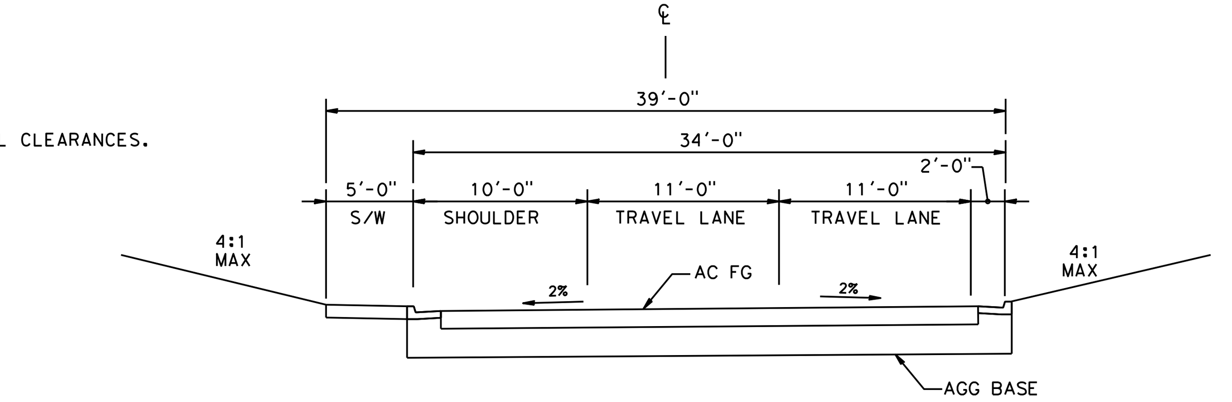
PROFILE
DE LA CRUZ BLVD (SOUTH) "5DLCCA"
SCALE: 1"=200' HOR, 1"=20' VERT



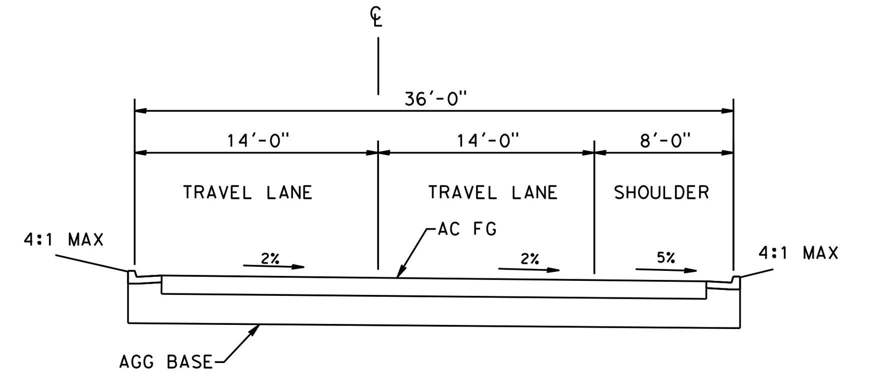
PROFILE
COLEMAN AVE TO DE LA CRUZ BLVD (WEST) "5DLCA"
SCALE: 1"=200' HOR, 1"=20' VERT

NOTES:

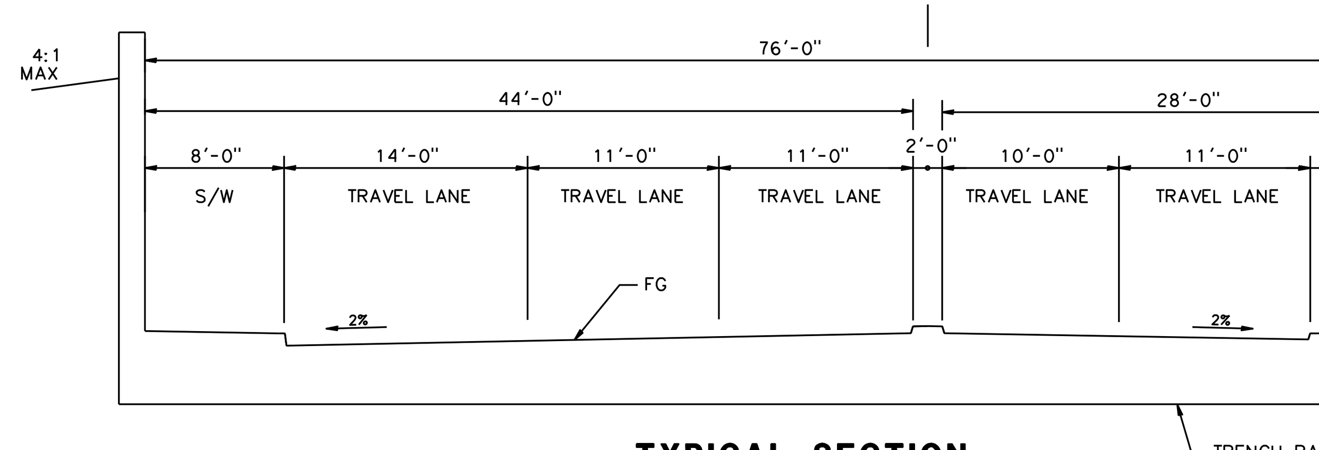
1. DESIGN SPEED:
   DE LA CRUZ BLVD = 35 MPH TO 40 MPH
   COLEMAN AVENUE = 40 MPH
   ALVISO STREET = 25 MPH
   EL CAMINO RAMPS = 15 MPH TO 30 MPH
2. FALSEWORK ARE NOT CONSIDERED FOR VERTICAL CLEARANCES.



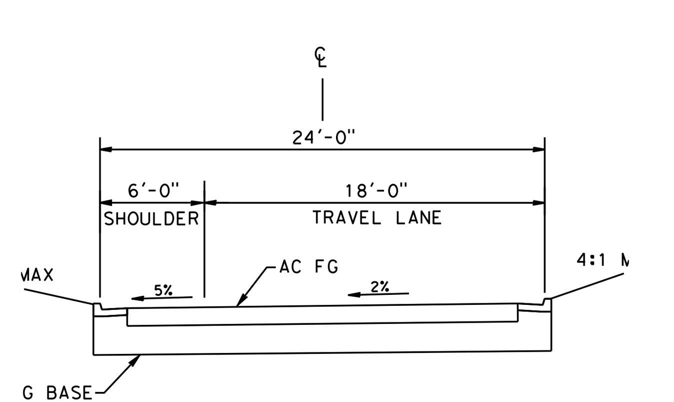
TYPICAL SECTION
"5COA" LINE
STA 13+82 TO STA 32+40



TYPICAL SECTION
"5DLCCA" LINE
STA 11+69.63 TO STA 19+87.07



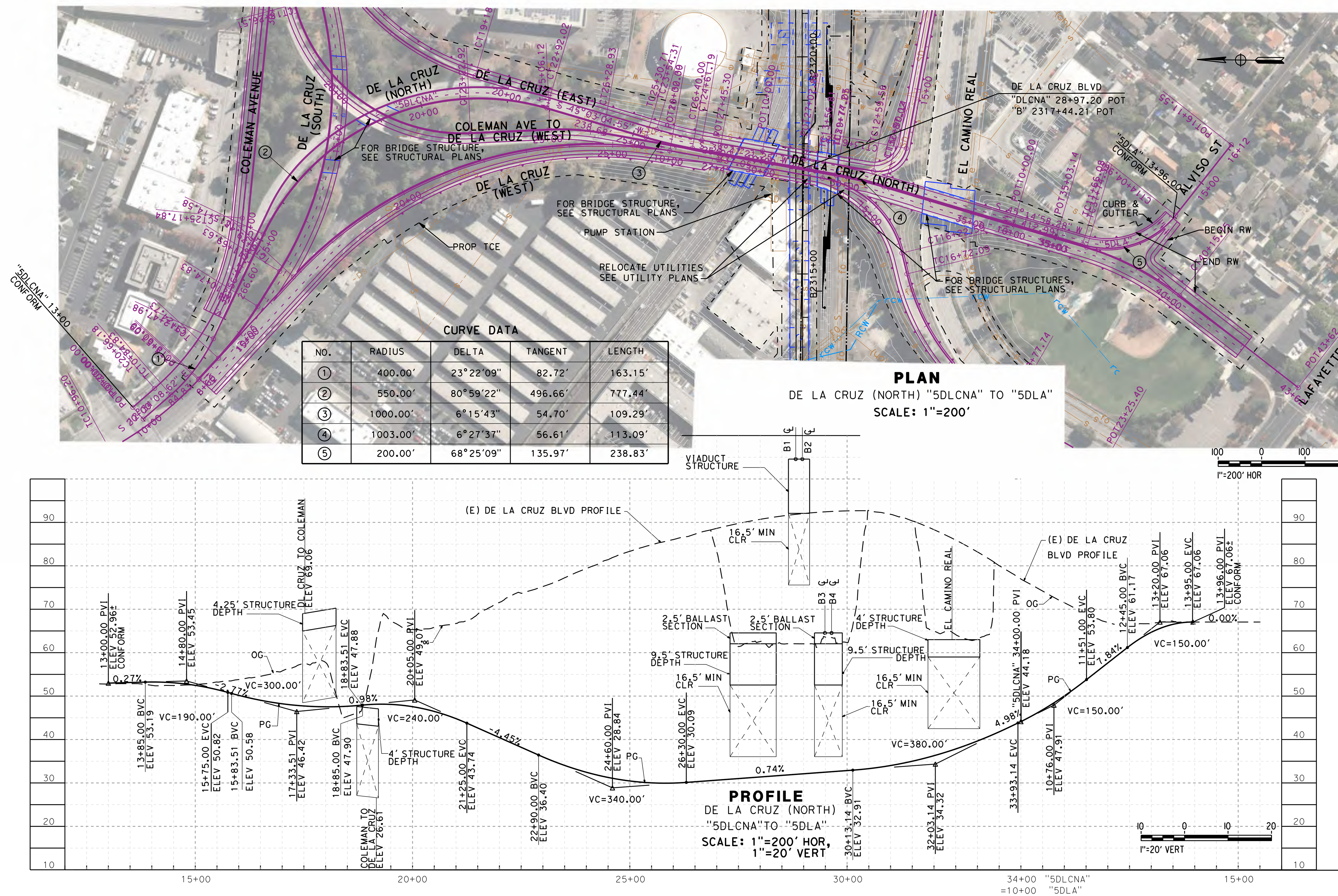
TYPICAL SECTION
"5DLCCEA" LINE STA 22+00 TO STA 27+00
"5DLCNA" LINE STA 23+00 TO STA 30+00
"5DLCA" LINE STA 26+00 TO STA 32+00
"5DLCWA" LINE STA 24+50 TO STA 27+45
"5ECRWA" LINE STA 10+00 TO STA 14+00
"5ECREA" LINE STA 10+00 TO STA 12+00



TYPICAL SECTION
"5DLCA" LINE
STA 39+00 TO STA 43+50

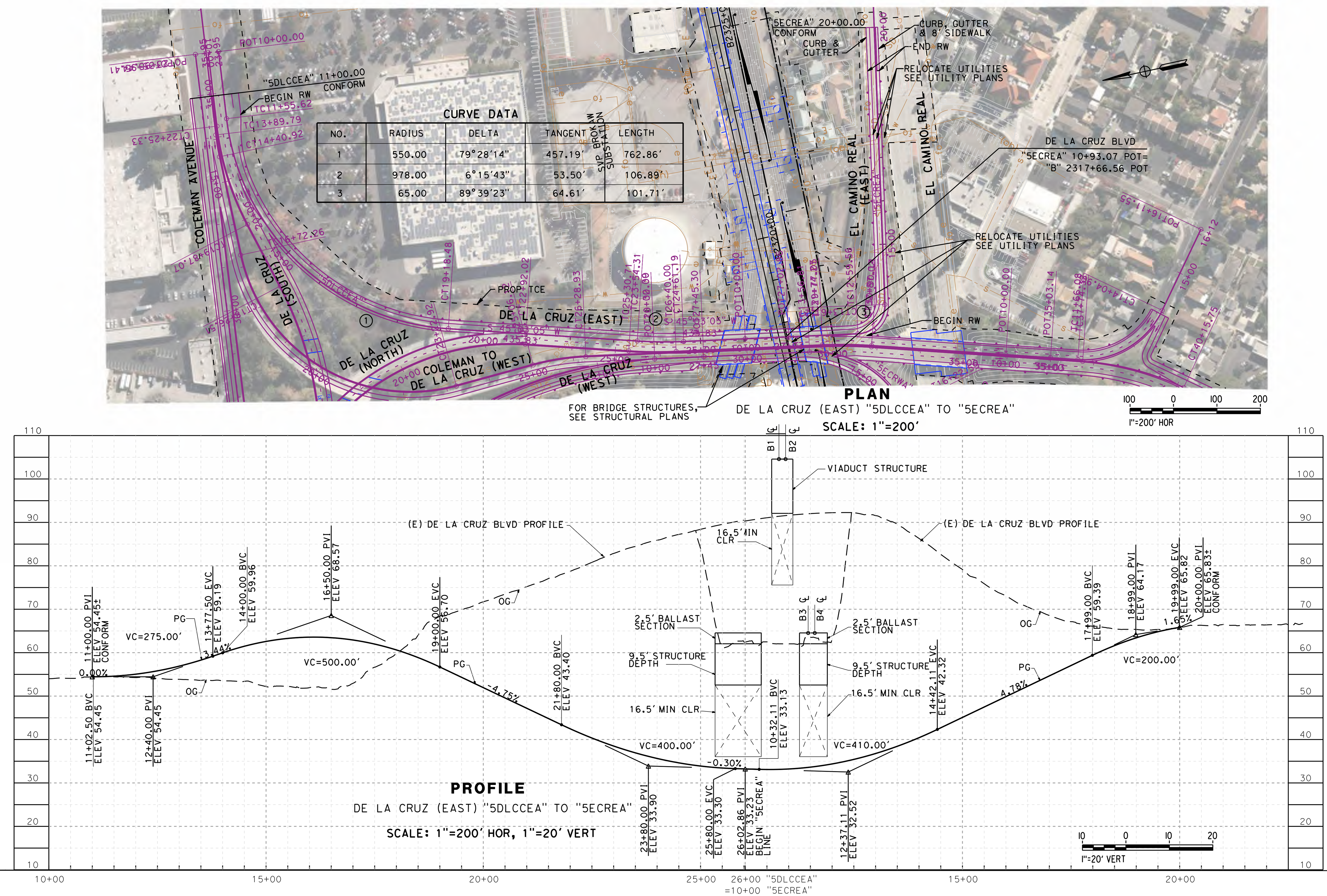
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 116 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD PLAN, PROFILE AND TYPICAL SECTIONS - SHEET 1 OF 2 DE LA CRUZ AVENUE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0251 SCALE AS SHOWN SHEET NO.



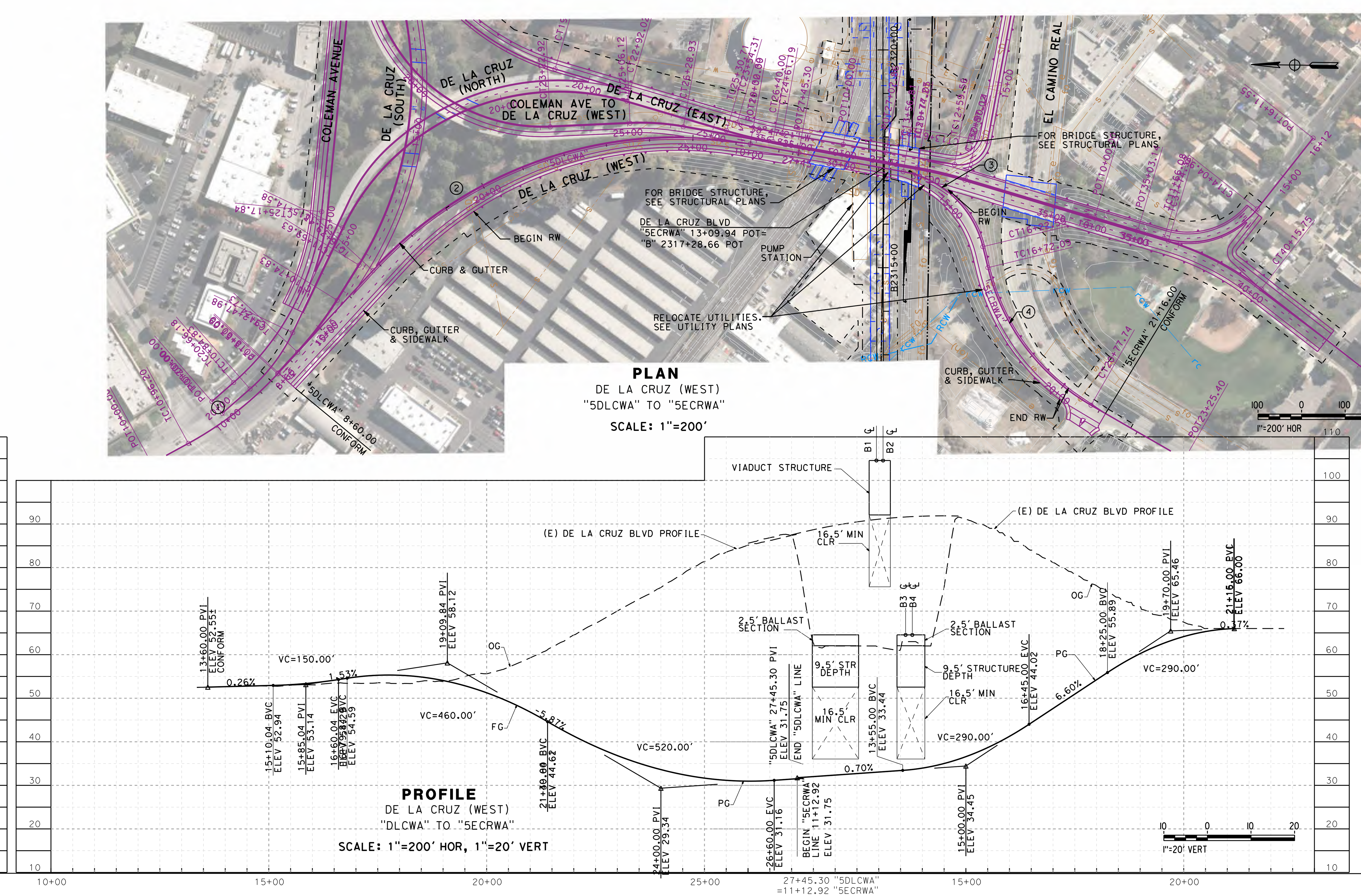
CURVE DATA

NO.	RADIUS	DELTA	TANGENT	LENGTH
1	400.00'	23°22'09"	82.72'	163.15'
2	550.00'	80°59'22"	496.66'	777.44'
3	1000.00'	6°15'43"	54.70'	109.29'
4	1003.00'	6°27'37"	56.61'	113.09'
5	200.00'	68°25'09"	135.97'	238.83'



CURVE DATA

NO.	RADIUS	DELTA	TANGENT	LENGTH
1	550.00	79°28'14"	457.19'	762.86'
2	978.00	6°15'43"	53.50'	106.89'
3	65.00	89°39'23"	64.61'	101.71'

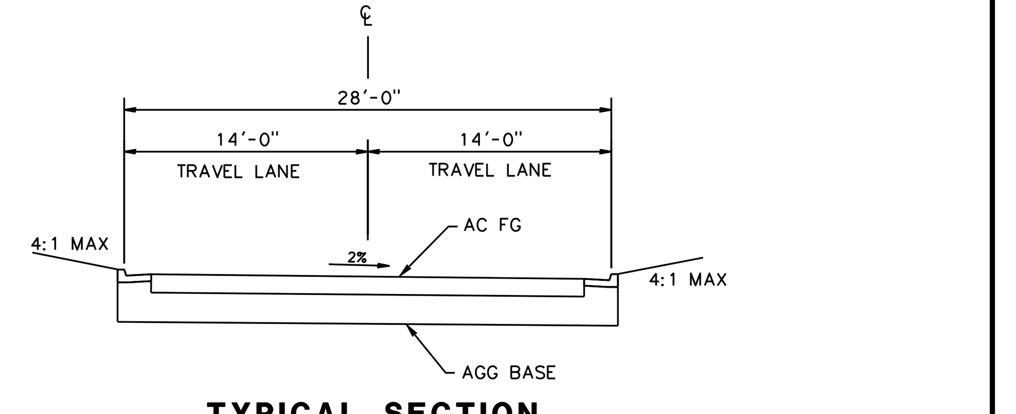


NOTES:

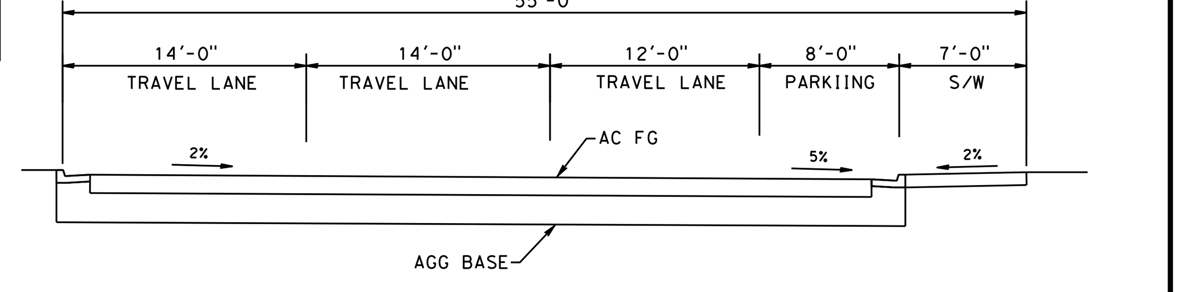
1. DESIGN SPEED:
   - DE LA CRUZ BLVD = 35 MPH TO 40 MPH
   - COLEMAN AVENUE = 40 MPH
   - ALVISO STREET = 25 MPH
   - EL CAMINO RAMPS = 15 MPH TO 30 MPH
2. FALSEWORKS ARE NOT CONSIDERED IN VERTICAL CLEARANCES.

CURVE DATA

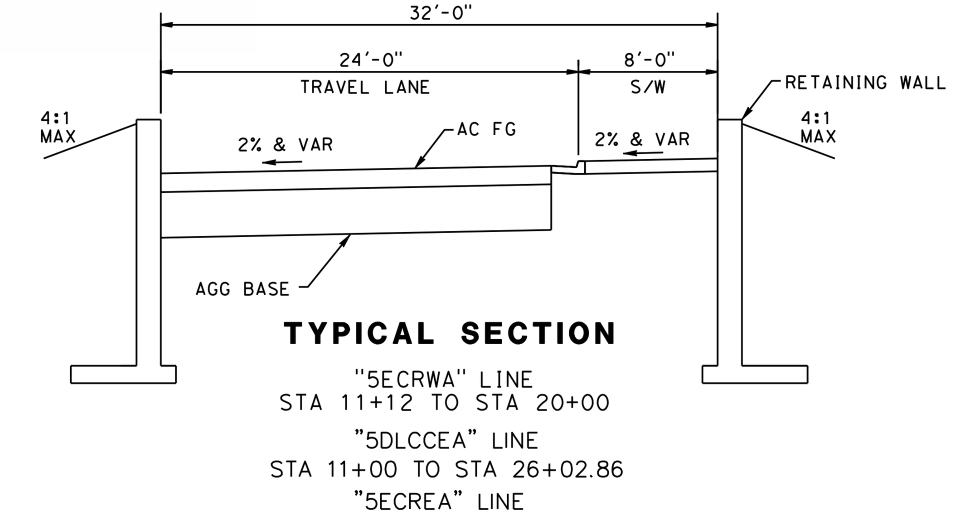
NO.	RADIUS	DELTA	TANGENT	LENGTH
1	800.00'	18°41'05"	131.61'	260.89'
2	950.00'	57°28'27"	520.91'	952.96'
3	230.00'	66°12'30"	149.96'	265.78'
4	500.00'	46°29'02"	214.73'	405.65'



TYPICAL SECTION
"5DLCNA" LINE
STA 20+00 TO STA 22+00



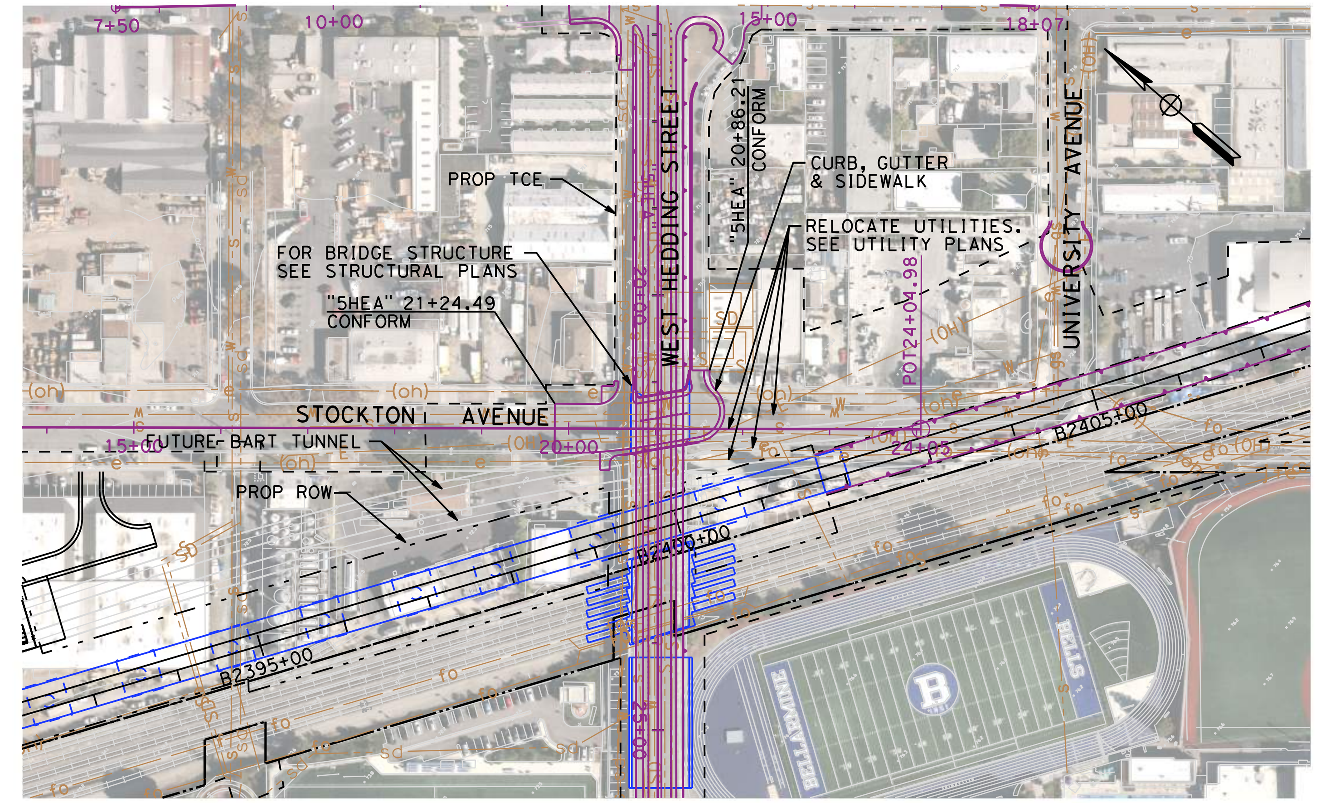
TYPICAL SECTION
"5ECRWA" LINE
STA 13+60 TO STA 16+00



TYPICAL SECTION
"5ECRWA" LINE
STA 11+12 TO STA 20+00
"5DLCCEA" LINE
STA 11+00 TO STA 26+02.86
"5ECREA" LINE
STA 10+00 TO STA 20+00

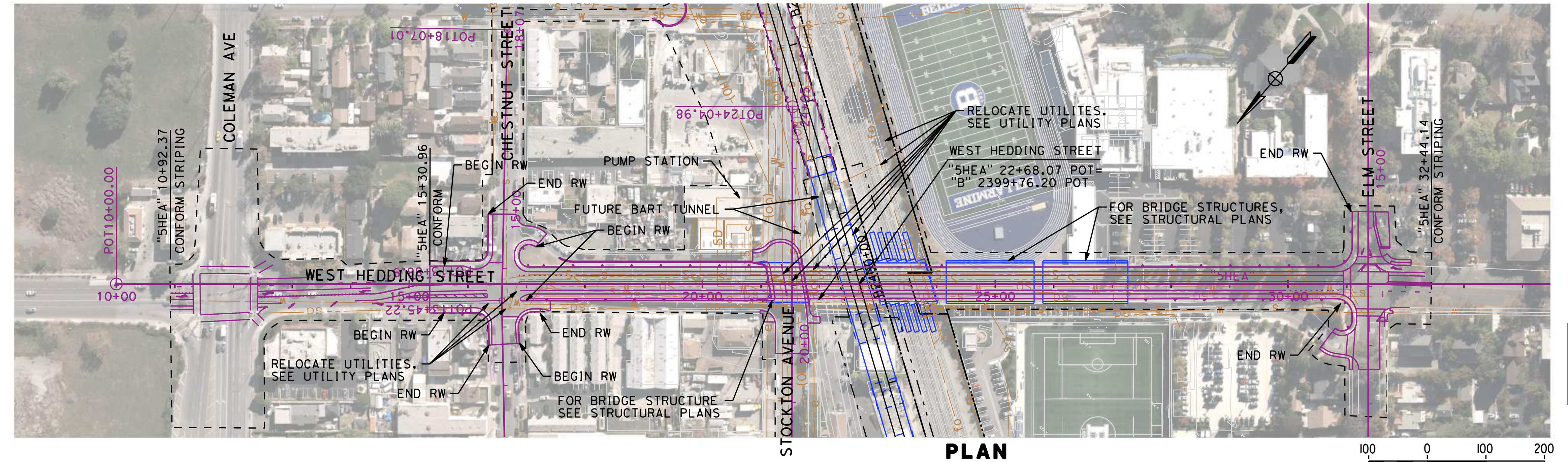
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 117 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD PLAN, PROFILE AND TYPICAL SECTIONS - SHEET 2 OF 2 DE LA CRUZ AVENUE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0252 SCALE AS SHOWN SHEET NO.



PLAN
STOCKTON AVENUE
SCALE: 1"=200'

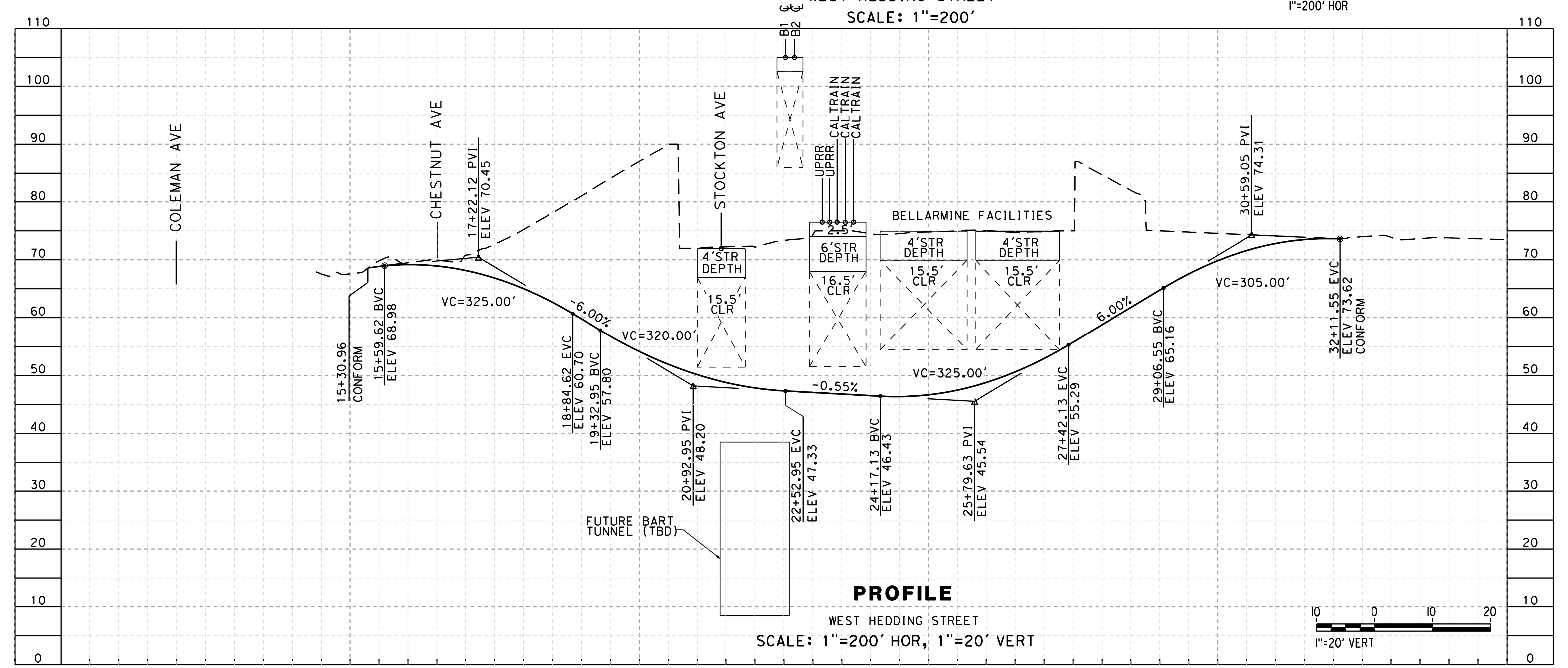
NO PROFILE REQUIRED



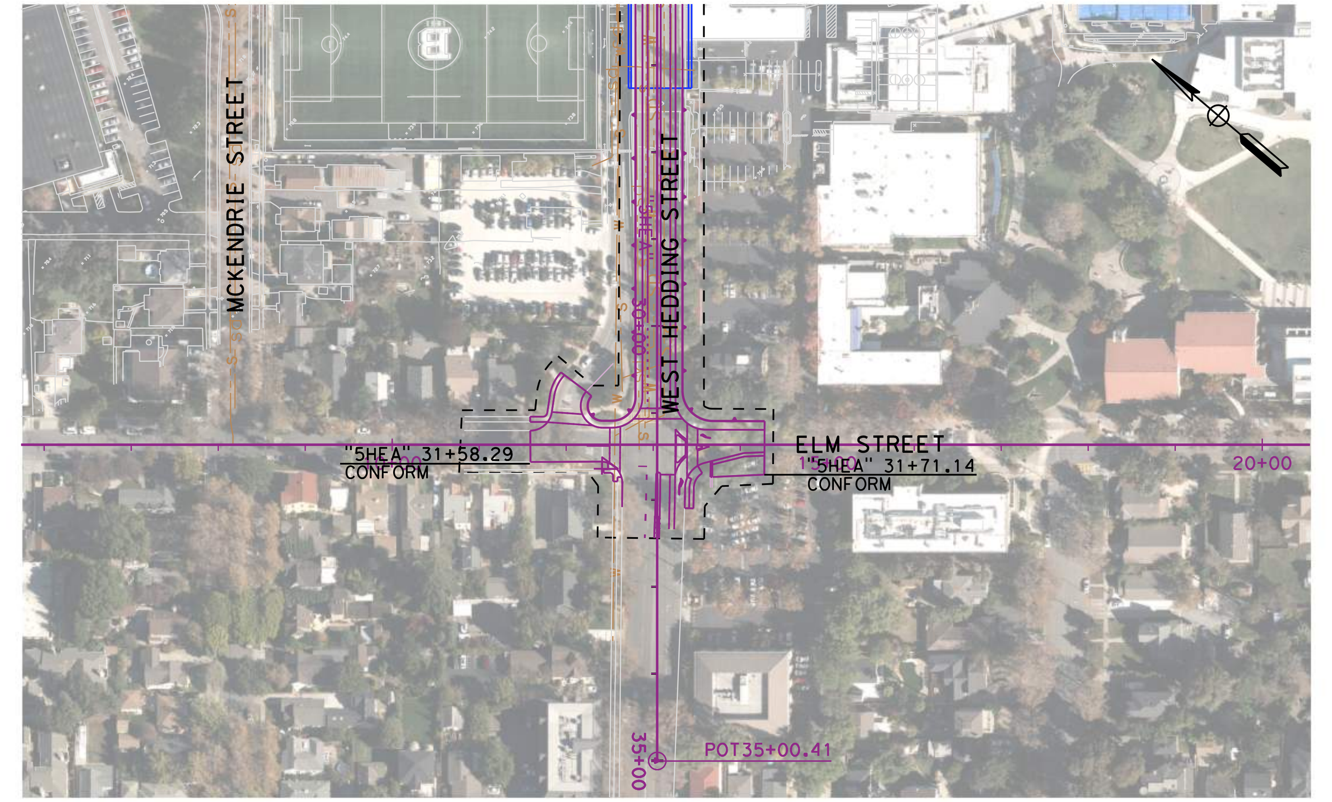
PLAN
WEST HEDDING STREET
SCALE: 1"=200'

LINE DATA

NO.	BEARING	LENGTH
1	S 49°36'57" W	2500.00'



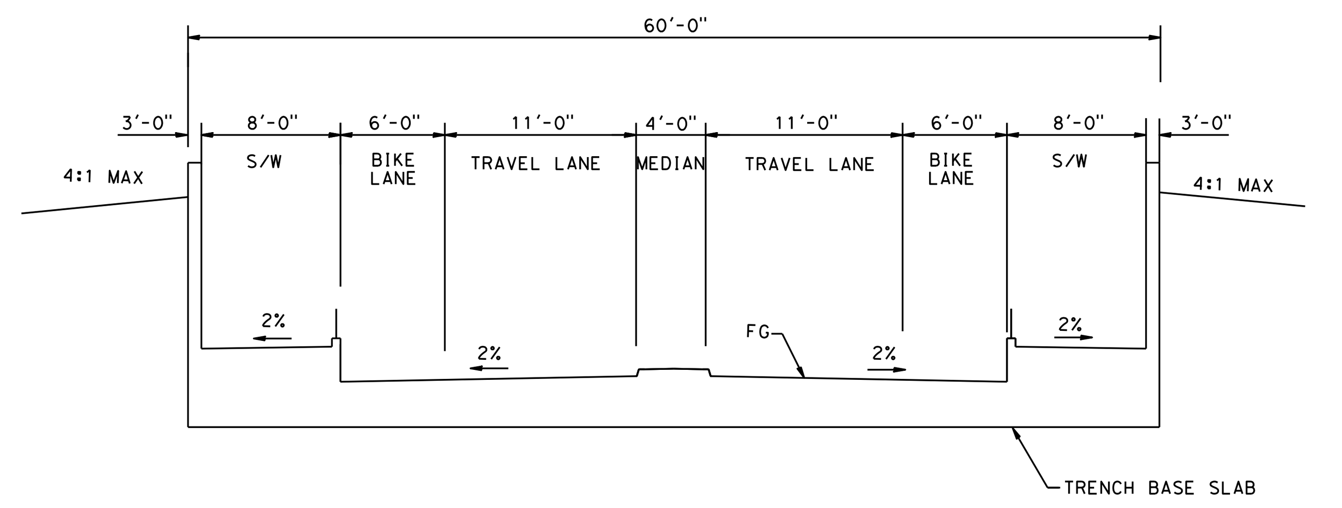
PROFILE
WEST HEDDING STREET
SCALE: 1"=200' HOR, 1"=20' VERT



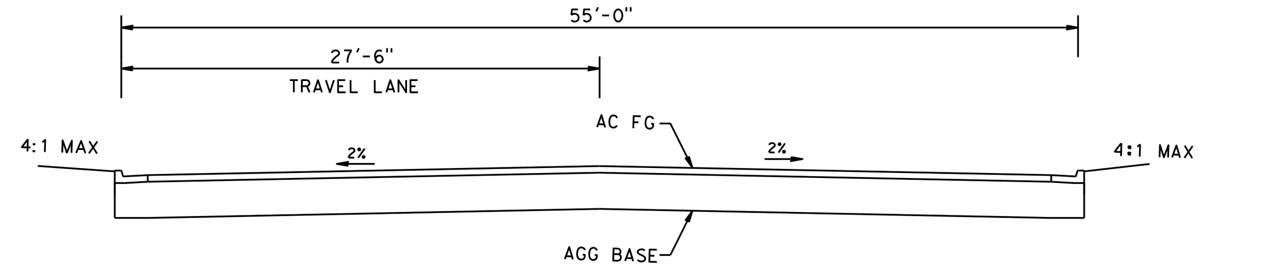
PLAN
ELM STREET
SCALE: 1"=200'

NO PROFILE REQUIRED

NOTES:
1. DESIGN SPEED (WEST HEDDING ST) = 35 MPH
2. FALSEWORK ARE NOT CONSIDERED FOR VERTICAL CLEARANCES.



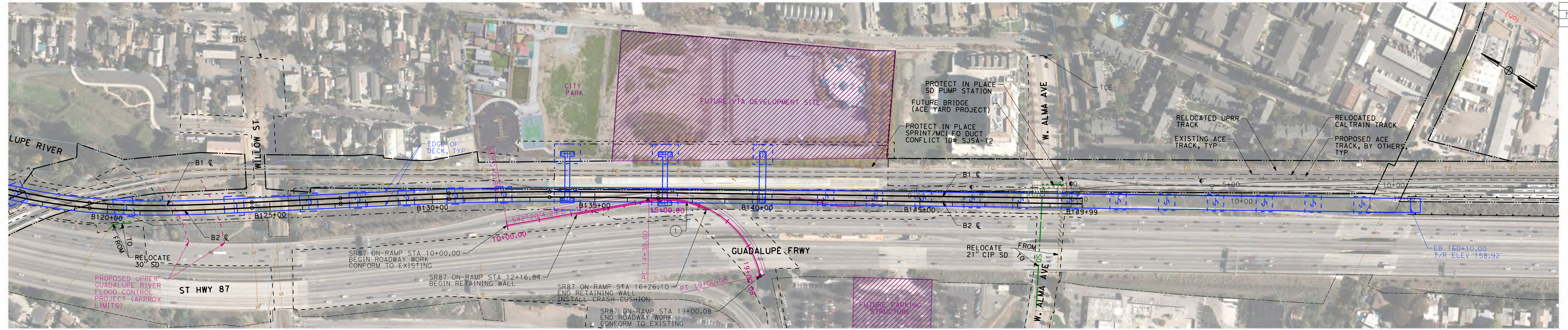
TYPICAL SECTION
WEST HEDDING STREET
"SHEA" 17+00.00 TO 30+85.88



TYPICAL SECTION
STOCKTON AVENUE

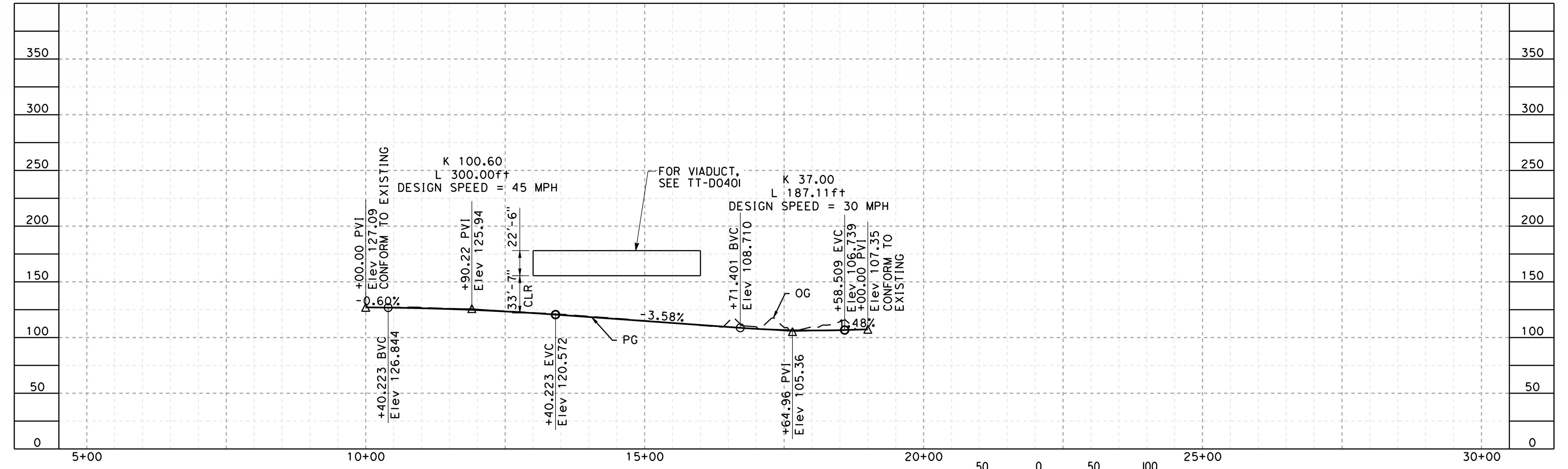
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 118 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED SAN JOSE DIRIDON STATION APPROACH VIADUCT TO SCOTT BLVD PLAN, PROFILE AND TYPICAL SECTIONS WEST HEDDING STREET	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0253 SCALE AS SHOWN SHEET NO.

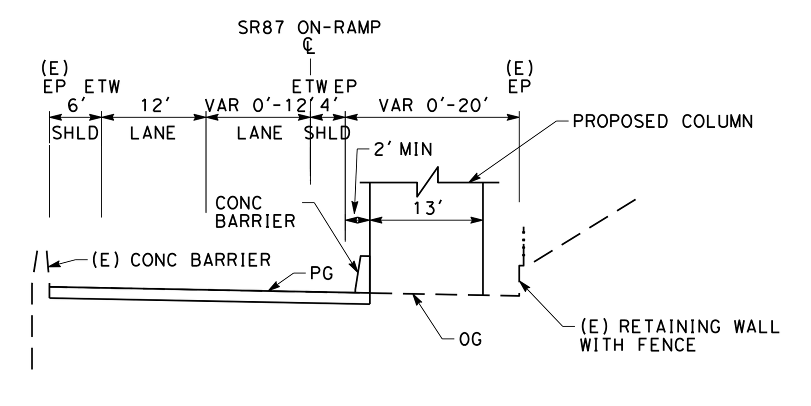


PLAN - SR87 ON-RAMP
SCALE: 1"=100'

CURVE DATA SR87 ON-RAMP				
NO.	R	Δ	L	T
1	300	87°56'43.36"	460.481	289.430



PROFILE - SR87 ON-RAMP
SCALE: 1"=200' HOR, 1"=100' VERT



TYPICAL SECTION
SCALE: 1"=20'
SR87 ON-RAMP STA 10+00 TO SR87 ON-RAMP STA 19+00.08

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 119 OF 285

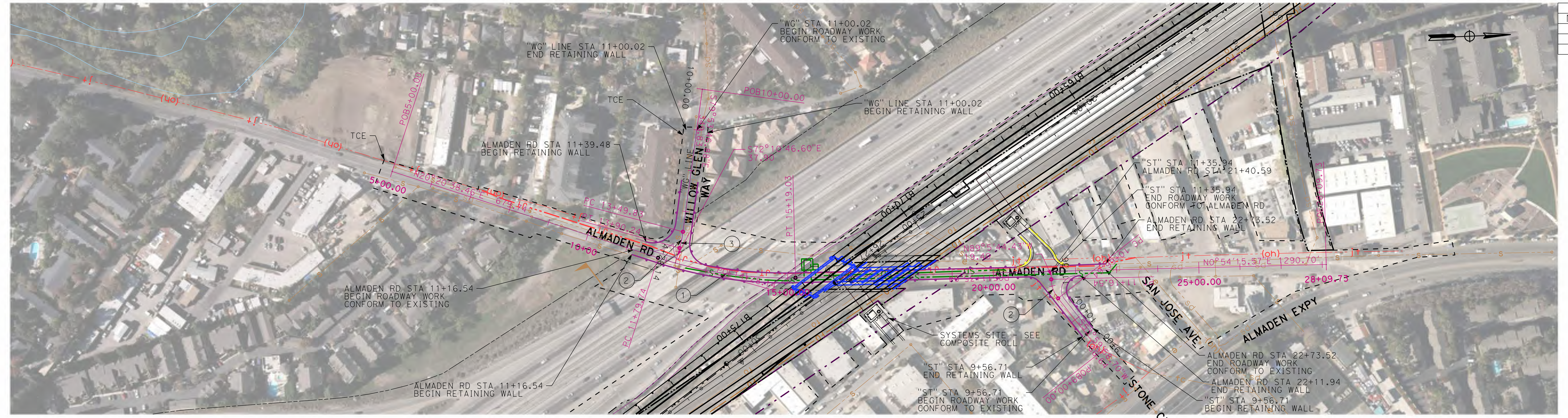
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

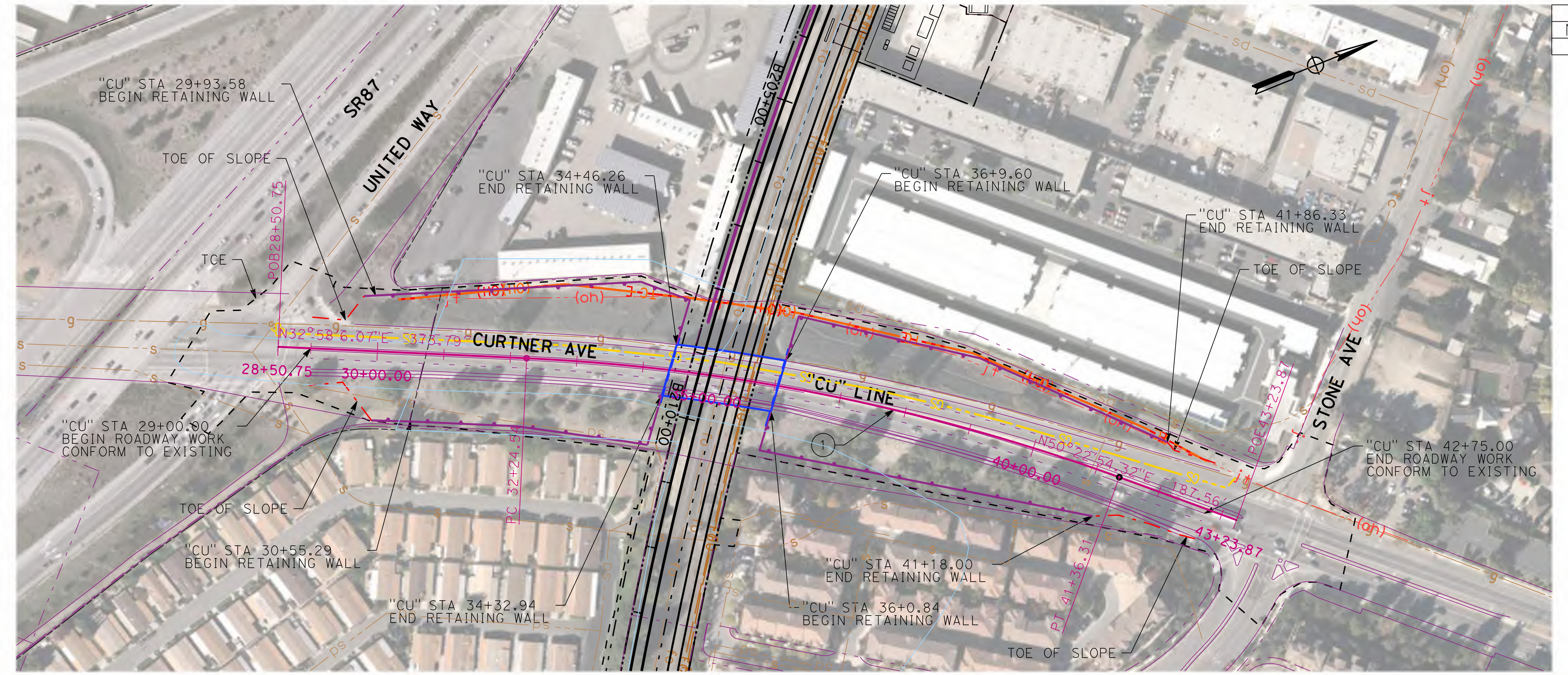
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MONTEREY CORRIDOR
VIADUCT/AT-GRADE
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
SR87 ON-RAMP

CONTRACT NO. HSR15-34
DRAWING NO. CV-T0401
SCALE AS SHOWN
SHEET NO.



PLAN - ALMADEN RD
SCALE: 1"=100'

CURVE DATA ALMADEN RD, "ST", AND "WG" LINE				
NO.	R	Δ	L	T
1	1000	19°26'22.88"	339.287	171.290
2	77.47	36°54'16.87"	49.90	25.849
3	300	7°43'0.28"	40.405	20.233

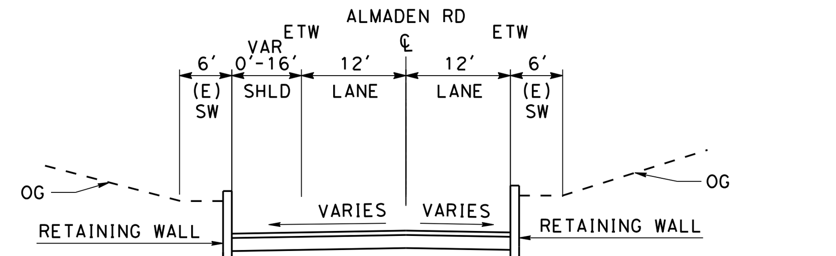


PLAN - CURTNER AVE
SCALE: 1"=100'

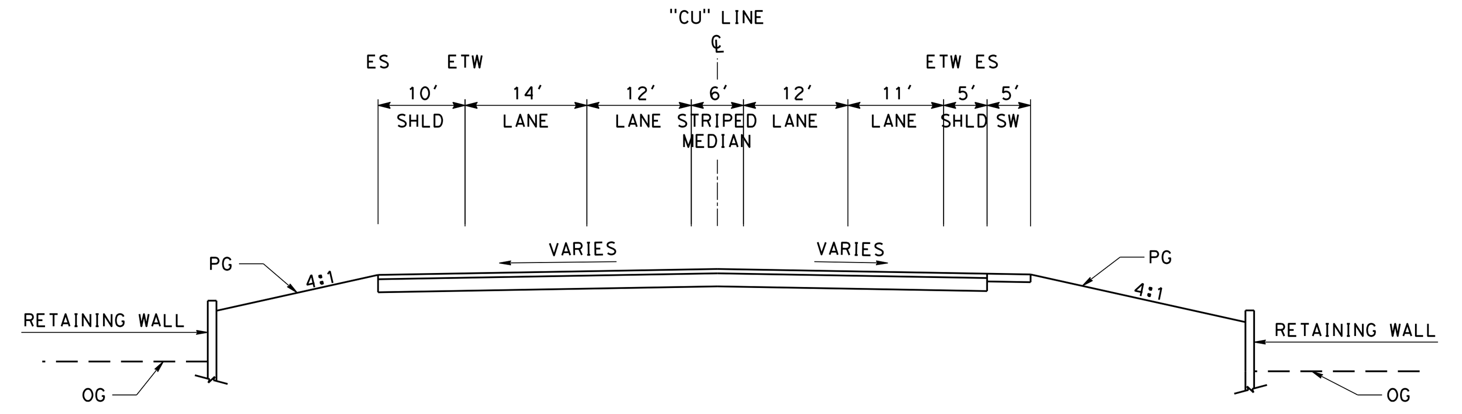
CURVE DATA "CU" LINE				
NO.	R	Δ	L	T
1	3000	17°24'48.25"	911.764	459.424

NOTE:

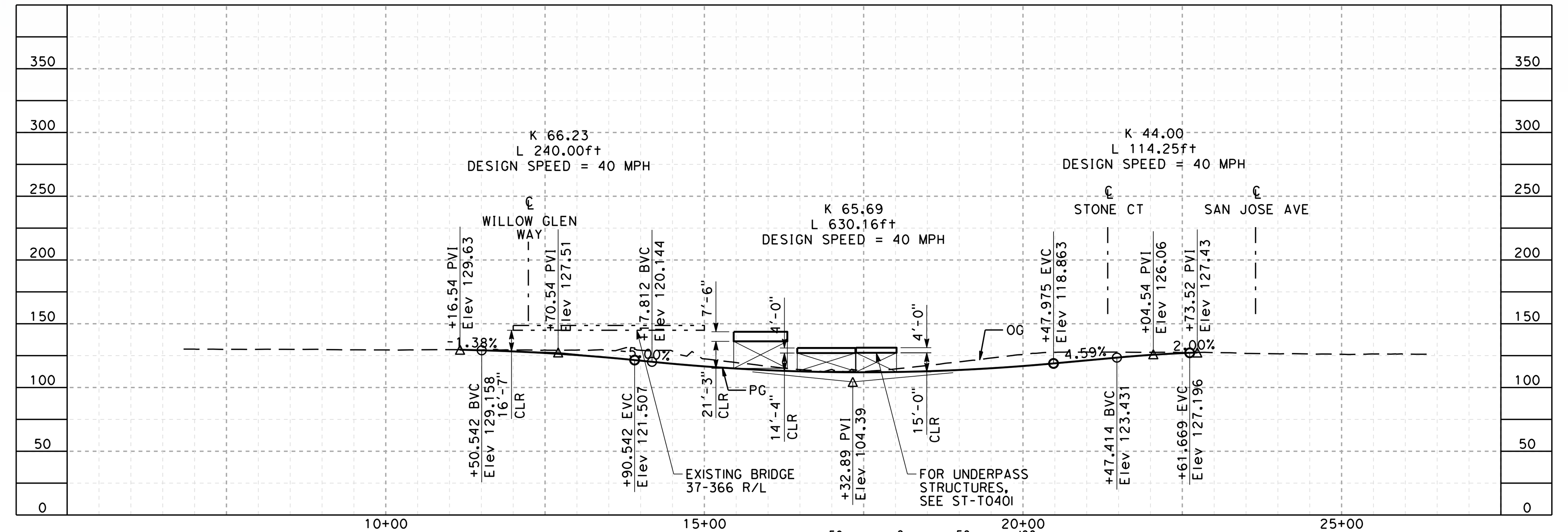
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



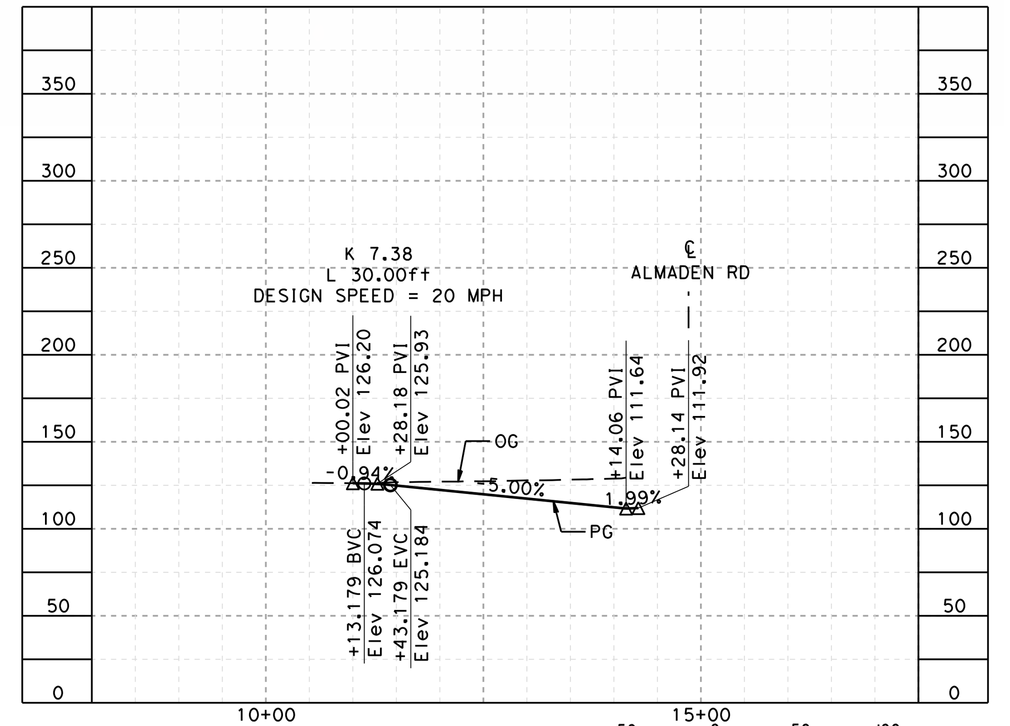
ALMADEN RD TYPICAL SECTION
SCALE: 1"=20'
ALMADEN RD STA 7+67.67 to ALMADEN RD STA 22+47.36



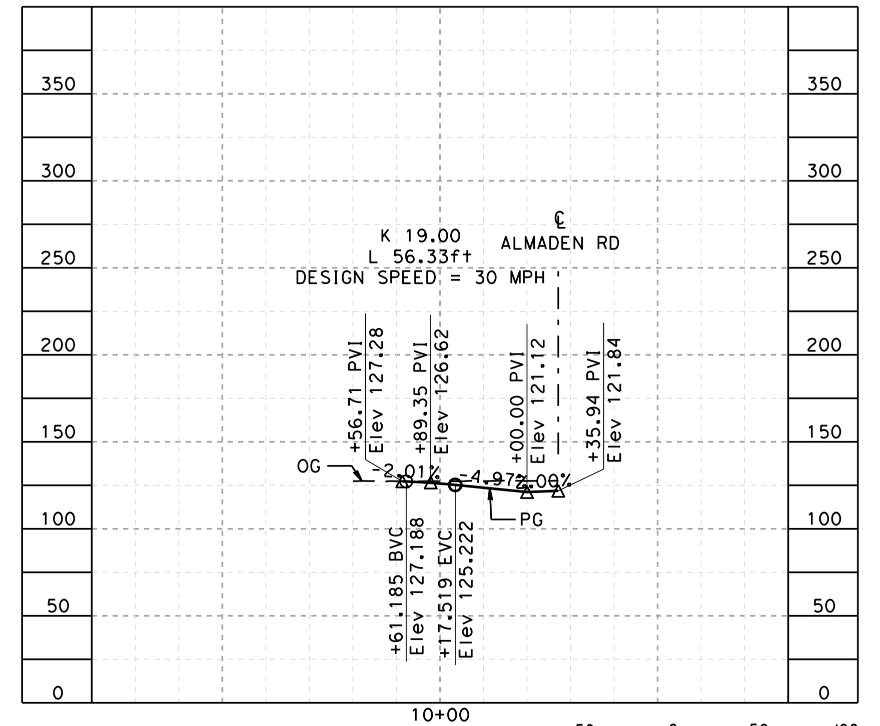
CURTNER AVE TYPICAL SECTION
SCALE: 1"=20'
CURTNER AVE STA 29+00.00 to CURTNER AVE STA 42+75.00



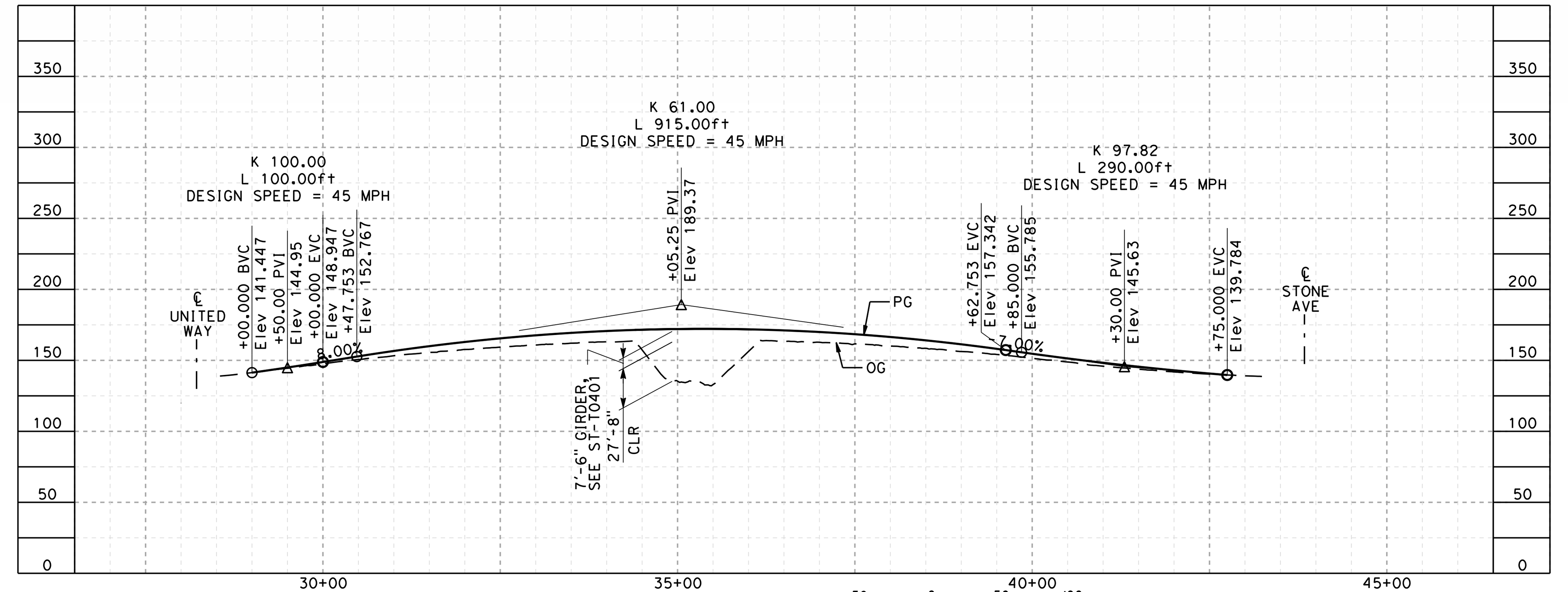
PROFILE - ALMADEN RD
SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - "WG"
SCALE: 1"=200' HOR, 1"=100' VERT



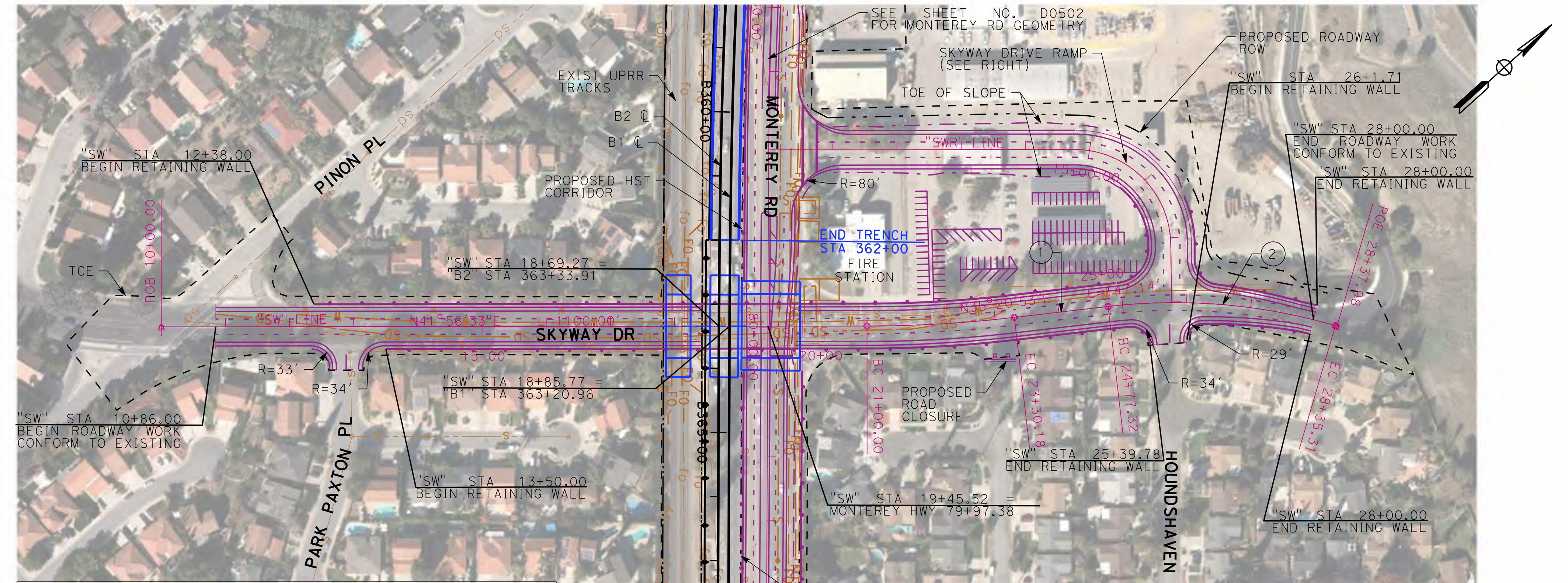
PROFILE - "ST"
SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - CURTNER AVE
SCALE: 1"=200' HOR, 1"=100' VERT

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 120 OF 285

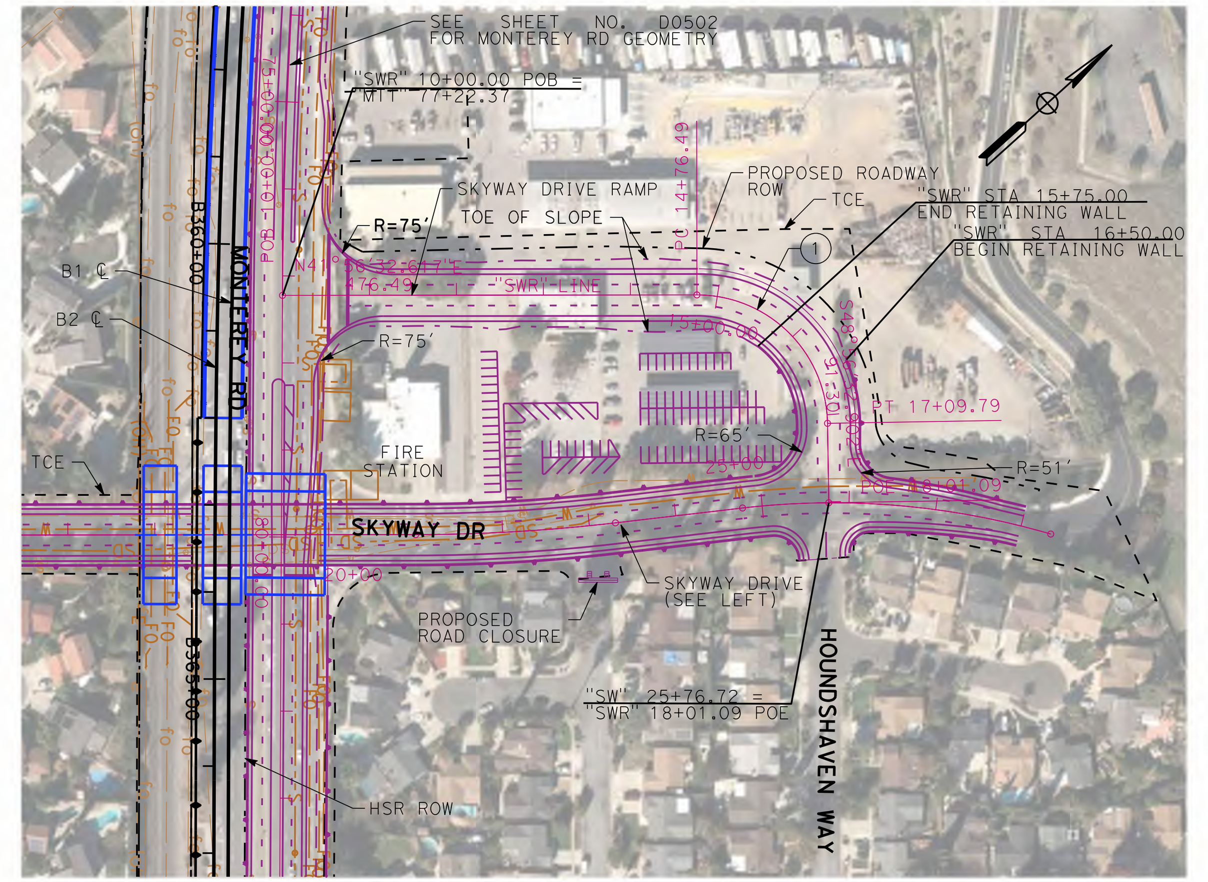
2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	**CALIFORNIA HIGH-SPEED TRAIN PROJECT** **SAN JOSE TO MERCED** MONTEREY CORRIDOR VIADUCT/AT-GRADE GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS ALMADEN ROAD AND CURTNER AVENUE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0402 SCALE AS SHOWN SHEET NO.



CURVE DATA "SW"				
NO.	R	Δ	L	T
1	2000	6°35'39.13"	230.181	115.218
2	893	22°58'08.77"	357.992	181.432

PLAN- SKYWAY DRIVE "SW" DESIGN VARIANT A

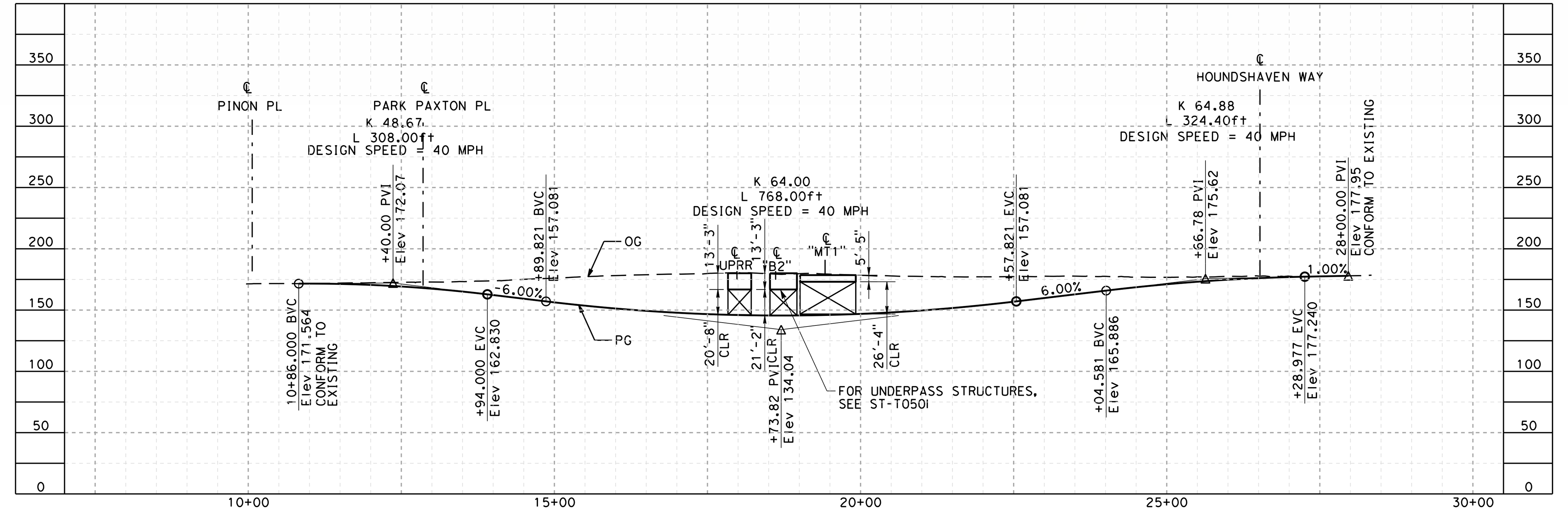
SCALE: 1"=200'



PLAN- SKYWAY DRIVE RAMP "SWR"

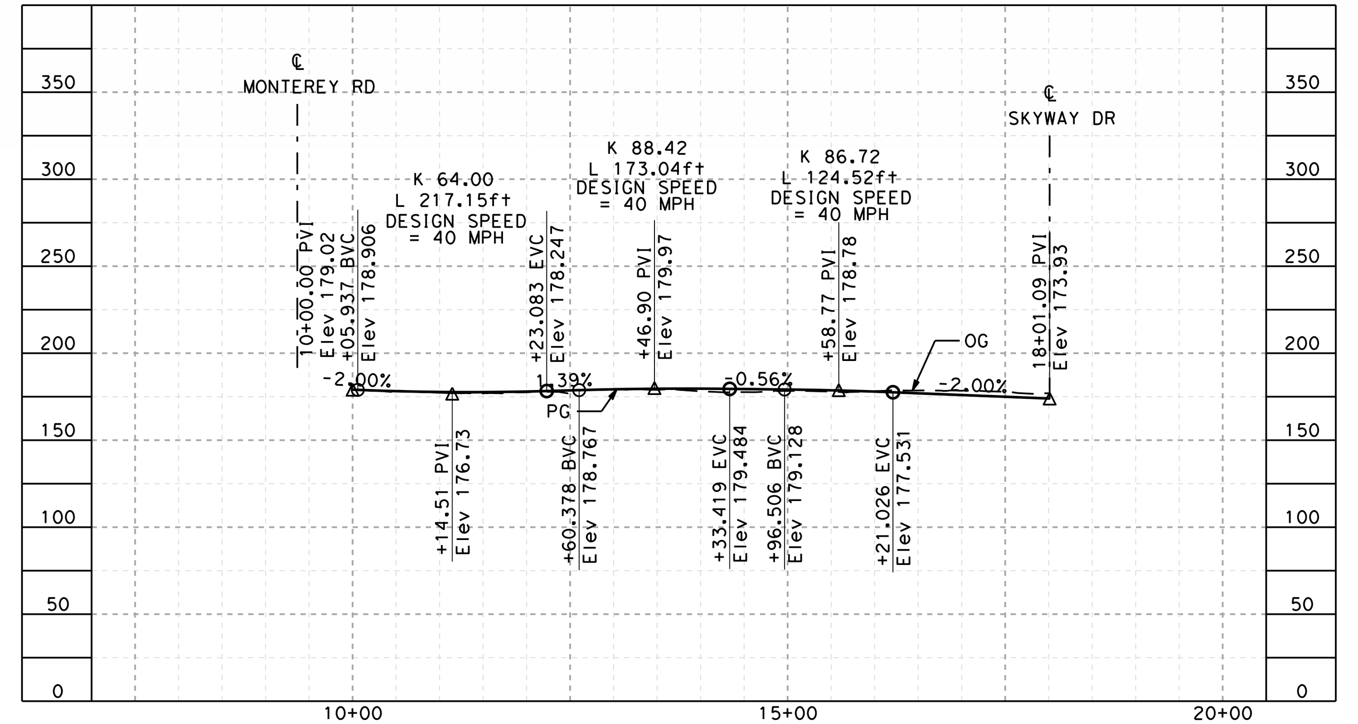
SCALE: 1"=200'

CURVE DATA "SWR"				
NO.	R	Δ	L	T
1	150	89°06'54.48"	233.303	147.701



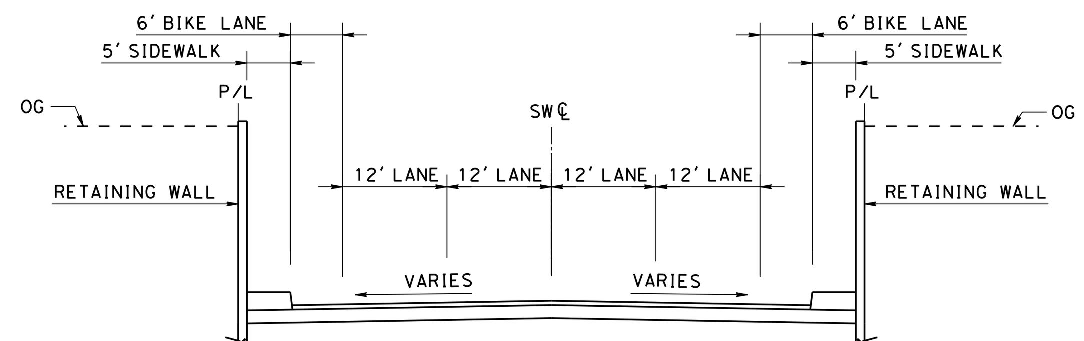
PROFILE - SKYWAY DRIVE "SW" DESIGN VARIANT A

SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - SKYWAY DRIVE RAMP "SWR"

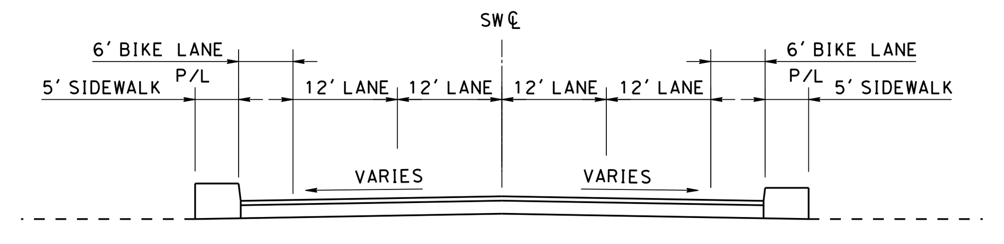
SCALE: 1"=200' HOR, 1"=100' VERT



SKYWAY DRIVE TYPICAL SECTION

SCALE: 1"=20'

"SW" STA 13+50.00 to "SW" STA 28+00.00



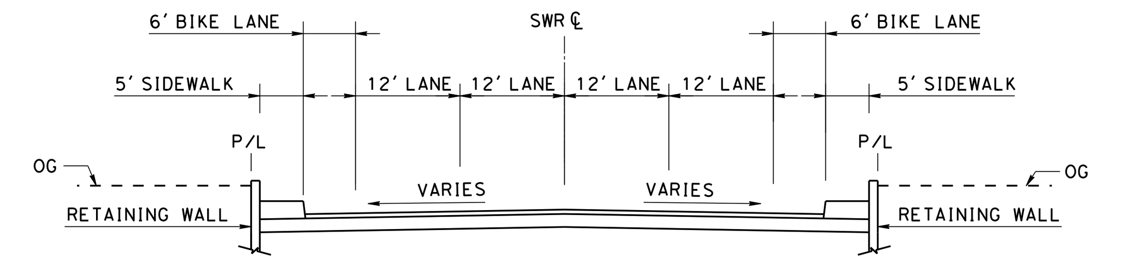
SKYWAY DRIVE TYPICAL SECTION

SCALE: 1"=20'

"SW" STA 10+86.00 to "SW" STA 13+50.00

NOTE:

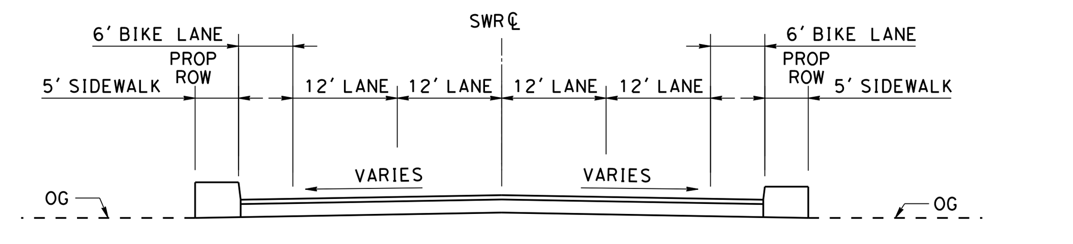
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



SKYWAY DRIVE RAMP TYPICAL SECTION

SCALE: 1"=20'

"SWR" STA 15+75.00 to "SWR" STA 18+01.09



SKYWAY DRIVE RAMP TYPICAL SECTION

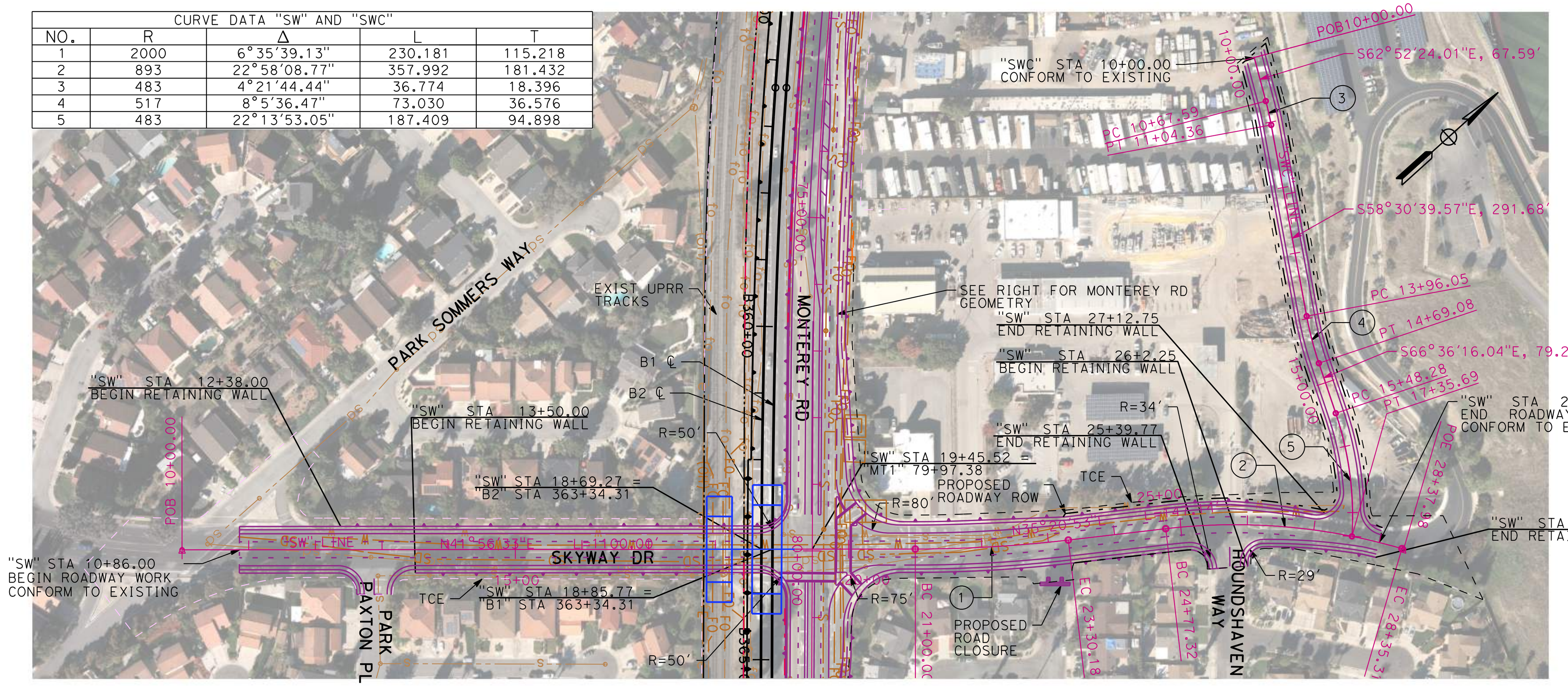
SCALE: 1"=20'

"SWR" STA 10+00.00 to "SWR" STA 15+75.00

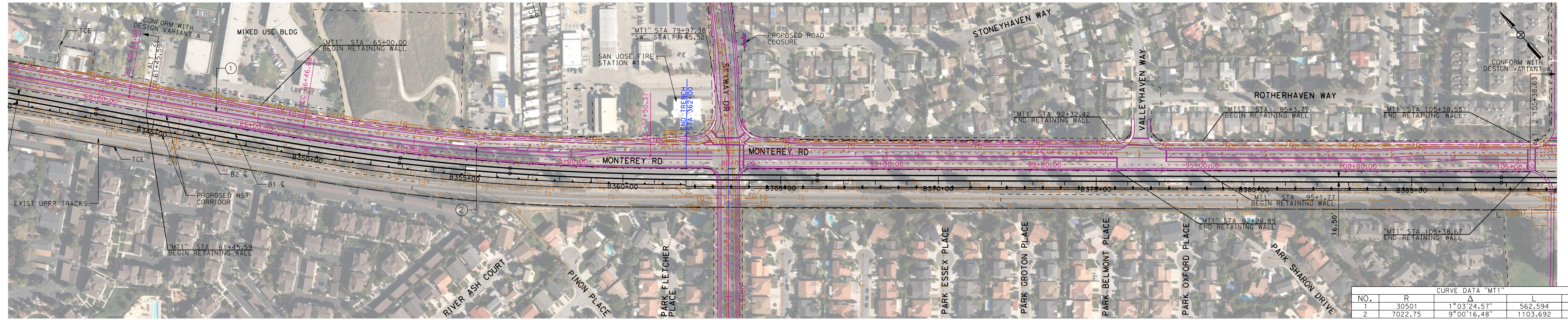
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 121 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS SKYWAY DRIVE - DESIGN VARIANT A	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0501 SCALE AS SHOWN SHEET NO.

CURVE DATA "SW" AND "SWC"				
NO.	R	Δ	L	T
1	2000	6°35'39.13"	230.181	115.218
2	893	22°58'08.77"	357.992	181.432
3	483	4°21'44.44"	36.774	18.396
4	517	8°5'36.47"	73.030	36.576
5	483	22°13'53.05"	187.409	94.898

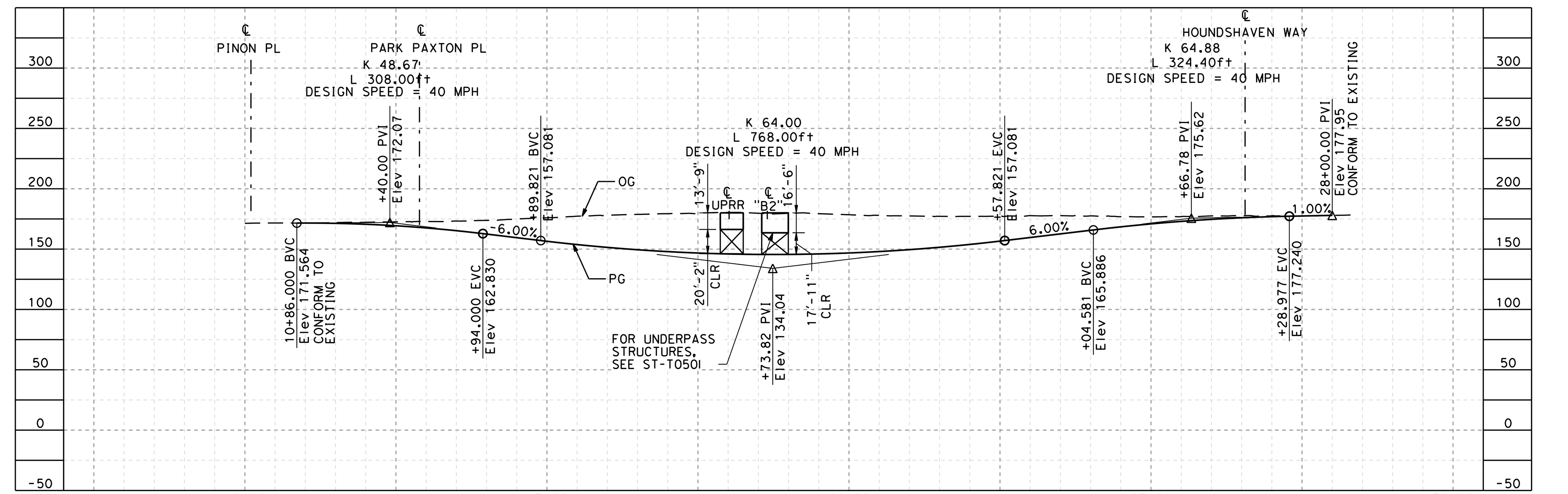


PLAN - SKYWAY DRIVE "SW" AND SKYWAY CONNECTOR "SWC" - DESIGN VARIANT B
SCALE: 1"=200'

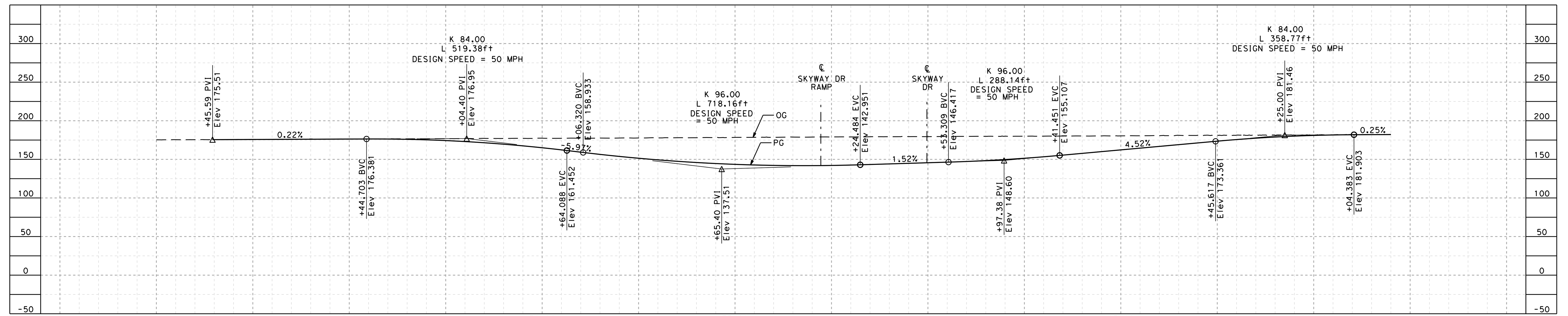


CURVE DATA "MT1"				
NO.	R	Δ	L	T
1	30501	1°03'24.57"	562.594	281.305
2	7022.75	9°00'16.48"	1103.692	552.985

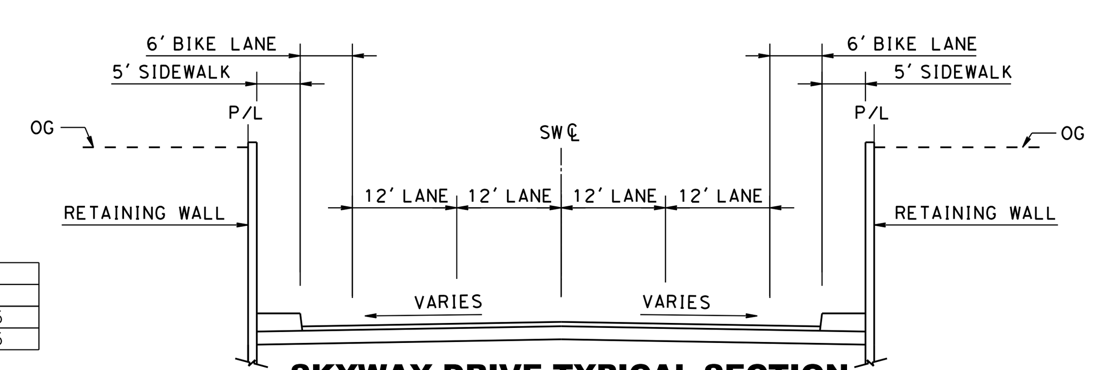
PLAN - MONTEREY RD AT SKYWAY DRIVE "MT1"
SCALE: 1"=200'



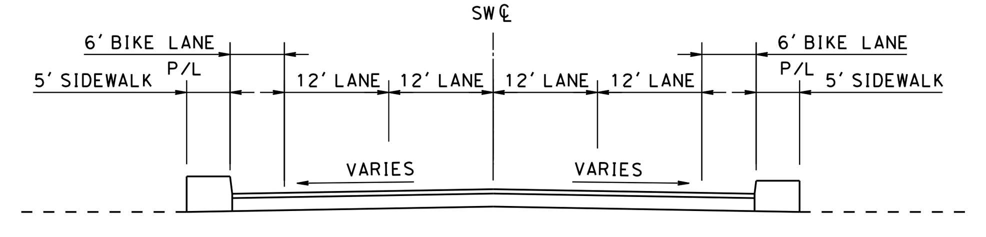
PROFILE - SKYWAY DRIVE "SW" AND SKYWAY CONNECTOR "SWC" - DESIGN VARIANT B
SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - MONTEREY RD AT SKYWAY DRIVE "MT1"
SCALE: 1"=200' HOR, 1"=100' VERT



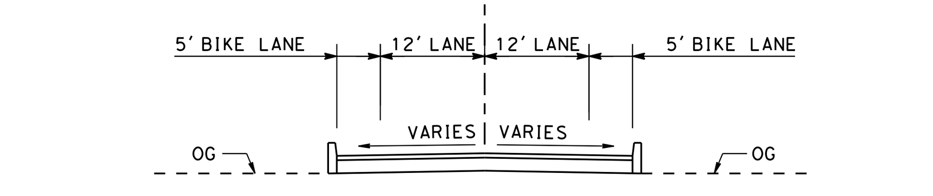
SKYWAY DRIVE TYPICAL SECTION
SCALE: 1"=20'
"SW" STA 13+50.00 to "SW" STA 28+00.00



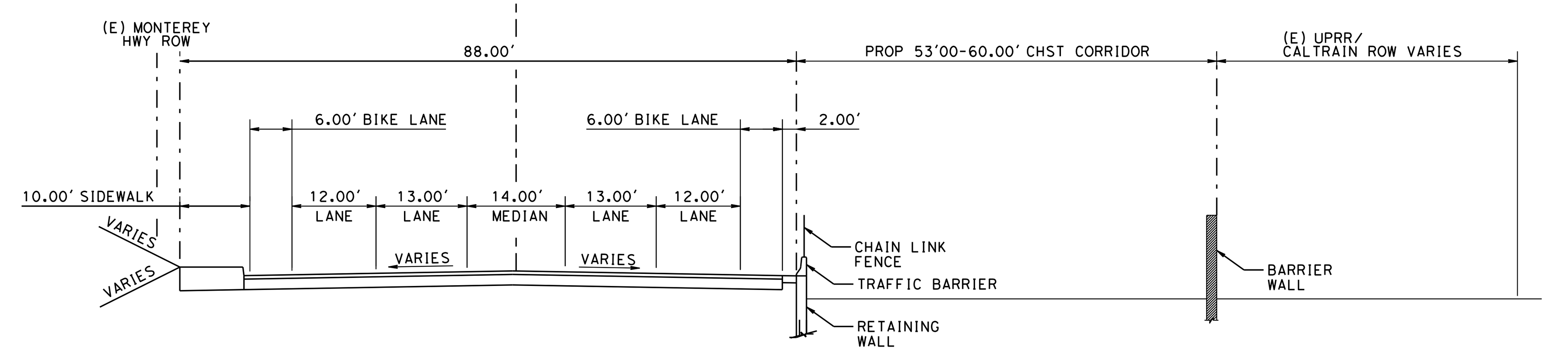
SKYWAY DRIVE TYPICAL SECTION
SCALE: 1"=20'
"SW" STA 10+86.00 to "SW" STA 13+50.00

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



SKYWAY CONNECTOR TYPICAL SECTION
SCALE: 1"=20'
"SWC" STA 10+00.00 TO "SWC" STA 17+35.69



MONTEREY HIGHWAY TYPICAL SECTION
SCALE: 1"=20'
"MT1" STA 34+00.00 TO "MT1" STA 40+67.28
"MT1" STA 46+45.34 TO "MT1" STA 95+00.00

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 122 OF 285

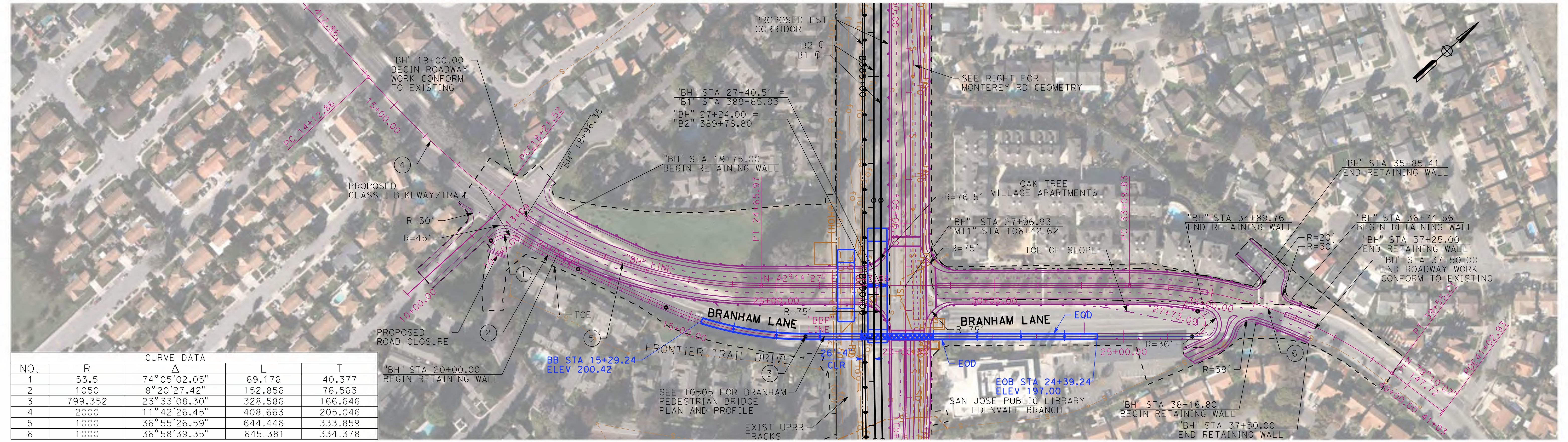
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB 1111 Broadway 9th Floor Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

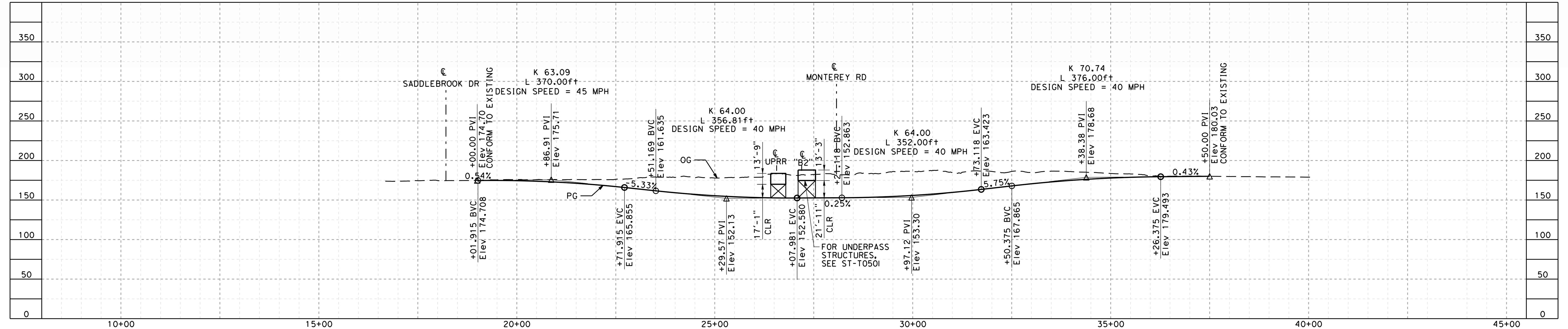
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MONTEREY CORRIDOR
AT-GRADE
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
SKYWAY DRIVE - DESIGN VARIANT B

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T0502
SCALE	AS SHOWN
SHEET NO.	

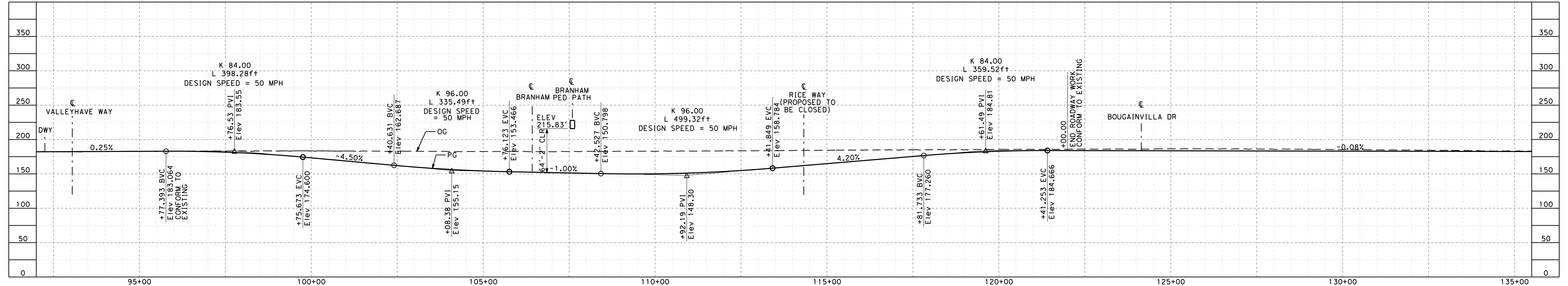


PLAN - BRANHAM LANE "BH"
SCALE: 1"=200'

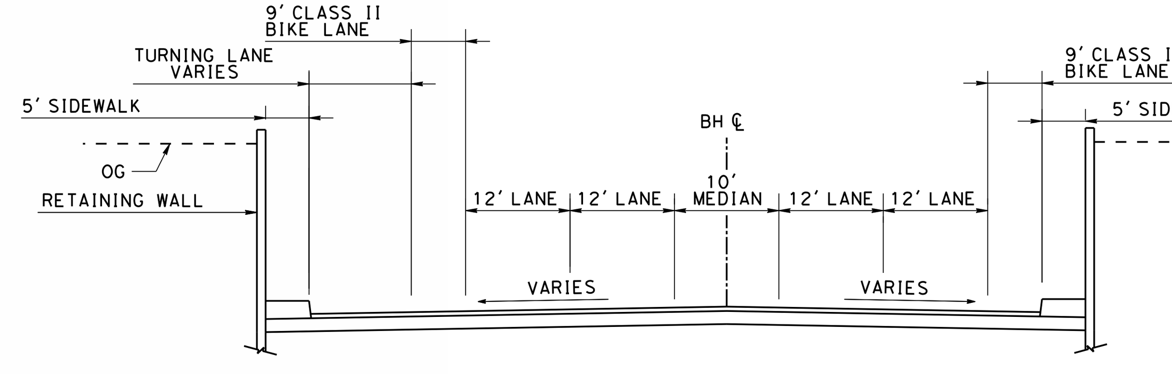
PLAN - MONTEREY AT BRANHAM LANE "MT1"
SCALE: 1"=200'



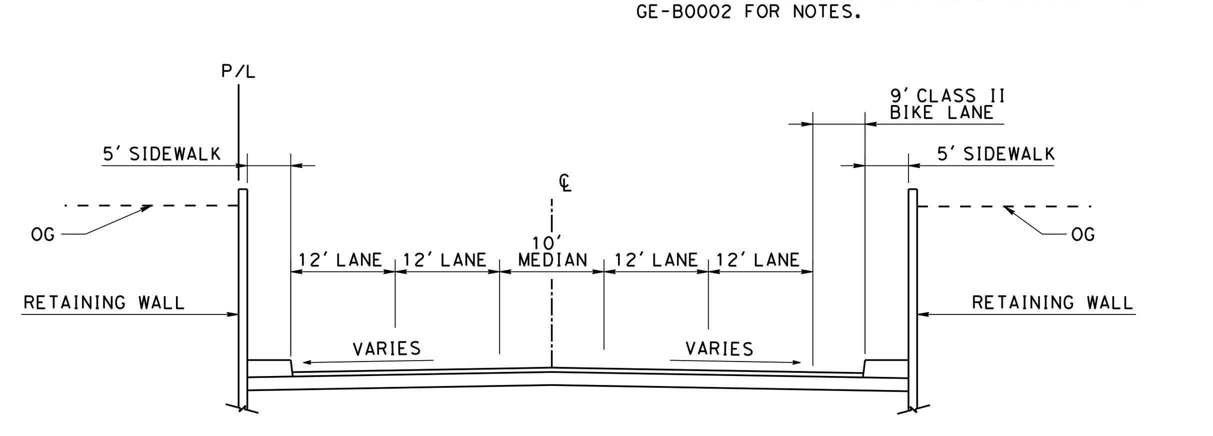
PROFILE - BRANHAM LANE "BH"
SCALE: 1"=200' HOR, 1"=100' VERT



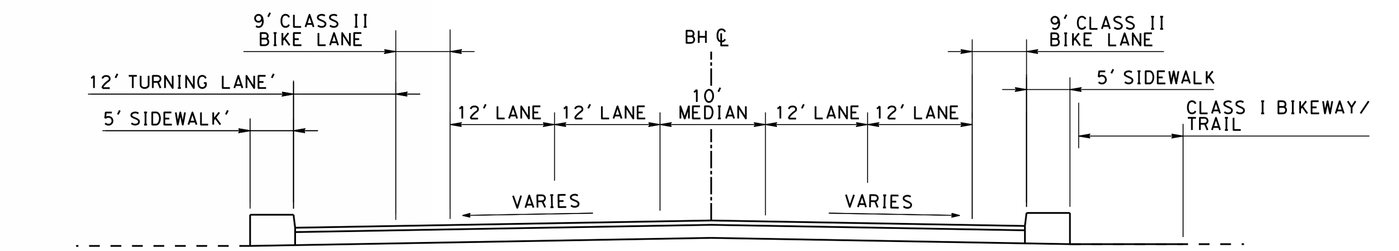
PROFILE - MONTEREY AT BRANHAM LANE "MT1"
SCALE: 1"=200' HOR, 1"=100' VERT



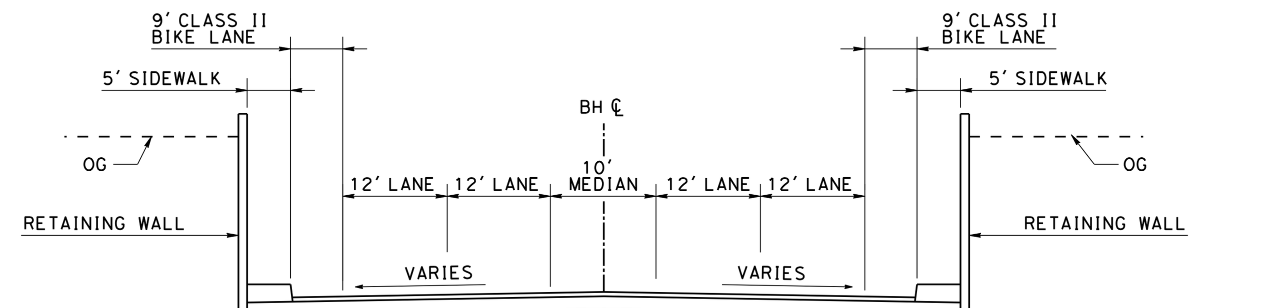
BRANHAM LANE TYPICAL SECTION
SCALE: 1"=20'
"BH" STA 19+75.00 TO "BH" STA 21+97.66



BRANHAM LANE TYPICAL SECTION
SCALE: 1"=20'
"BH" STA 28+50.00 TO "BH" STA 37+50.00



BRANHAM LANE TYPICAL SECTION
SCALE: 1"=20'
"BH" STA 18+96.35 TO "BH" STA 19+75.00



BRANHAM LANE TYPICAL SECTION
SCALE: 1"=20'
"BH" STA 21+97.66 TO "BH" STA 27+50.00

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 123 OF 285

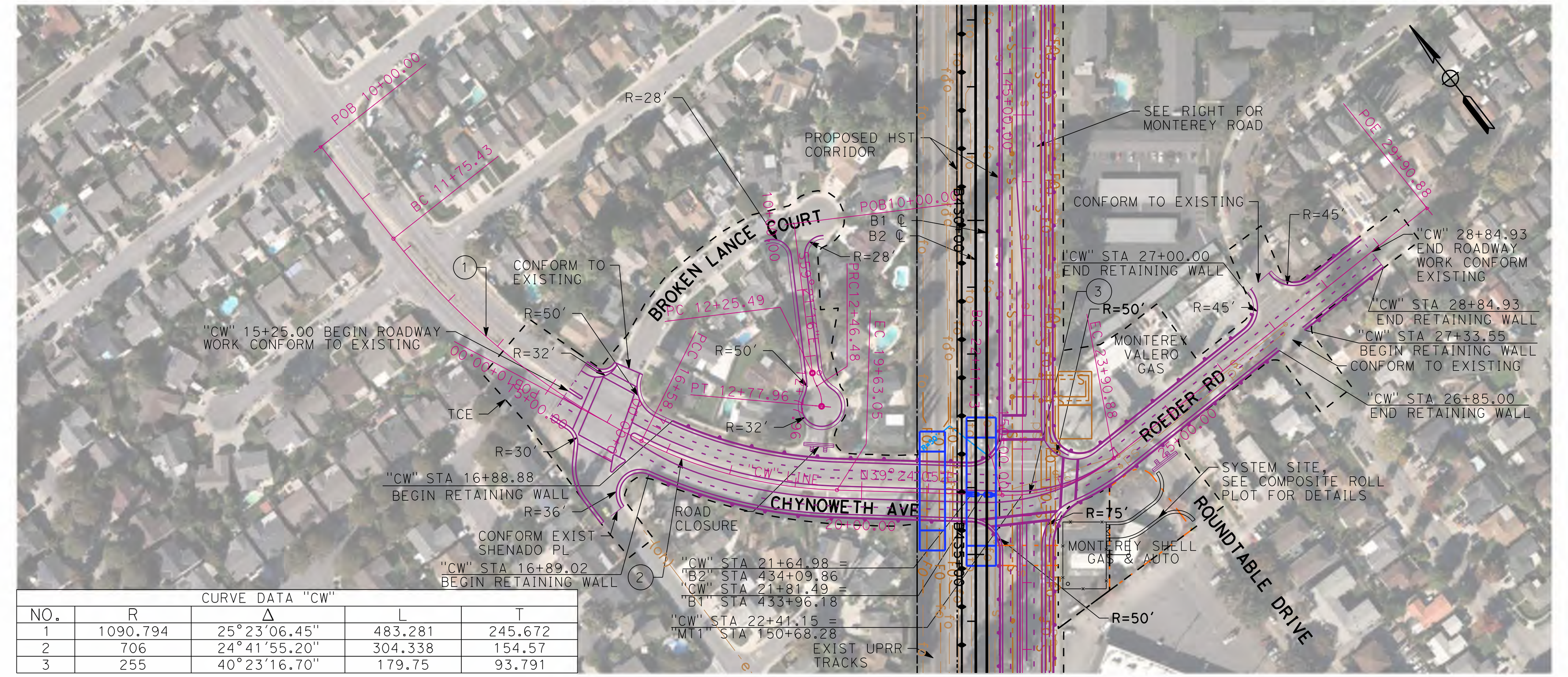
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

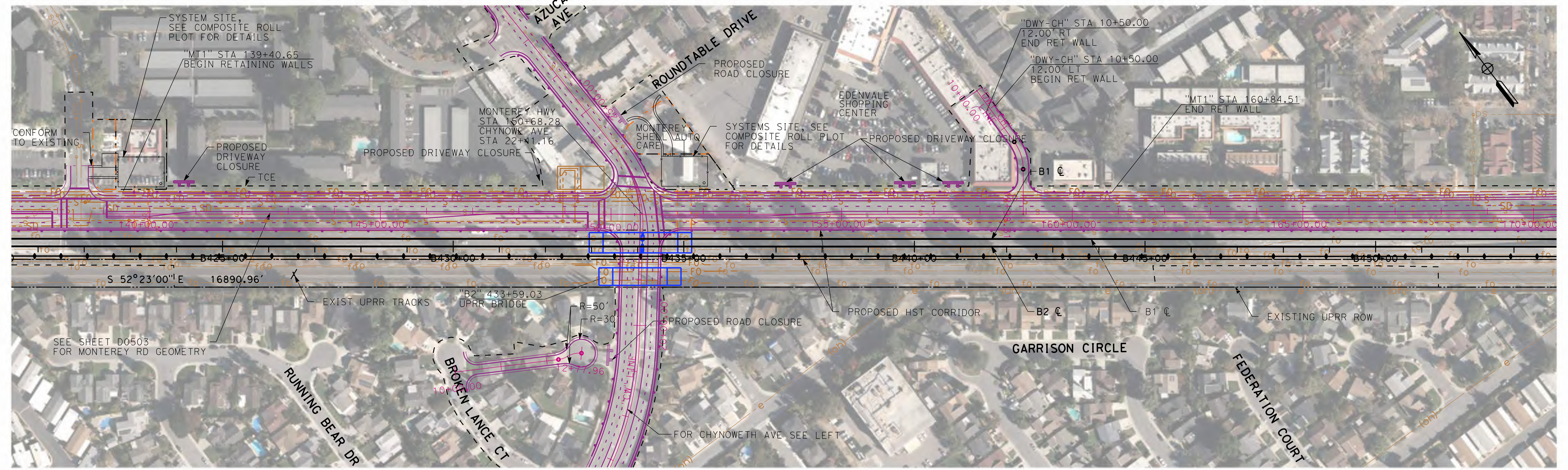
CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MONTEREY CORRIDOR
AT-GRADE
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
BRANHAM LANE

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T0503
SCALE	AS SHOWN
SHEET NO.	

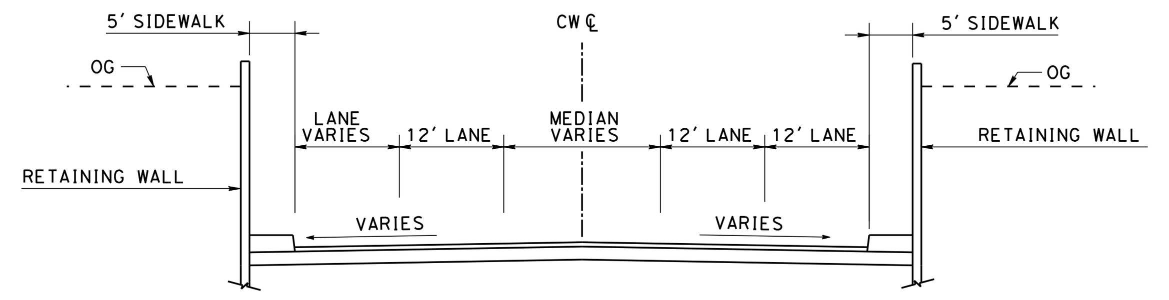


PLAN - CHYNOWETH AVE "CW"
SCALE: 1"=200'

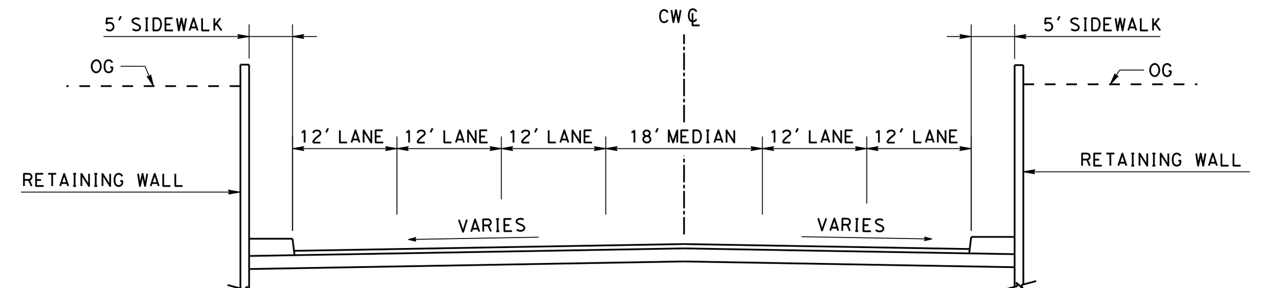


PLAN - MONTEREY AT CHYNOWETH AVE "MT1"
SCALE: 1"=200'

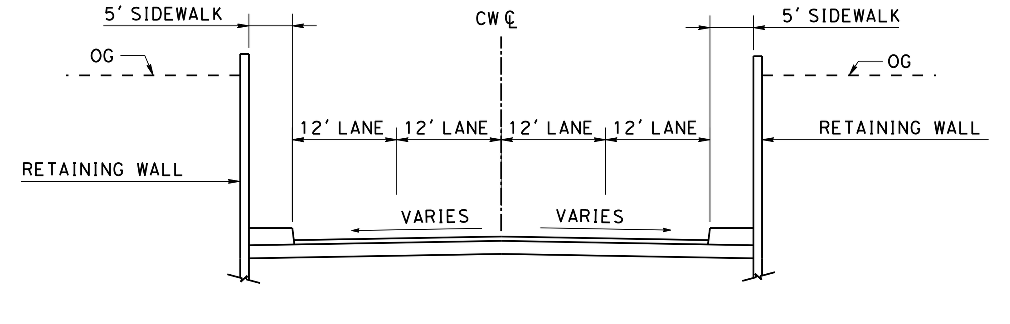
NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



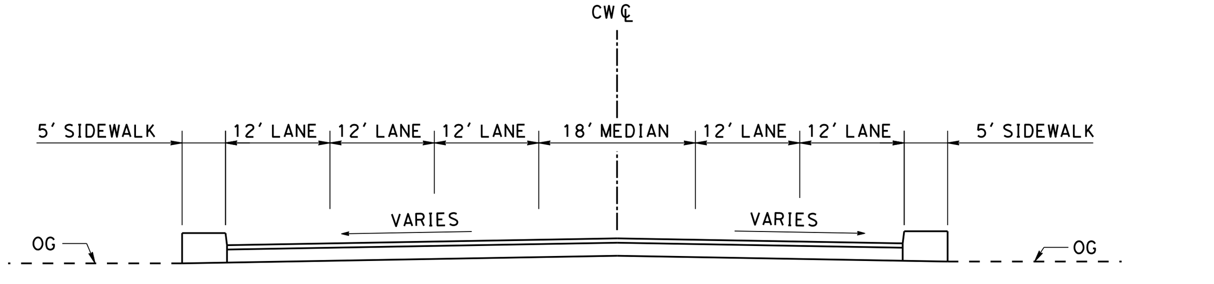
CHYNOWETH AVE TYPICAL SECTION
SCALE: 1"=20'
"CW" STA 23+13.00 TO "CW" STA 23+90.88



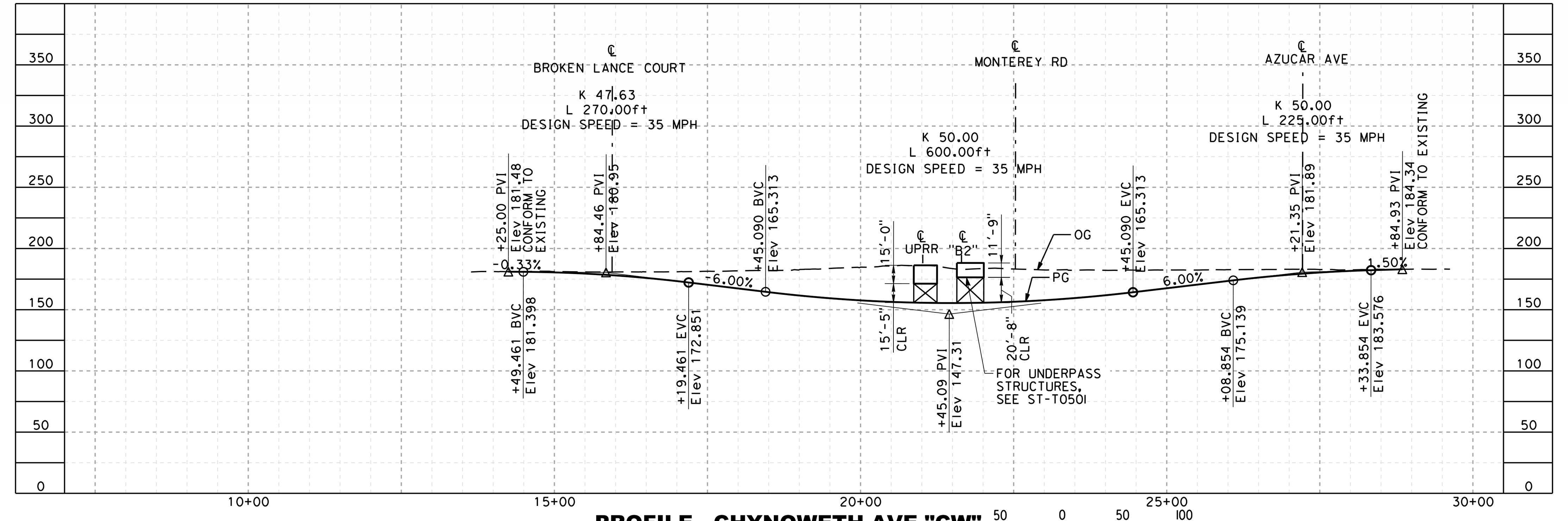
CHYNOWETH AVE TYPICAL SECTION
SCALE: 1"=20'
"CW" STA 16+88.88 TO "CW" STA 22+00.00



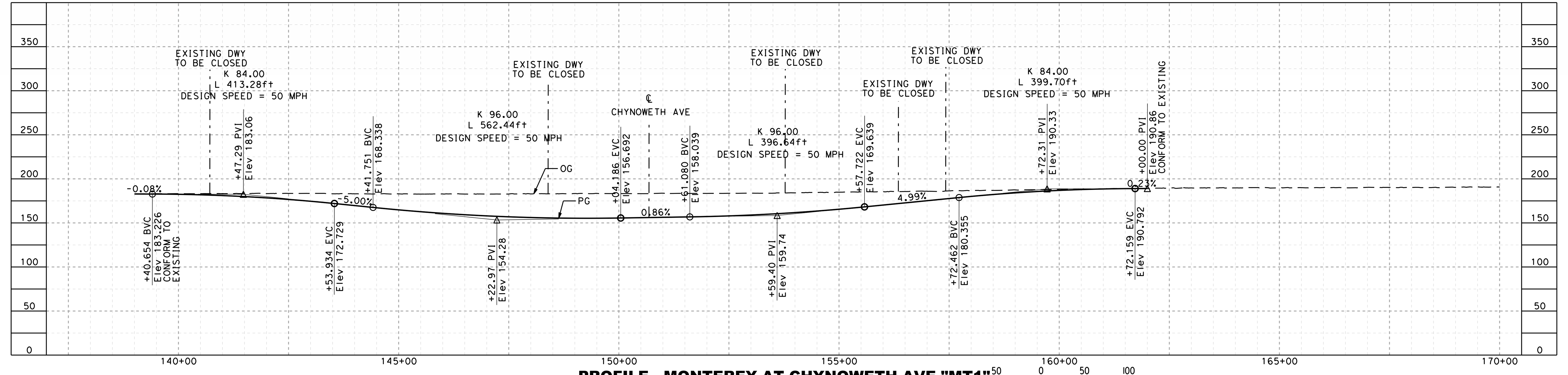
CHYNOWETH AVE TYPICAL SECTION
SCALE: 1"=20'
"CW" STA 23+90.88 TO "CW" STA 28+91.46



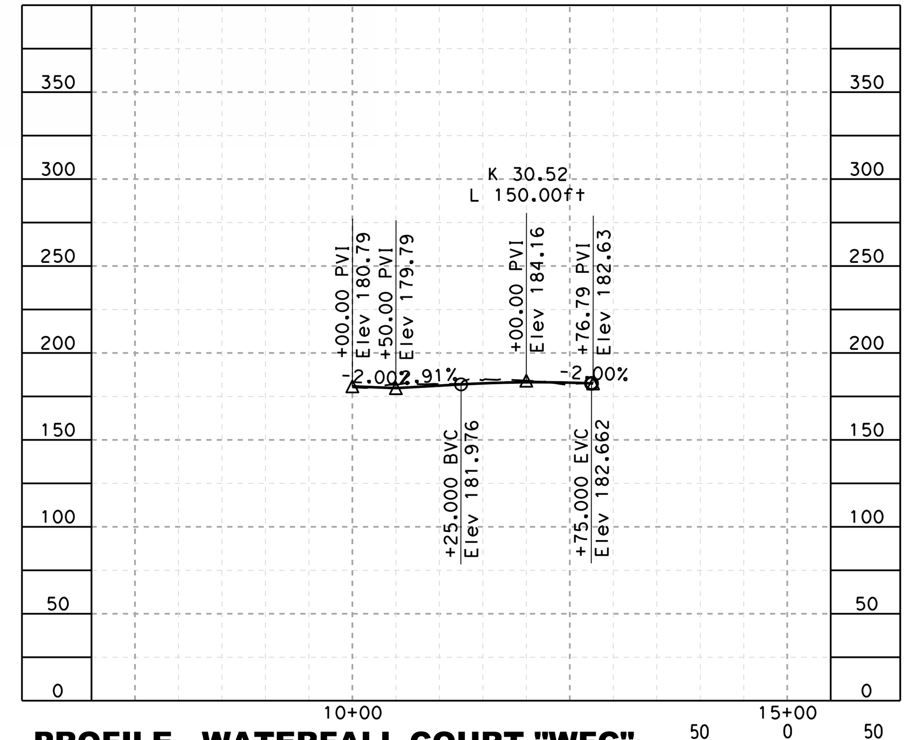
CHYNOWETH AVE TYPICAL SECTION
SCALE: 1"=20'
"CW" STA 15+25.48 TO "CW" STA 16+88.88



PROFILE - CHYNOWETH AVE "CW"
SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - MONTEREY AT CHYNOWETH AVE "MT1"
SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - WATERFALL COURT "WFC"
SCALE: 1"=200' HOR, 1"=100' VERT

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 124 OF 285

2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

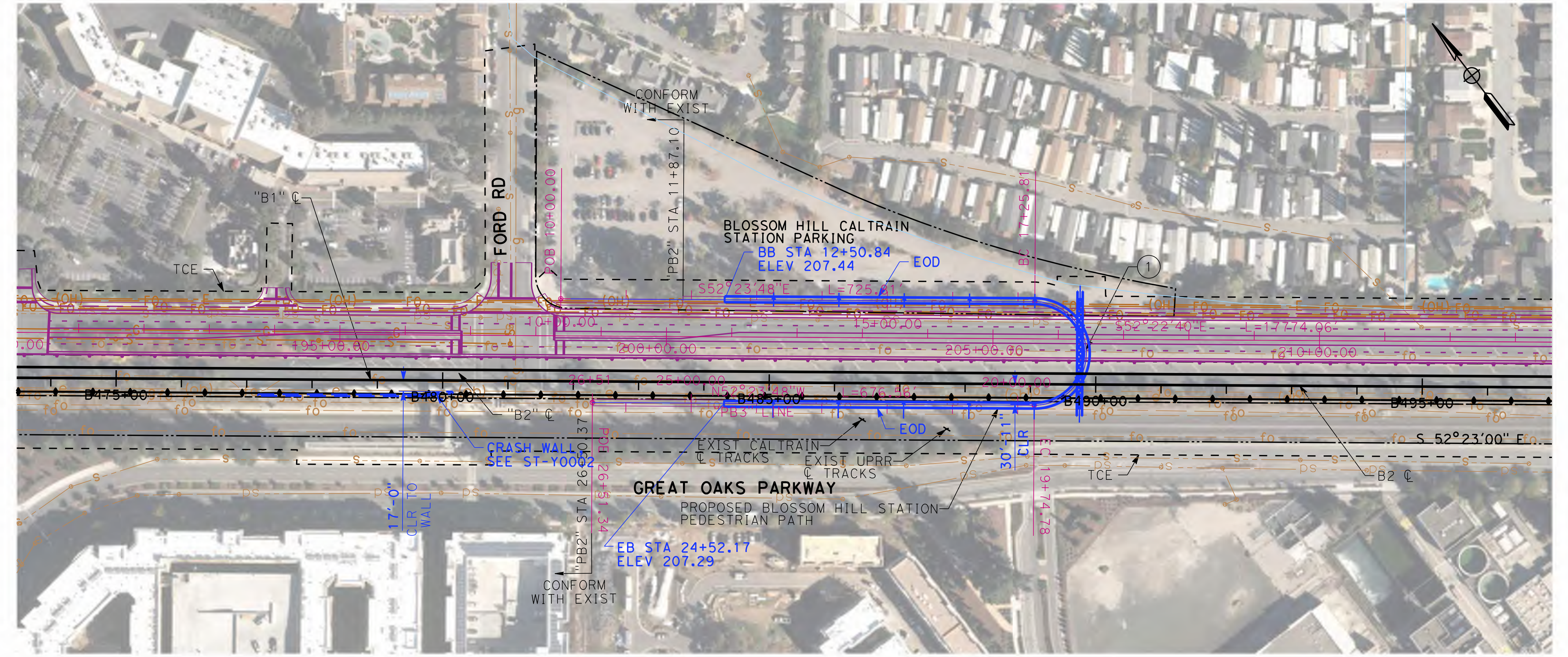
HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

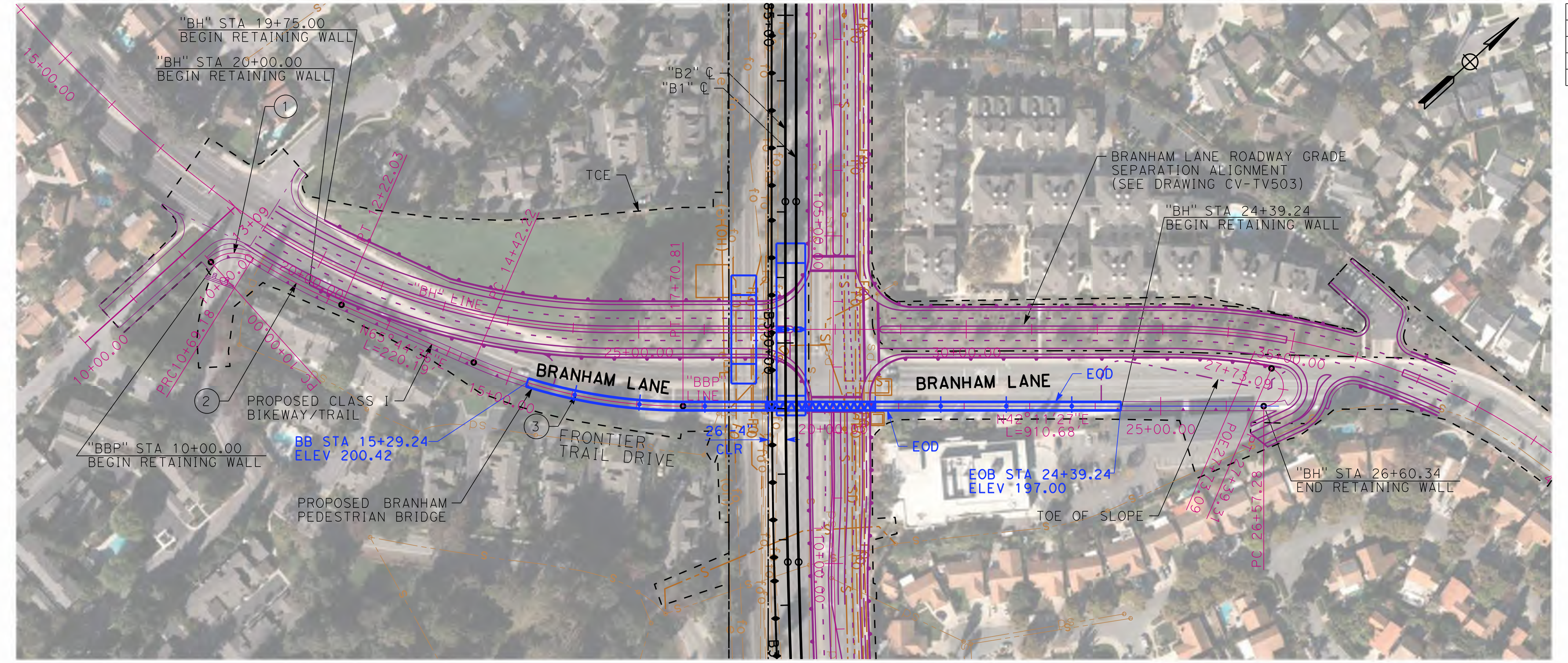
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MONTEREY CORRIDOR
AT-GRADE
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
CHYNOWETH AVE

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T0504
SCALE	AS SHOWN
SHEET NO.	

CURVE DATA "PB3"				
NO.	R	Δ	L	T
1	79.25	180°00'00.00"	248.971	-1

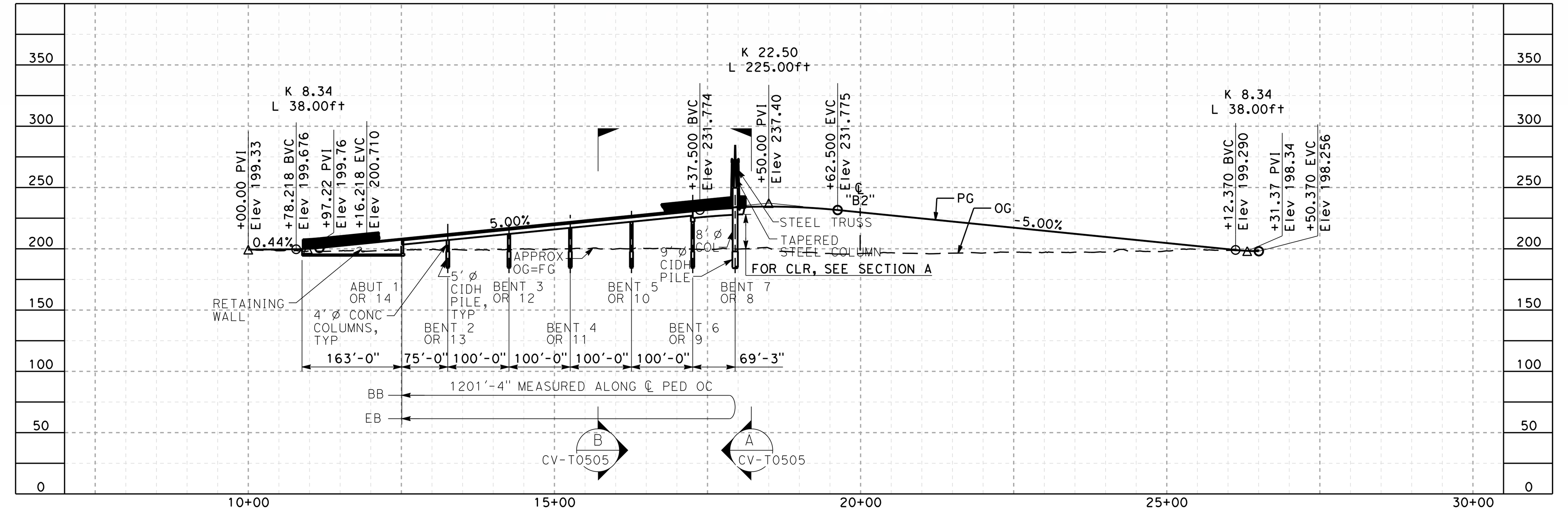


PLAN - BLOSSOM HILL STATION PED. PATH "PB3"
SCALE: 1"=200'

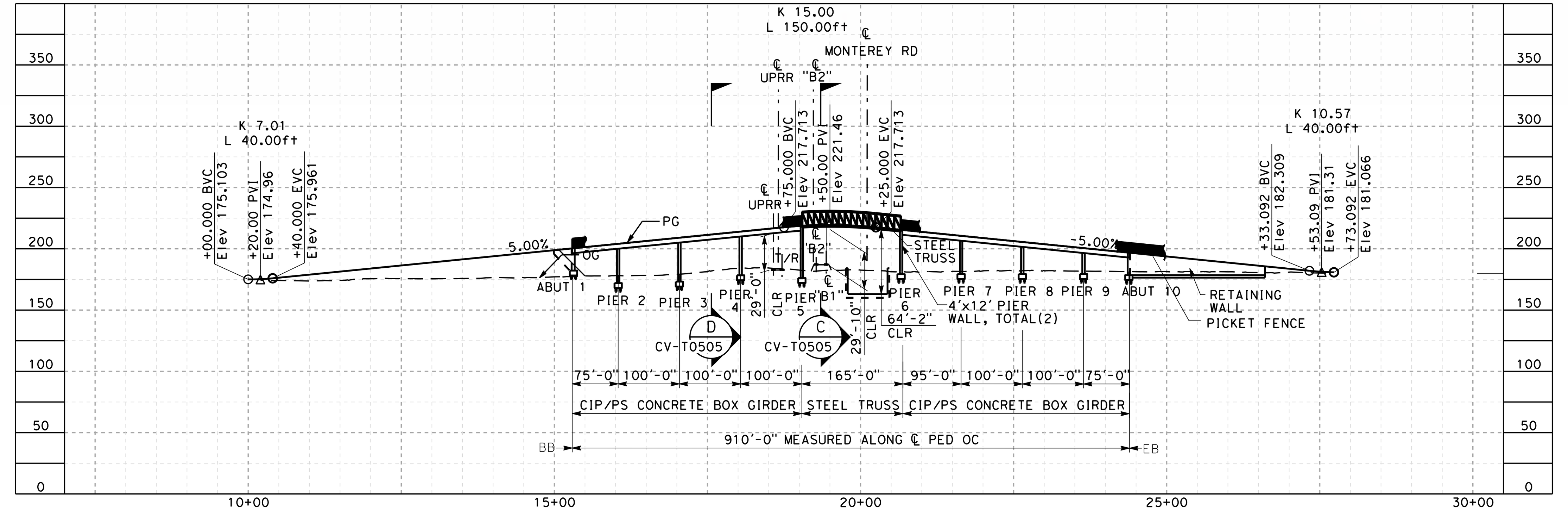


PLAN - BRANHAM LN PED. PATH "BBP"
SCALE: 1"=200'

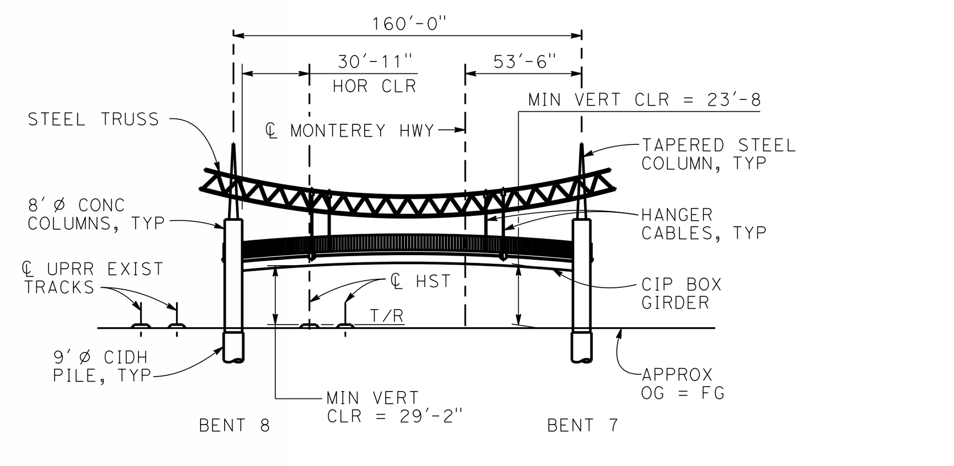
CURVE DATA "BBP"				
NO.	R	Δ	L	T
1	53.5	74°05'02.05"	69.176	40.377
2	1050	8°20'27.42"	152.856	76.563
3	799.352	23°33'08.30"	328.586	166.646



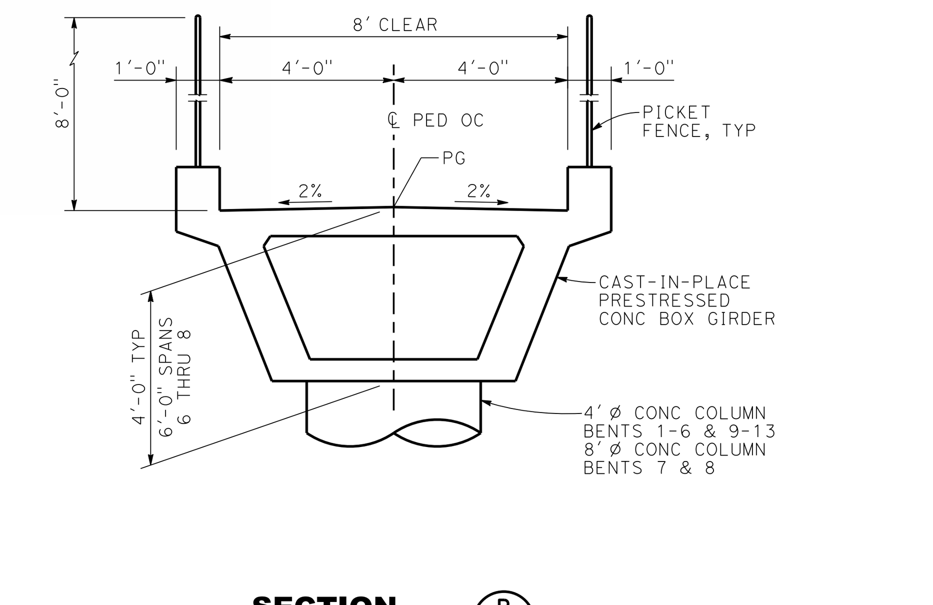
PROFILE - BLOSSOM HILL STATION PED. PATH "PB3"
SCALE: 1"=200' HOR, 1"=100' VERT



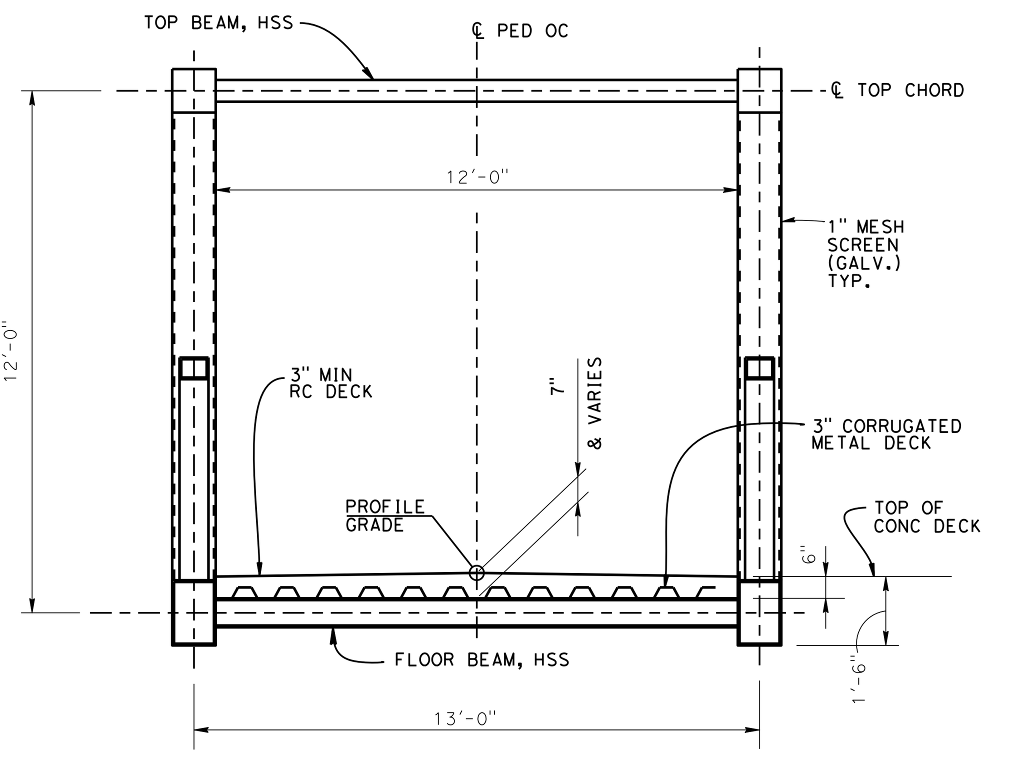
PROFILE - BRANHAM LN PED. PATH "BBP"
SCALE: 1"=200' HOR, 1"=100' VERT



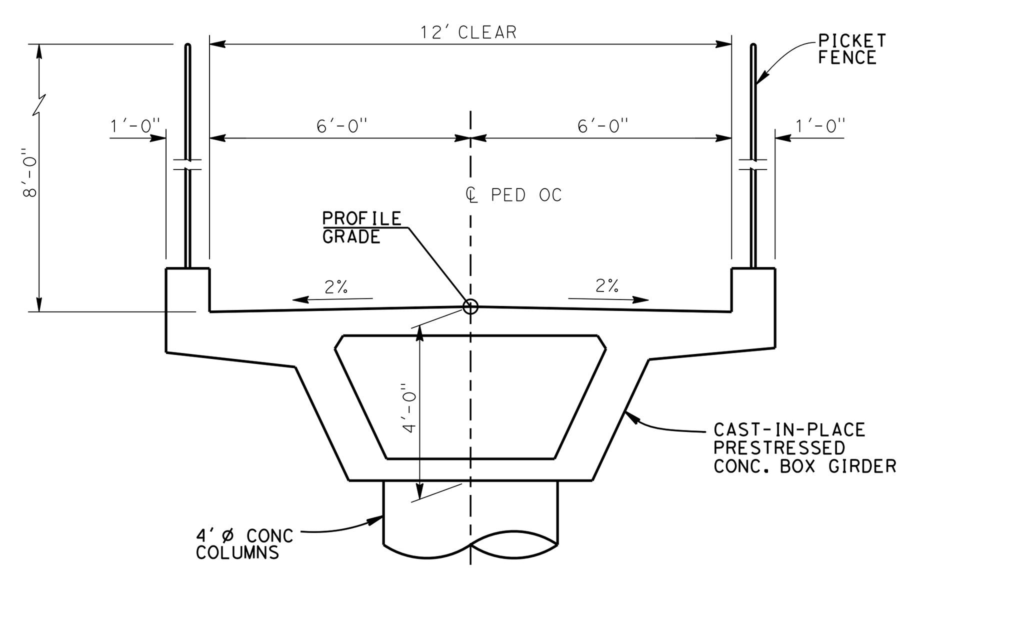
SECTION A
SCALE 1"=80'-0"



SECTION B
SCALE 1/4"=1'-0"



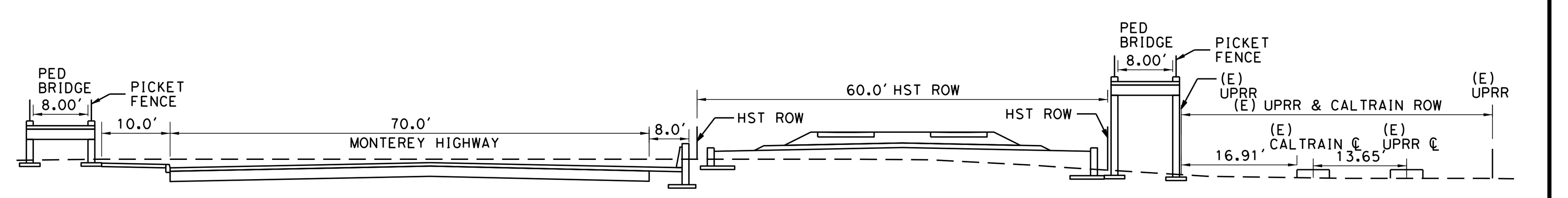
SECTION C
SCALE 1/4"=1'-0"



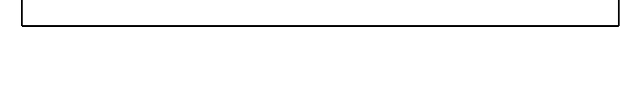
SECTION D
SCALE 1/4"=1'-0"

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



BLOSSOM HILL CALTRAIN SECTION PEDESTRIAN BRIDGE TYPICAL SECTION
SCALE: 1"=20'
"PB3" STA 10+00.00 TO "PB3" STA 26+50.37



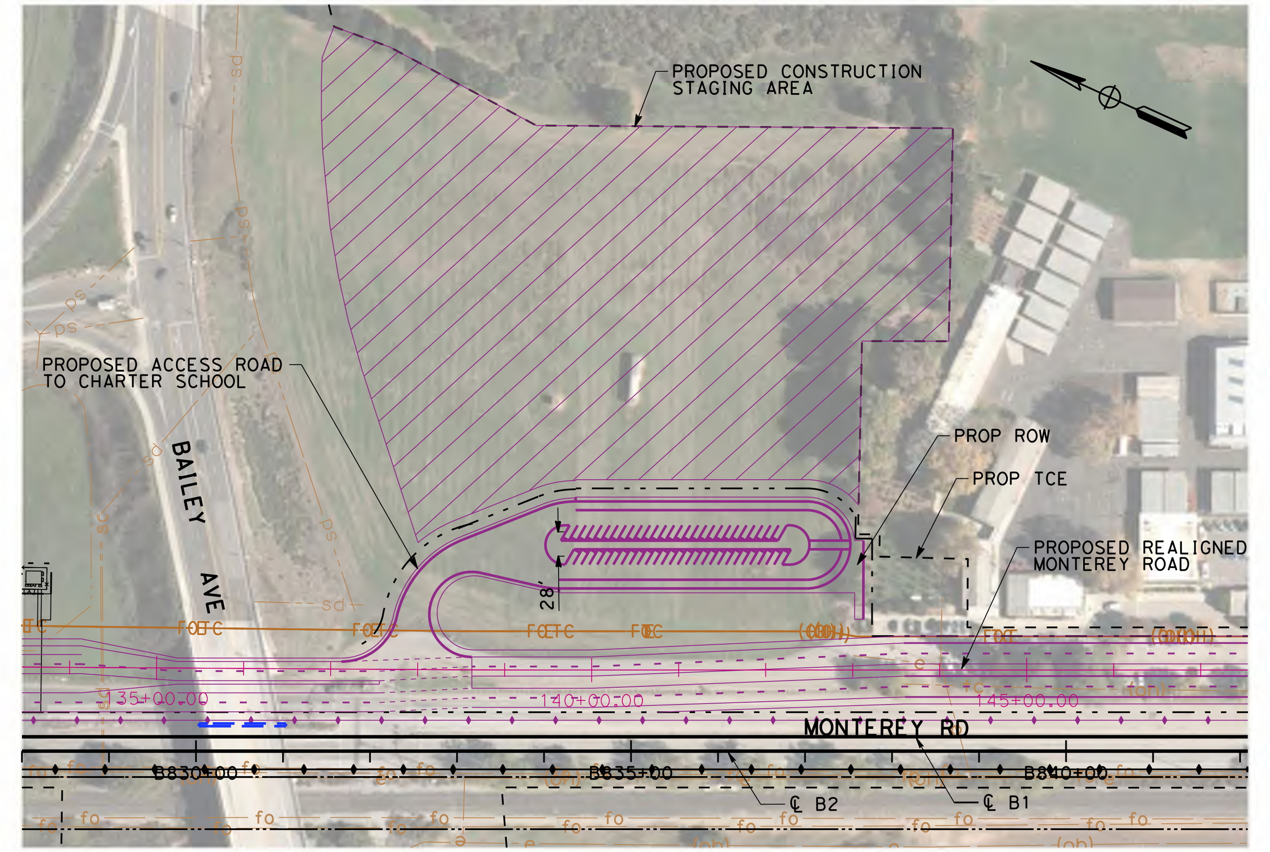
BRANHAM LANE CLASS I BIKEWAY/TRAIL TYPICAL SECTION
SCALE: 1"=20'
"BH" STA 10+00 TO "BH" STA 15+29
"BH" STA 24+39 TO "BH" STA 26+60

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 125 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MONTEREY CORRIDOR AT-GRADE GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS PED PATH - MULTIPLE LOCATIONS	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0505 SCALE AS SHOWN SHEET NO.

NOTE:

REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

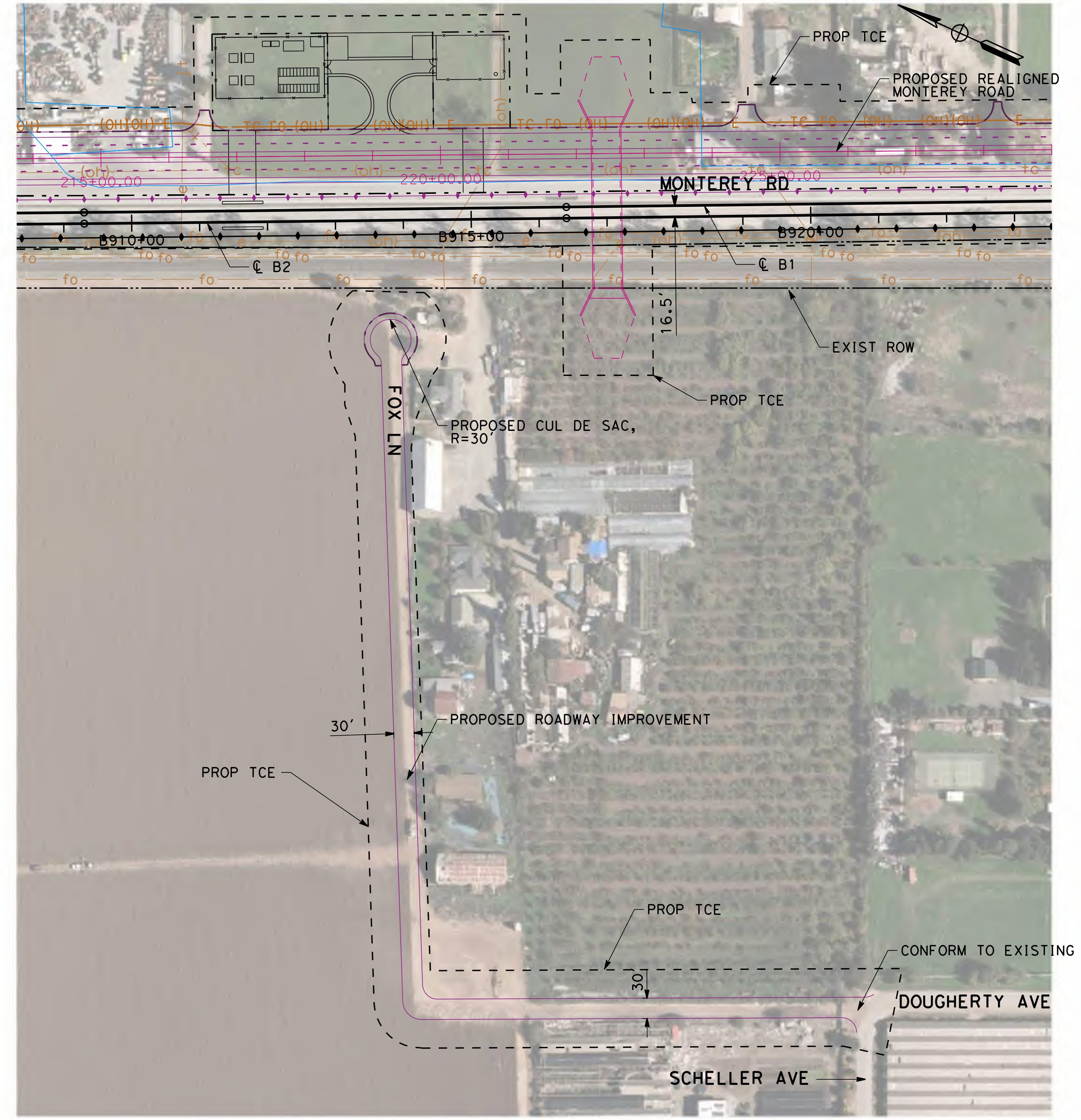


PLAN - ACCESS RD TO CHARTER SCHOOL AT STA B831+45 TO STA B838+70

SCALE: 1"=200'

100 0 100 200

1"=200' HOR

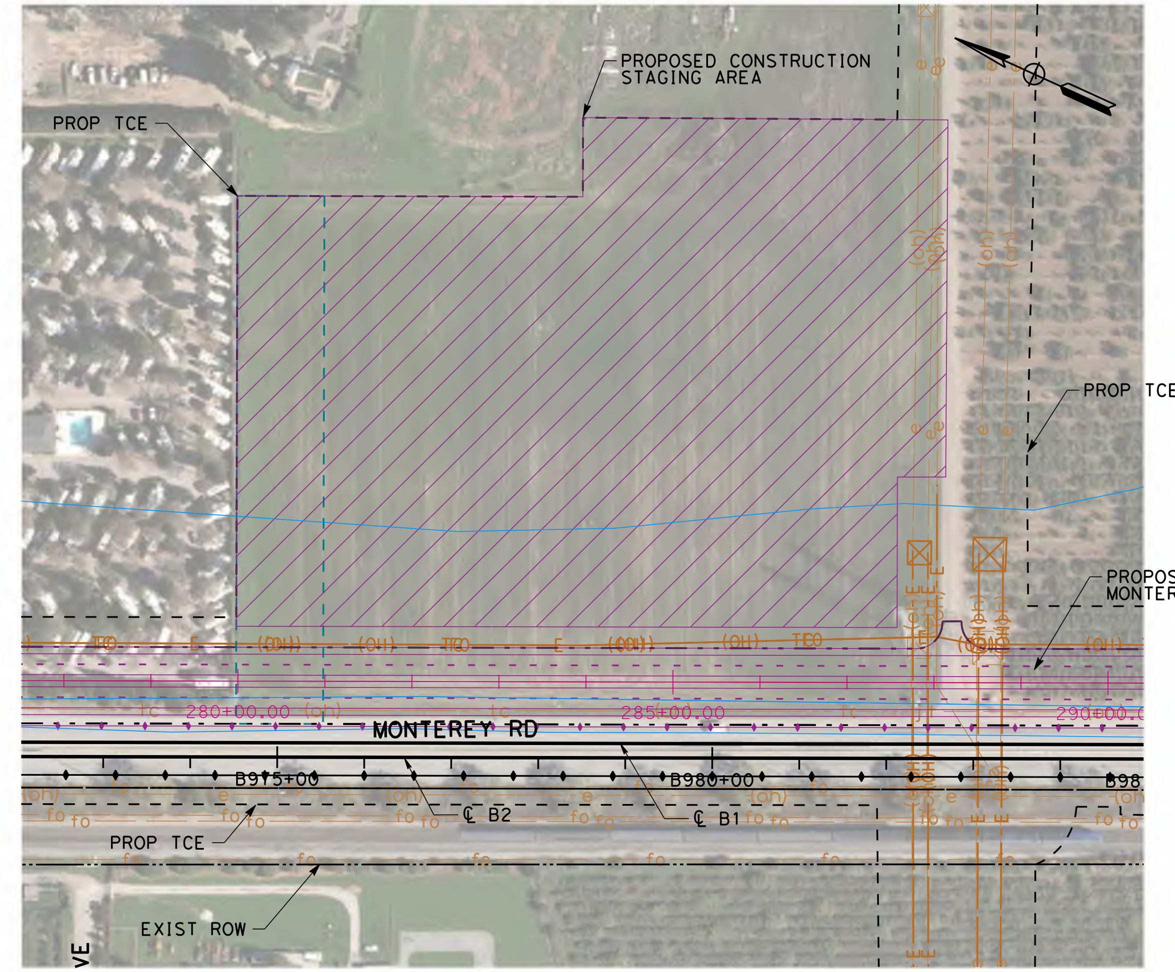


PLAN - FOX LANE

SCALE: 1"=200'

100 0 100 200

1"=200' HOR

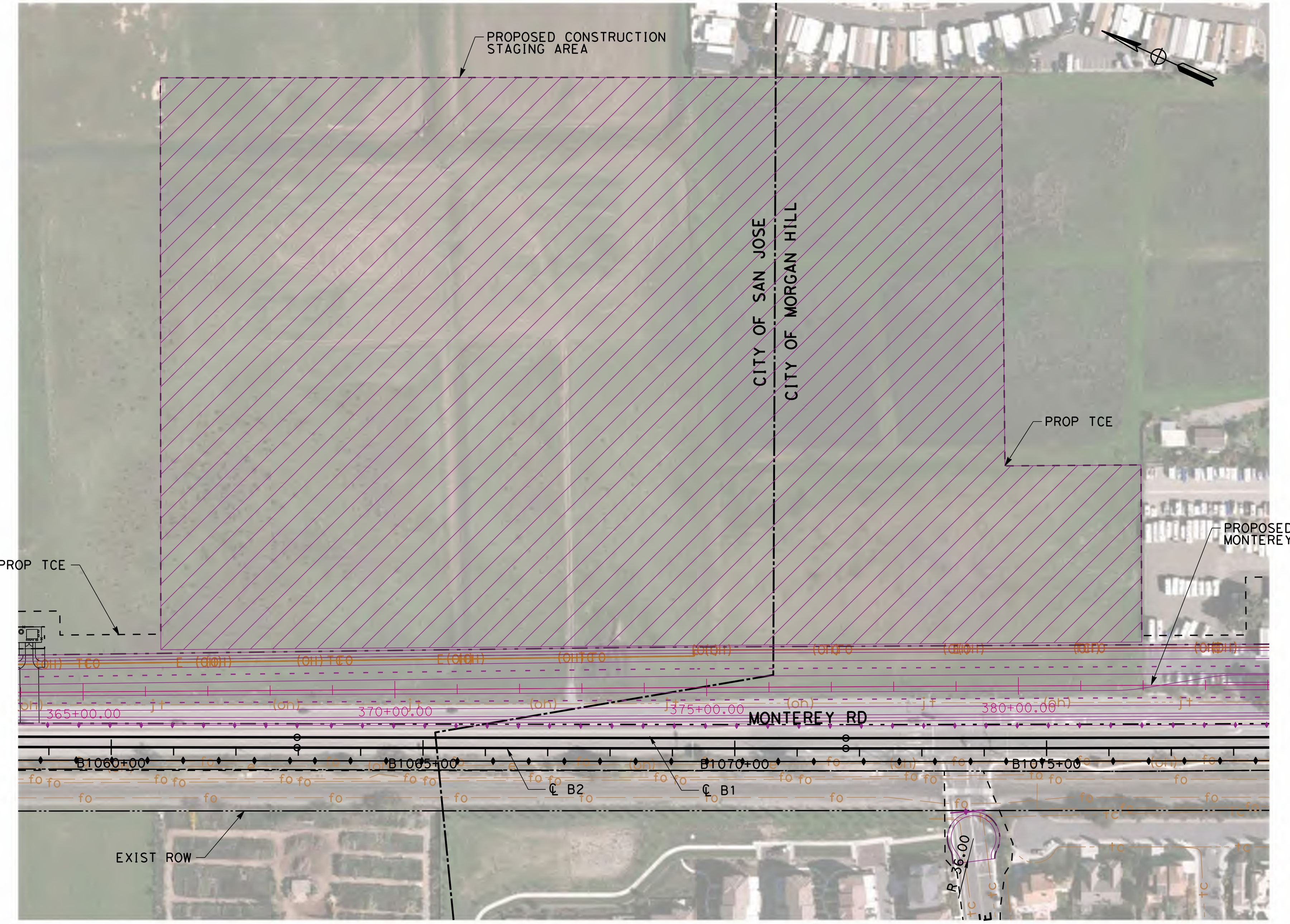


PLAN - CONSTRUCTION STAGING AREA AT STA B974+53 TO STA B982+68

SCALE: 1"=200'

100 0 100 200

1"=200' HOR

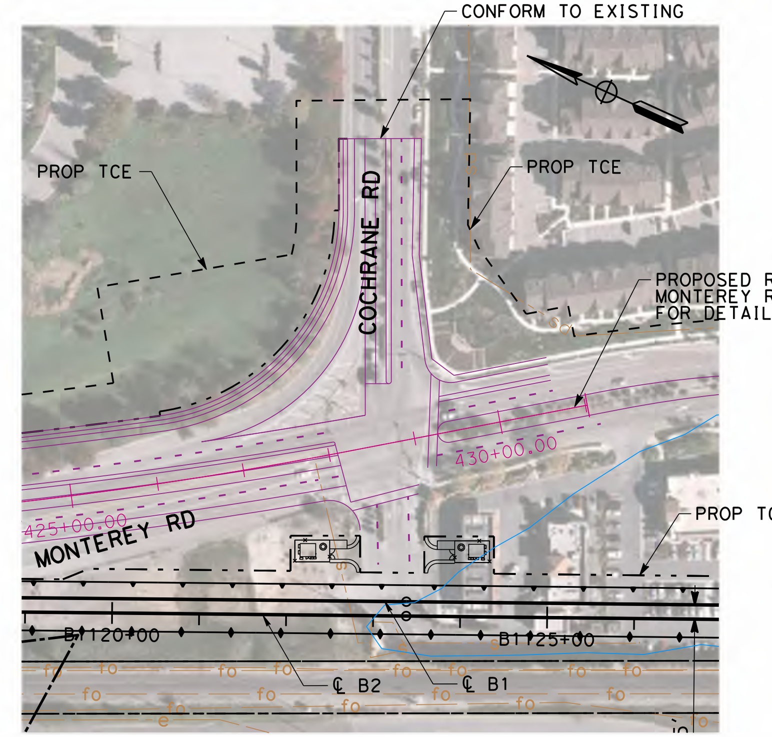


PLAN - CONSTRUCTION STAGING AREA AT STA B1060+79 TO STA B1076+53

SCALE: 1"=200'

100 0 100 200

1"=200' HOR



PLAN - COCHRANE ROAD

SCALE: 1"=200'

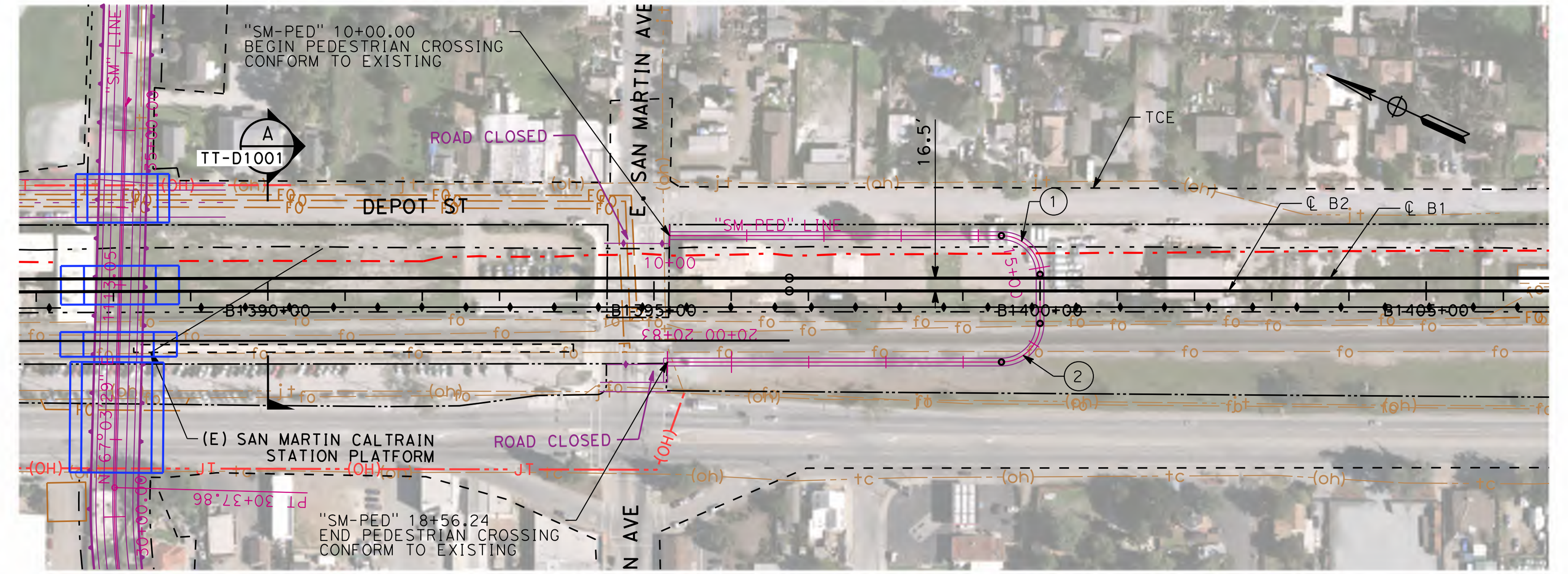
100 0 100 200

1"=200' HOR

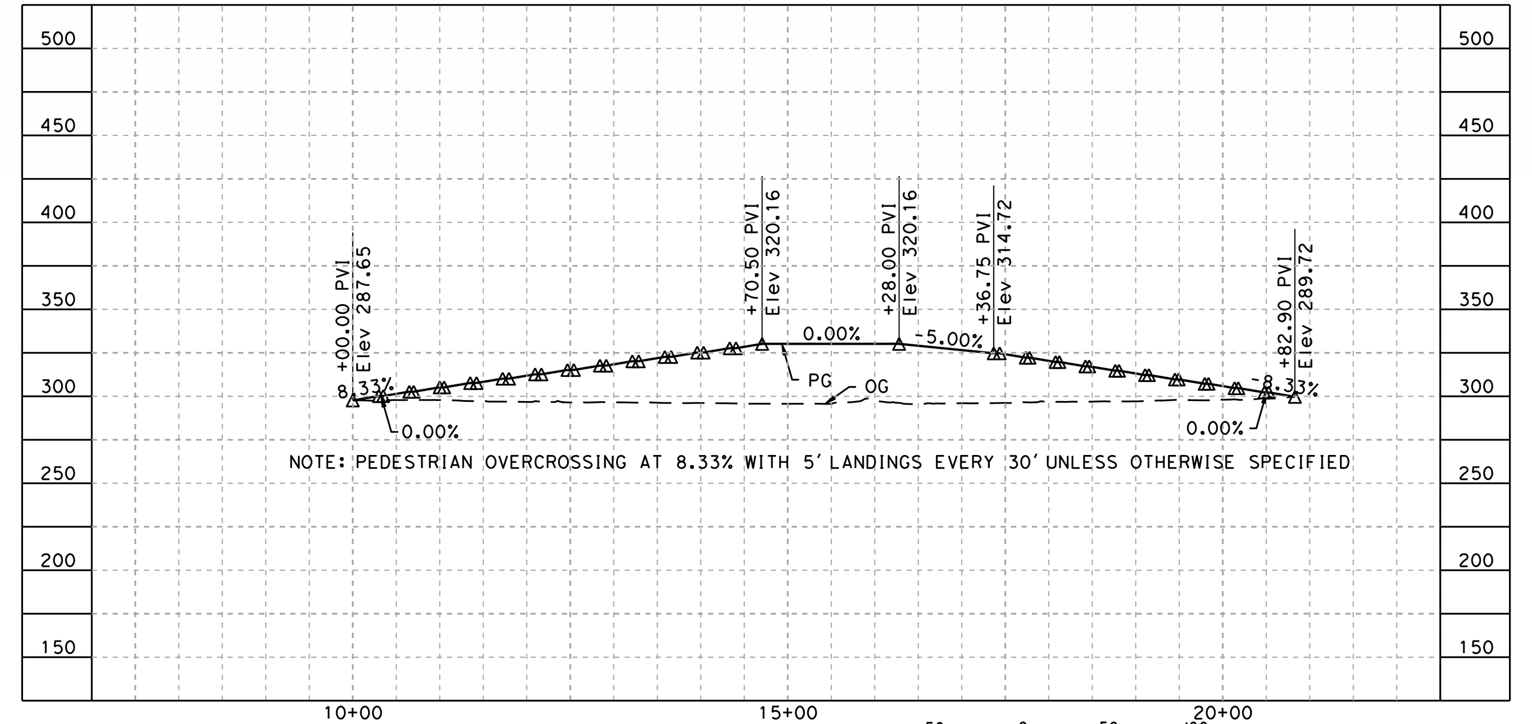
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 126 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY CIVIL DETAILS	CONTRACT NO. HSR15-34 DRAWING NO. CV-S0801 SCALE AS SHOWN SHEET NO.

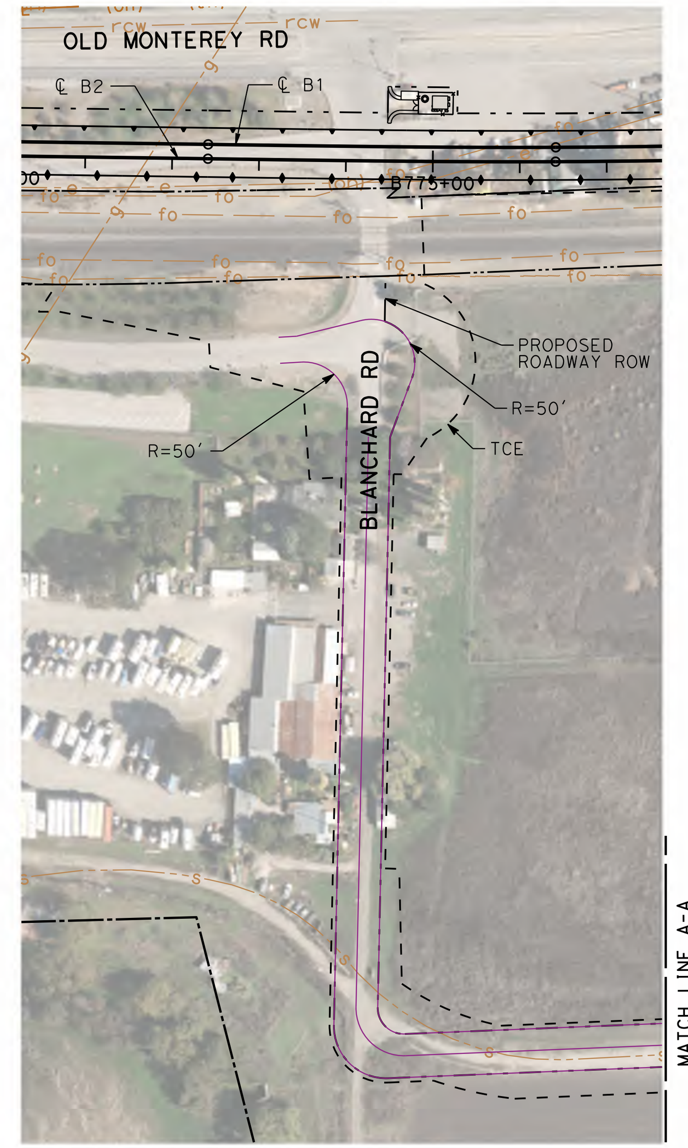
CURVE DATA "SM-PED"				
NO.	R	Δ	L	T
1	50	90°0'0.00"	78.540	50.000
2	50	90°0'0.00"	78.540	50.000



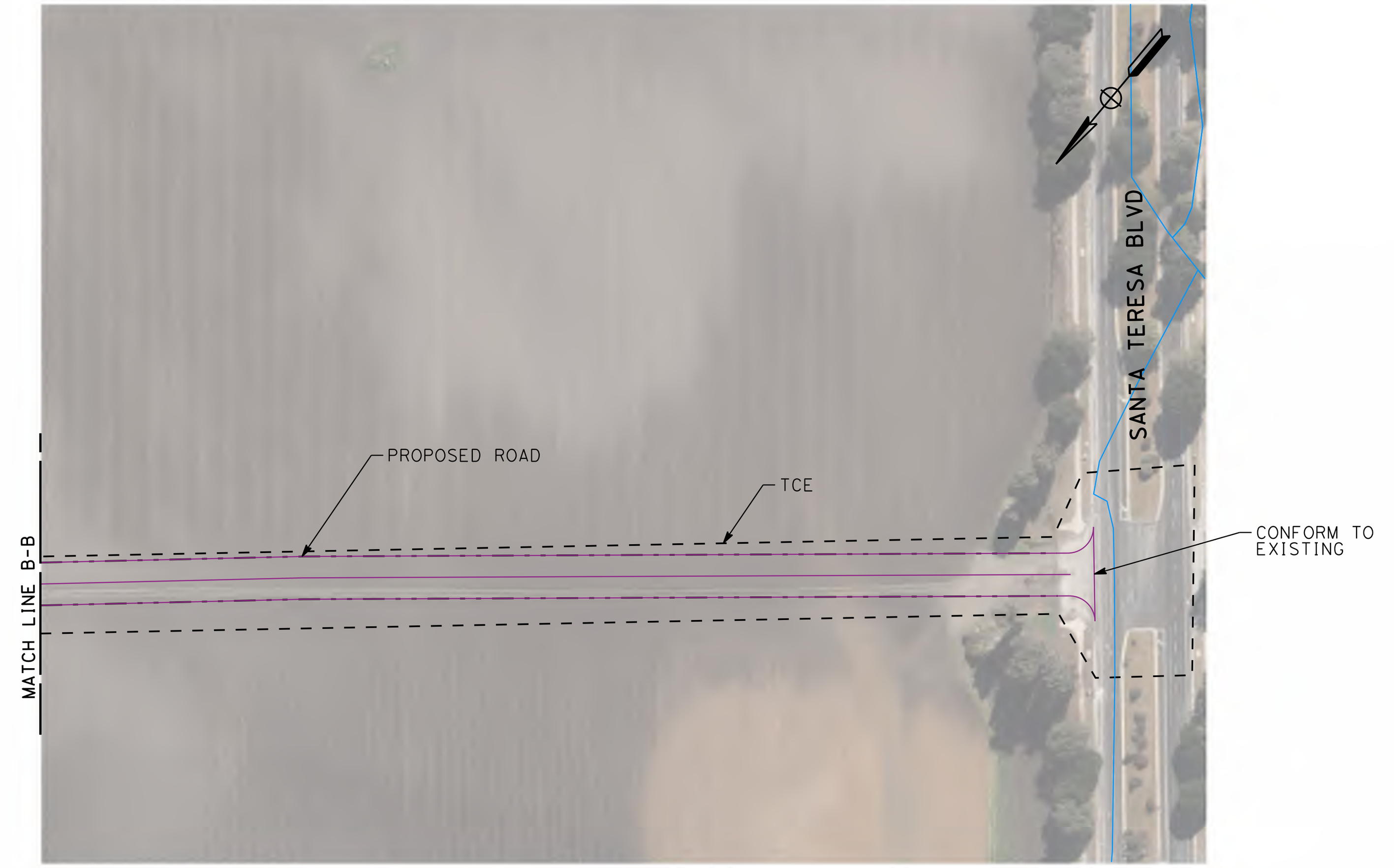
PLAN - SAN MARTIN PED PATH "SM-PED"
SCALE: 1"=200'



PROFILE - SAN MARTIN PED PATH "SM-PED"
SCALE: 1"=200' HOR, 1"=100' VERT



PLAN - BLANCHARD RD
SCALE: 1"=200'



NOTE:

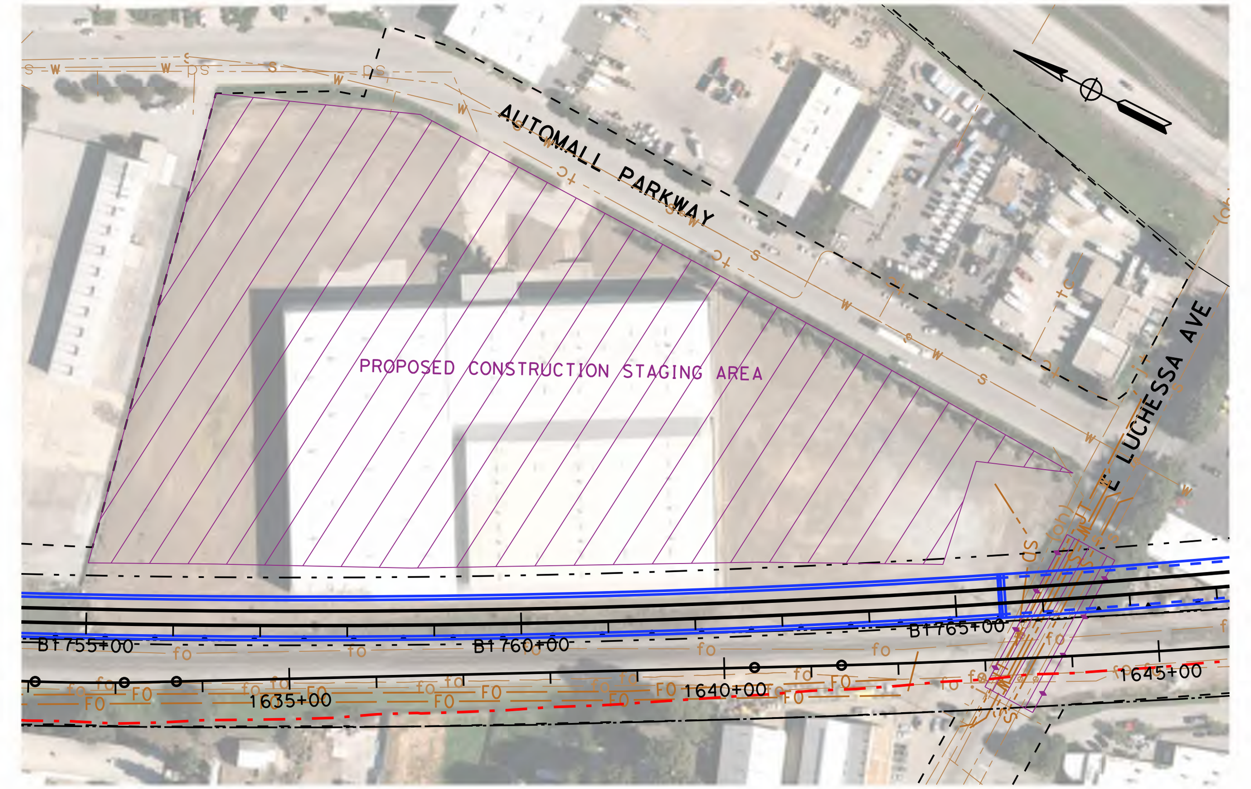
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 127 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY CIVIL DETAILS	CONTRACT NO. HSR15-34 DRAWING NO. CV-S0802 SCALE AS SHOWN SHEET NO.

PROPOSED CONSTRUCTION STAGING AREA
AT STA B1410+00 TO STA B1427+81
SCALE: 1"=200'

PROPOSED CONSTRUCTION STAGING AREA
AT STA B1454+21 TO STA B1456+85
SCALE: 1"=200'



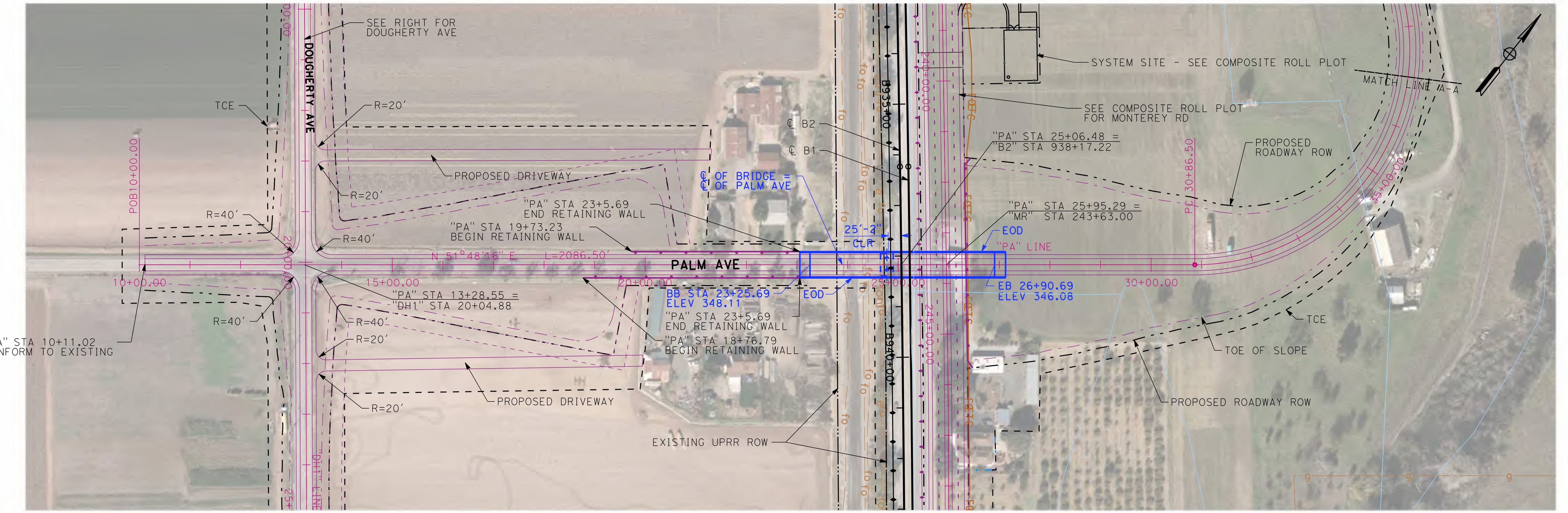
PROPOSED CONSTRUCTION STAGING AREA
AT STA B1755+00 TO STA B1766+45
SCALE: 1"=200'

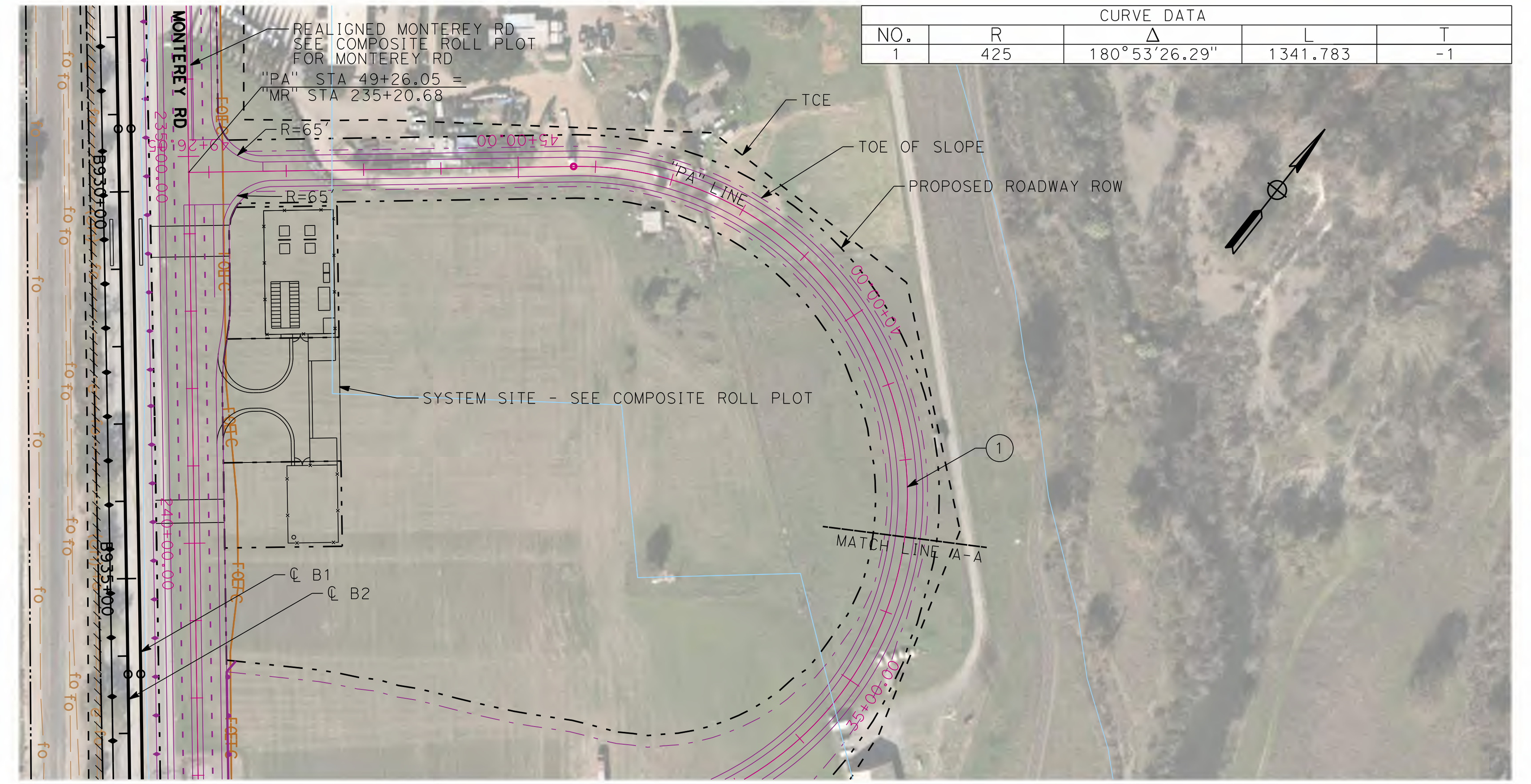
NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

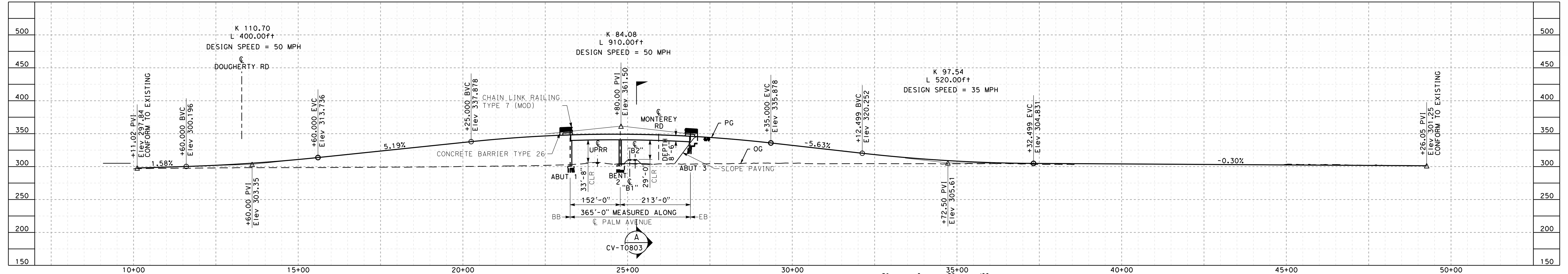
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 128 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY CIVIL DETAILS	CONTRACT NO. HSR15-34 DRAWING NO. CV-S1001 SCALE AS SHOWN SHEET NO.

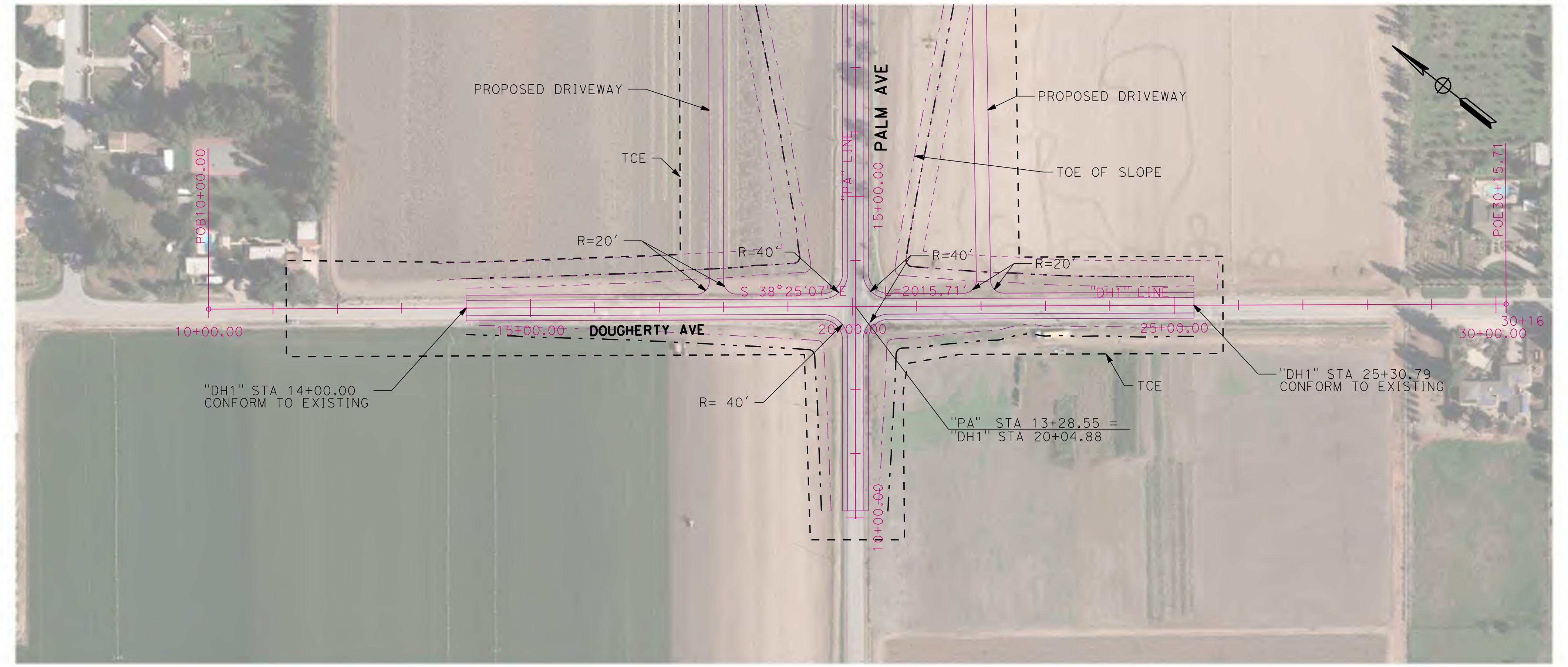




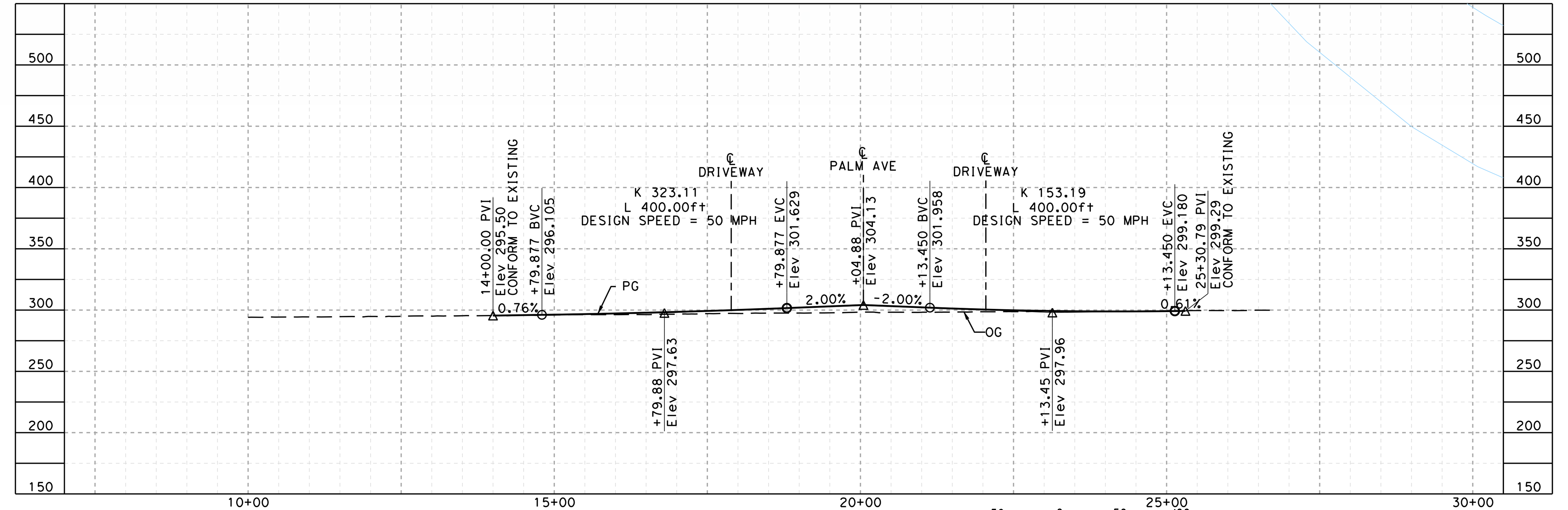
PLAN - PALM AVE "PA"
SCALE: 1"=200'



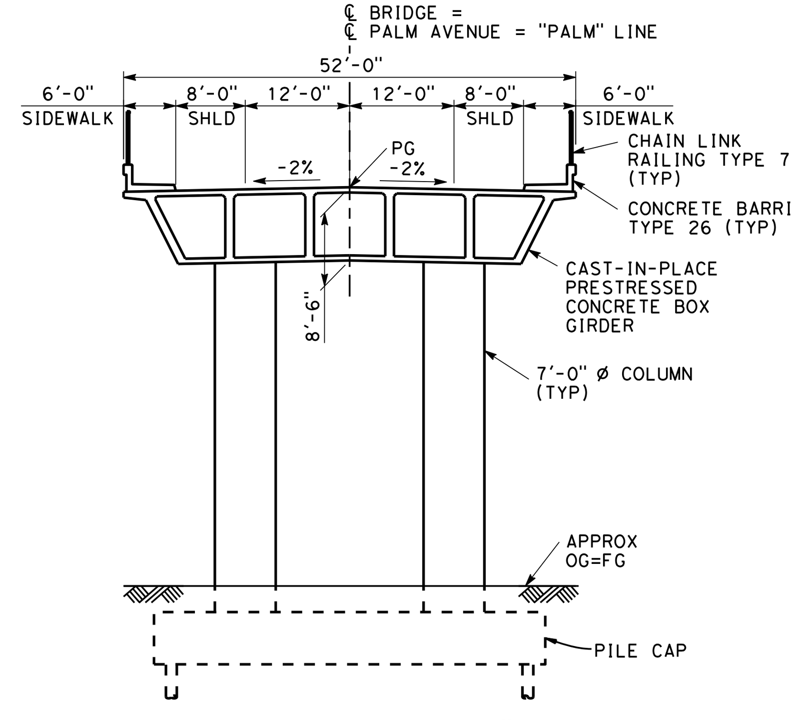
PROFILE - PALM AVE "PA"
SCALE: 1"=200' HOR, 1"=100' VERT



PLAN - DOUGHERTY 1 "DH1"
SCALE: 1"=200'



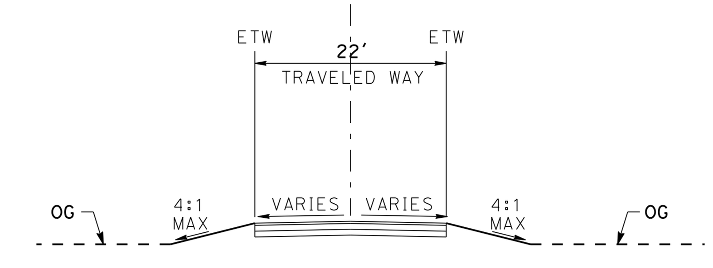
PROFILE - DOUGHERTY 1 "DH1"
SCALE: 1"=200' HOR, 1"=100' VERT



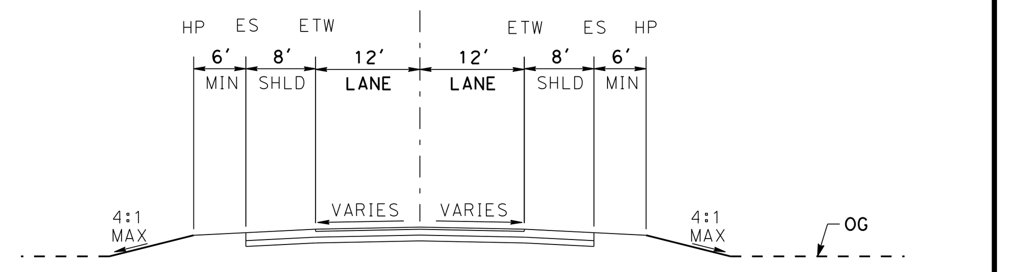
SECTION A
SCALE 1"=20'

NOTE:

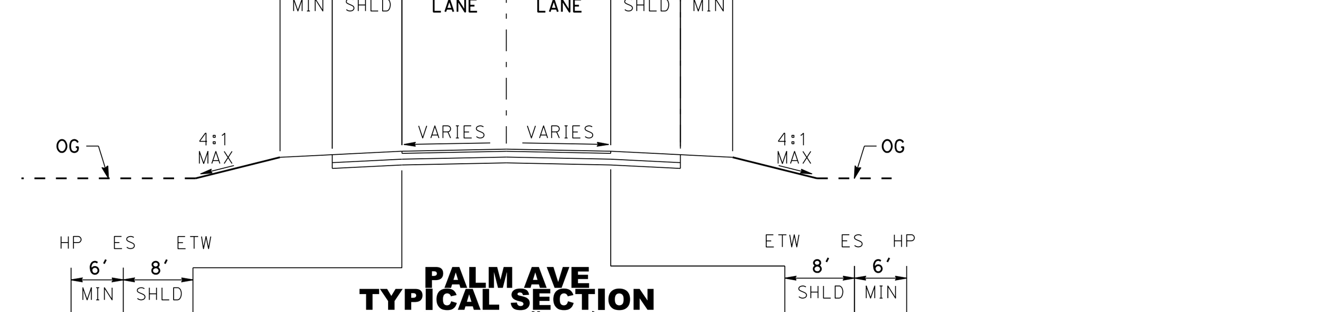
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



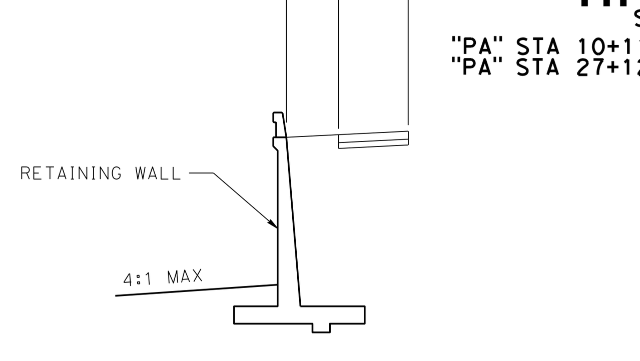
ACCESS RD TYPICAL SECTION
SCALE: 1"=20'



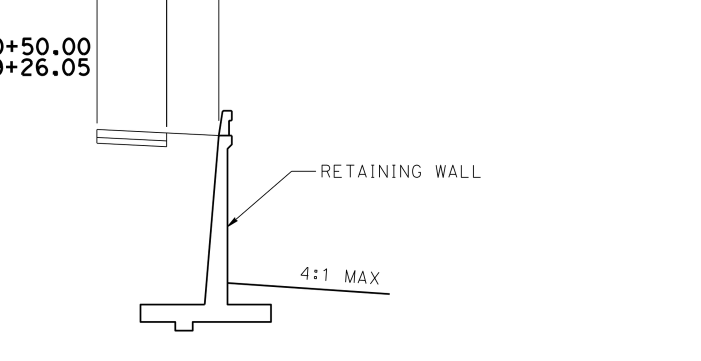
DOUGHERTY AVE TYPICAL SECTION
SCALE: 1"=20'
"DH1" STA 14+00.00 TO "DH1" STA 25+30.79



PALM AVE TYPICAL SECTION
SCALE: 1"=20'
"PA" STA 10+11.02 TO "PA" STA 20+50.00
"PA" STA 27+12.36 TO "PA" STA 49+26.05



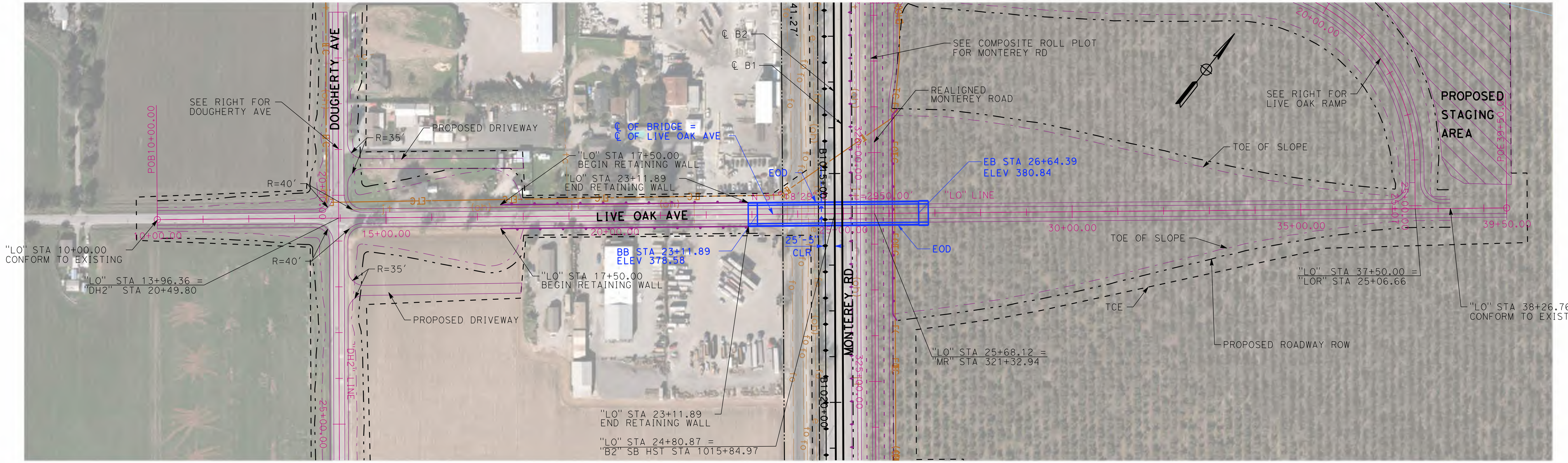
PALM AVE TYPICAL SECTION
SCALE: 1"=20'
"PA" STA 20+50.00 TO "PA" STA 23+5.69



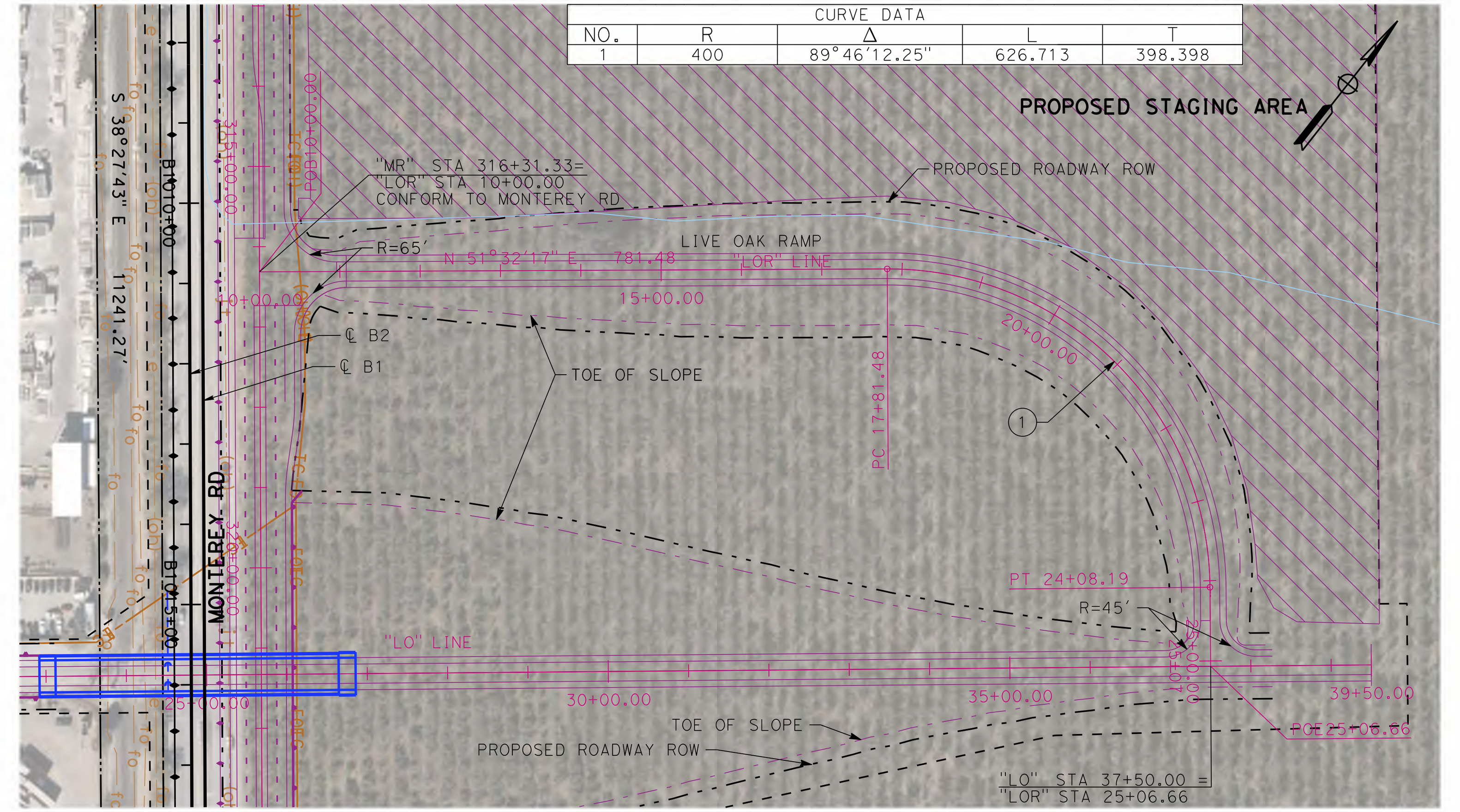
PALM AVE TYPICAL SECTION
SCALE: 1"=20'
"PA" STA 19+50.00 TO "PA" STA 23+5.69

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 129 OF 285

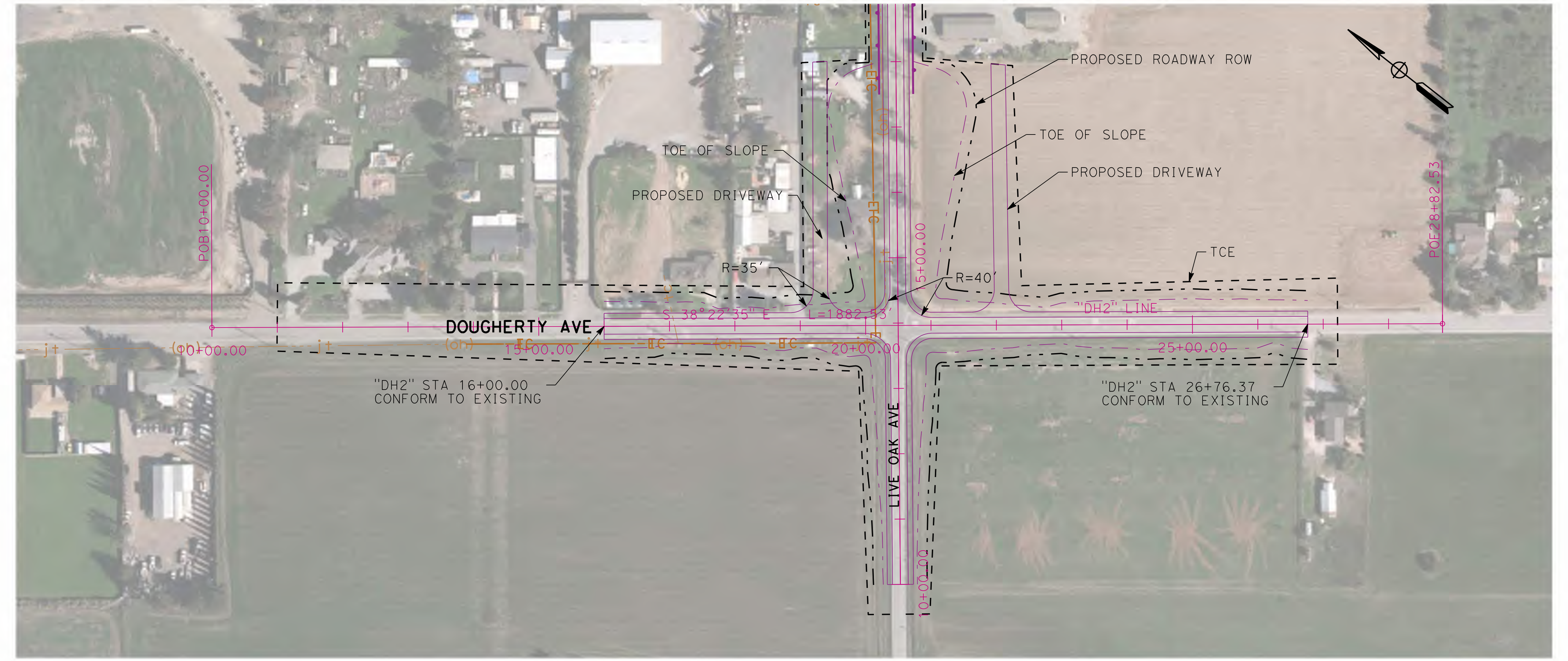
2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS PALM AVE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0803 SCALE AS SHOWN SHEET NO.



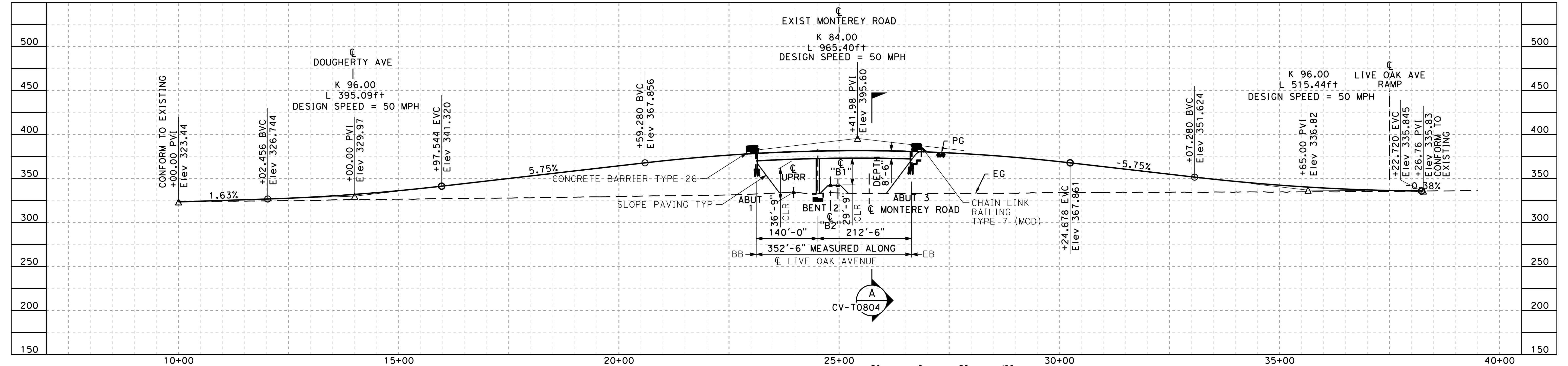
PLAN - LIVE OAK AVE "LO"
SCALE: 1"=200'



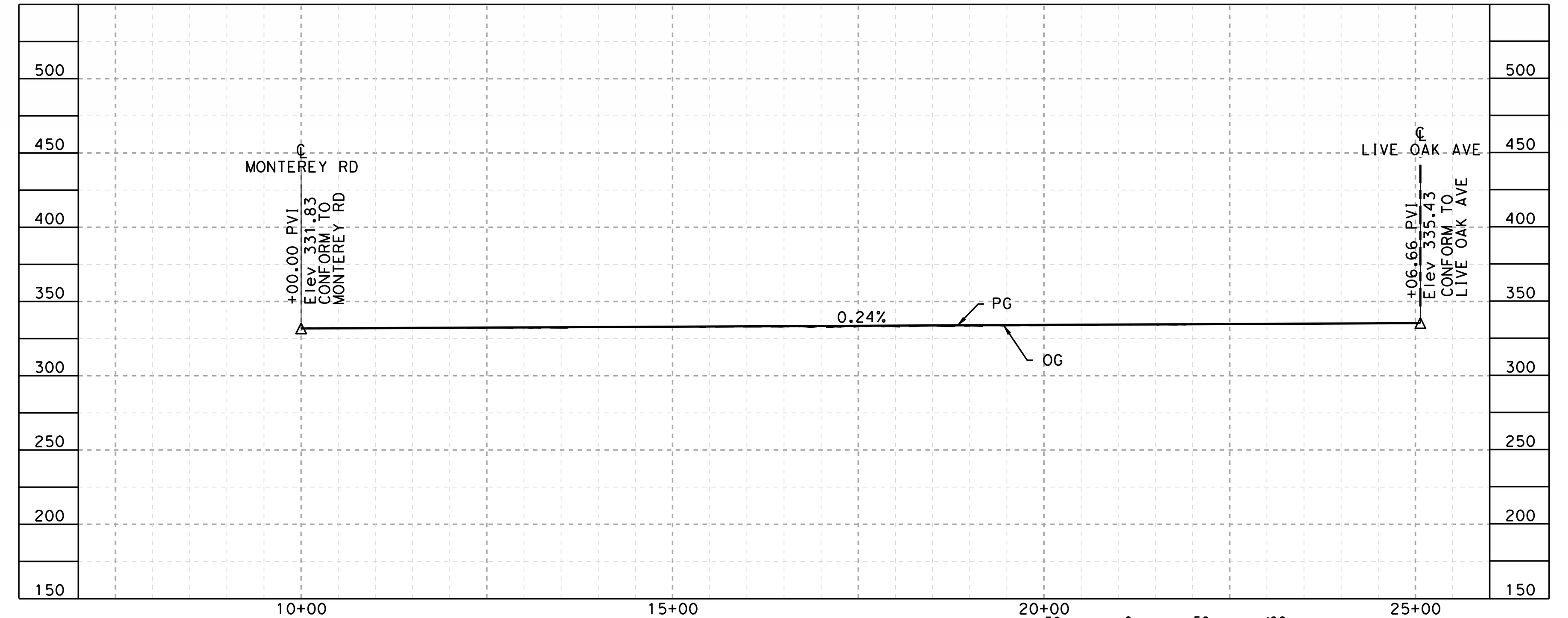
PLAN - LIVE OAK AVE RAMP "LOR"
SCALE: 1"=200'



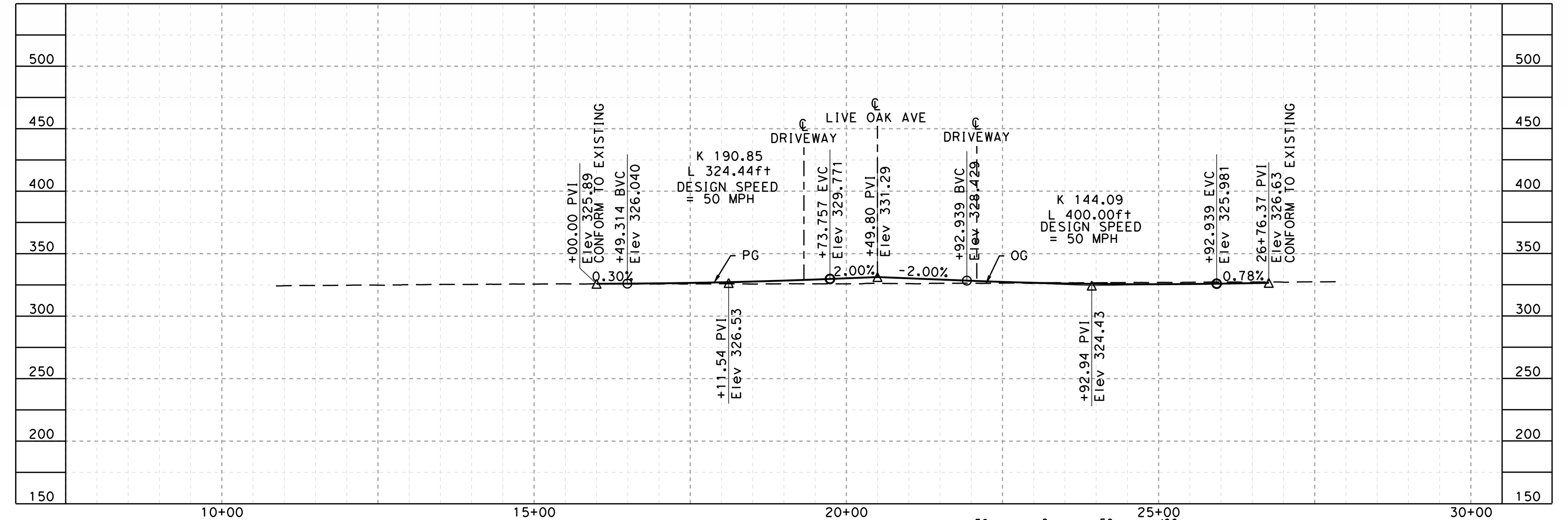
PLAN - DOUGHERTY 2 "DH2"
SCALE: 1"=200'



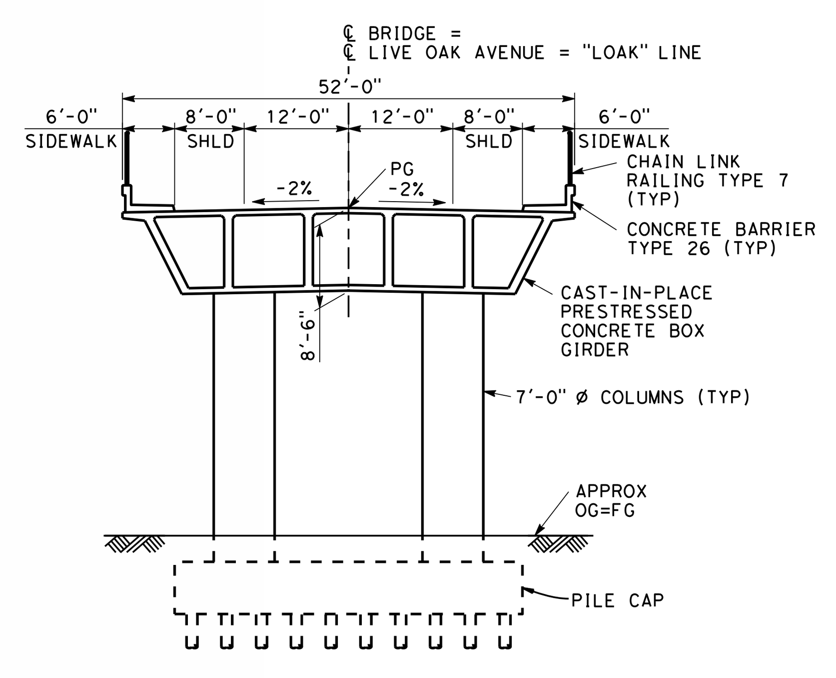
PROFILE - LIVE OAK AVE "LO"
SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - LIVE OAK AVE RAMP "LOR"
SCALE: 1"=200' HOR, 1"=100' VERT



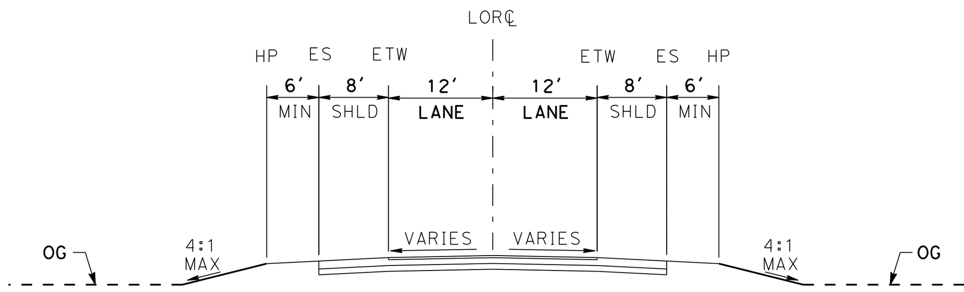
PROFILE - DOUGHERTY 2 "DH2"
SCALE: 1"=200' HOR, 1"=100' VERT



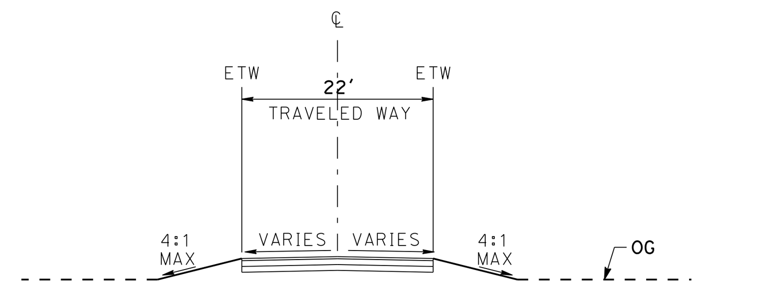
SECTION (A)
SCALE 1"=20'

NOTE:

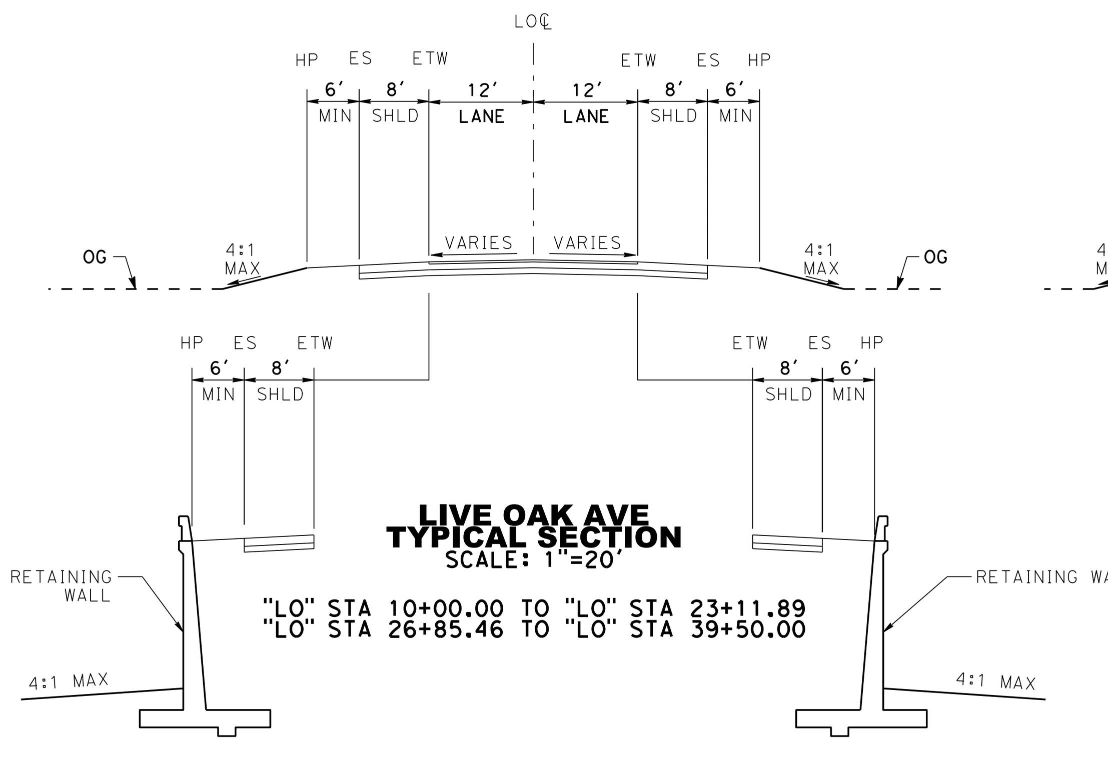
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



LIVE OAK AVE RAMP TYPICAL SECTION
SCALE: 1"=20'
"LOR" STA 10+00.00 TO "LOR" STA 25+06.66



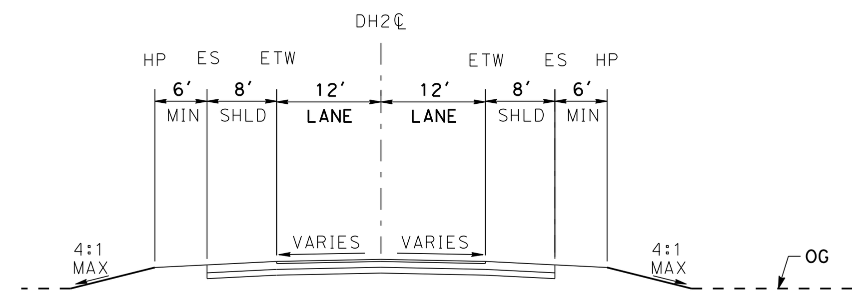
DRIVEWAY TYPICAL SECTION
SCALE: 1"=20'



LIVE OAK AVE TYPICAL SECTION
SCALE: 1"=20'
"LO" STA 10+00.00 TO "LO" STA 23+11.89
"LO" STA 26+85.46 TO "LO" STA 39+50.00

LIVE OAK AVE TYPICAL SECTION
SCALE: 1"=20'
"LO" STA 17+50.00 TO "LO" STA 23+11.89

LIVE OAK AVE TYPICAL SECTION
SCALE: 1"=20'
"LO" STA 17+50.00 TO "LO" STA 23+11.89



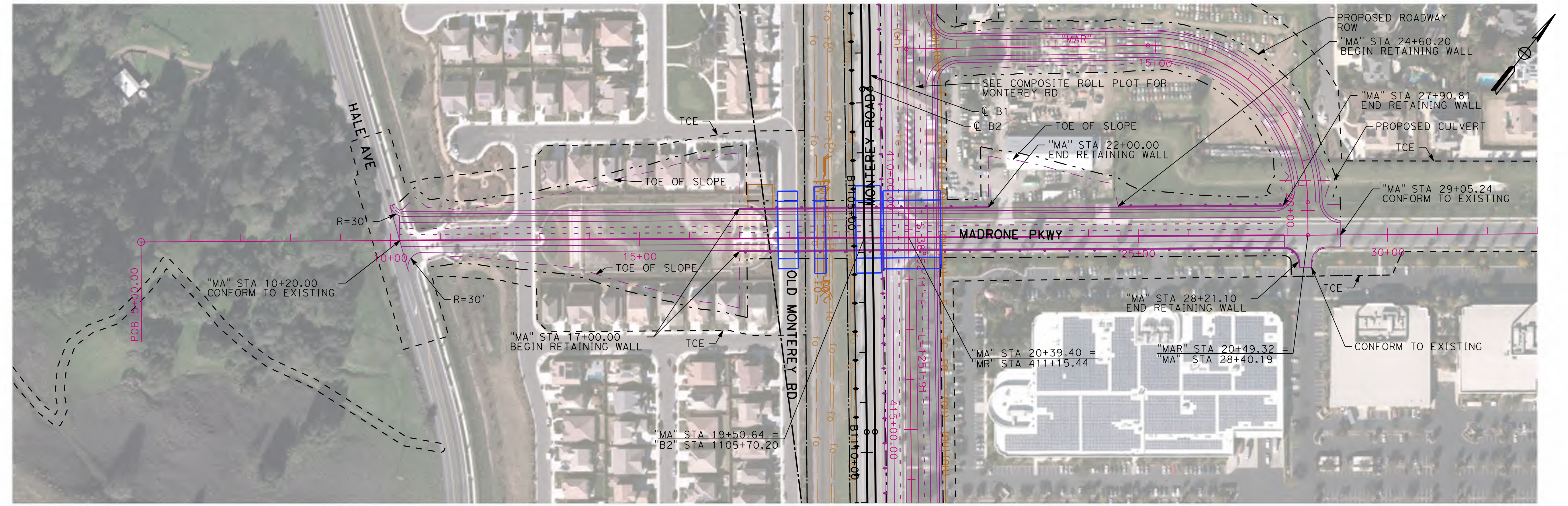
DOUGHERTY AVE TYPICAL SECTION
SCALE: 1"=20'
"DH2" STA 16+00.00 TO "DH2" STA 26+76.37

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 130 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS LIVE OAK AVE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0804 SCALE AS SHOWN SHEET NO.

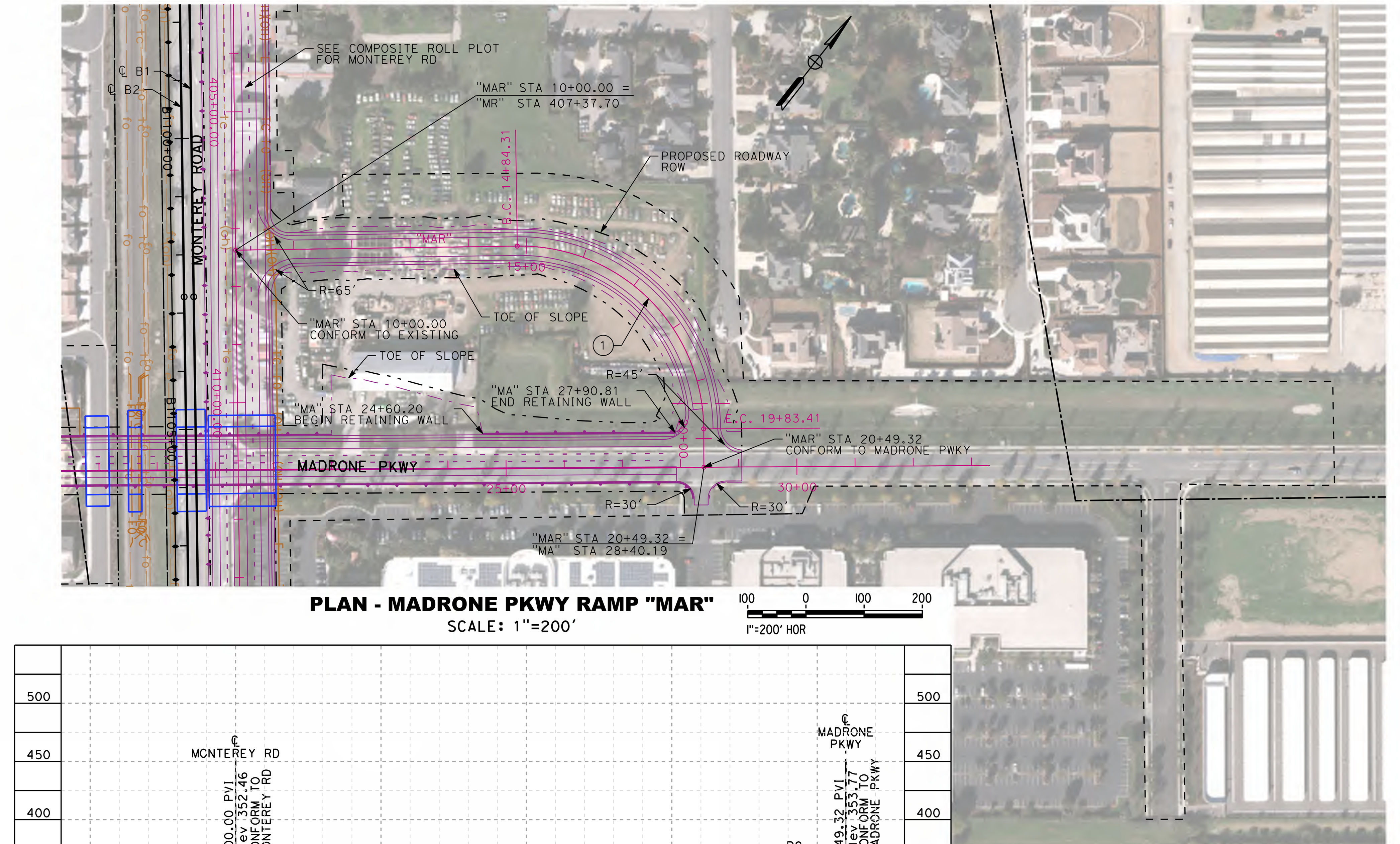
NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



PLAN - MADRONE PKWY "MA"

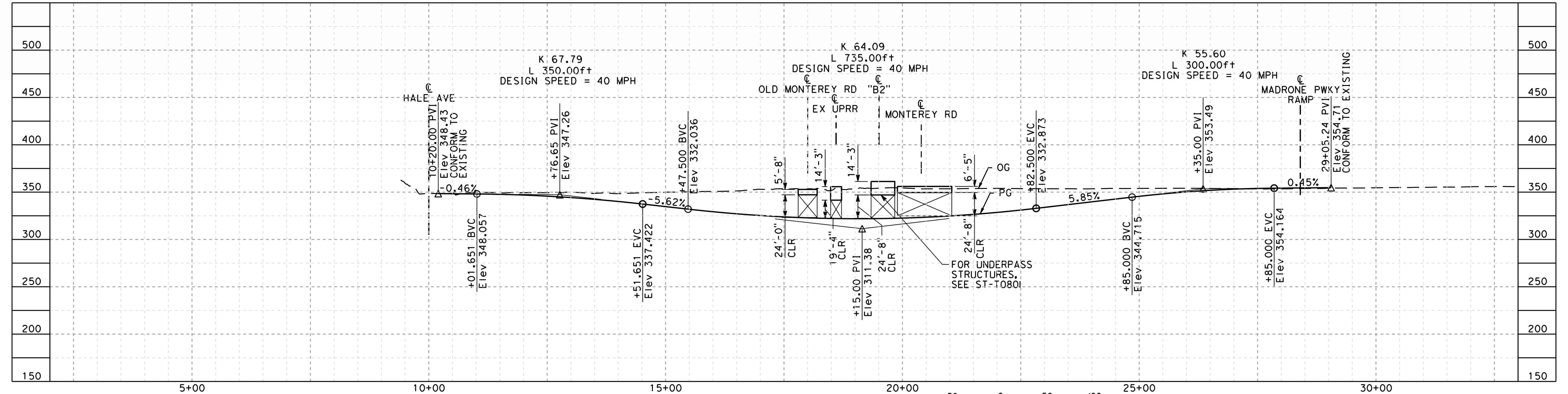
SCALE: 1"=200'



PLAN - MADRONE PKWY RAMP "MAR"

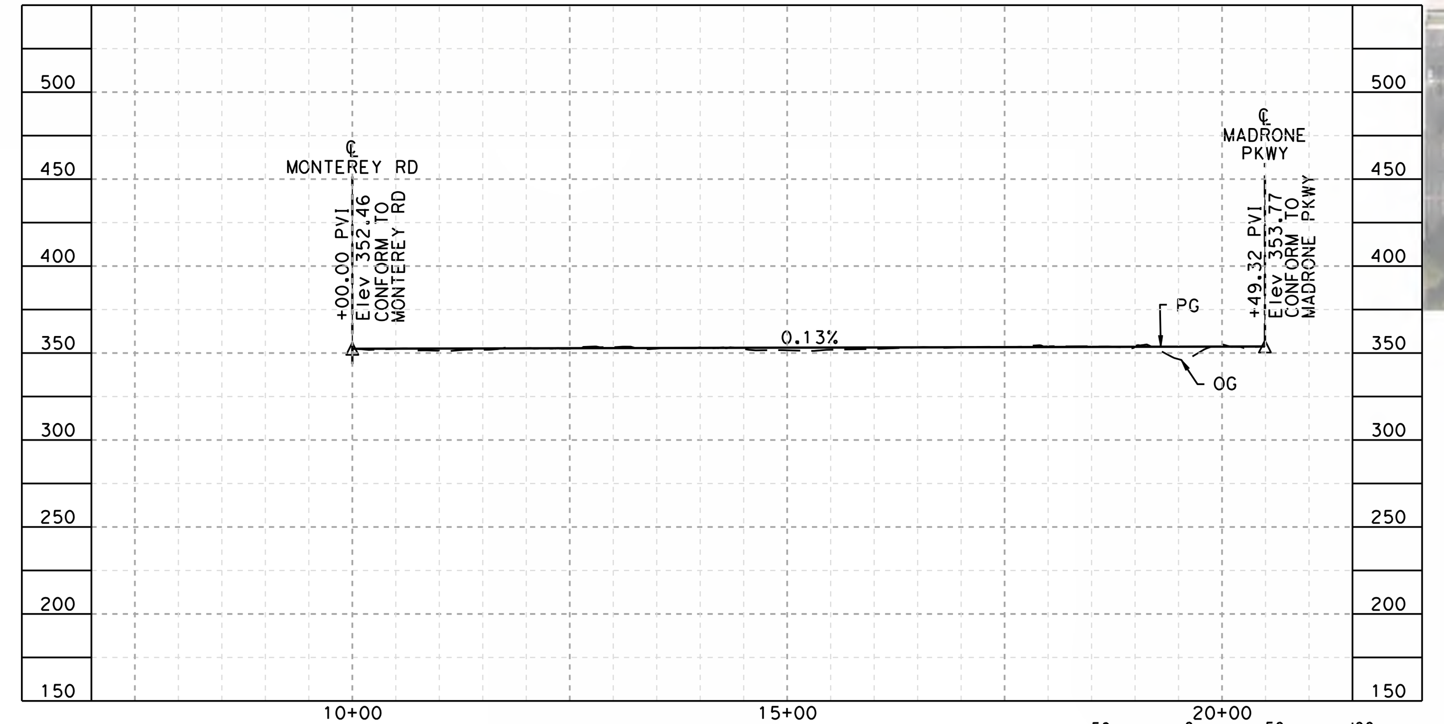
SCALE: 1"=200'

CURVE DATA "MAR"				
NO.	R	Δ	L	T
1	316	90°29'36.19"	499.093	318.733



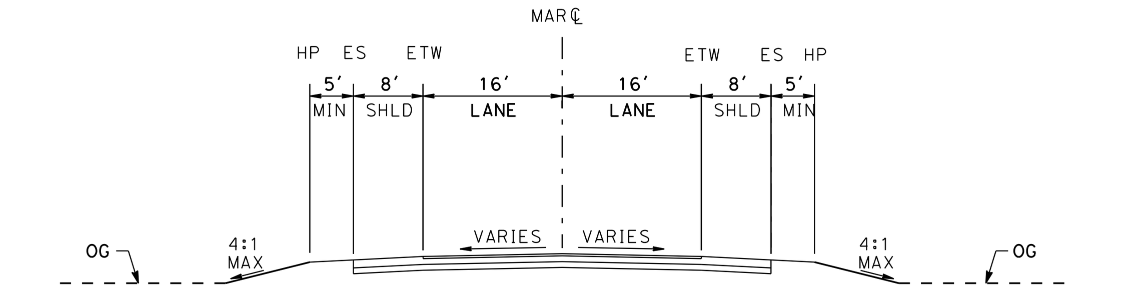
PROFILE - MADRONE PKWY "MA"

SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - MADRONE PKWY RAMP "MAR"

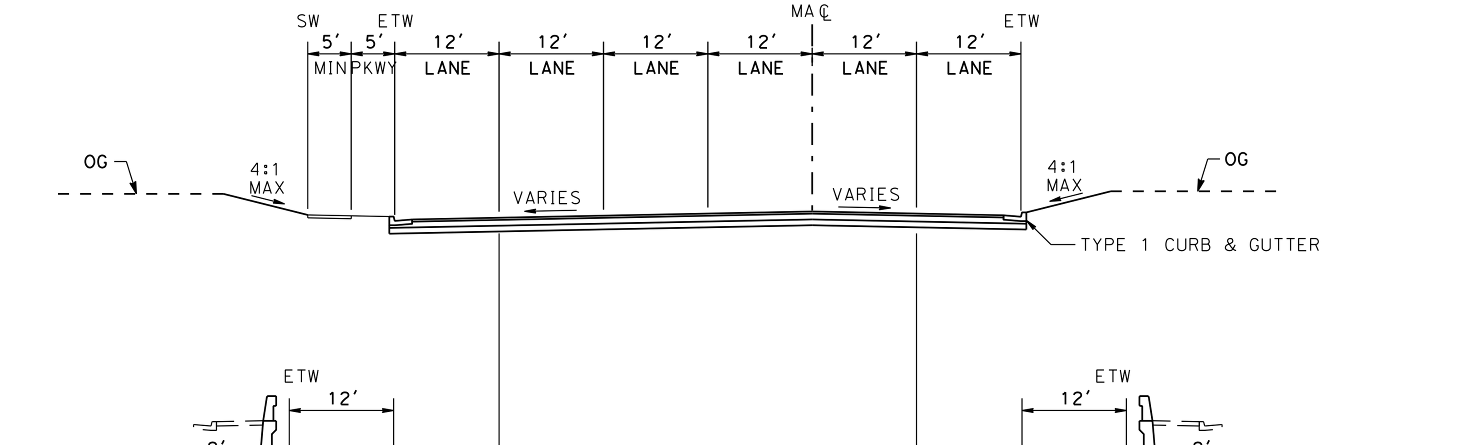
SCALE: 1"=200' HOR, 1"=100' VERT



MADRONE PKWY RAMP TYPICAL SECTION

SCALE: 1"=20'

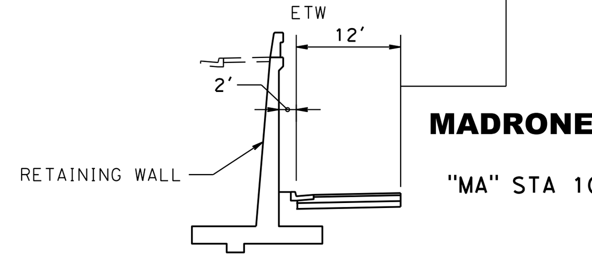
"MAR" STA 10+00.00 TO "MAR" STA 20+49.32



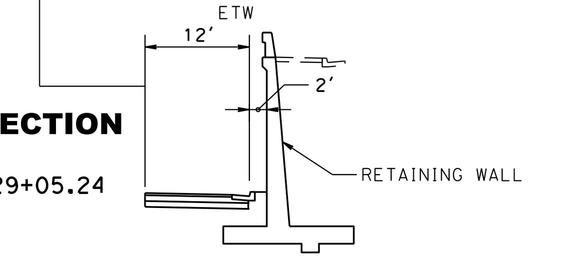
MADRONE PKWY TYPICAL SECTION

SCALE: 1"=20'

"MA" STA 10+20.00 TO "MA" STA 29+05.24



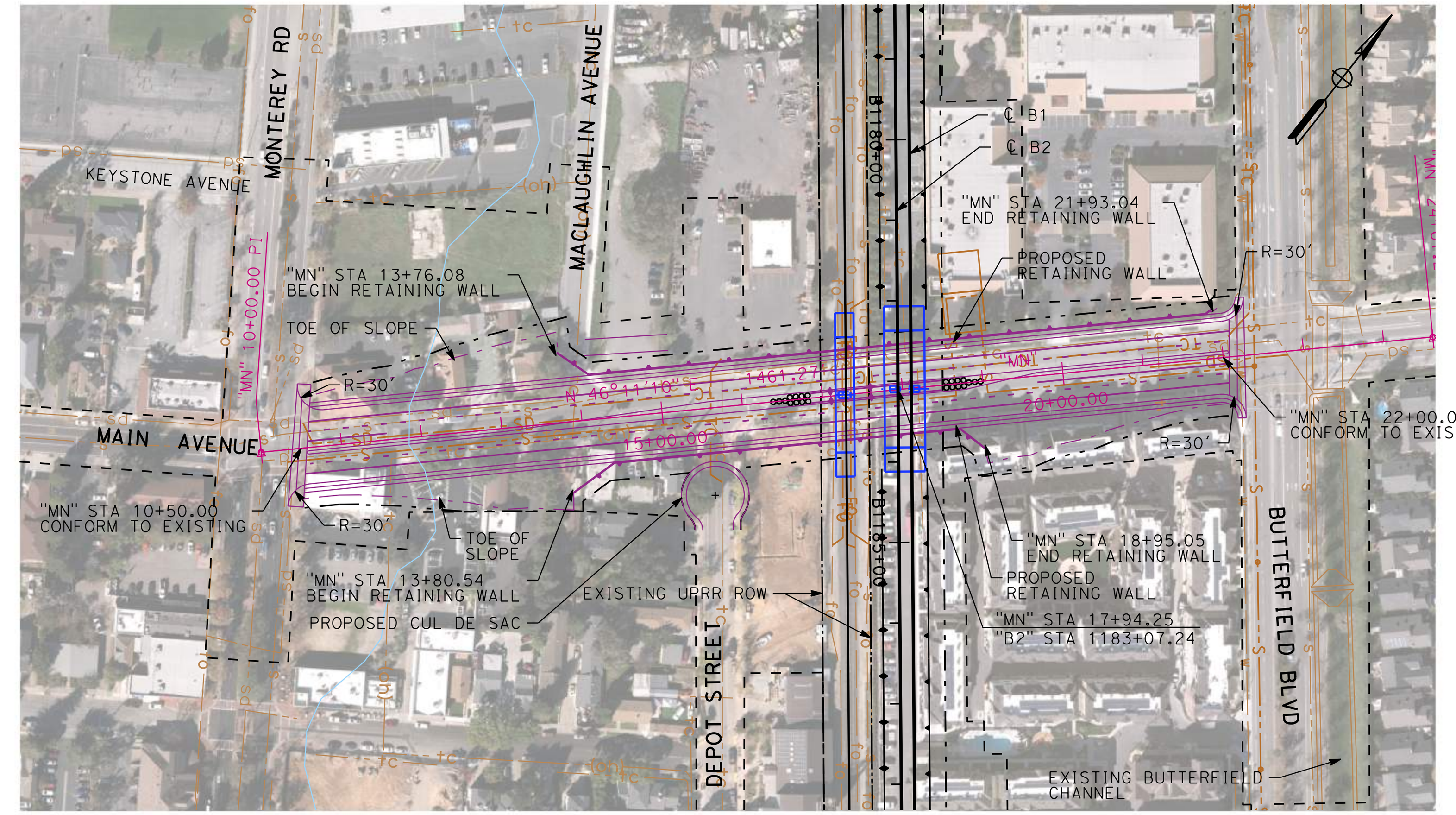
MADRONE AVE TYPICAL SECTION



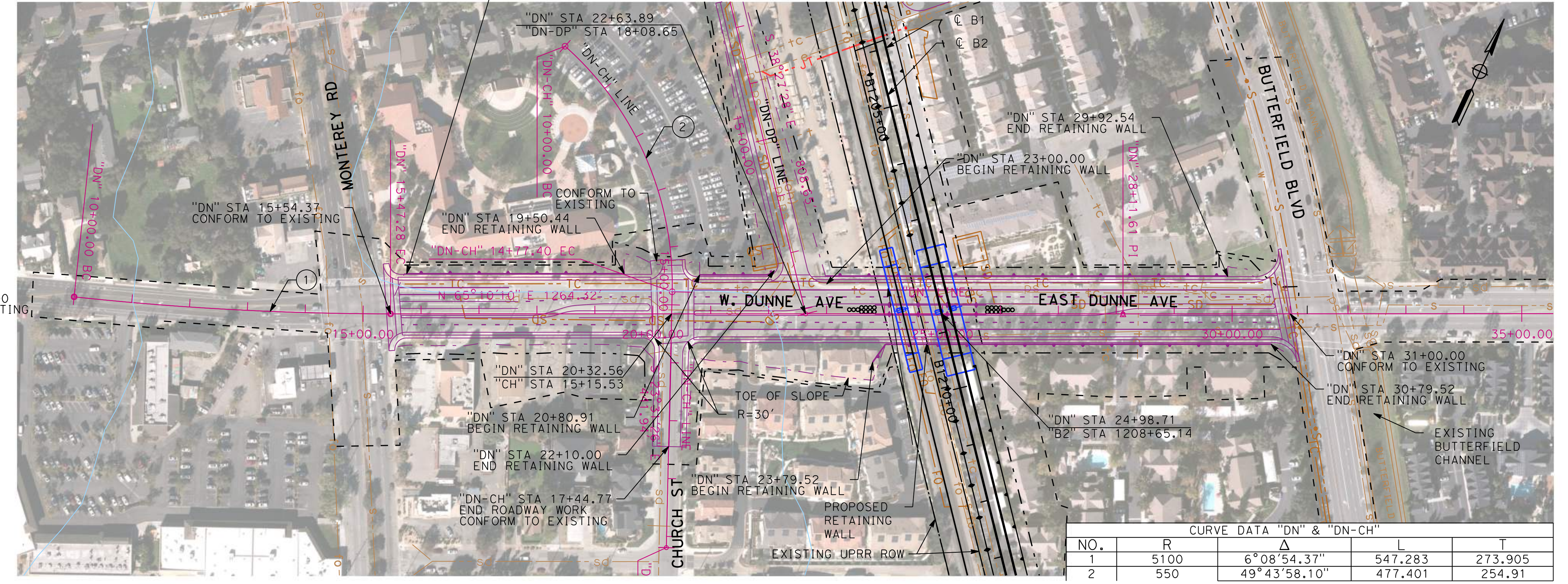
MADRONE AVE TYPICAL SECTION

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 131 OF 285

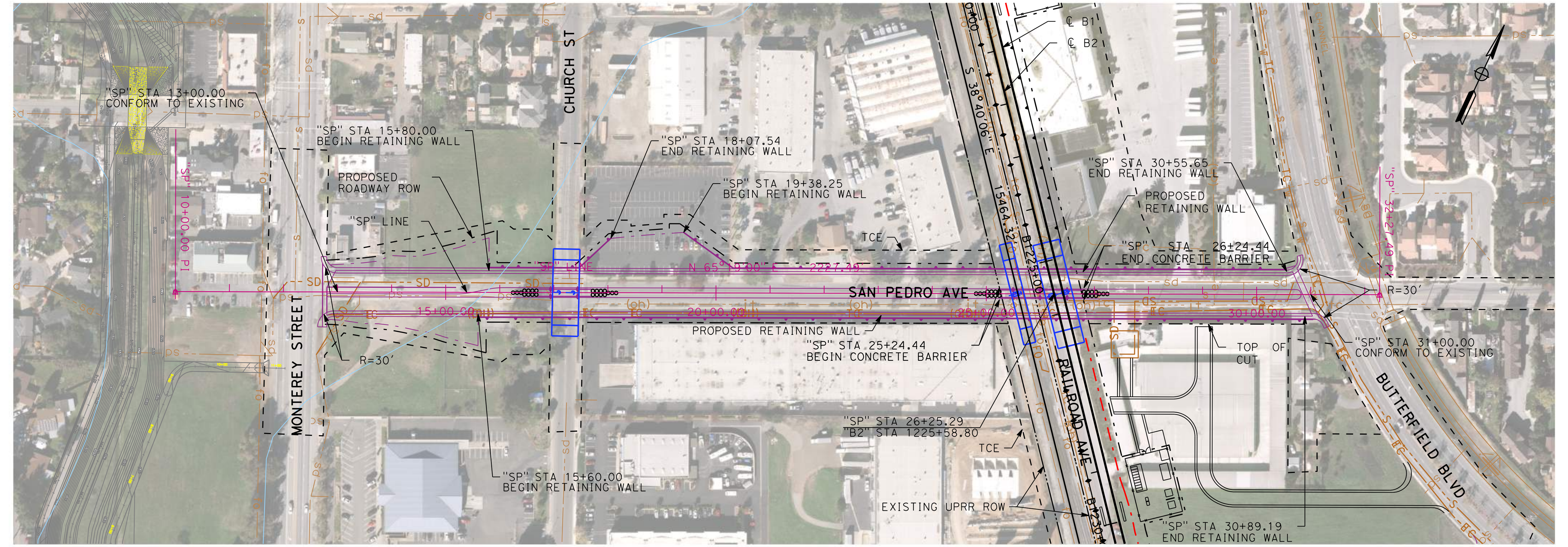
2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS MADRONE PARKWAY	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0805 SCALE AS SHOWN SHEET NO.



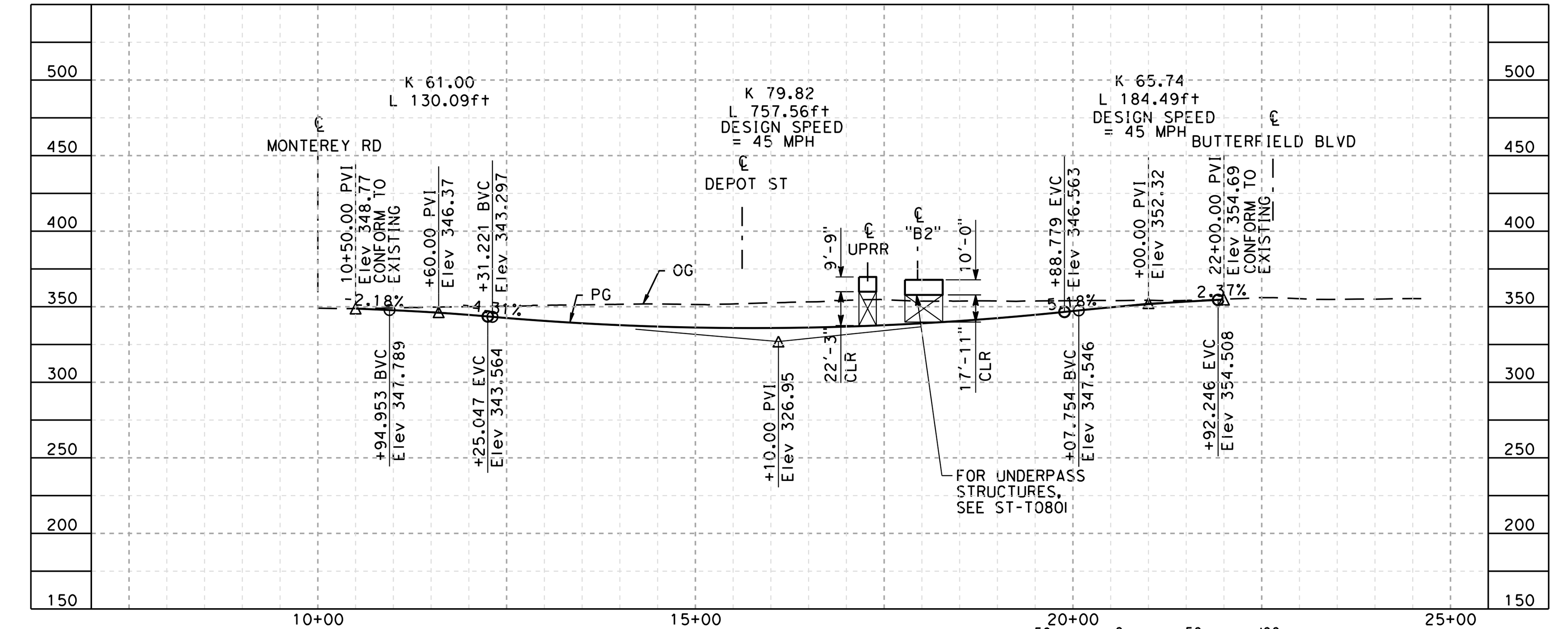
PLAN - MAIN AVE "MN"
SCALE: 1"=200'



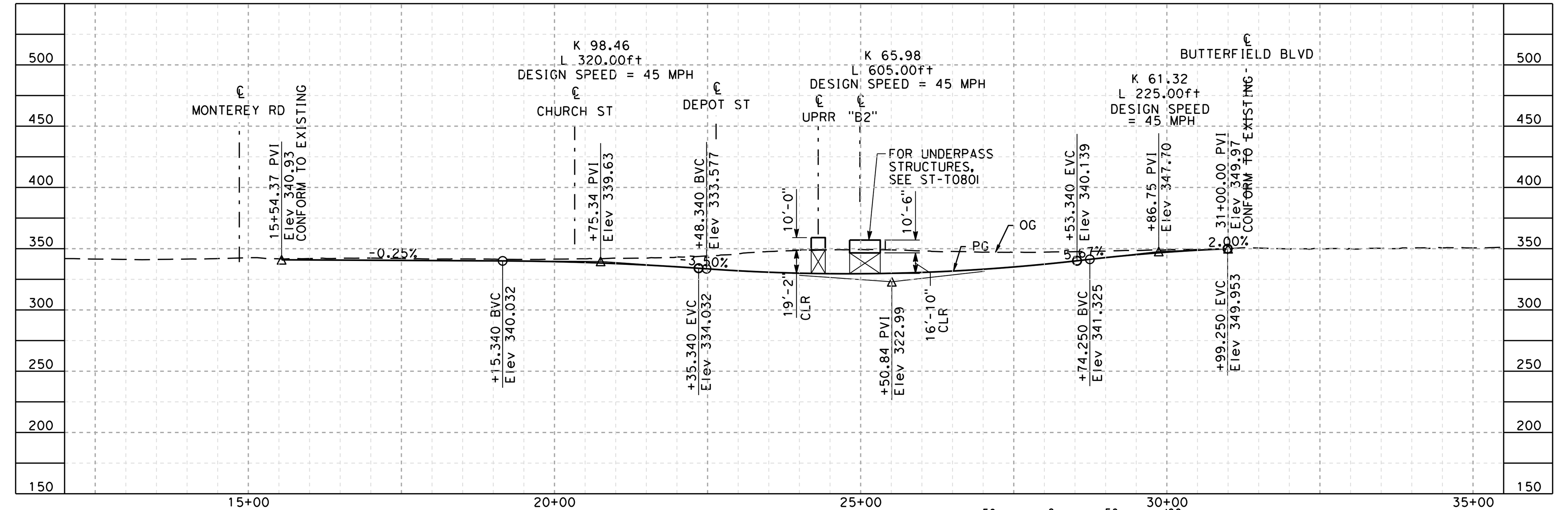
PLAN - E. DUNNE AVE "DN"
SCALE: 1"=200'



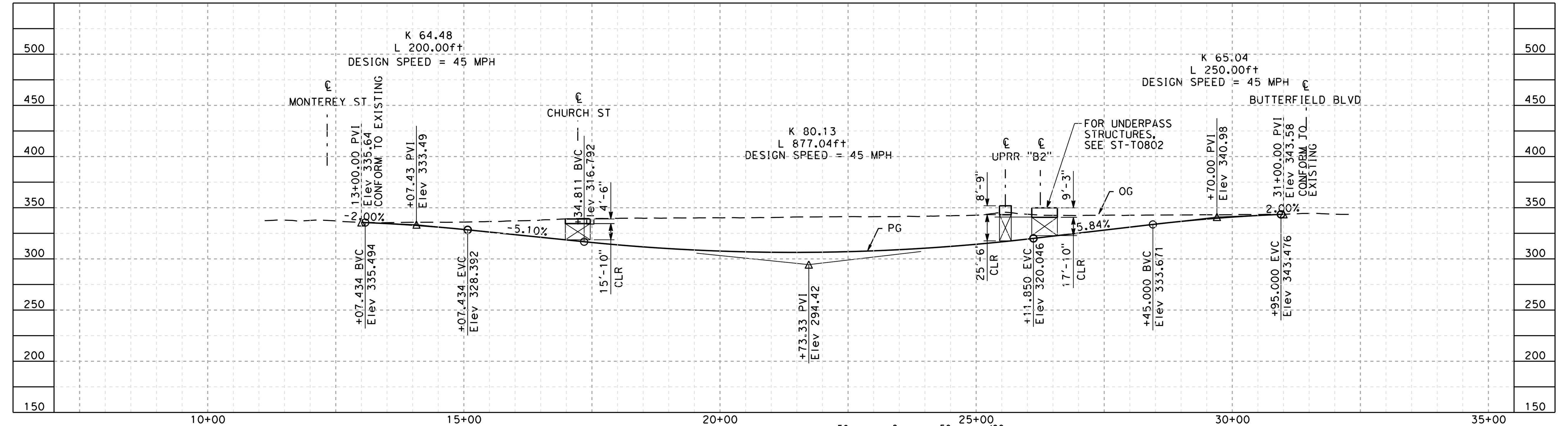
PLAN - SAN PEDRO AVE "SP"
SCALE: 1"=200'



PROFILE - MAIN AVE "MN"
SCALE: 1"=200' HOR, 1"=100' VERT



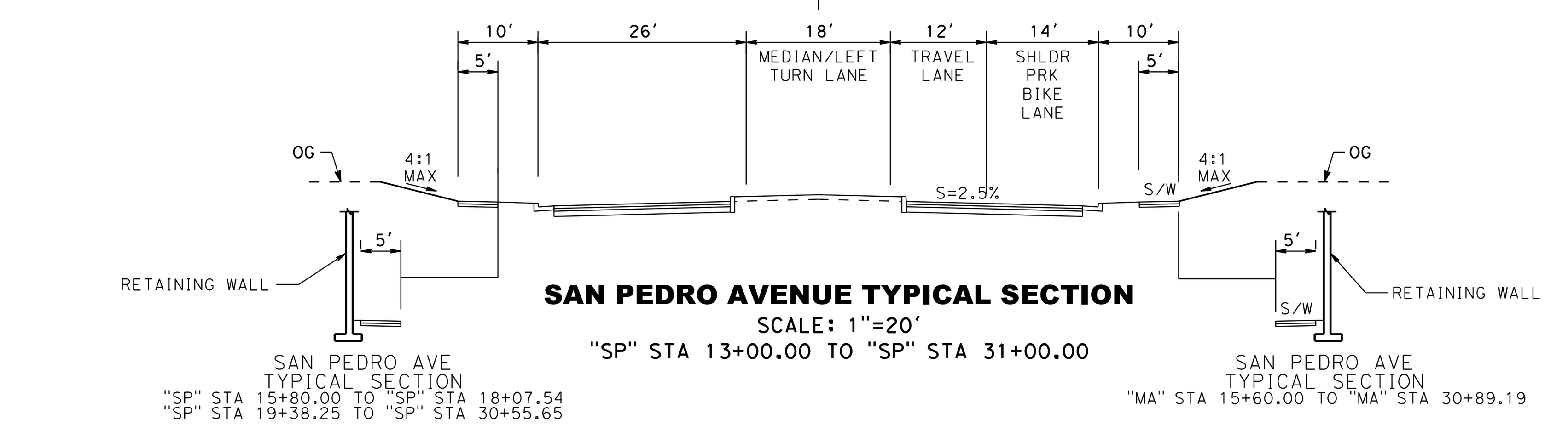
PROFILE - E. DUNNE AVE "DN"
SCALE: 1"=200' HOR, 1"=100' VERT



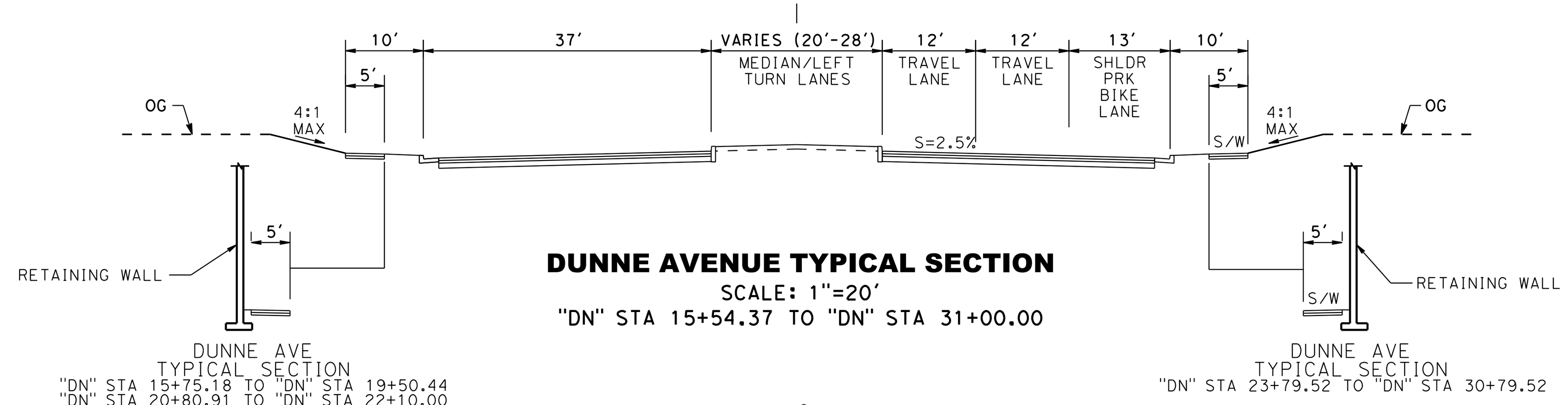
PROFILE - SAN PEDRO AVE "SP"
SCALE: 1"=200' HOR, 1"=100' VERT

NOTE:

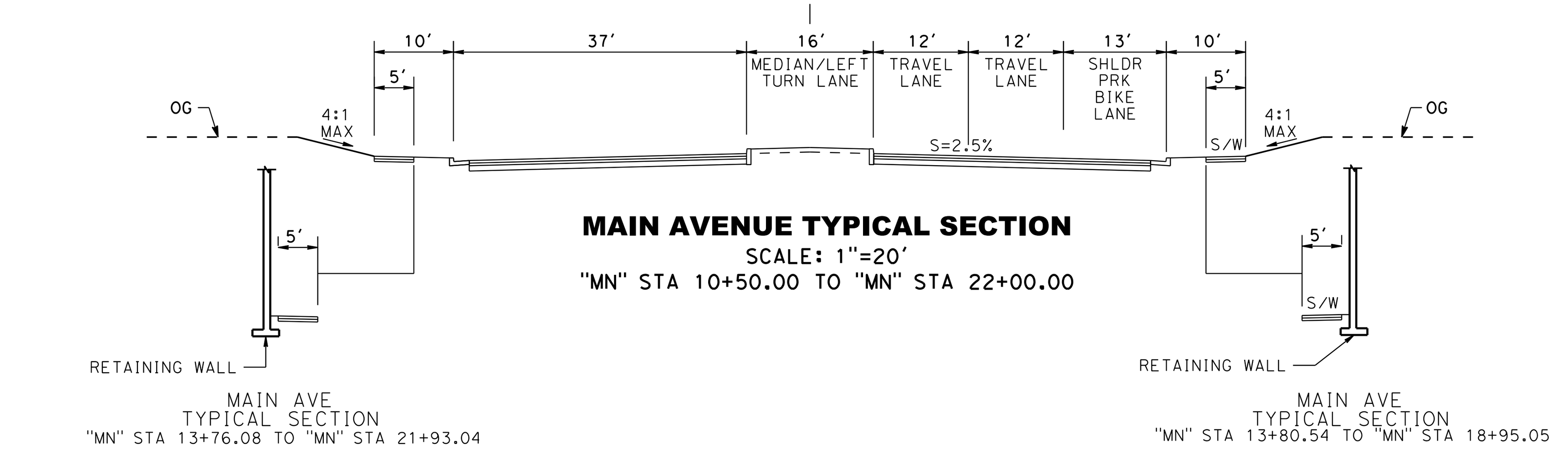
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



SAN PEDRO AVENUE TYPICAL SECTION
SCALE: 1"=20'
"SP" STA 13+00.00 TO "SP" STA 31+00.00



DUNNE AVENUE TYPICAL SECTION
SCALE: 1"=20'
"DN" STA 15+54.37 TO "DN" STA 31+00.00



MAIN AVENUE TYPICAL SECTION
SCALE: 1"=20'
"MN" STA 10+50.00 TO "MN" STA 22+00.00

SAN JOSE TO CVY EIR/S: VOLUME III
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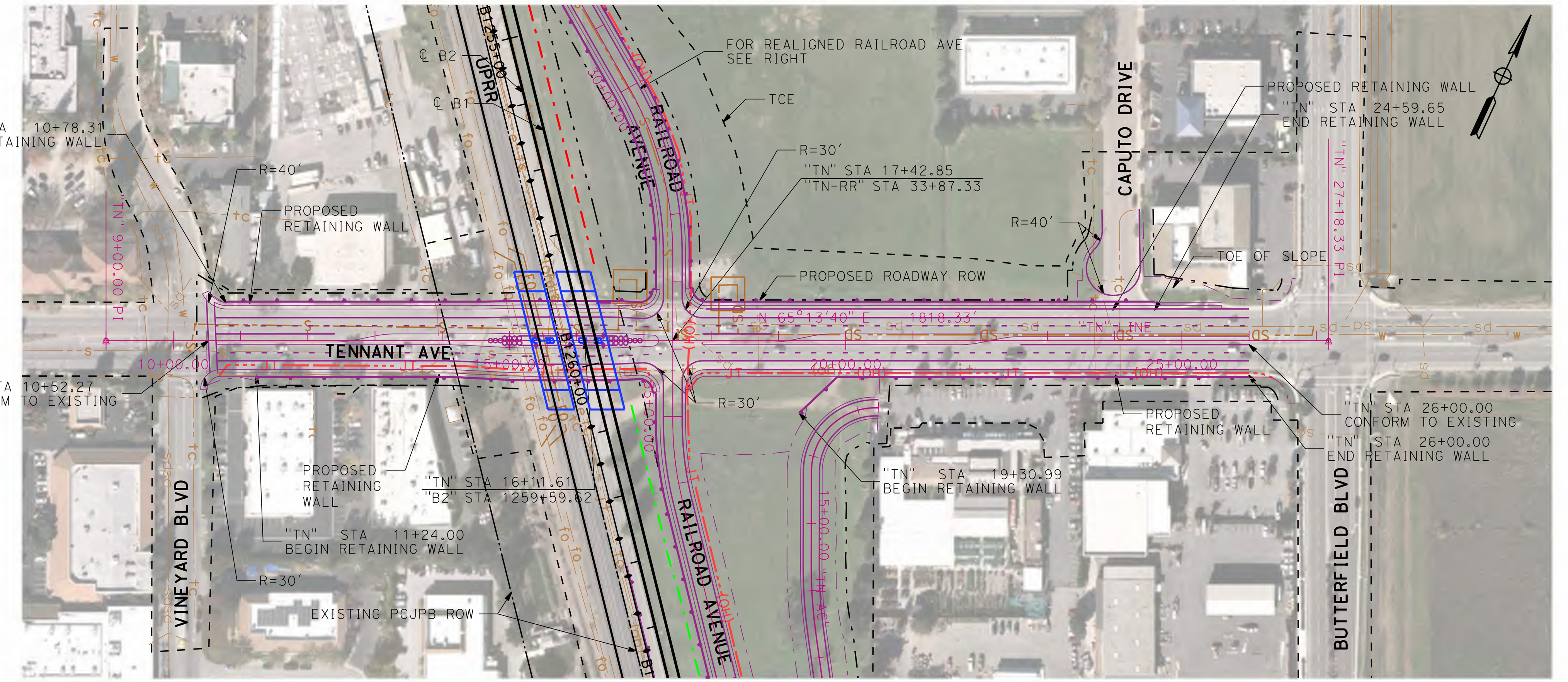
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

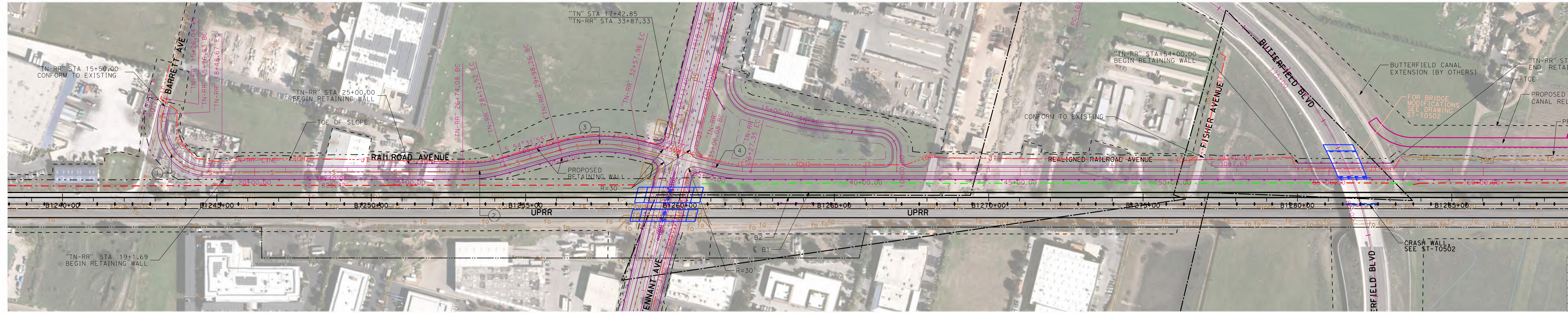
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
MAIN AVE, DUNNE AVE, AND SAN PEDRO AVE

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T0806
SCALE	AS SHOWN
SHEET NO.	



PLAN - TENNANT AVE "TN"

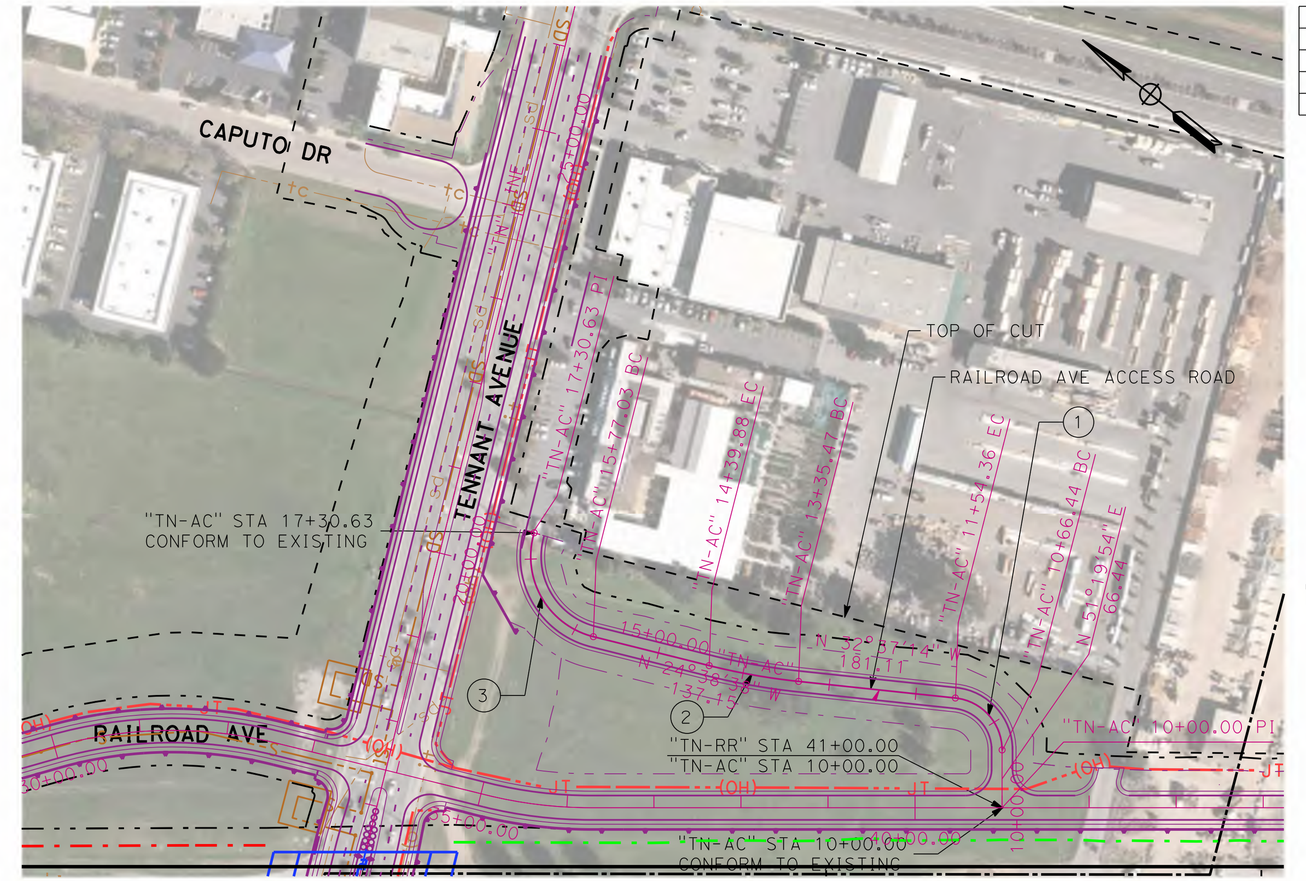
SCALE: 1"=200'



CURVE DATA "TN-RR"				
NO.	R	Δ	L	T
1	150	103°50'03.84"	271.838	191.42
2	500	15°51'48.15"	138.434	69.663
3	500	29°45'34.44"	259.701	132.851
4	500	13°53'46.29"	121.267	60.933
5	150	74°18'15.01"	194.528	113.659

PLAN - TENNANT AVE - RAILROAD AVE "TN-RR"

SCALE: 1"=200'



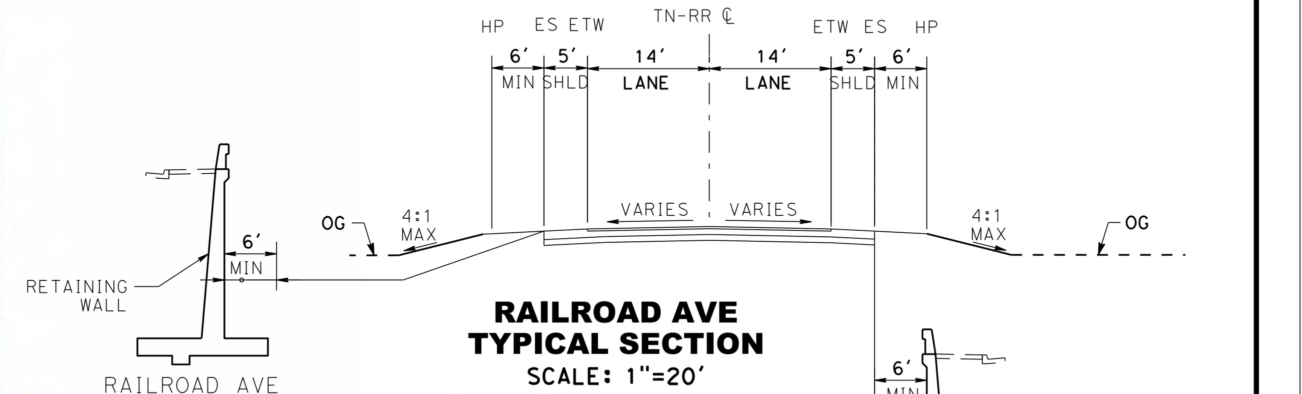
PLAN - RAILROAD ACCESS RD "TN-AC"

SCALE: 1"=200'

CURVE DATA "TN-AC"				
NO.	R	Δ	L	T
1	60	83°57'08.07"	87.915	53.979
2	750	7°58'36.12"	104.415	52.292
3	95	92°38'13.30"	153.60	99.476

NOTE:

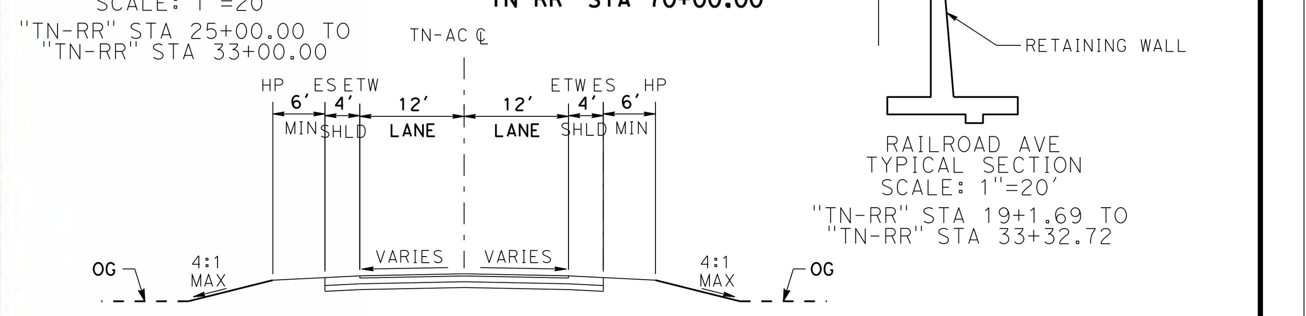
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



RAILROAD AVE TYPICAL SECTION

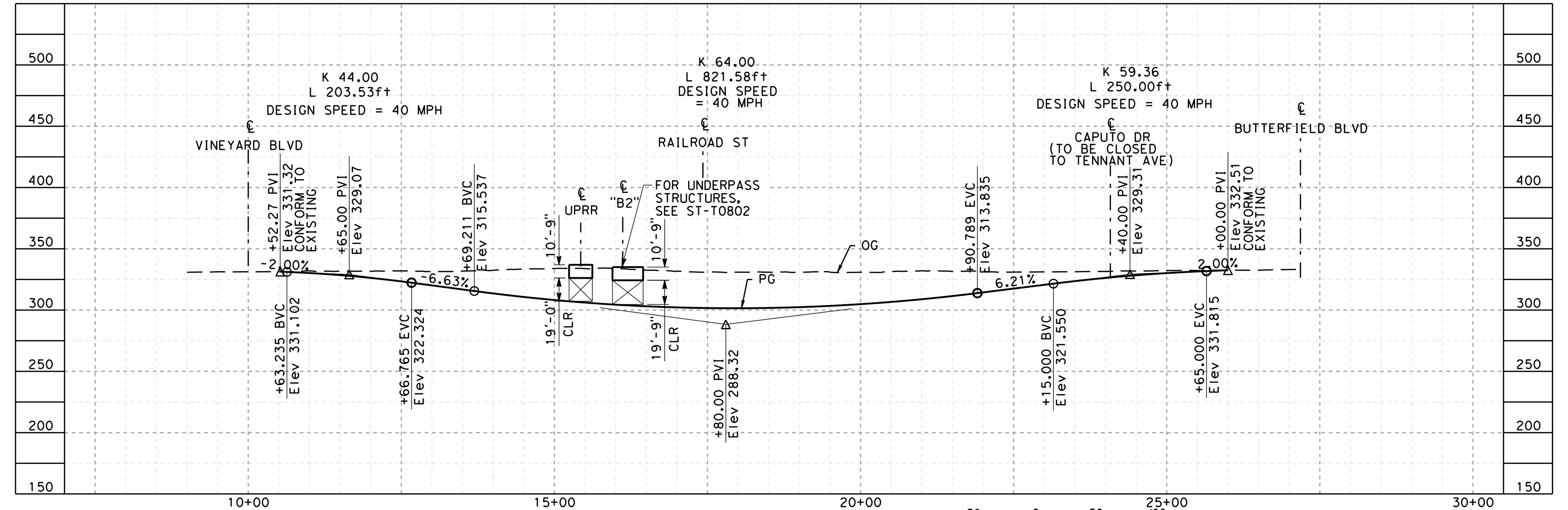
SCALE: 1"=20'

"TN-RR" STA 15+50.00 TO "TN-RR" STA 70+00.00



RAILROAD ACCESS RD TYPICAL SECTION

"TN-AC" STA 10+00.00 TO "TN-AC" STA 17+30.63



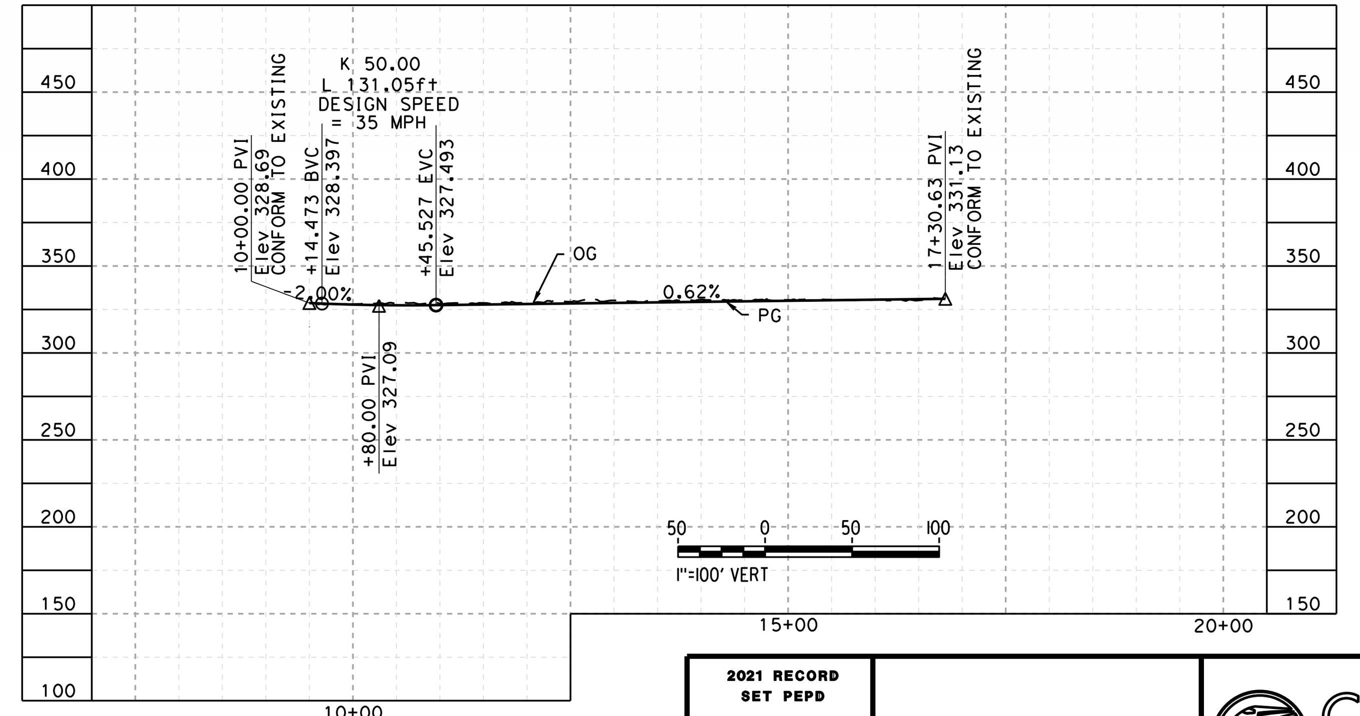
PROFILE - TENNANT AVE "TN"

SCALE: 1"=200' HOR, 1"=100' VERT

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 133 OF 285

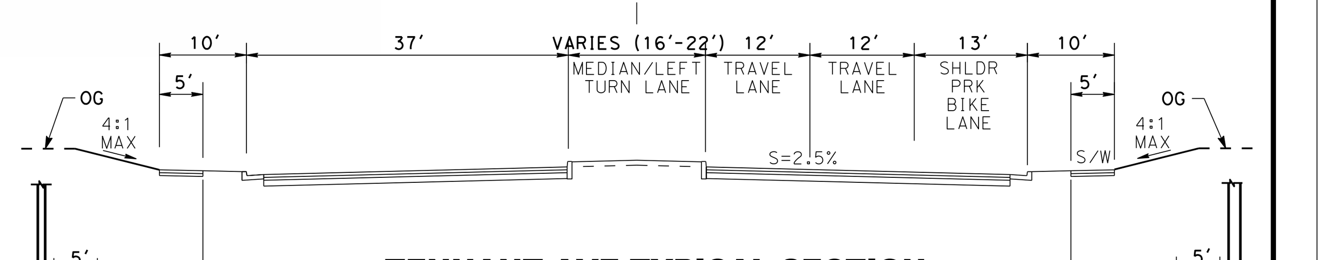
PROFILE - TENNANT AVE - RAILROAD AVE "TN-RR"

SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - RAILROAD ACCESS RD "TN-AC"

SCALE: 1"=200' HOR, 1"=100' VERT

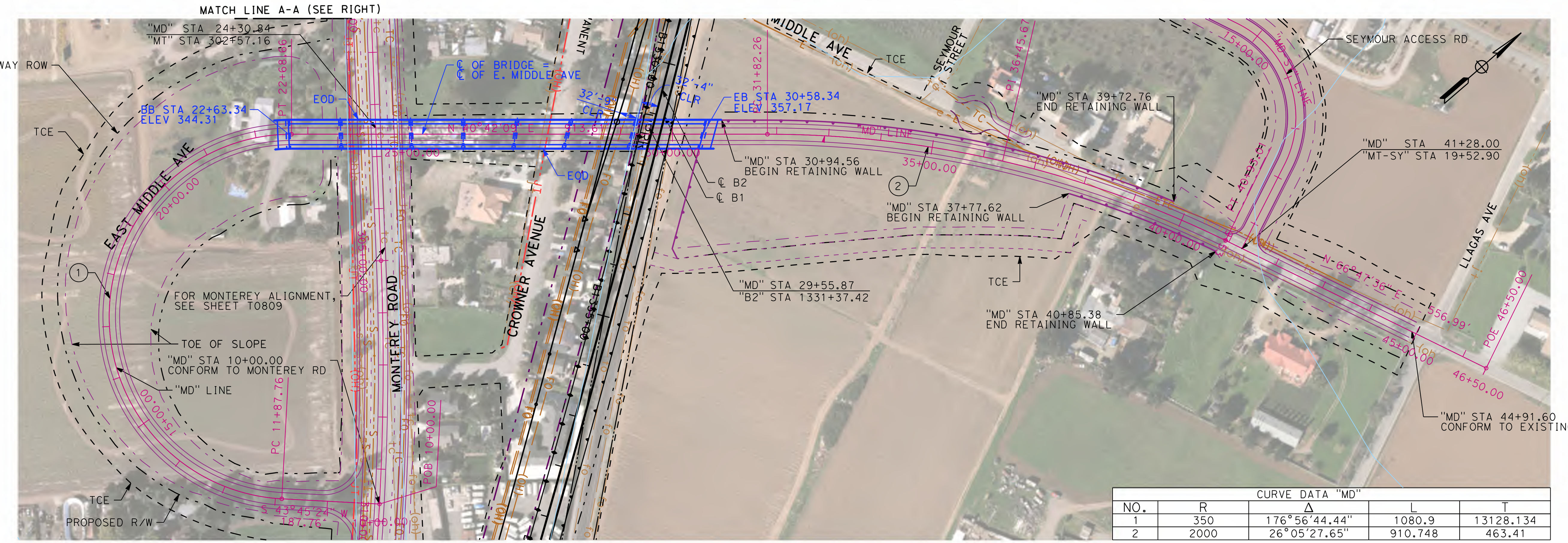


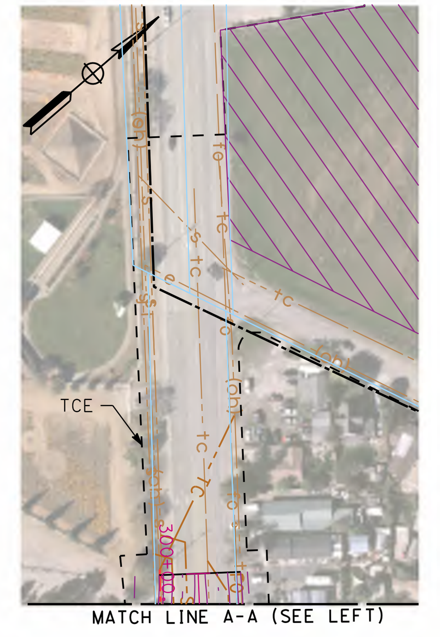
TENNANT AVE TYPICAL SECTION

SCALE: 1"=20'

"TN" STA 10+50.00 TO "TN" STA 26+00.00

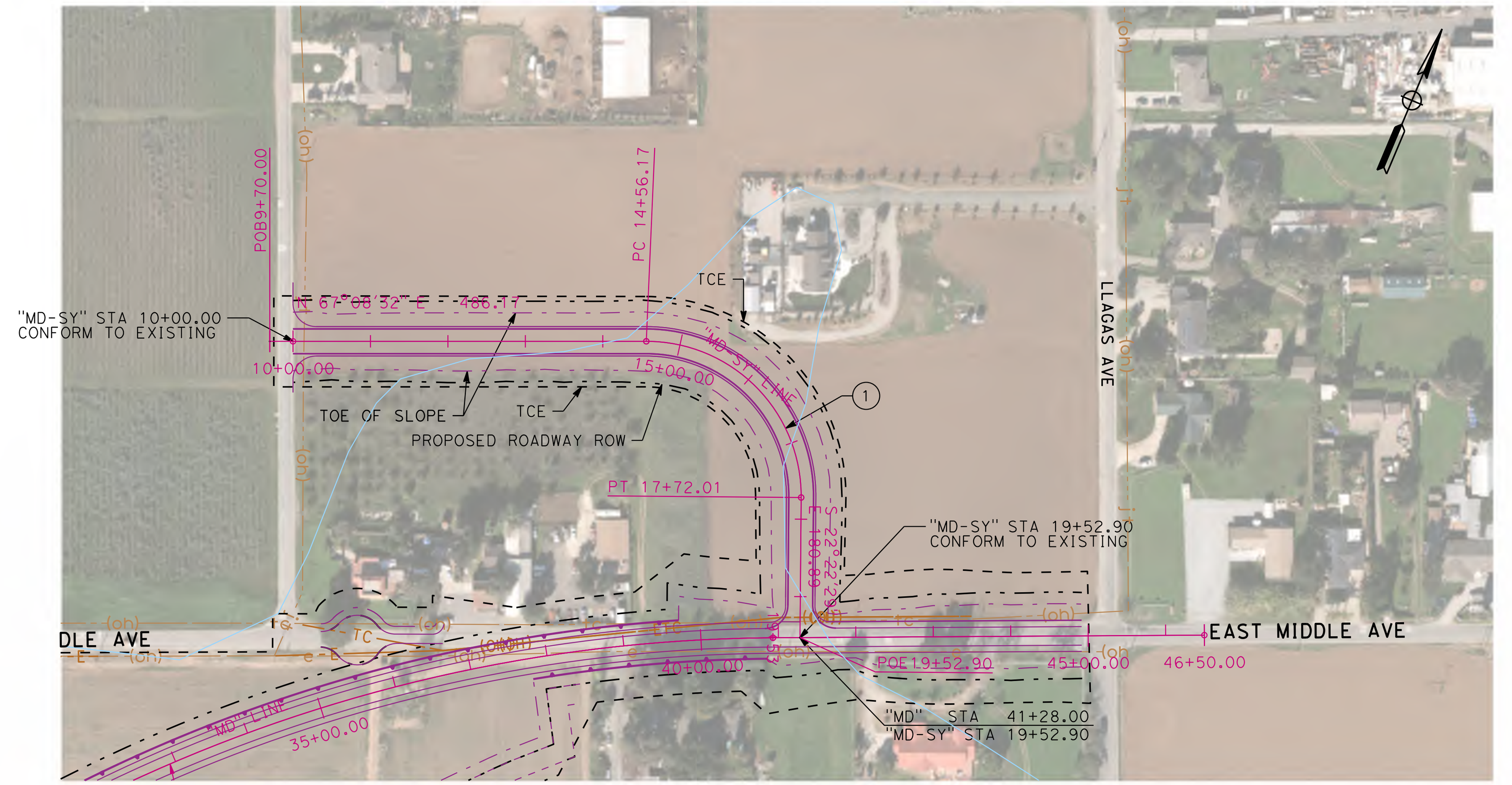
2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS TENNANT AVE AND RAILROAD AVE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T0807 SCALE AS SHOWN SHEET NO.





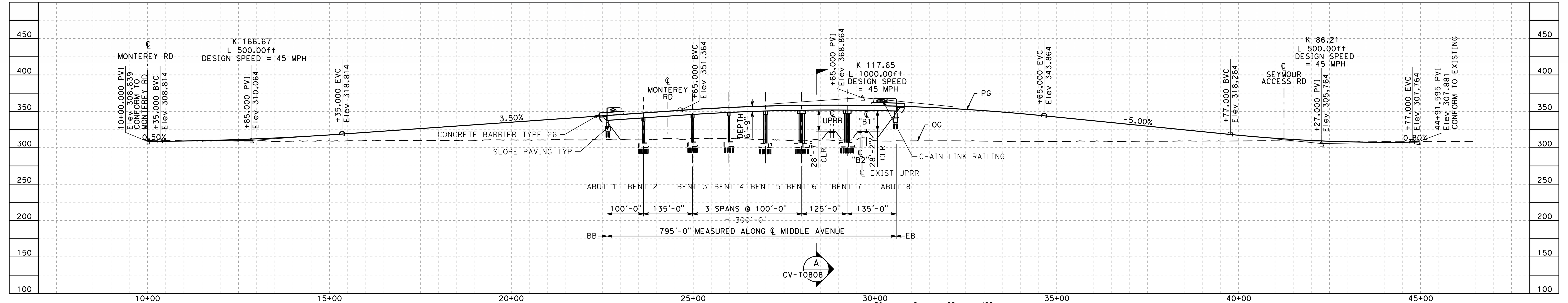
CURVE DATA "MD"				
NO.	R	Δ	L	T
1	350	176°56'44.44"	1080.9	13128.134
2	2000	26°05'27.65"	910.748	463.41

PLAN - E. MIDDLE "MD"
SCALE: 1"=200'

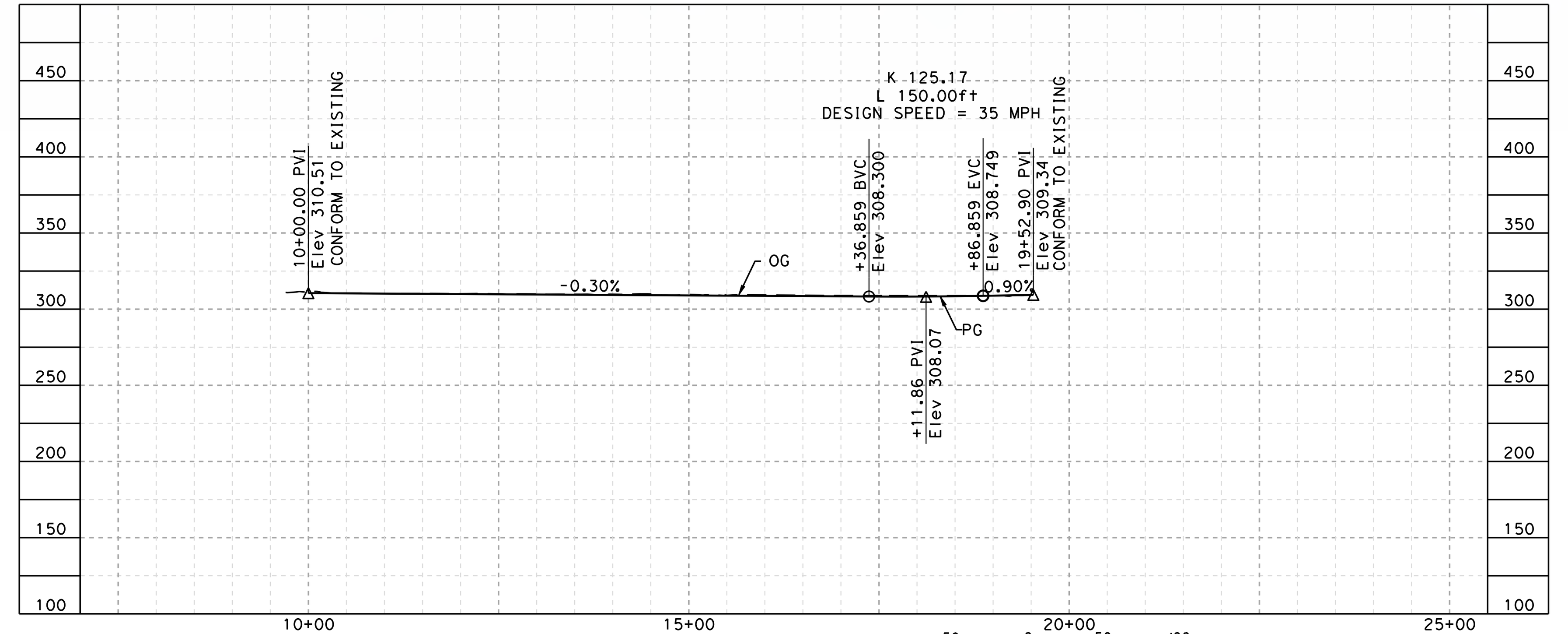


CURVE DATA "MD-SY"				
NO.	R	Δ	L	T
1	200	90°28'58.46"	315.845	201.693

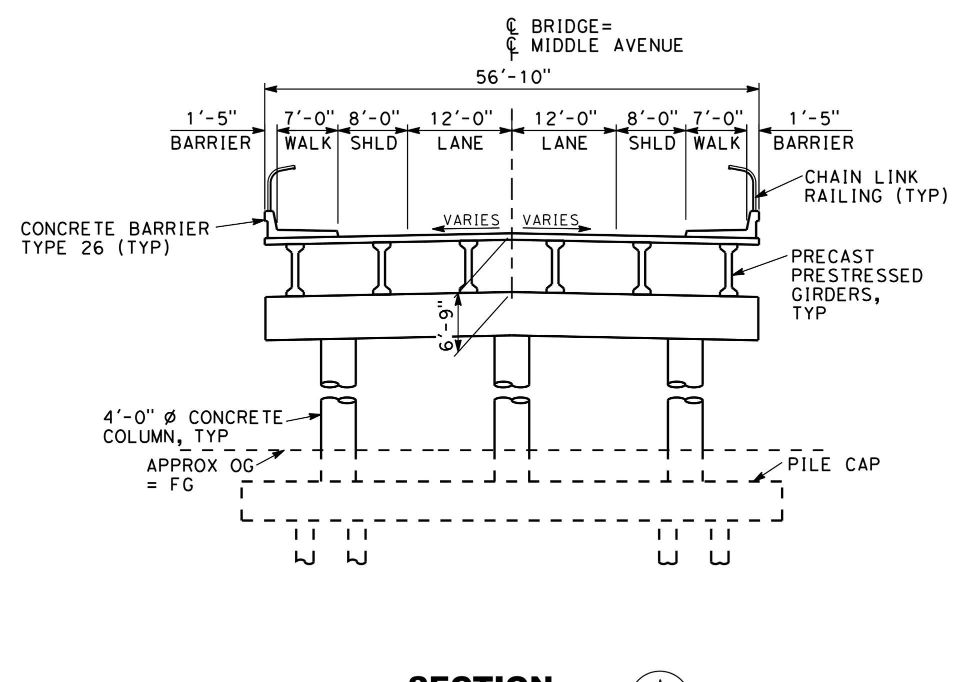
PLAN - SEYMOUR ACCESS RD "MD-SY"
SCALE: 1"=200'



PROFILE - E. MIDDLE "MD"
SCALE: 1"=200' HOR, 1"=100' VERT

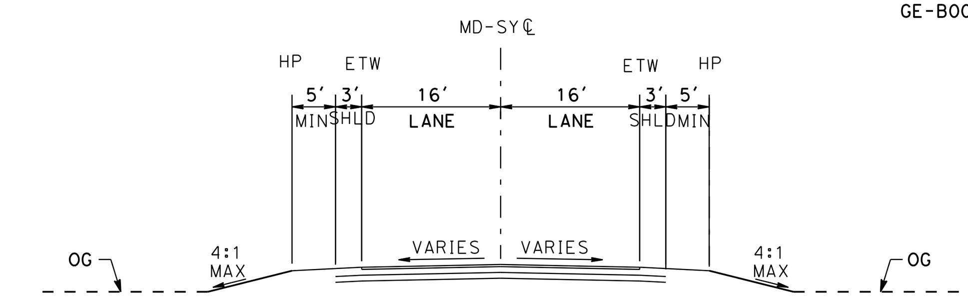


PROFILE - SEYMOUR ACCESS RD "MD-SY"
SCALE: 1"=200' HOR, 1"=100' VERT

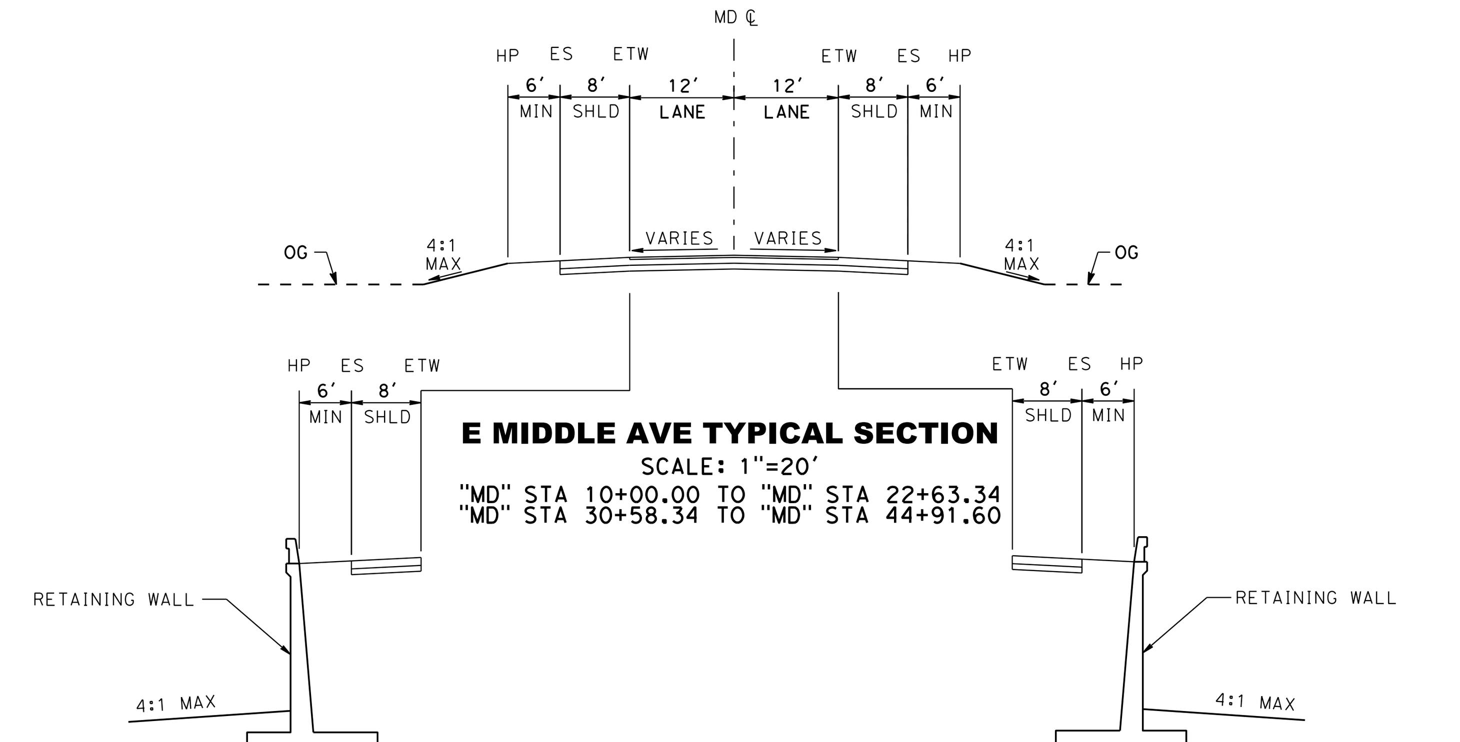


SECTION
SCALE: 1"=20'

NOTE:
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



SEYMOUR ACCESS RD TYPICAL SECTION
SCALE: 1"=20'
"MAR" STA 10+00.00 TO "MAR" STA 20+52.90



E MIDDLE AVE TYPICAL SECTION
SCALE: 1"=20'
"MD" STA 10+00.00 TO "MD" STA 22+63.34
"MD" STA 30+58.34 TO "MD" STA 44+91.60

EAST MIDDLE AVE TYPICAL SECTION
SCALE: 1"=20'
"ED" STA 30+94.56 TO "MD" STA 39+72.76

EAST MIDDLE AVE TYPICAL SECTION
SCALE: 1"=20'
"MD" STA 37+77.62 TO "MD" STA 40+85.38

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
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2021 RECORD SET PEPD
NOVEMBER 30, 2021
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HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

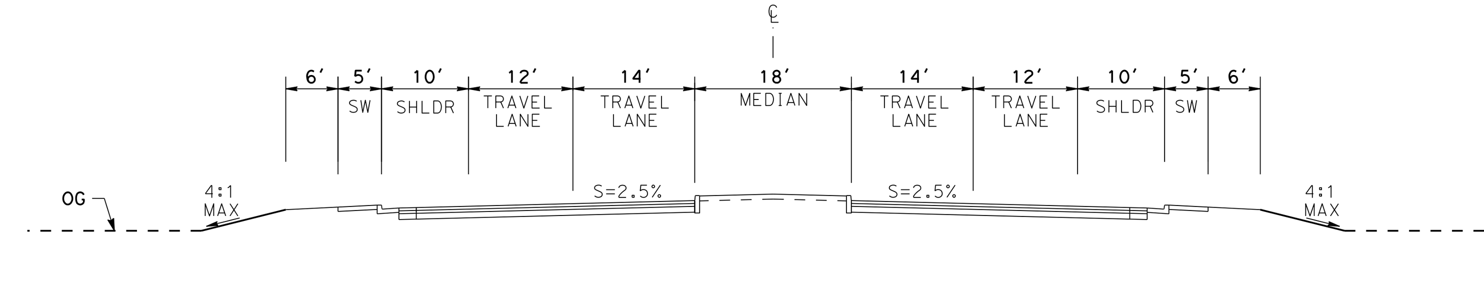
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
EAST MIDDLE AVE

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T0808
SCALE	AS SHOWN
SHEET NO.	

PLAN - MONTEREY AT E. MIDDLE "MR3"
SCALE: 1"=200'

CURVE DATA "MR3"				
NO.	R	Δ	L	T
1	5000	22°28'27.75"	1961.259	993.4
2	10000	5°03'10.97"	881.923	441.248

PROFILE - MONTEREY AT E. MIDDLE "MR3"
SCALE: 1"=200' HOR, 1"=100' VERT



MONTEREY RD TYPICAL SECTION
SCALE: 1"=20'
"MR3" STA 300+00.00 TO "MR3" STA 353+31.33

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 135 OF 285

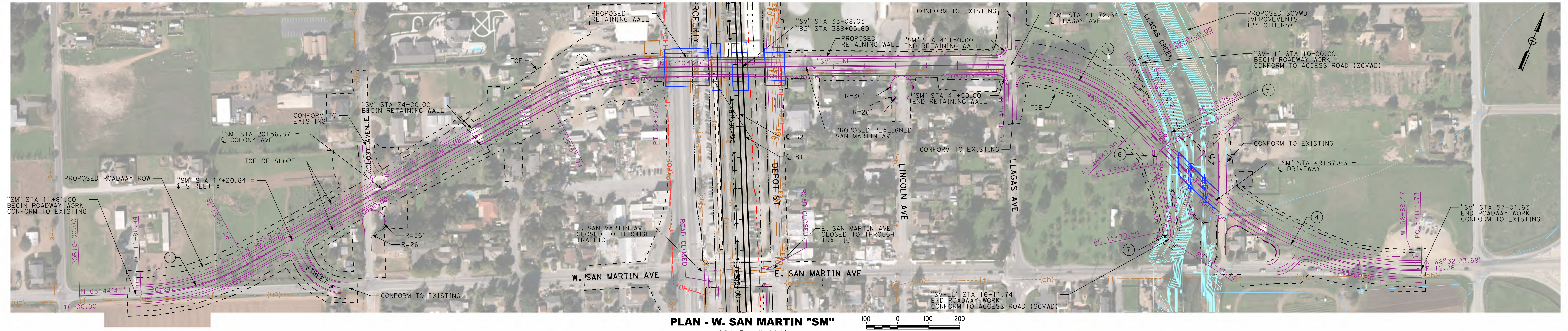
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
MONTEREY ROAD PAST EAST MIDDLE AVE

CONTRACT NO. HSR15-34
DRAWING NO. CV-T0809
SCALE AS SHOWN
SHEET NO.

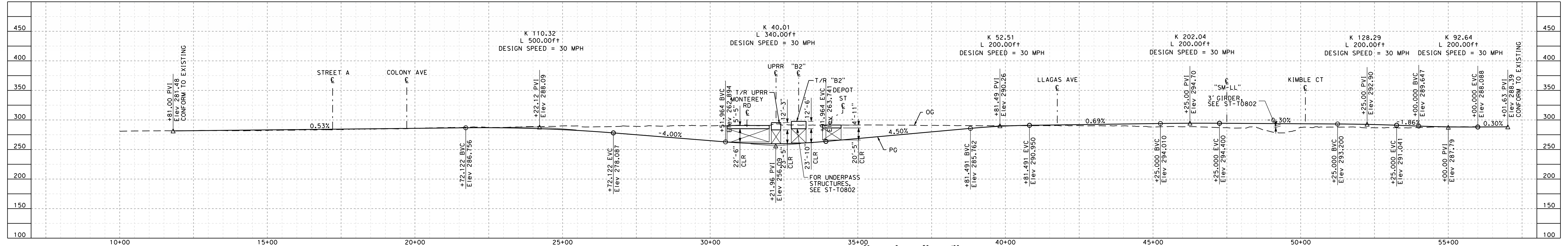


PLAN - W. SAN MARTIN "SM"

SCALE: 1"=200'

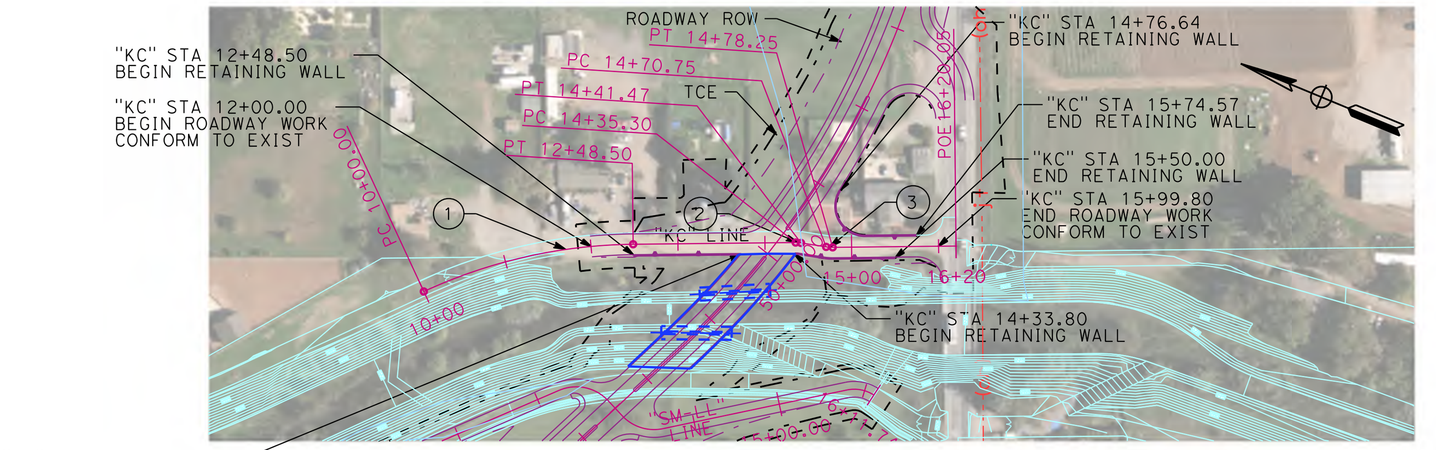
CURVE DATA "SM"				
NO.	R	Δ	L	T
1	750	27°32'08.76"	360.442	183.772
2	750	28°50'56.22"	377.632	192.909
3	600	47°27'34.70"	496.996	263.754
4	1000.335	47°58'39.60"	837.649	445.144

CURVE DATA "SM-LL"				
NO.	R	Δ	L	T
5	50	70°24'25.91"	61.442	35.276
6	50	58°55'50.10"	51.427	28.249
7	32	45°3'30.59"	25.165	13.274



PROFILE - W. SAN MARTIN "SM"

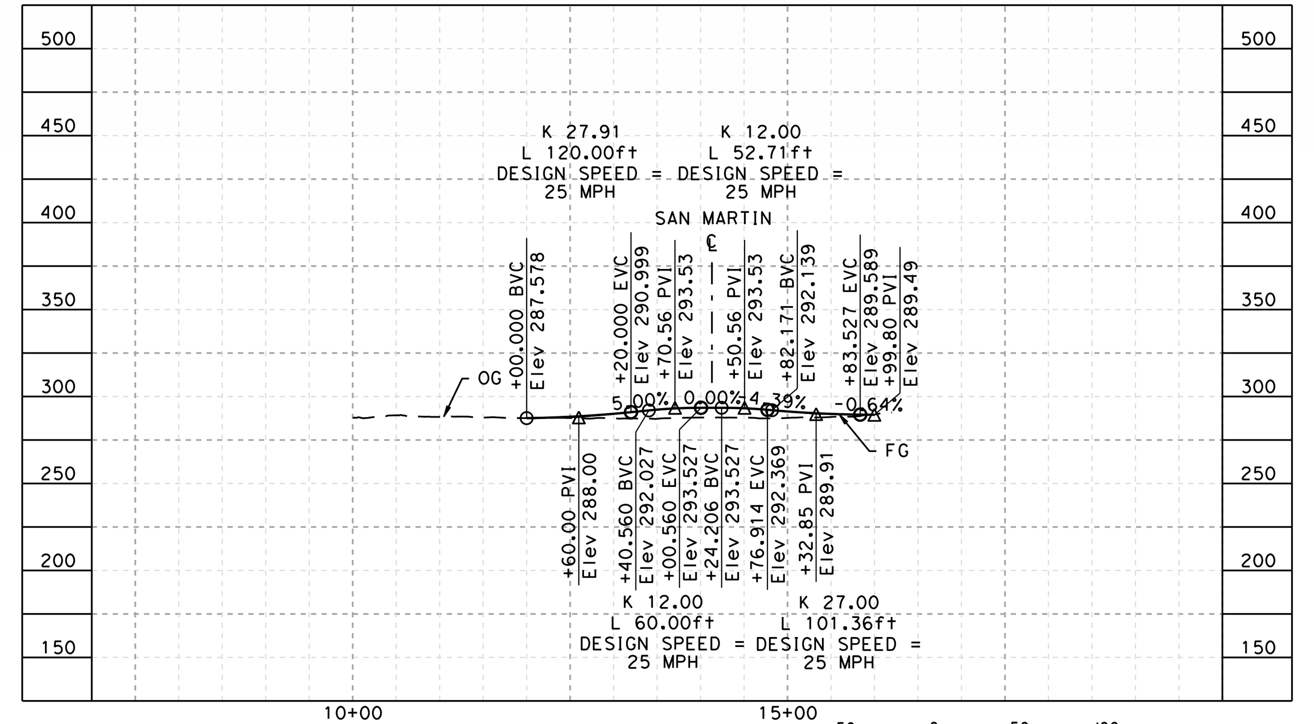
SCALE: 1"=200' HOR, 1"=100' VERT



PLAN - KIMBLE CT "KC"

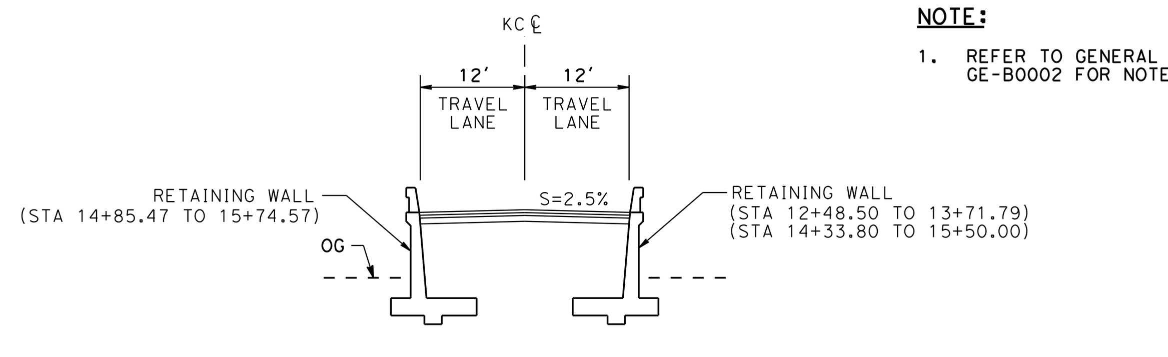
SCALE: 1"=200'

CURVE DATA "KC"				
NO.	R	Δ	L	T
1	587	24°15'20.32"	248.501	126.140
2	37	9°33'30.62"	6.173	3.093
3	45	9°33'30.62"	7.507	3.762



PROFILE - KIMBLE CT "KC"

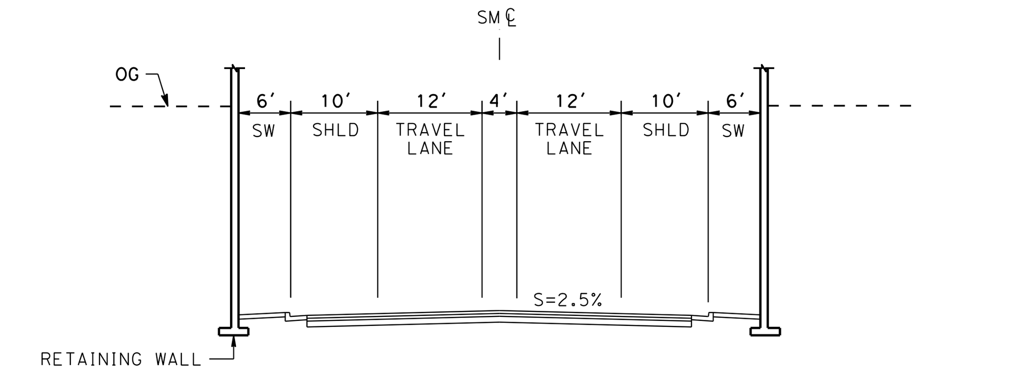
SCALE: 1"=200' HOR, 1"=100' VERT



KIMBLE CT TYPICAL SECTION

SCALE: 1"=20'

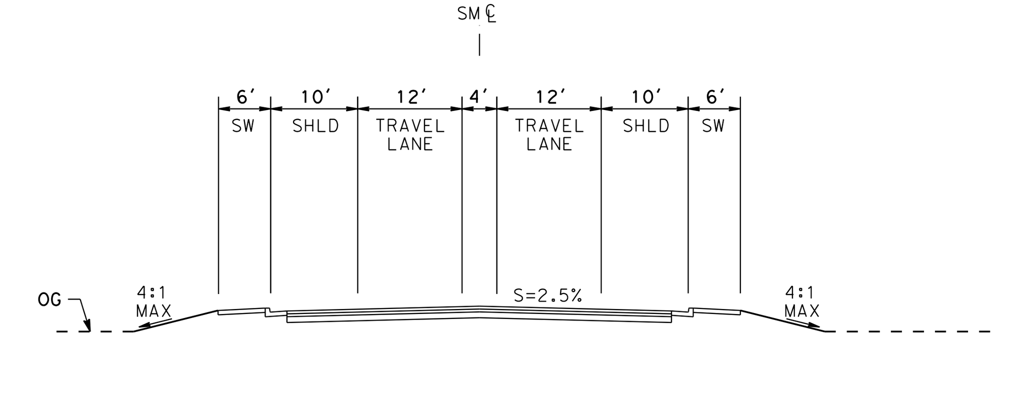
"KC" STA 12+00.00 TO "KC" STA 15+99.80



SAN MARTIN AVENUE TYPICAL SECTION

SCALE: 1"=20'

"SM" STA 24+00.00 TO "SM" STA 41+50.00



SAN MARTIN AVENUE TYPICAL SECTION

SCALE: 1"=20'

"SM" STA 11+81.00 TO "SM" STA 24+00.00

"SM" STA 41+50.00 TO "SM" STA 57+01.63

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
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2021 RECORD SET PEPD

NOVEMBER 30, 2021

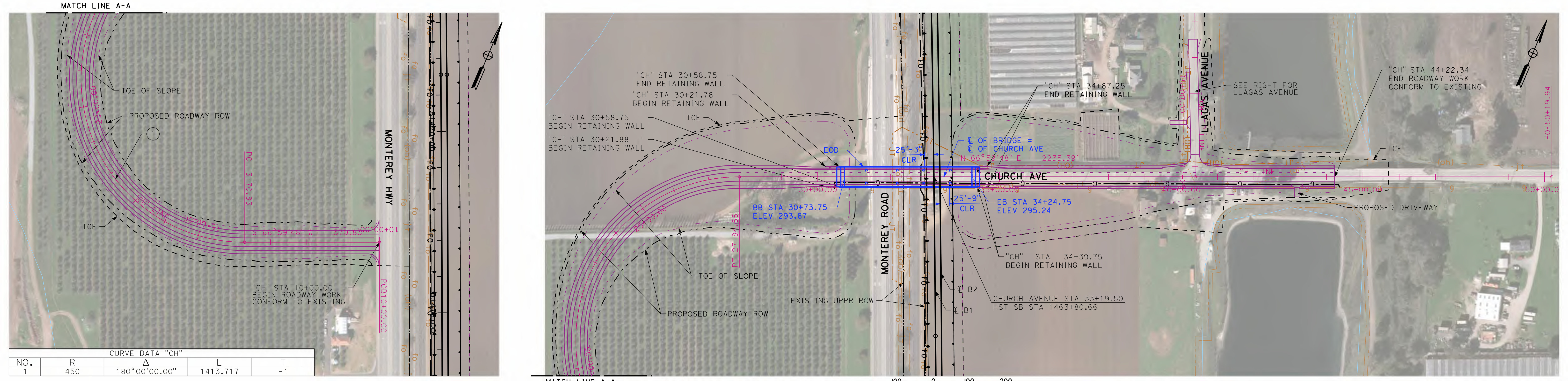
NOT FOR CONSTRUCTION

HNTB 1111 Broadway 9th Floor Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

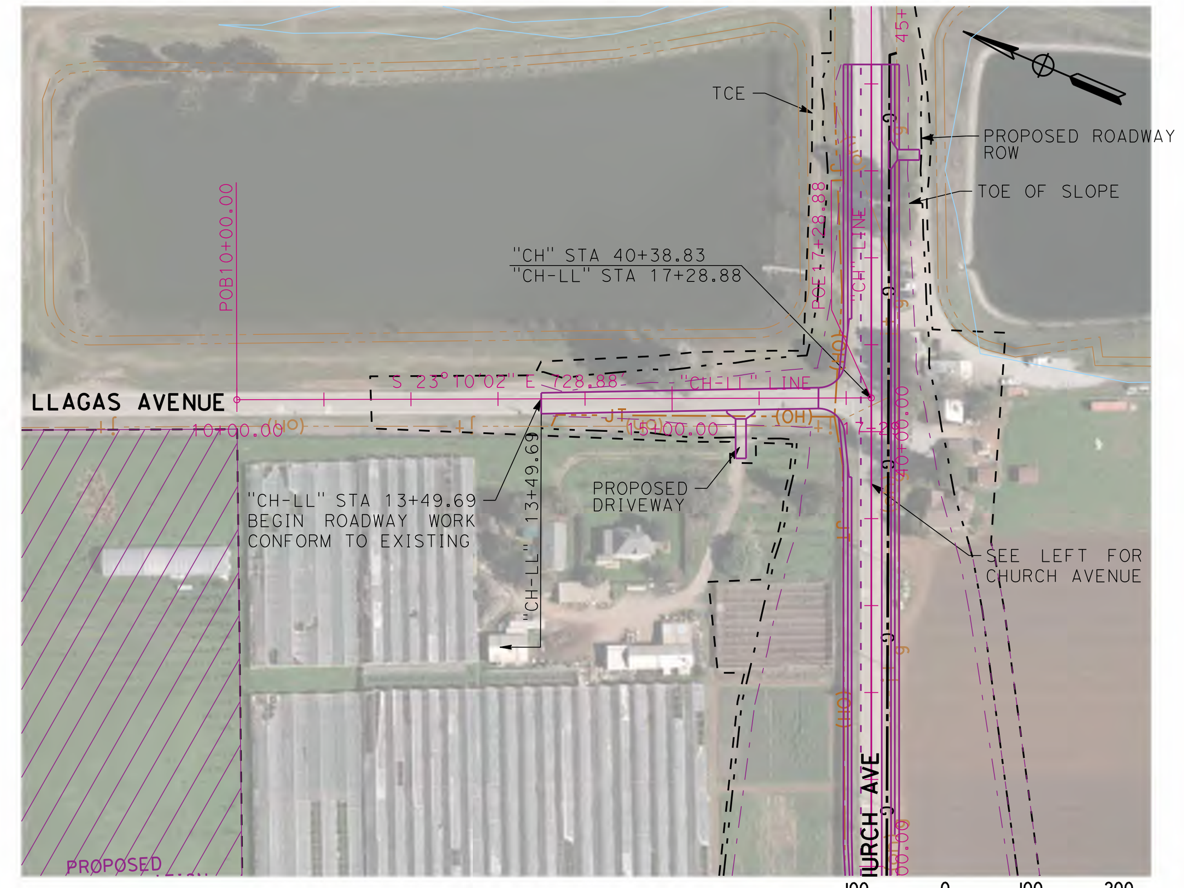
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
SAN MARTIN AVE AND KIMBLE CT

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T0810
SCALE	AS SHOWN
SHEET NO.	



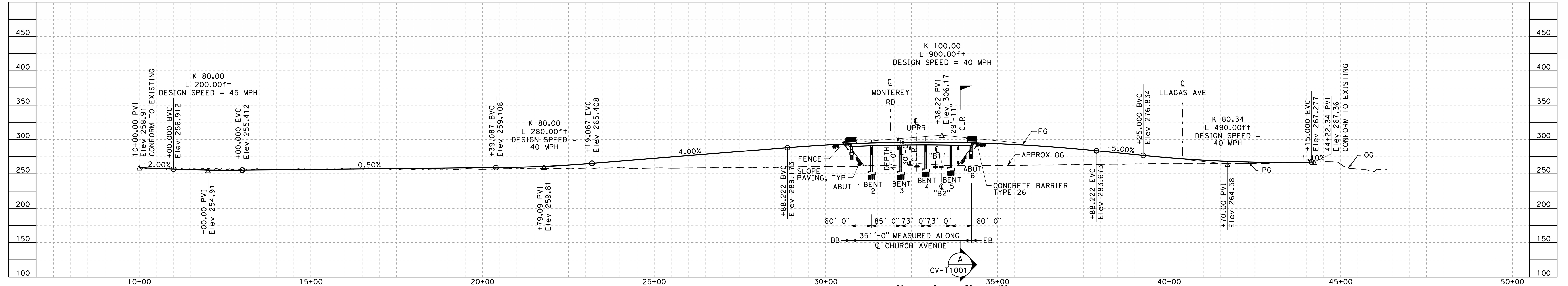
PLAN- CHURCH "CH"

SCALE: 1"=200'



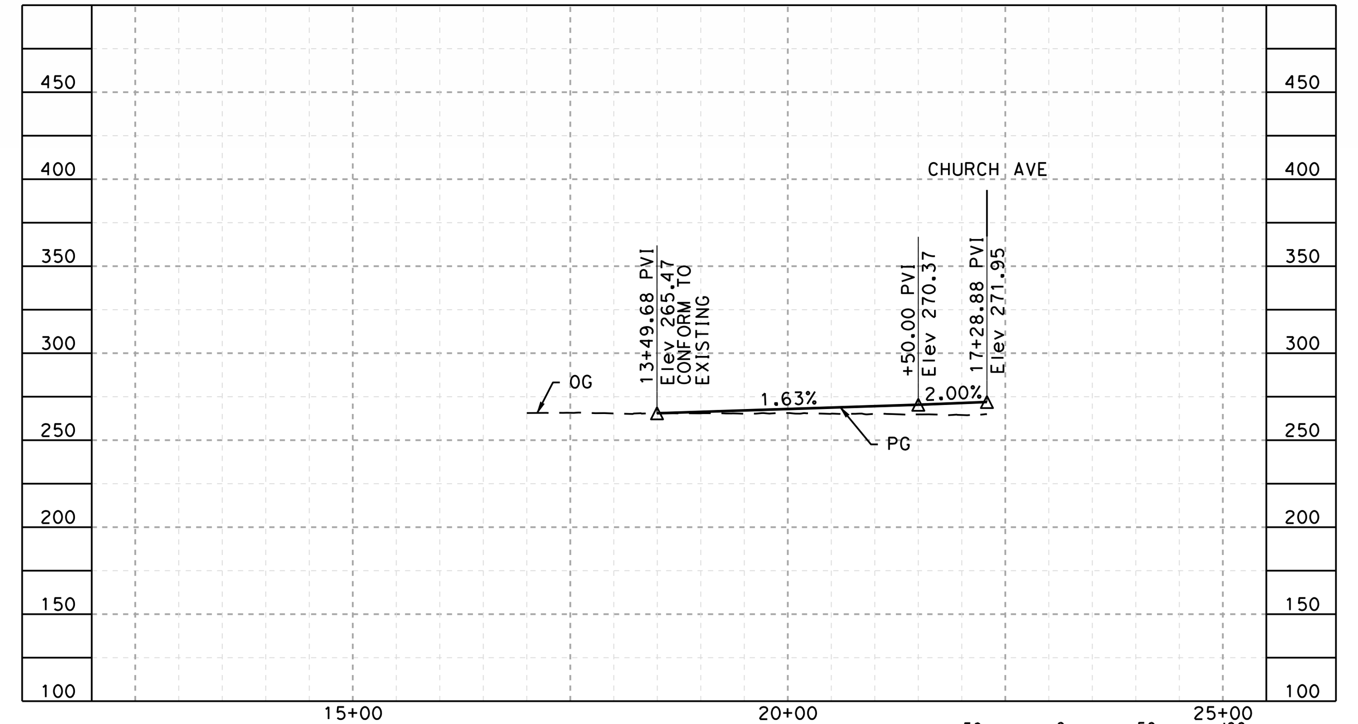
PLAN - LLAGAS AVE "CH-LL"

SCALE: 1"=200'



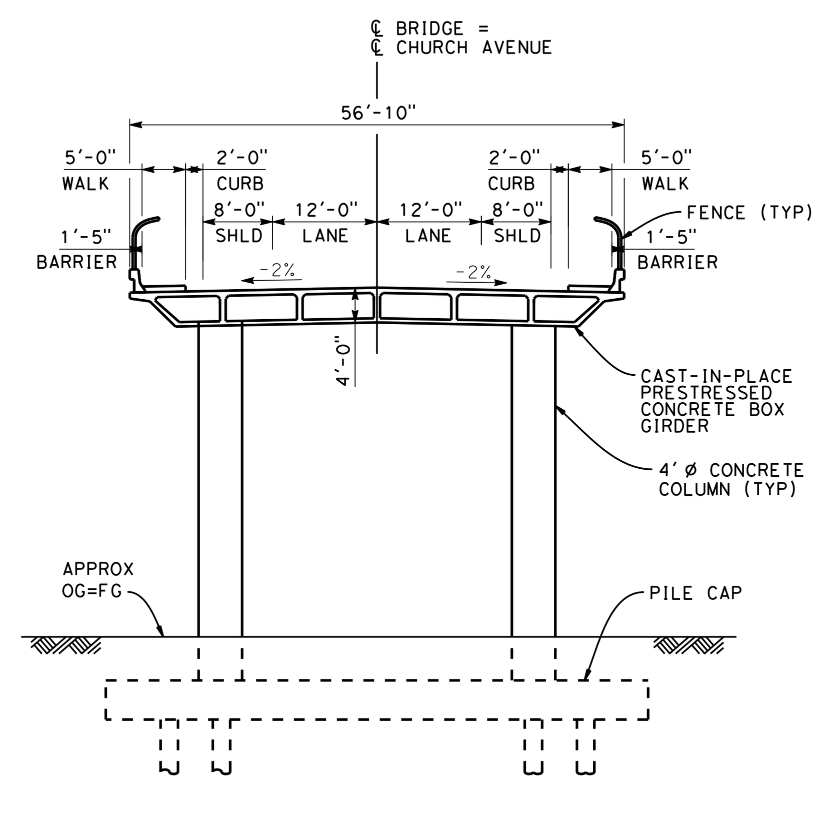
PROFILE - CHURCH "CH"

SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - LLAGAS AVE "CH-LL"

SCALE: 1"=200' HOR, 1"=100' VERT

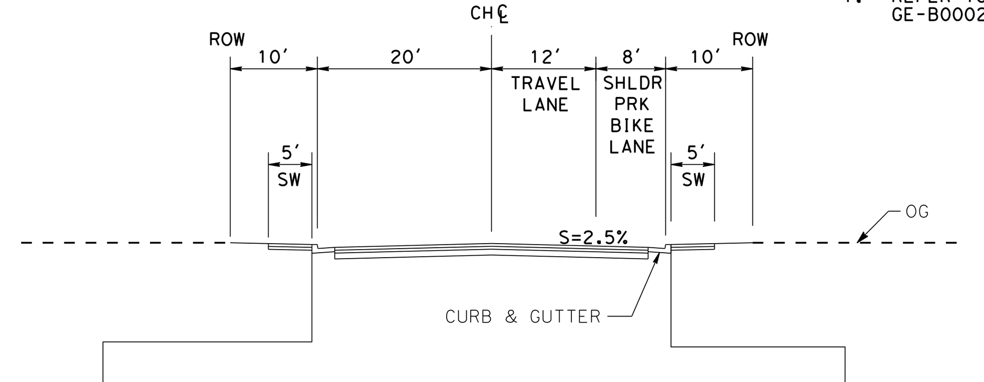


SECTION (A)

SCALE: 1"=20'

NOTE:

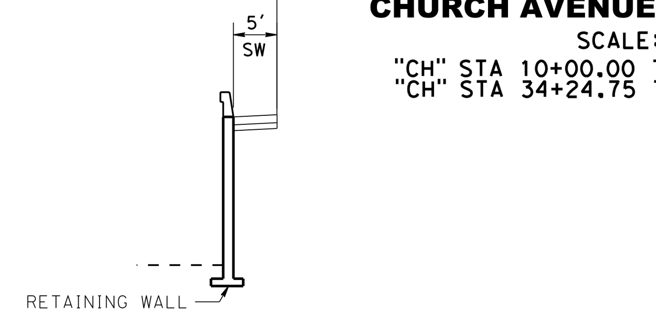
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



CHURCH AVENUE TYPICAL SECTION

SCALE: 1"=20'

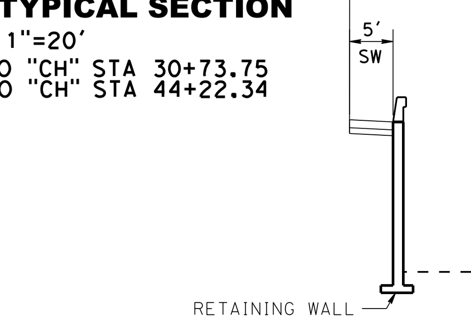
"CH" STA 10+00.00 TO "CH" STA 30+73.75
"CH" STA 34+24.75 TO "CH" STA 44+22.34



CHURCH AVE TYPICAL SECTION

SCALE: 1"=20'

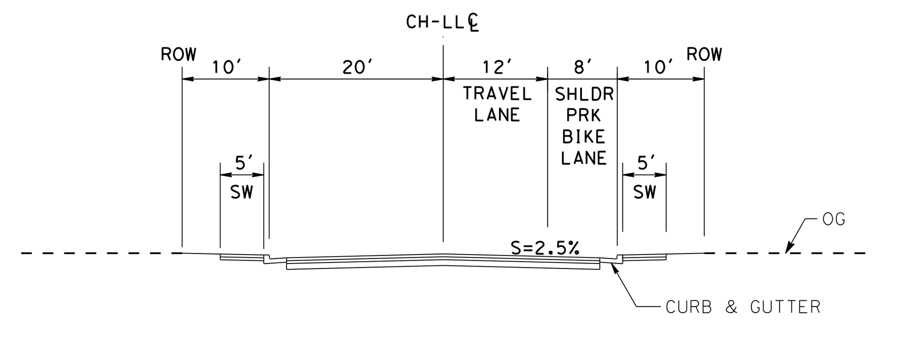
"CH" STA 28+69.51 TO "CH" STA 30+73.75
"CH" STA 34+24.75 TO "CH" STA 37+22.60



CHURCH AVE TYPICAL SECTION

SCALE: 1"=20'

"CH" STA 34+24.75 TO "CH" STA 38+14.69



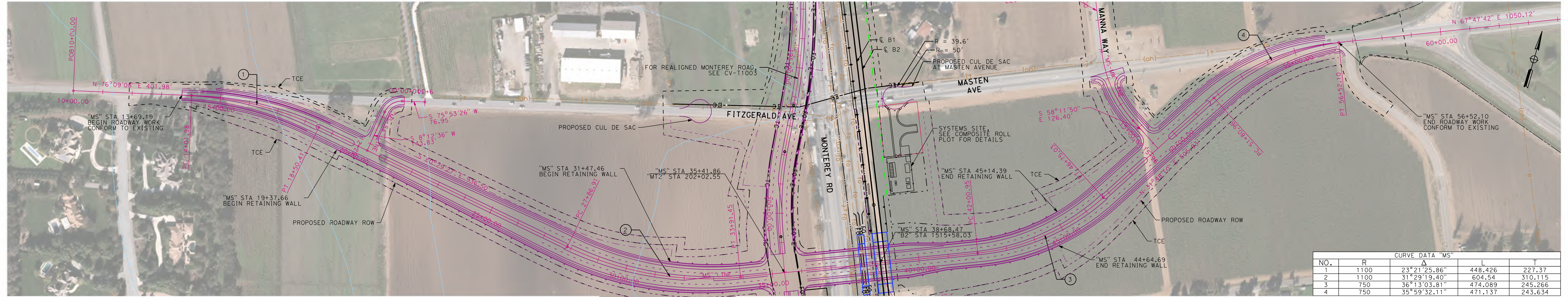
LLAGAS AVENUE TYPICAL SECTION

SCALE: 1"=20'

"CH-LL" STA 13+49.69 TO "CH-LL" STA 17+28.88

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 137 OF 285

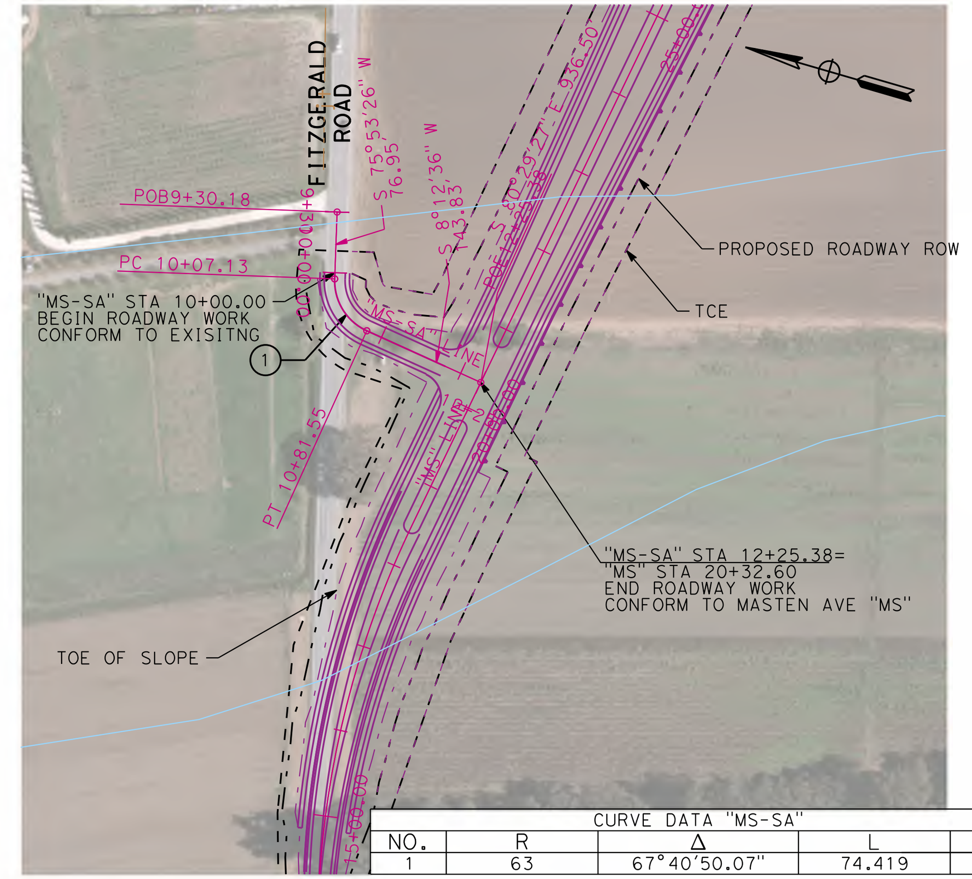
2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS CHURCH AVE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T1001 SCALE AS SHOWN SHEET NO.



CURVE DATA "MS"				
NO.	R	Δ	L	T
1	1100	23°21′25.86″	448.426	227.37
2	1100	31°29′19.40″	604.54	310.115
3	750	36°13′03.81″	474.089	245.266
4	750	35°59′32.11″	471.137	243.634

PLAN - MASTEN AVE "MS"

SCALE: 1"=200'

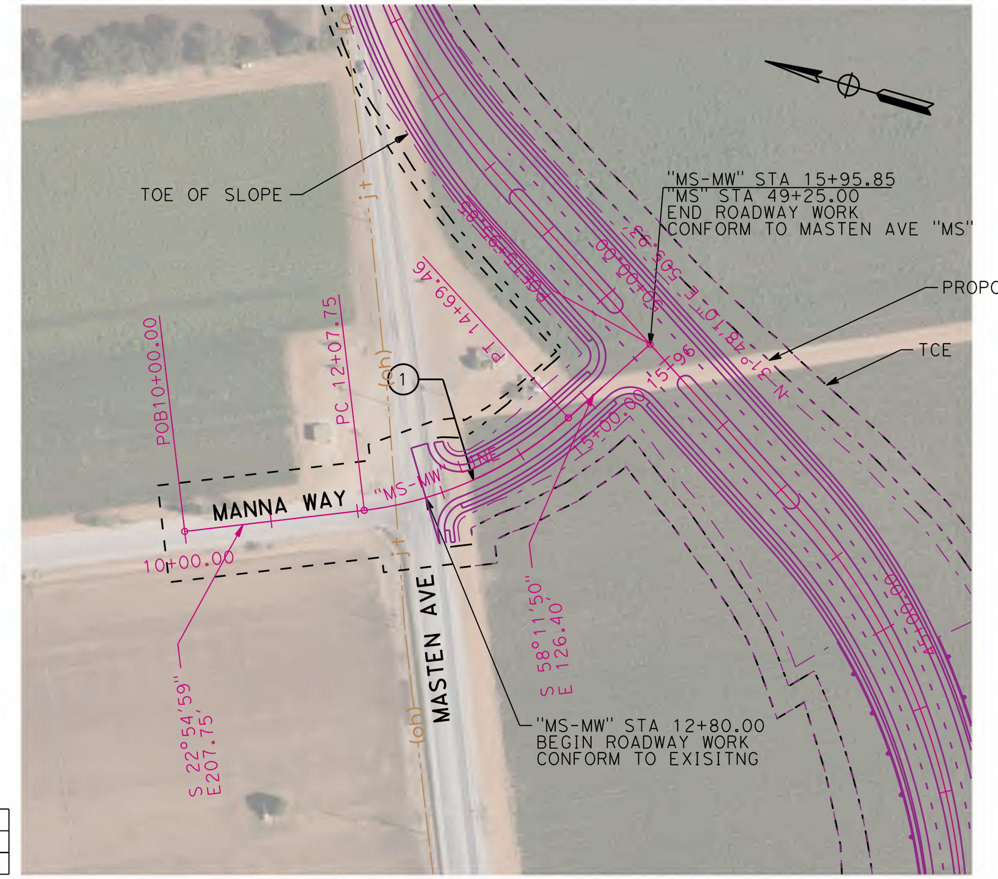


CURVE DATA "MS-SA"				
NO.	R	Δ	L	T
1	63	67°40′50.07″	74.419	42.239

PLAN - MASTEN-SA "MS-SA"

SCALE: 1"=200'

1"=200' HOR



PLAN - MANNA WAY "MS-MW"

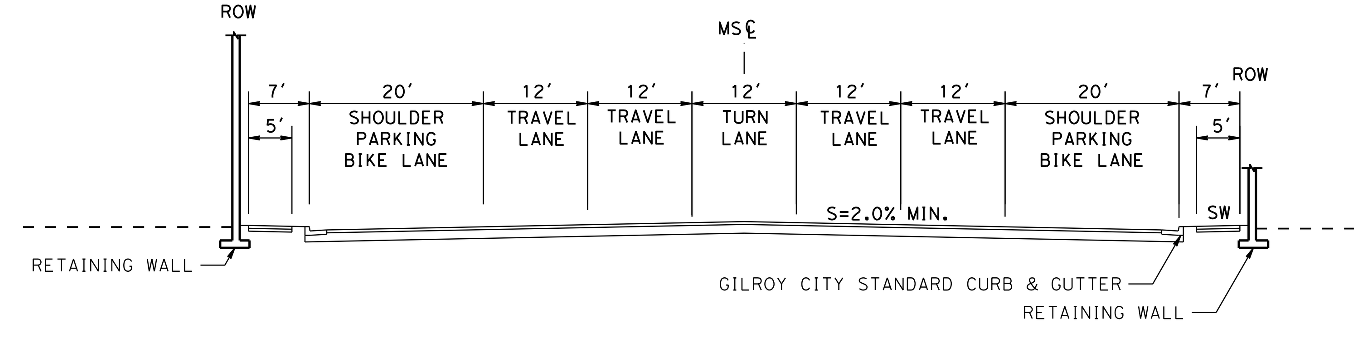
SCALE: 1"=200'

1"=200' HOR

CURVE DATA "MS-MW"				
NO.	R	Δ	L	T
1	425	35°16′51.25″	261.701	135.148

NOTE:

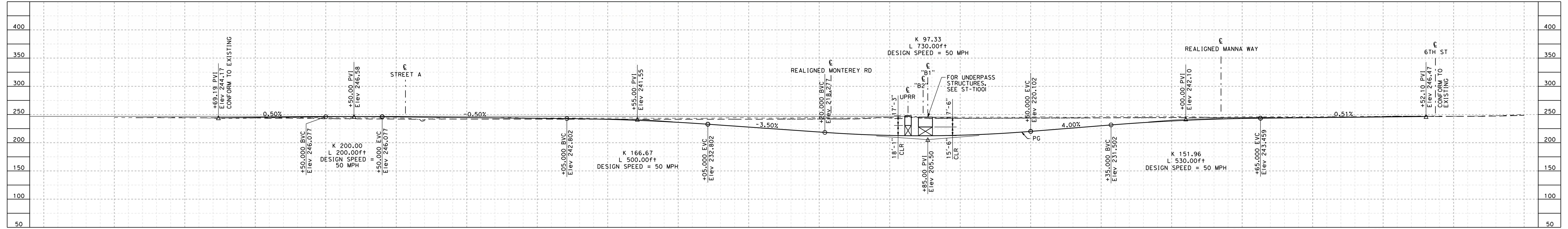
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



MASTEN AVENUE TYPICAL SECTION

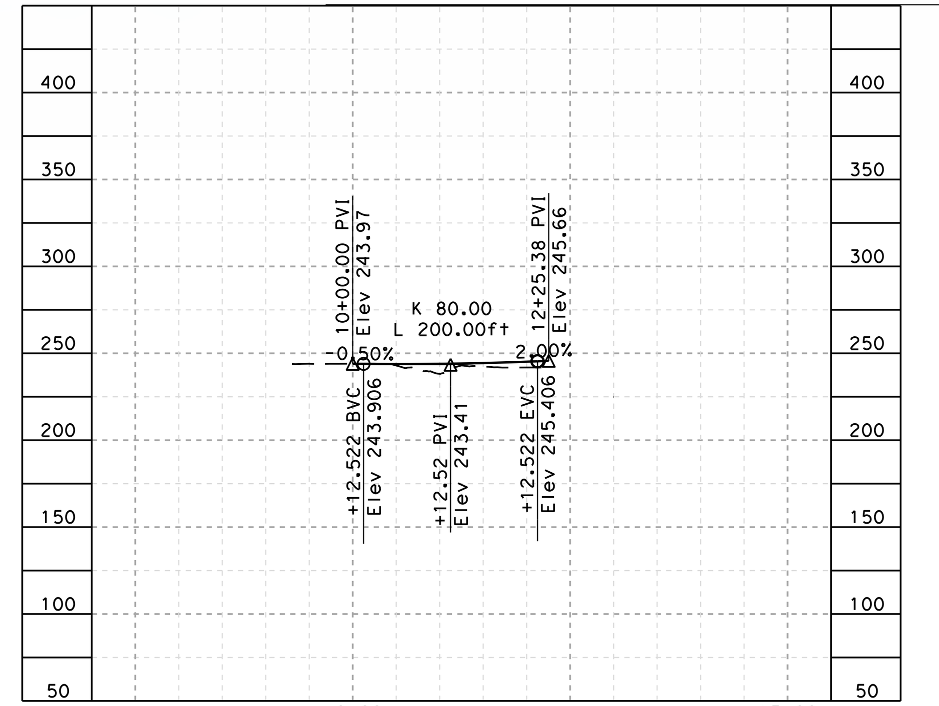
SCALE: 1"=20'

"MS" STA 36+00.00 TO "MS" STA 39+68.23



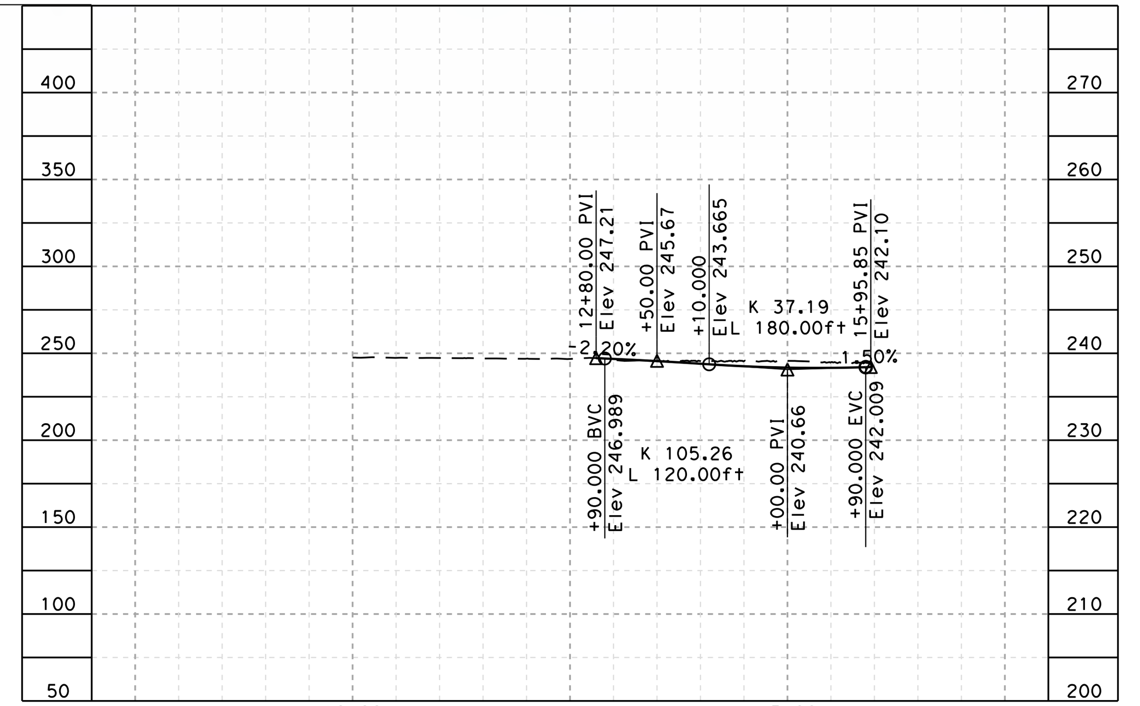
PROFILE- MASTEN AVE "MS"

SCALE: 1"=200' HOR, 1"=100' VERT



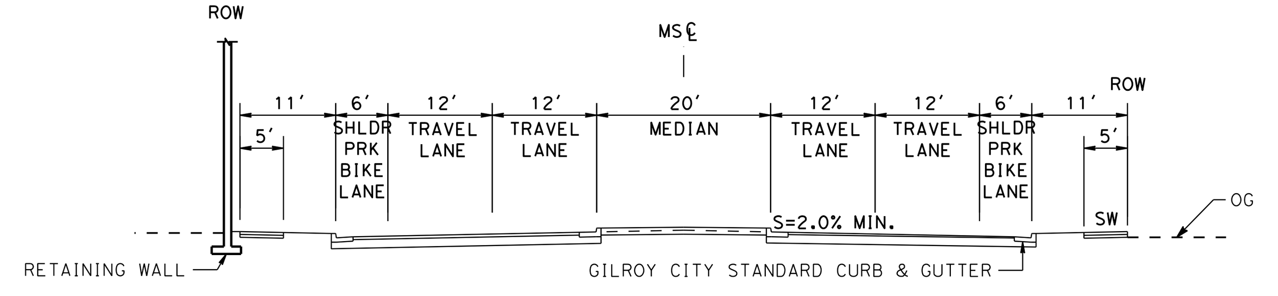
PROFILE- MASTEN AVE "MS-SA"

SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - MANNA WAY "MS-MW"

SCALE: 1"=200' HOR, 1"=100' VERT



MASTEN AVENUE TYPICAL SECTION

SCALE: 1"=20'

"MS" STA 34+69.19 TO "MS" STA 36+00.00
"MS" STA 39+68.23 TO "MS" STA 56+71.28

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 138 OF 285

2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

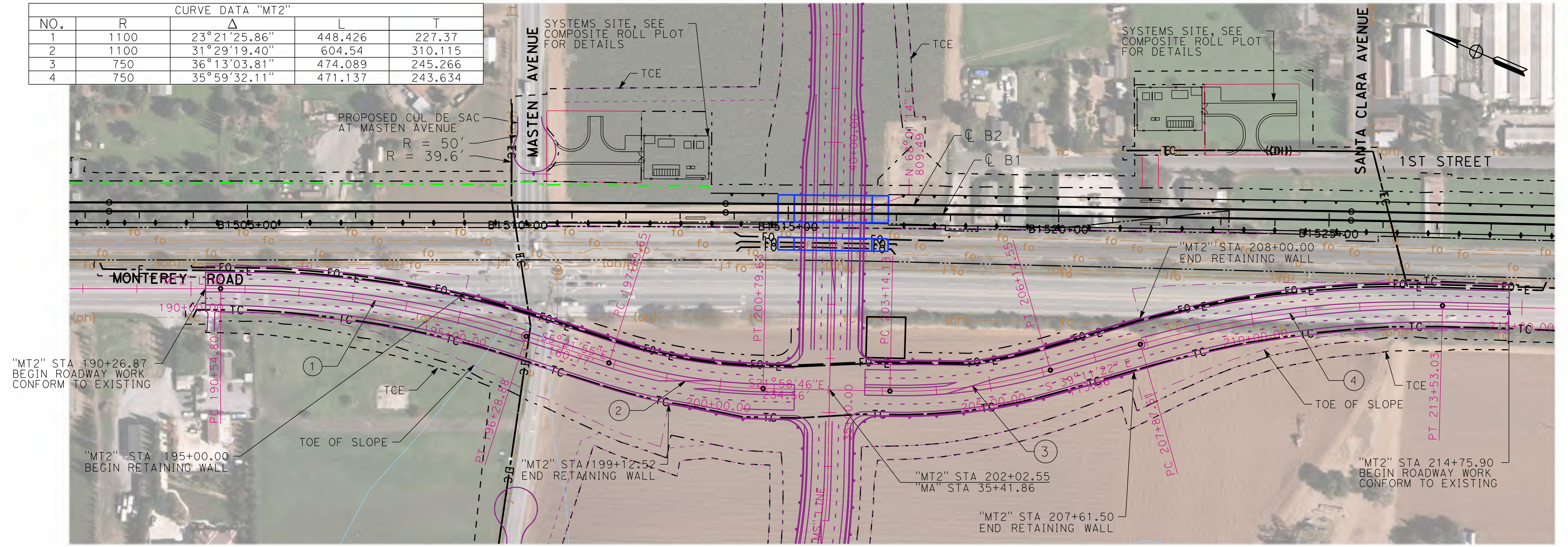
HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

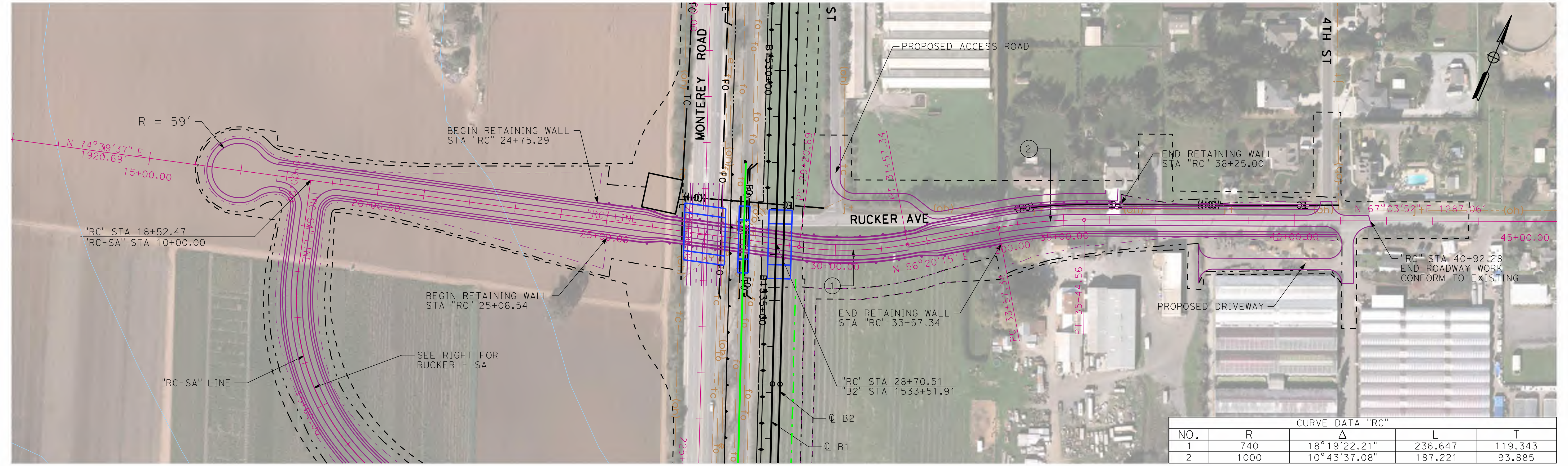
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
MASTEN AVE

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T1002
SCALE	AS SHOWN
SHEET NO.	

CURVE DATA "MT2"				
NO.	R	Δ	L	T
1	1100	23°21′25.86"	448.426	227.37
2	1100	31°29′19.40"	604.54	310.115
3	750	36°13′03.81"	474.089	245.266
4	750	35°59′32.11"	471.137	243.634

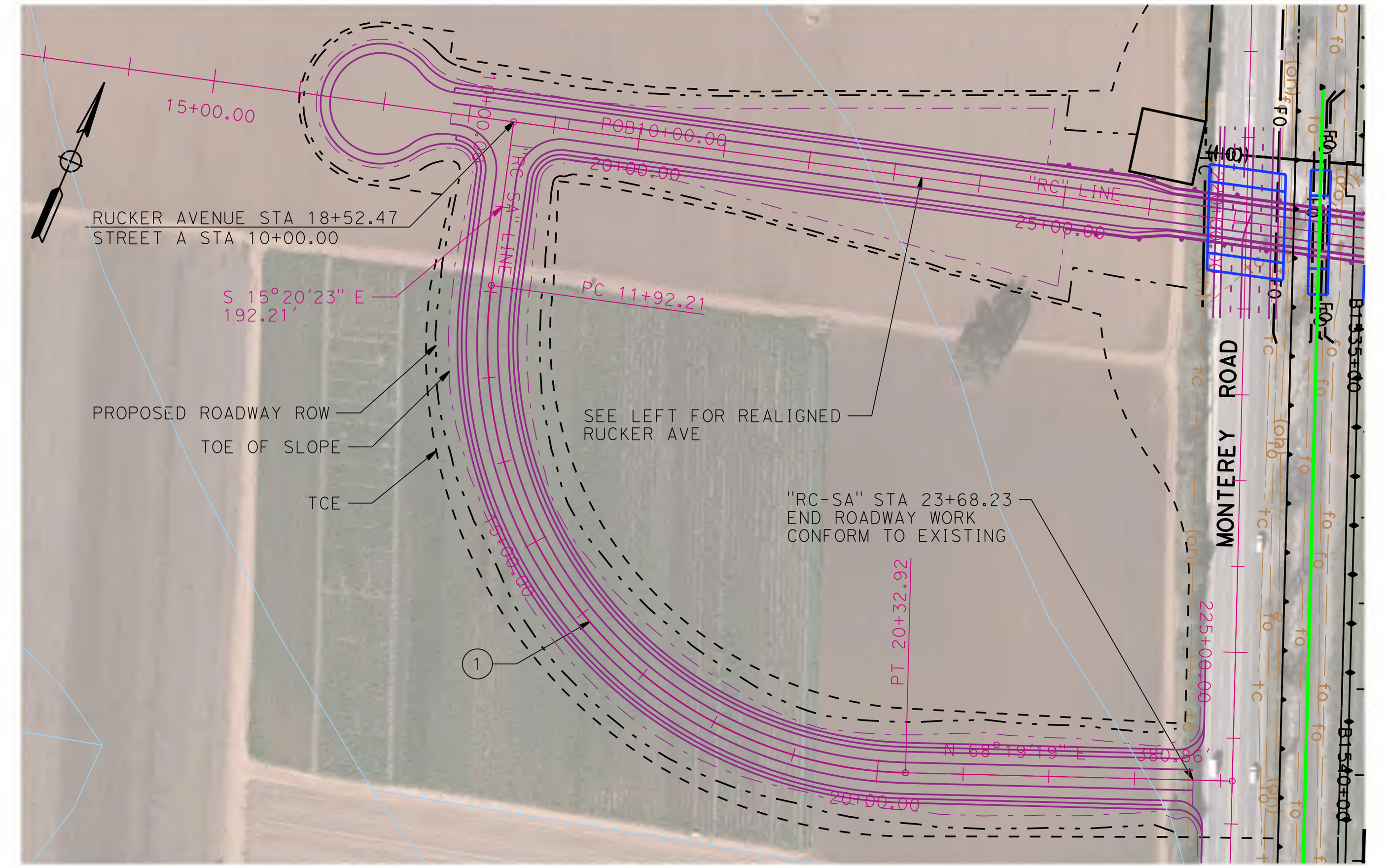


PLAN- MONTEREY RD "MT2"
SCALE: 1"=200'



CURVE DATA "RC"				
NO.	R	Δ	L	T
1	740	18°19′22.21"	236.647	119.343
2	1000	10°43′37.08"	187.221	93.885

PLAN- RUCKER AVE "RC"
SCALE: 1"=200'

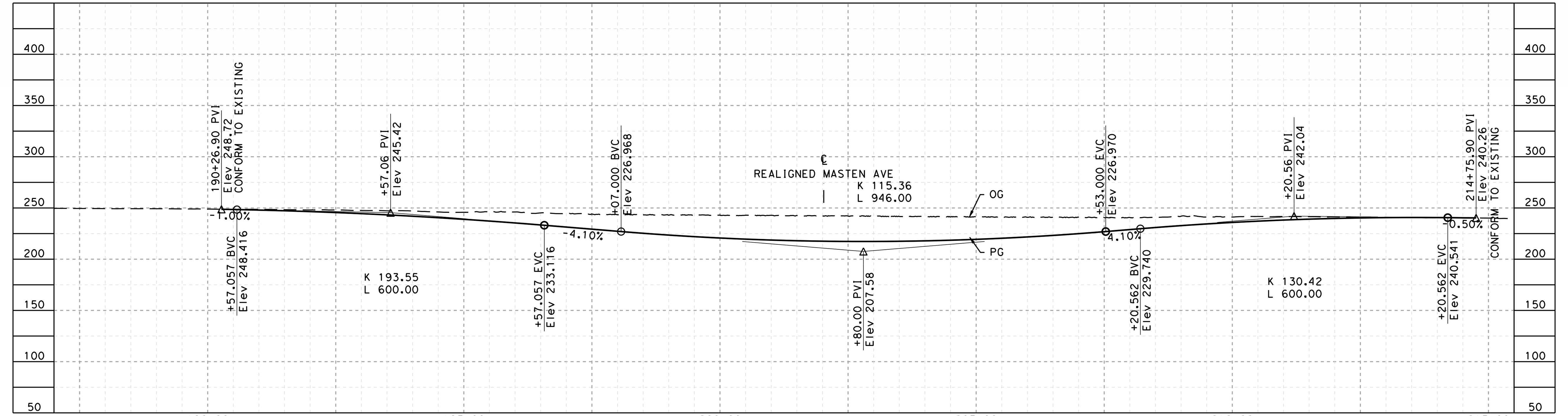


PLAN- RUCKER - SA "RC-SA"
SCALE: 1"=200'

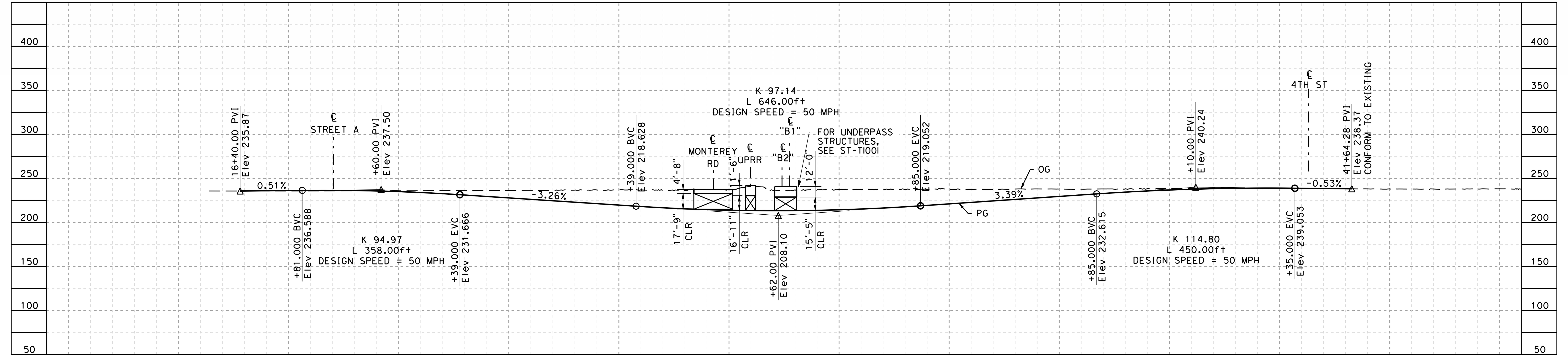
CURVE DATA "RC-SA"				
NO.	R	Δ	L	T
1	500	96°20′18.00"	840.711	558.614

NOTE:

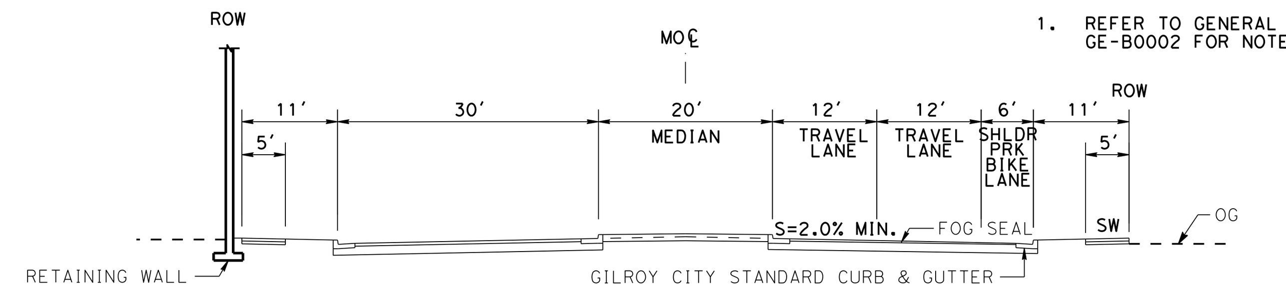
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



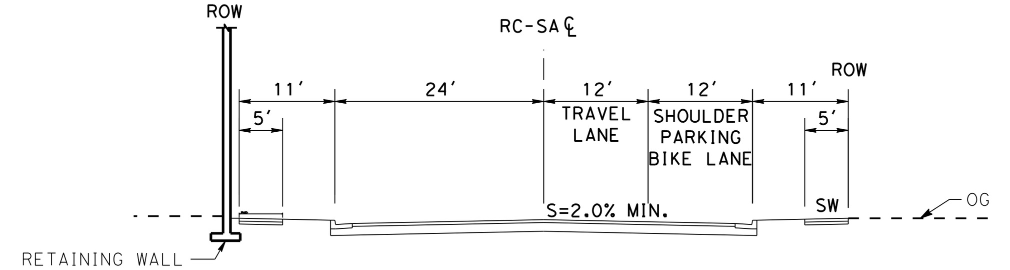
PROFILE - MONTEREY RD "MT2"
SCALE: 1"=200' HOR, 1"=100' VERT



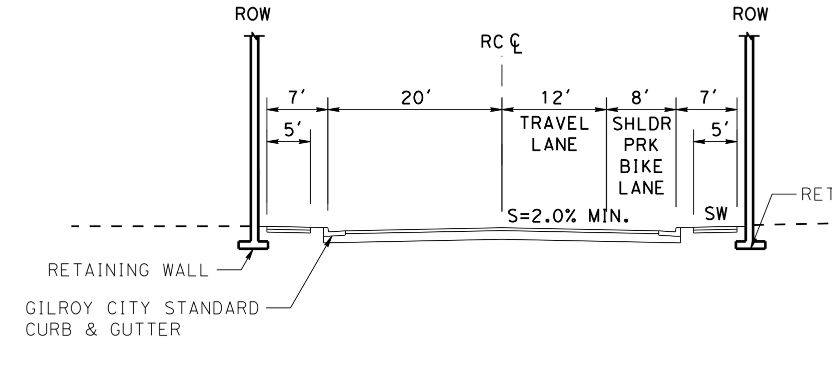
PROFILE - RUCKER AVE "RC"
SCALE: 1"=200' HOR, 1"=100' VERT



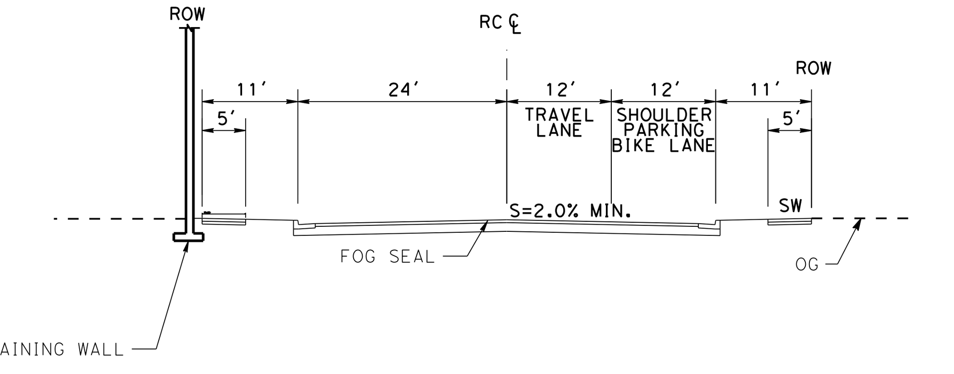
MONTEREY RD TYPICAL SECTION
SCALE: 1"=20′
"MT2" STA 190+26.90 TO "MT2" STA 214+75.90



RUCKER STREET A AVENUE TYPICAL SECTION
SCALE: 1"=20′
"RC-SA" STA 18+52.47 TO "RC-SA" STA 24+13.78



RUCKER AVENUE TYPICAL SECTION
SCALE: 1"=20′
"RC" STA 25+84.80 TO "RC" STA 32+17.34



RUCKER AVENUE TYPICAL SECTION
SCALE: 1"=20′
"RC" STA 15+79.25 TO "RC" STA 25+84.80
"RC" STA 32+17.34 TO "RC" STA 40+51.65

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 139 OF 285

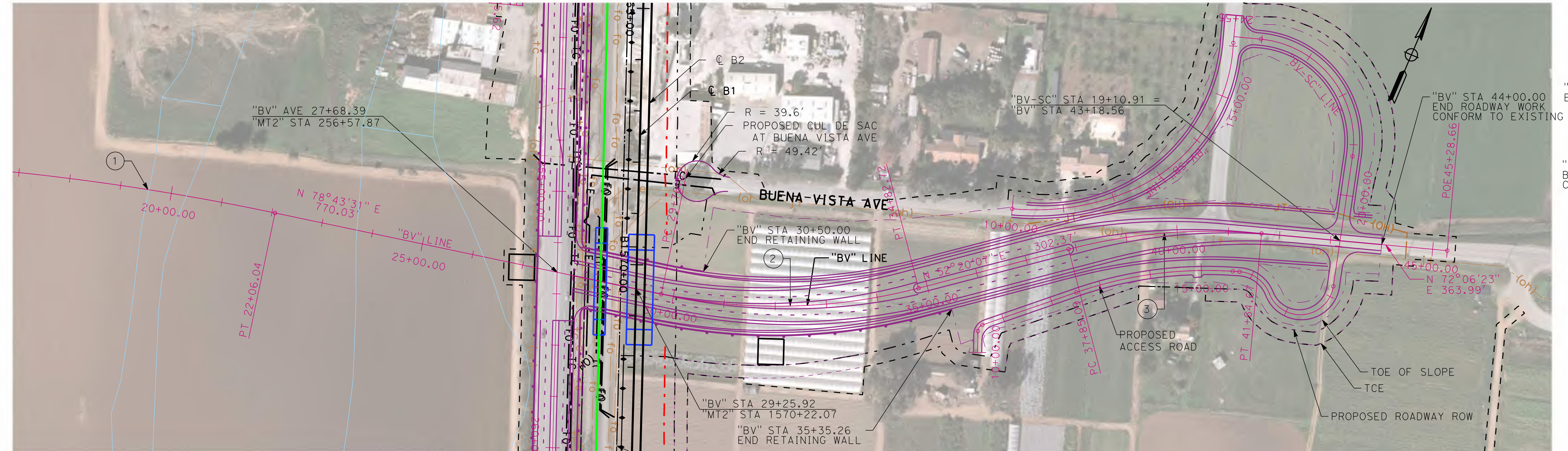
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

CALIFORNIA High-Speed Rail Authority

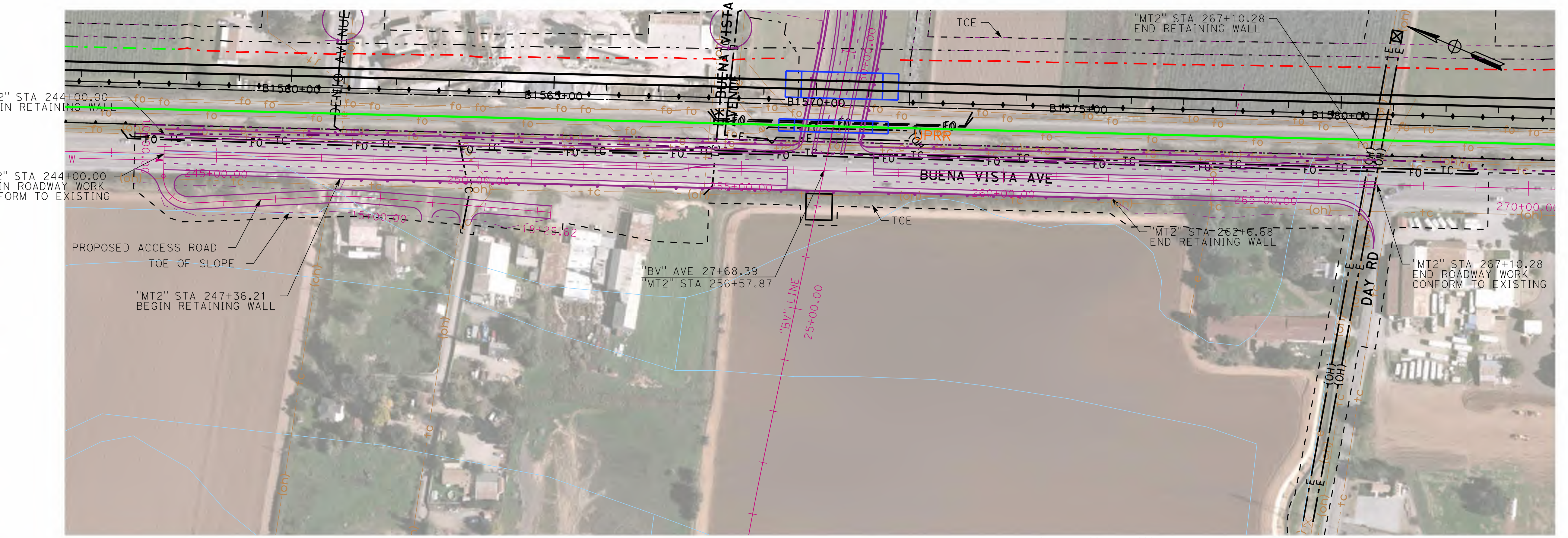
CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
MONTEREY ROAD AND RUCKER AVE

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T1003
SCALE	AS SHOWN
SHEET NO.	

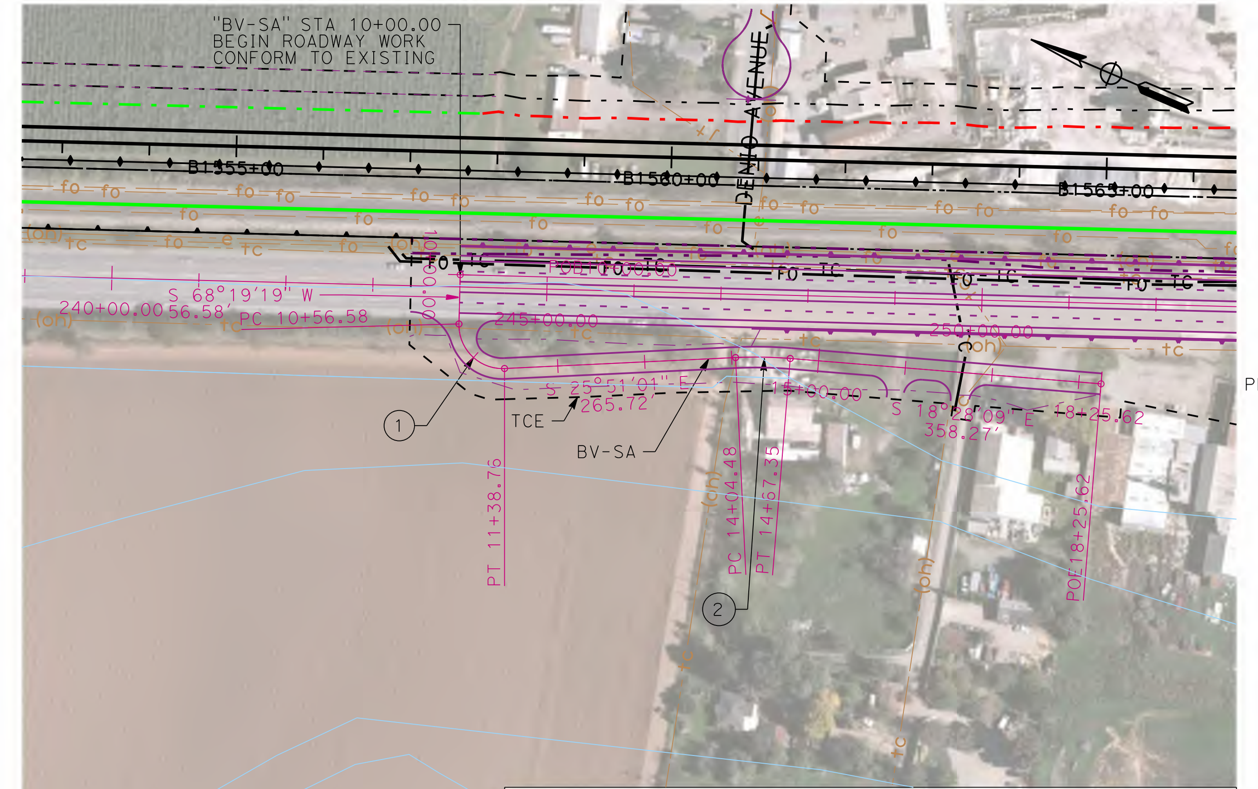


CURVE DATA "BV"				
NO.	R	Δ	L	T
1	5000	13°49'12.92"	1206.045	605.963
2	1100	26°23'24.29"	506.653	257.902
3	1100	19°46'16.20"	379.579	191.696

PLAN - BUENA VISTA AVE "BV"
SCALE: 1"=200'
1"=200' HOR

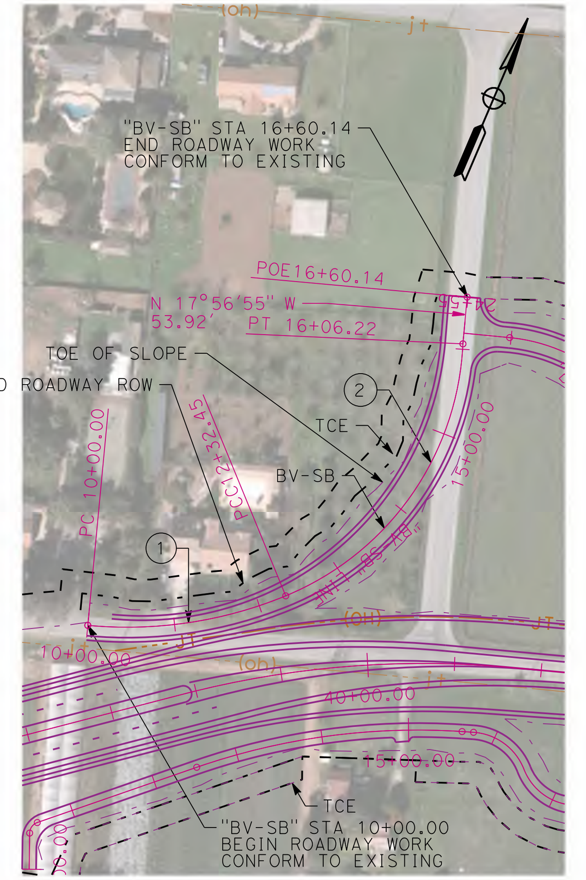


PLAN - MONTEREY RD "MT2"
SCALE: 1"=200'
1"=200' HOR



CURVE DATA "BV-SA"				
NO.	R	Δ	L	T
1	50	94°10'20.65"	82.181	53.78
2	488	7°22'52.38"	62.867	31.477

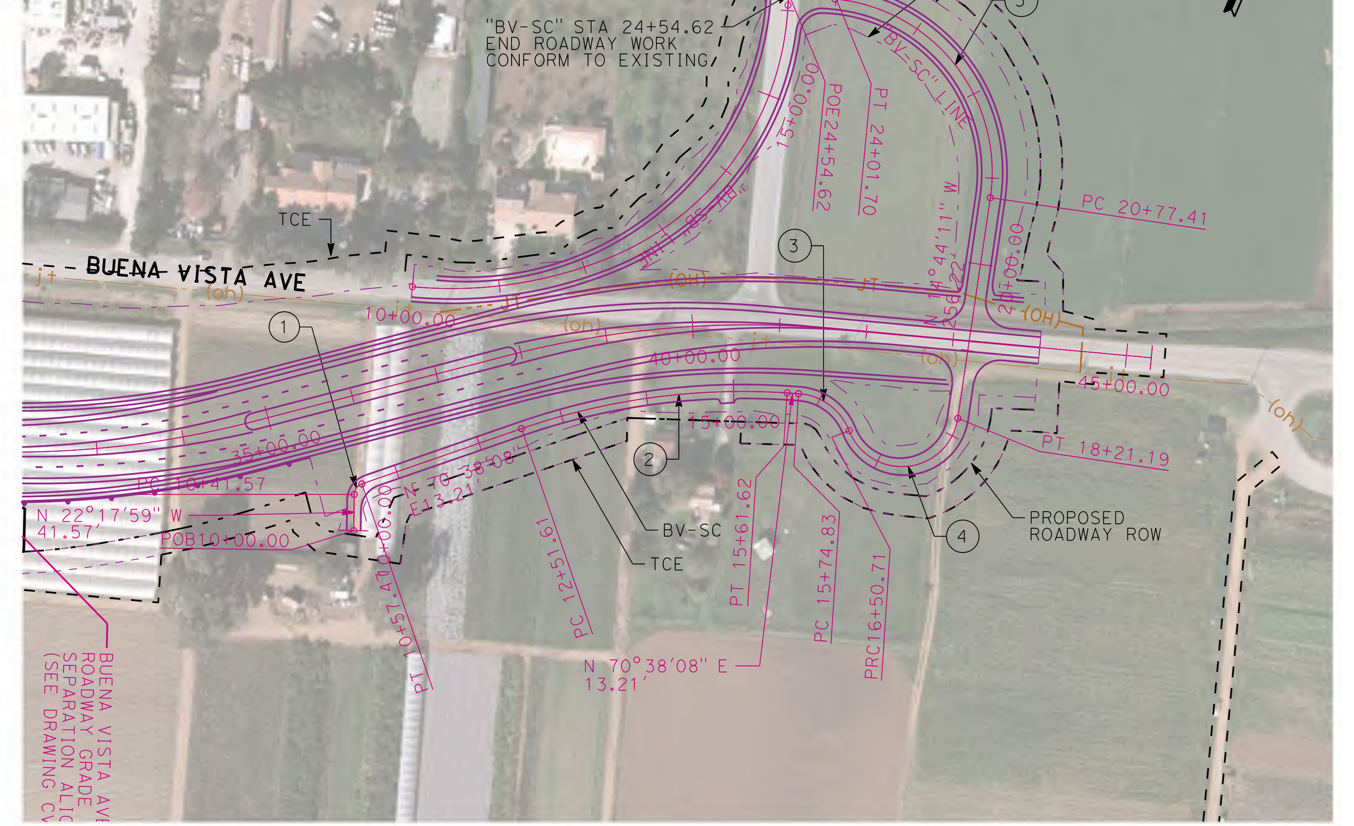
PLAN - BUENA VISTA - SA "BV-SA"
SCALE: 1"=200'
1"=200' HOR



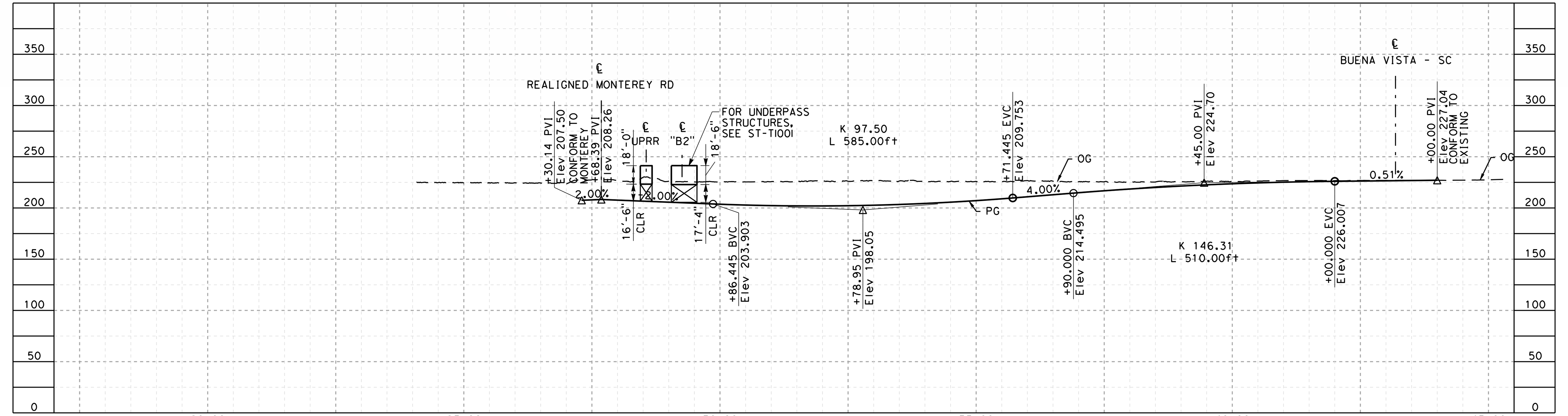
PLAN - BUENA VISTA - SB "BV-SB"
SCALE: 1"=200'
1"=200' HOR

CURVE DATA "BV-SB"				
NO.	R	Δ	L	T
1	479.5	27°46'31.93"	232.449	118.556
2	329.5	64°59'36.74"	373.769	209.889

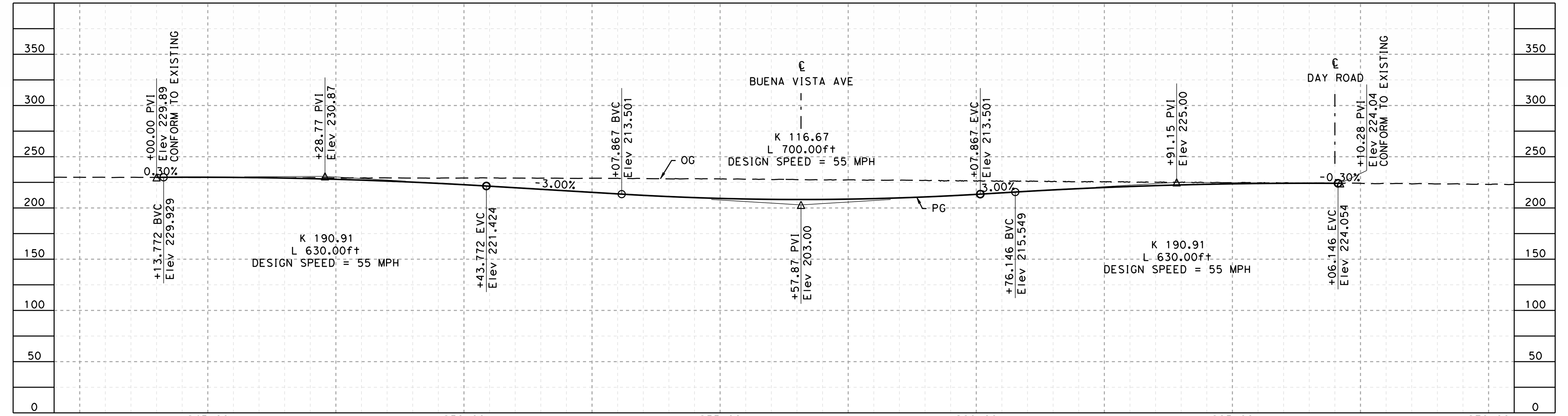
CURVE DATA "BV-SB"				
NO.	R	Δ	L	T
1	13	70°04'31.91"	15.9	9.115
2	777	22°51'34.72"	310.004	157.092
3	67	64°53'50.94"	75.889	42.599
4	65	150°16'09.61"	170.475	244.884
5	200	92°54'01.80"	324.284	210.39



PLAN - BUENA VISTA - SC
SCALE: 1"=200'
1"=200' HOR



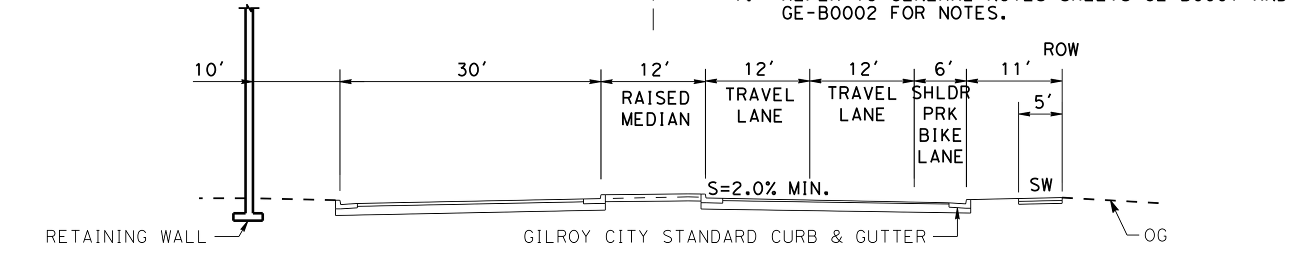
PROFILE - BUENA VISTA AVE "BV"
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT



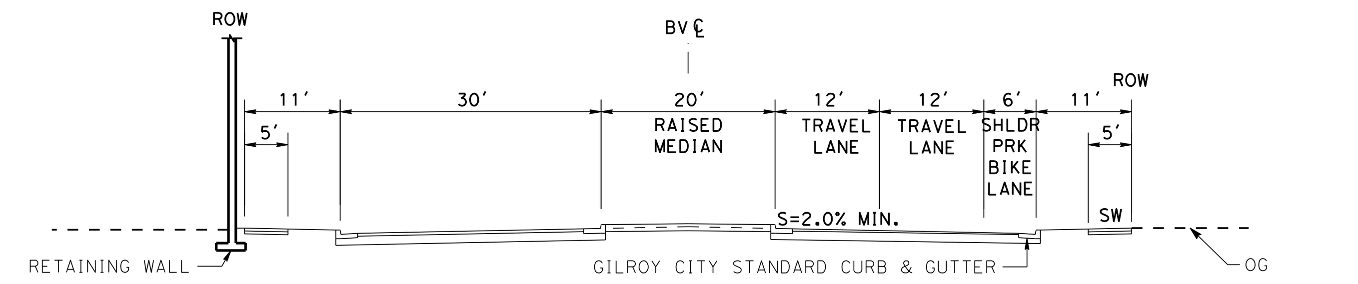
PROFILE - MONTEREY RD
SCALE: 1"=200' HOR, 1"=100' VERT
1"=100' VERT

NOTE:

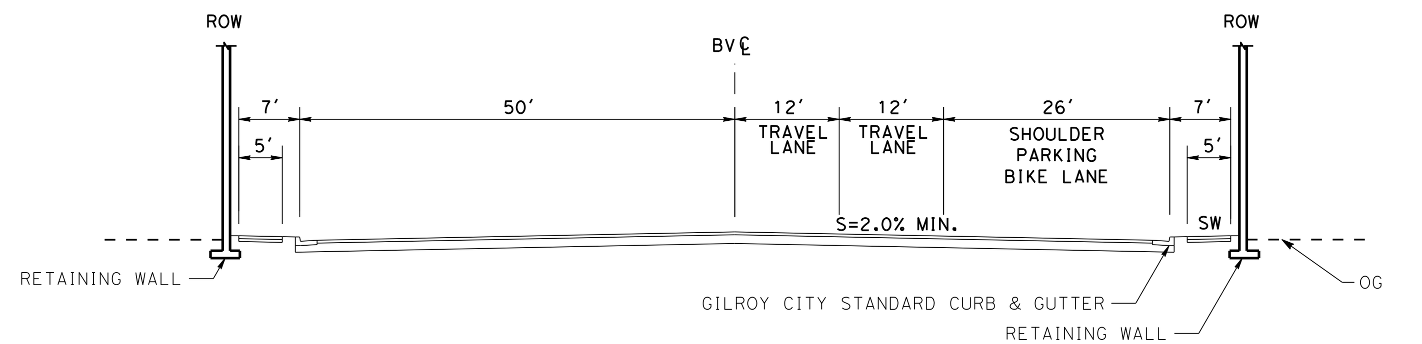
1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



MONTEREY RD TYPICAL SECTION
SCALE: 1"=20'
"MT2" STA 243+59.82 TO "MT2" STA 269+14.73



BUENA VISTA AVENUE TYPICAL SECTION
SCALE: 1"=20'
"BV" STA 27+26.39 TO "BV" STA 34+77.55



BUENA VISTA AVENUE TYPICAL SECTION
SCALE: 1"=20'
"BV" 34+77.55 TO STA "BV" 38+00.00

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 140 OF 285

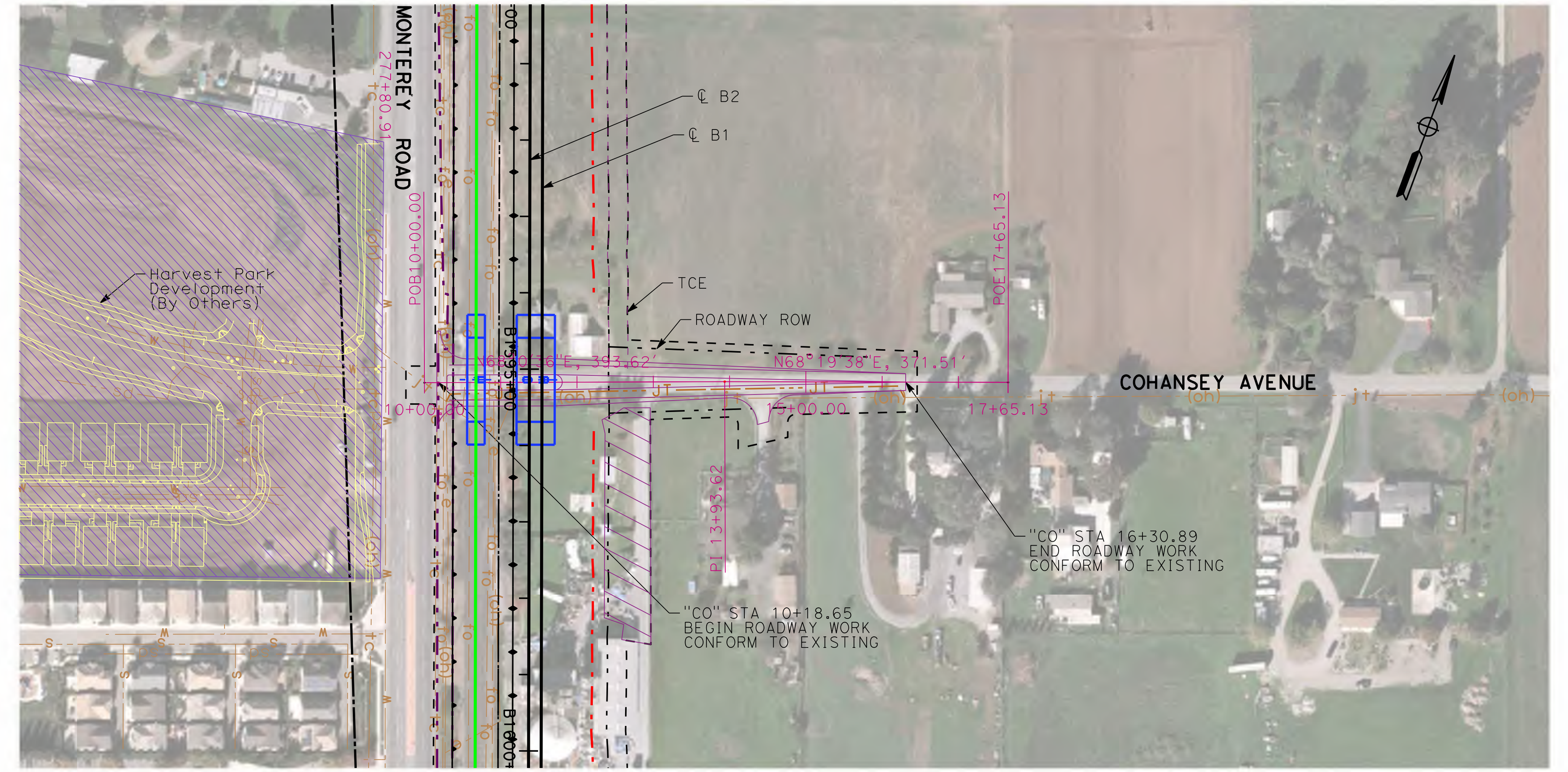
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

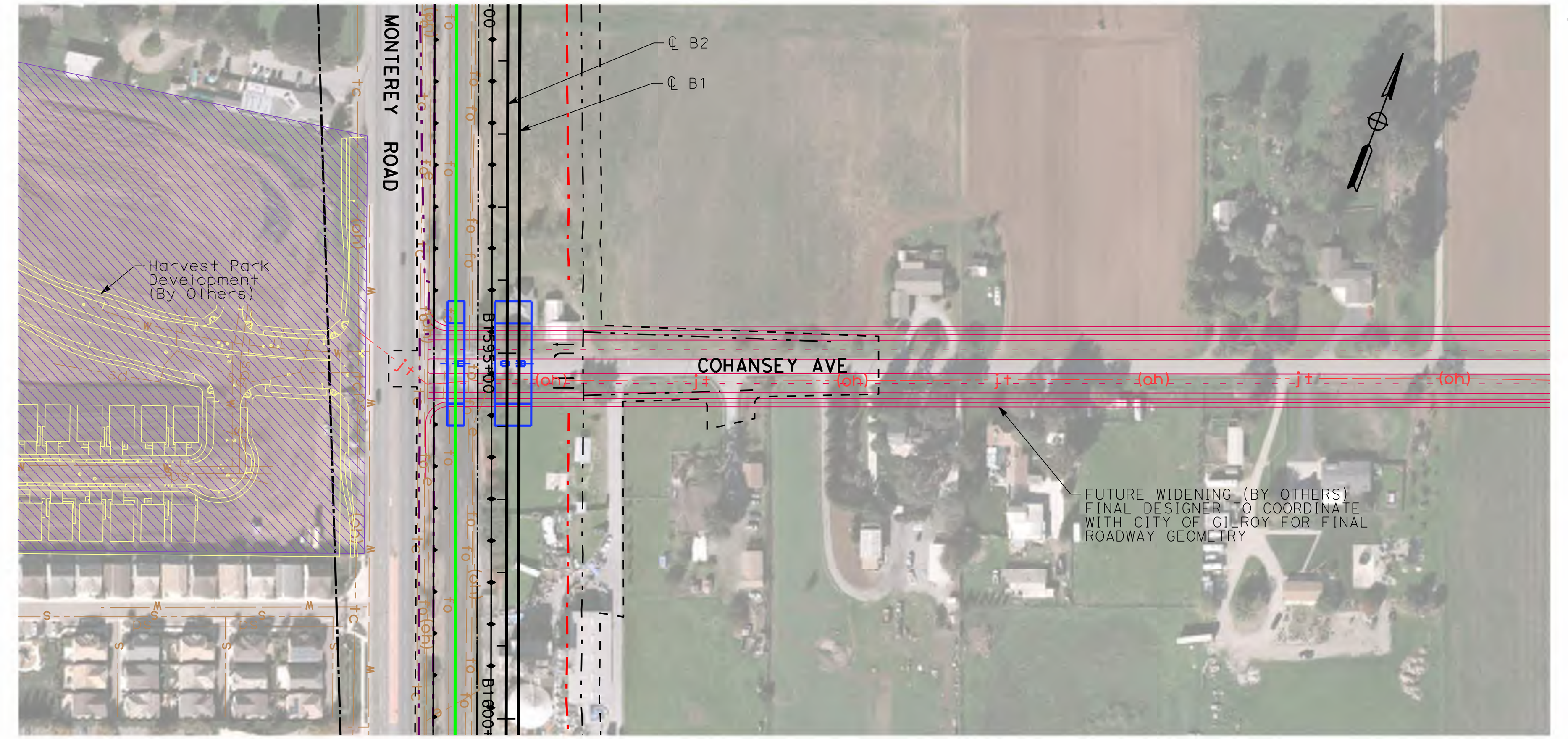
CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
BUENA VISTA AND COHANSEY

CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T1004
SCALE	AS SHOWN
SHEET NO.	



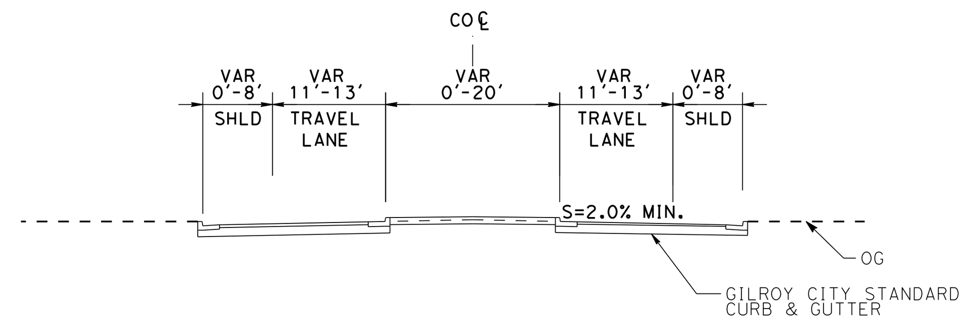
PLAN - COHANSEY "CO"
SCALE: 1"=200'



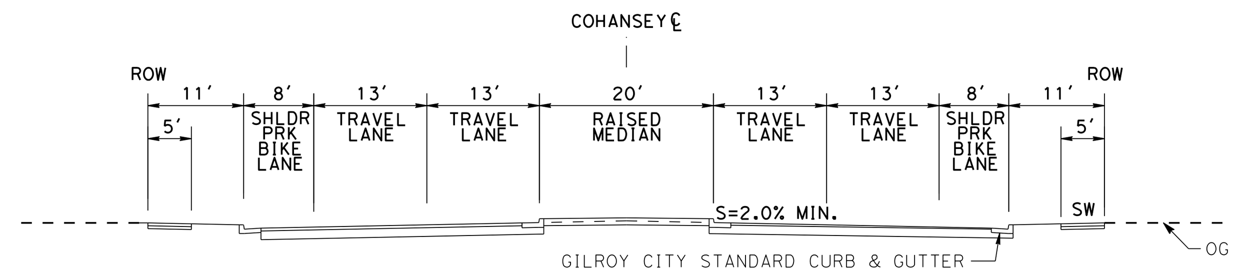
FUTURE WIDENING OF COHANSEY AVE (BY OTHERS)
SCALE: 1"=200'

NOTE:

1. FINAL DESIGNER TO COORDINATE WITH CITY OF GILROY FOR FUTURE PLANS TO WIDEN COHANSEY AVE PER CITY OF GILROY GENERAL PLAN. COHANSEY AVE ASSUMED TO BE A 4-LANE DIVIDED ARTERIAL STREET WITH CLASS II BIKE LANE.



COHANSEY AVENUE TYPICAL SECTION
SCALE: 1"=20'
"CO" STA 10+18.65 TO "CO" STA 16+30.89



COHANSEY AVENUE (FUTURE WIDENING) TYPICAL SECTION
SCALE: 1"=20'

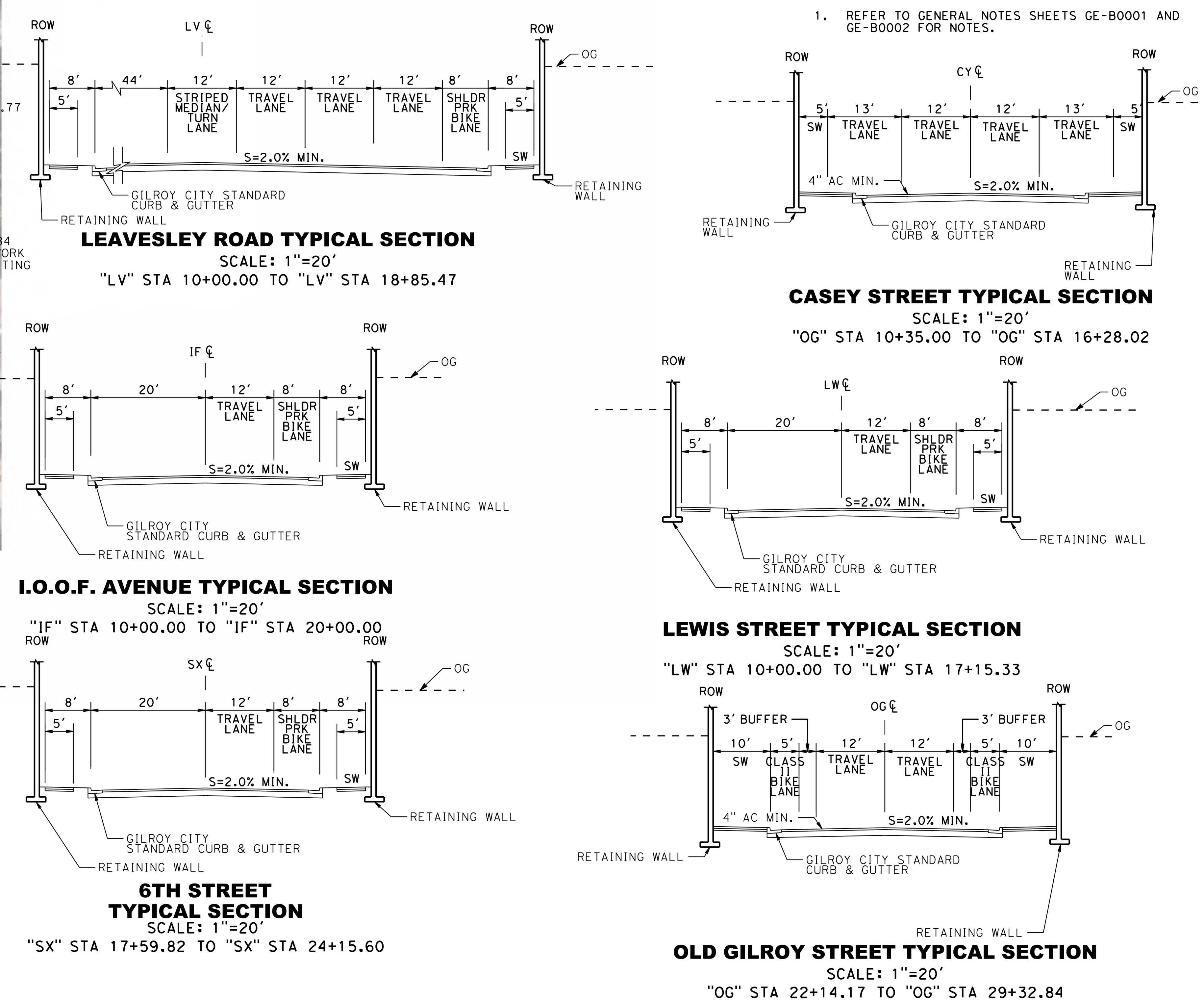
SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 141 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS COHANSEY AVENUE	CONTRACT NO. HSR15-34 DRAWING NO. CV-T1005 SCALE AS SHOWN SHEET NO.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 142 OF 285

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.



LEAVESLEY ROAD TYPICAL SECTION
SCALE: 1"=20'
"LV" STA 10+00.00 TO "LV" STA 18+85.47

CASEY STREET TYPICAL SECTION
SCALE: 1"=20'
"OG" STA 10+35.00 TO "OG" STA 16+28.02

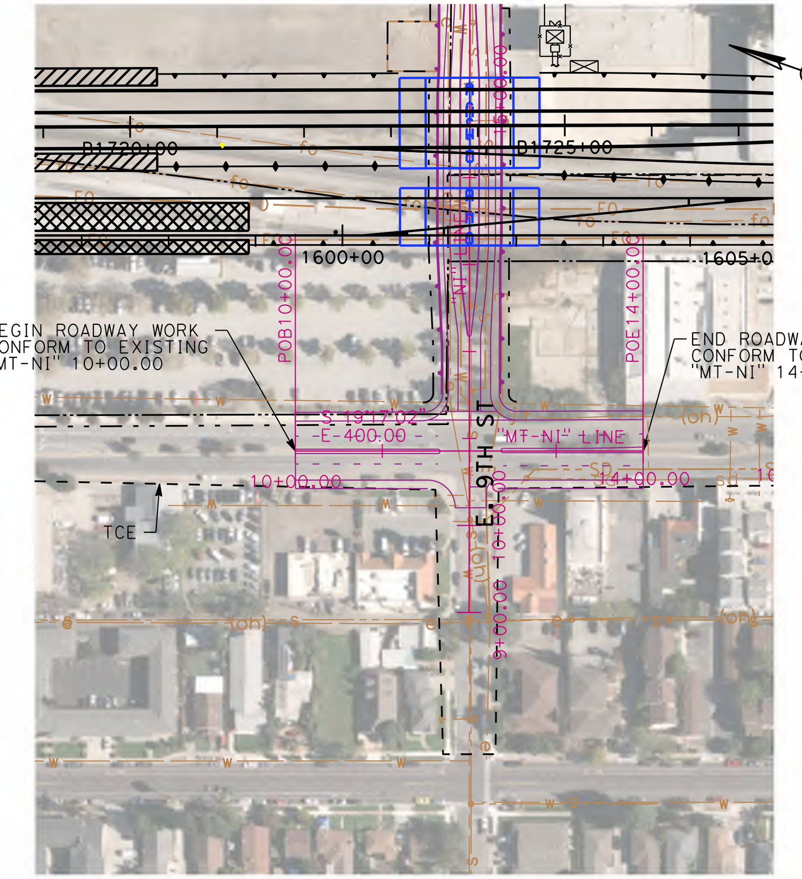
I.O.O.F. AVENUE TYPICAL SECTION
SCALE: 1"=20'
"IF" STA 10+00.00 TO "IF" STA 20+00.00

LEWIS STREET TYPICAL SECTION
SCALE: 1"=20'
"LW" STA 10+00.00 TO "LW" STA 17+15.33

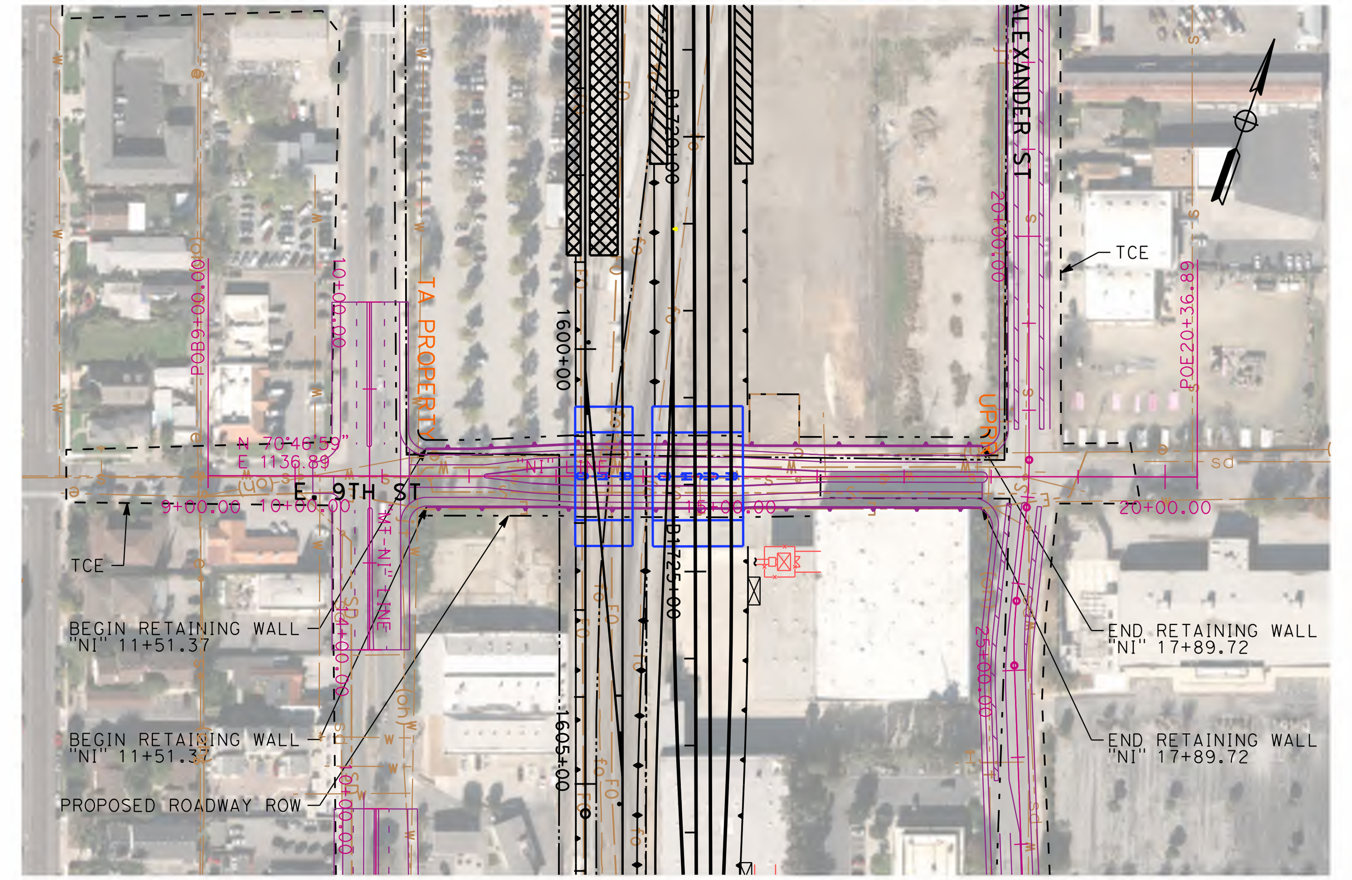
6TH STREET TYPICAL SECTION
SCALE: 1"=20'
"SX" STA 17+59.82 TO "SX" STA 24+15.60

OLD GILROY STREET TYPICAL SECTION
SCALE: 1"=20'
"OG" STA 22+14.17 TO "OG" STA 29+32.84

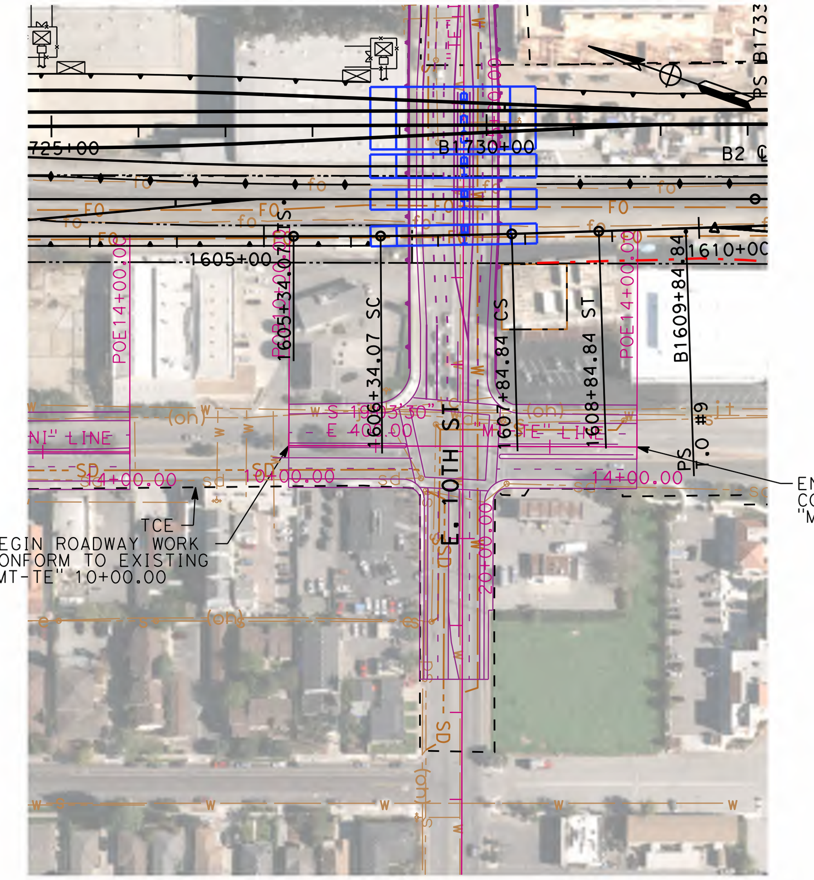
2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	**CALIFORNIA HIGH-SPEED TRAIN PROJECT** **SAN JOSE TO MERCED** MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS LEAVESLEY RD TO OLD GILROY	CONTRACT NO. HSR15-34 DRAWING NO. CV-T1006 SCALE AS SHOWN SHEET NO.



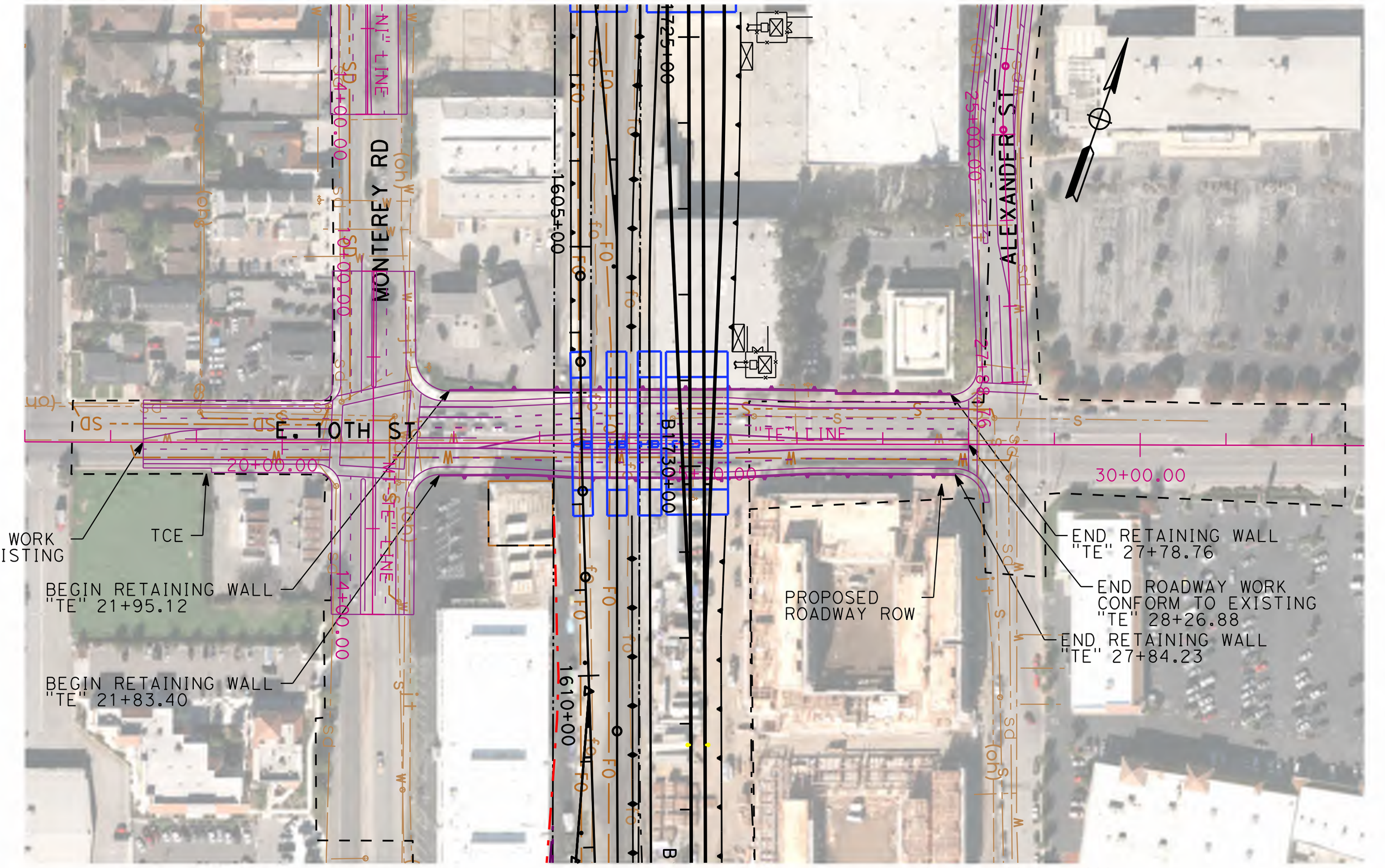
PLAN - MONTEREY AT 9TH "MT-NI"
SCALE: 1"=200'



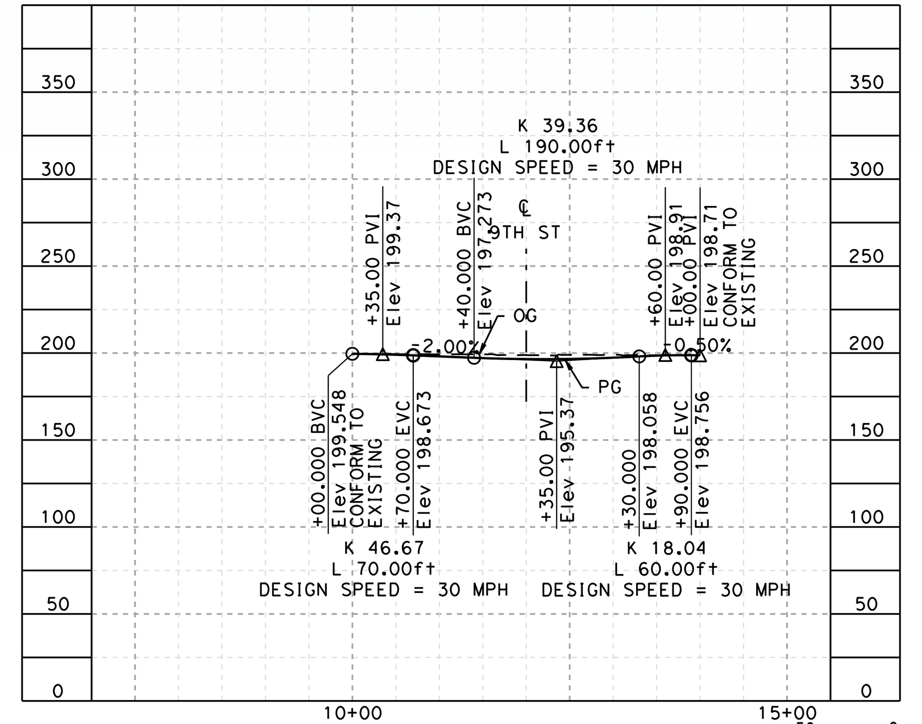
PLAN - 9TH ST "NI"
SCALE: 1"=200'



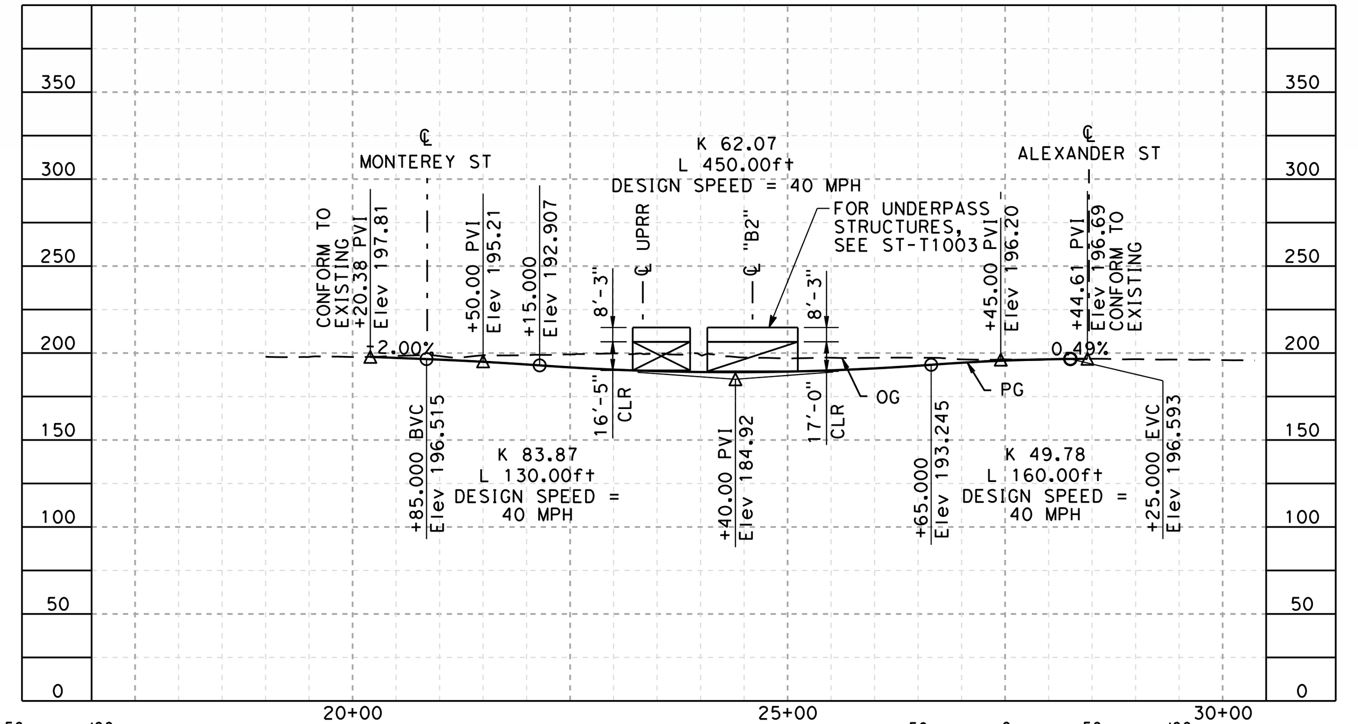
PLAN - MONTEREY AT 10TH "MT-TE"
SCALE: 1"=200'



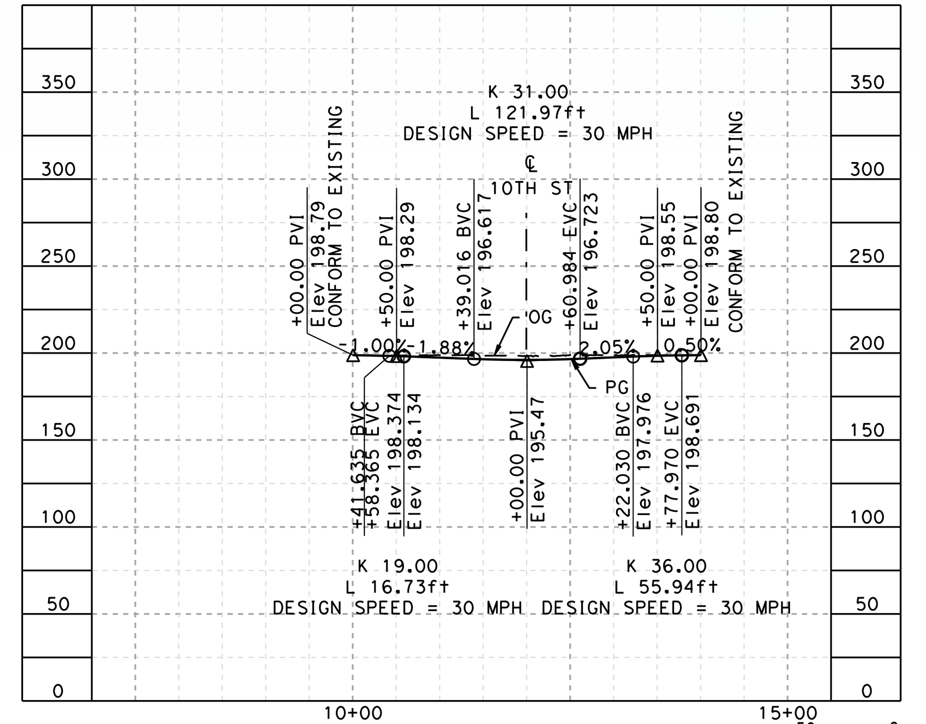
PLAN - 10TH ST "TE"
SCALE: 1"=200'



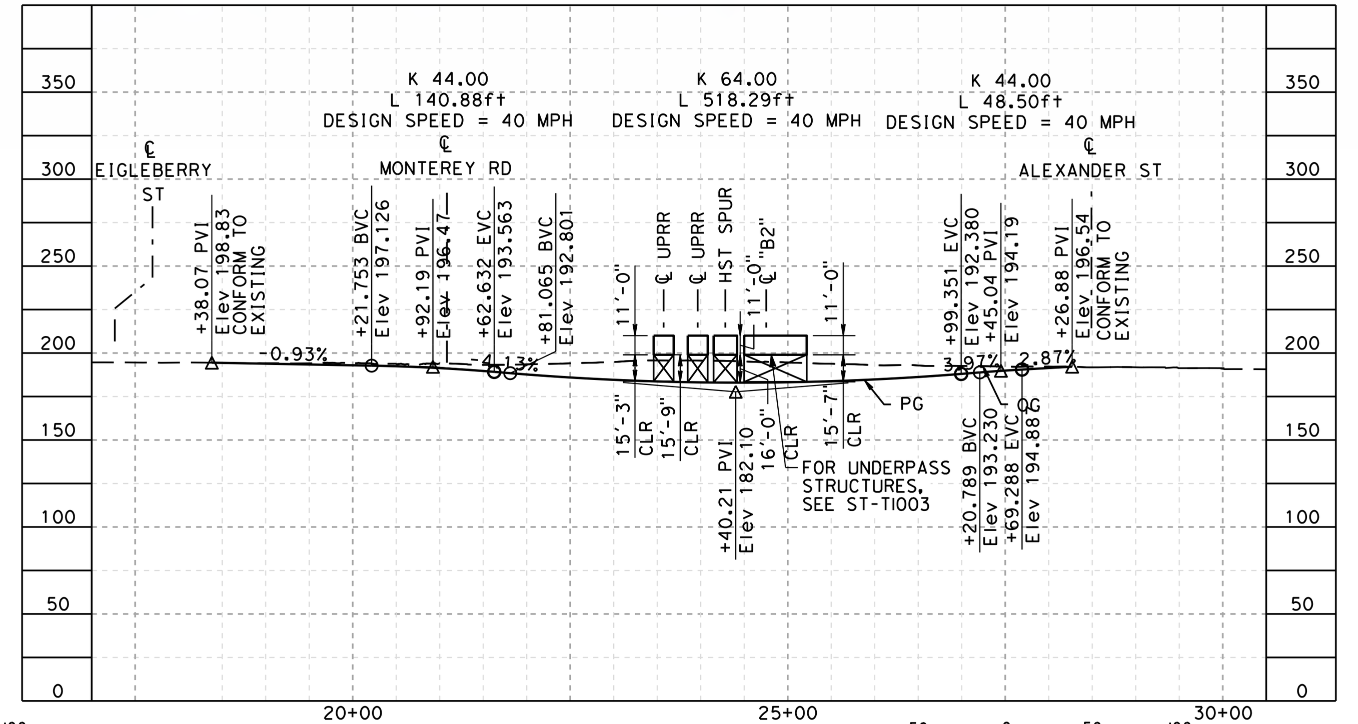
PROFILE - MONTEREY AT 9TH "MT-NI"
SCALE: 1"=200' HOR, 1"=100' VERT



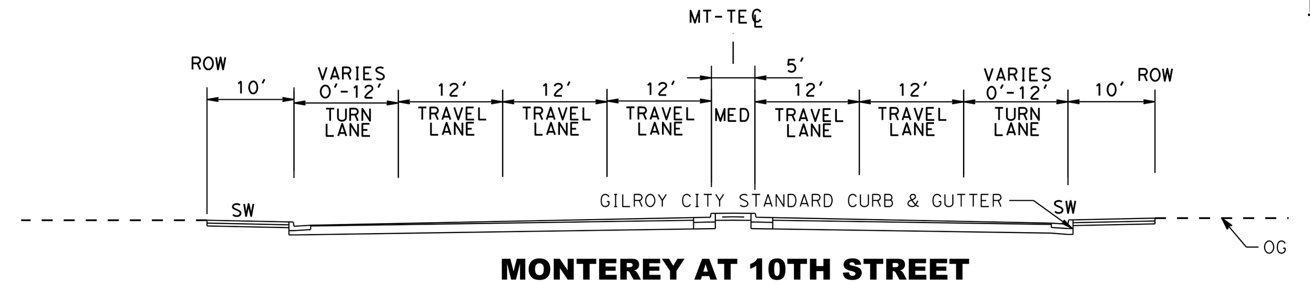
PROFILE - 9TH ST "NI"
SCALE: 1"=200' HOR, 1"=100' VERT



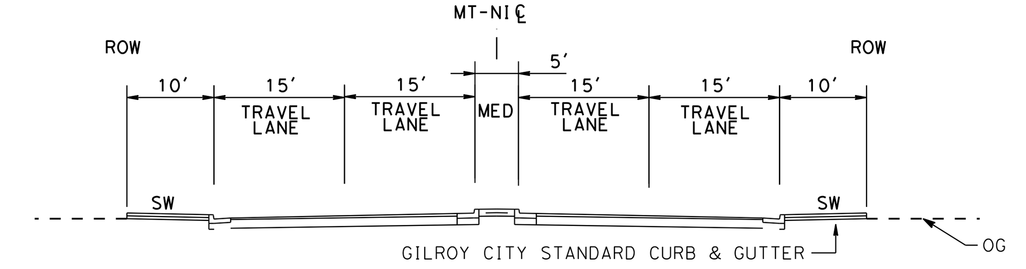
PROFILE - MONTEREY AT 10TH "MT-TE"
SCALE: 1"=200' HOR, 1"=100' VERT



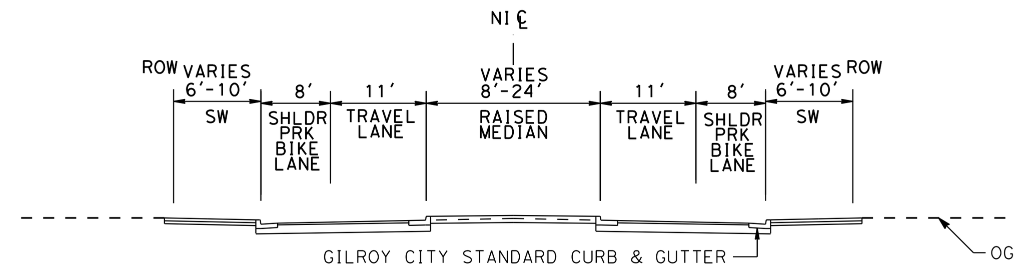
PROFILE - 10TH ST "TE"
SCALE: 1"=200' HOR, 1"=100' VERT



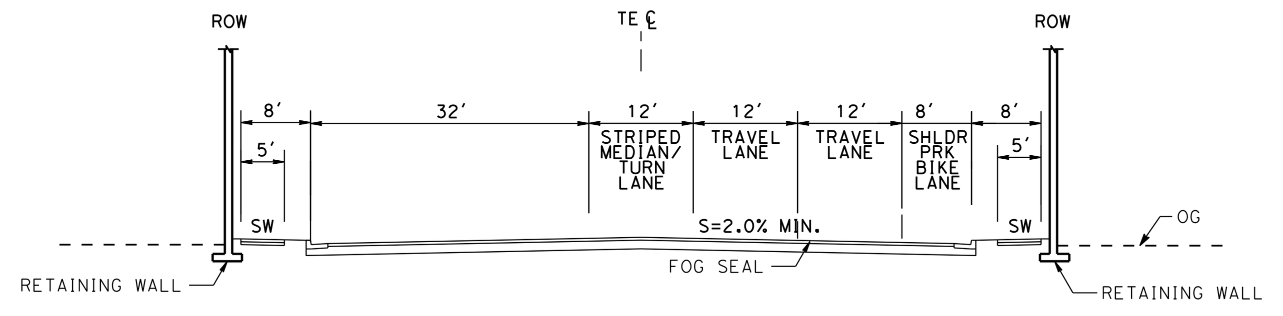
MONTEREY AT 10TH STREET
SCALE: 1"=20'
"MT-TE" STA 10+00.00 TO "MT-TE" STA 14+00.00



MONTEREY AT 9TH STREET TYPICAL SECTION
SCALE: 1"=20'
"MT-NI" STA 10+00.00 TO "MT-NI" STA 14+00.00



9TH STREET TYPICAL SECTION
SCALE: 1"=20'
"NI" STA 11+31.24 TO "NI" STA 17+95.69



EAST 10TH STREET TYPICAL SECTION
SCALE: 1"=20'
"TE" STA 18+38.07 TO "TE" STA 28+00.00

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 143 OF 285

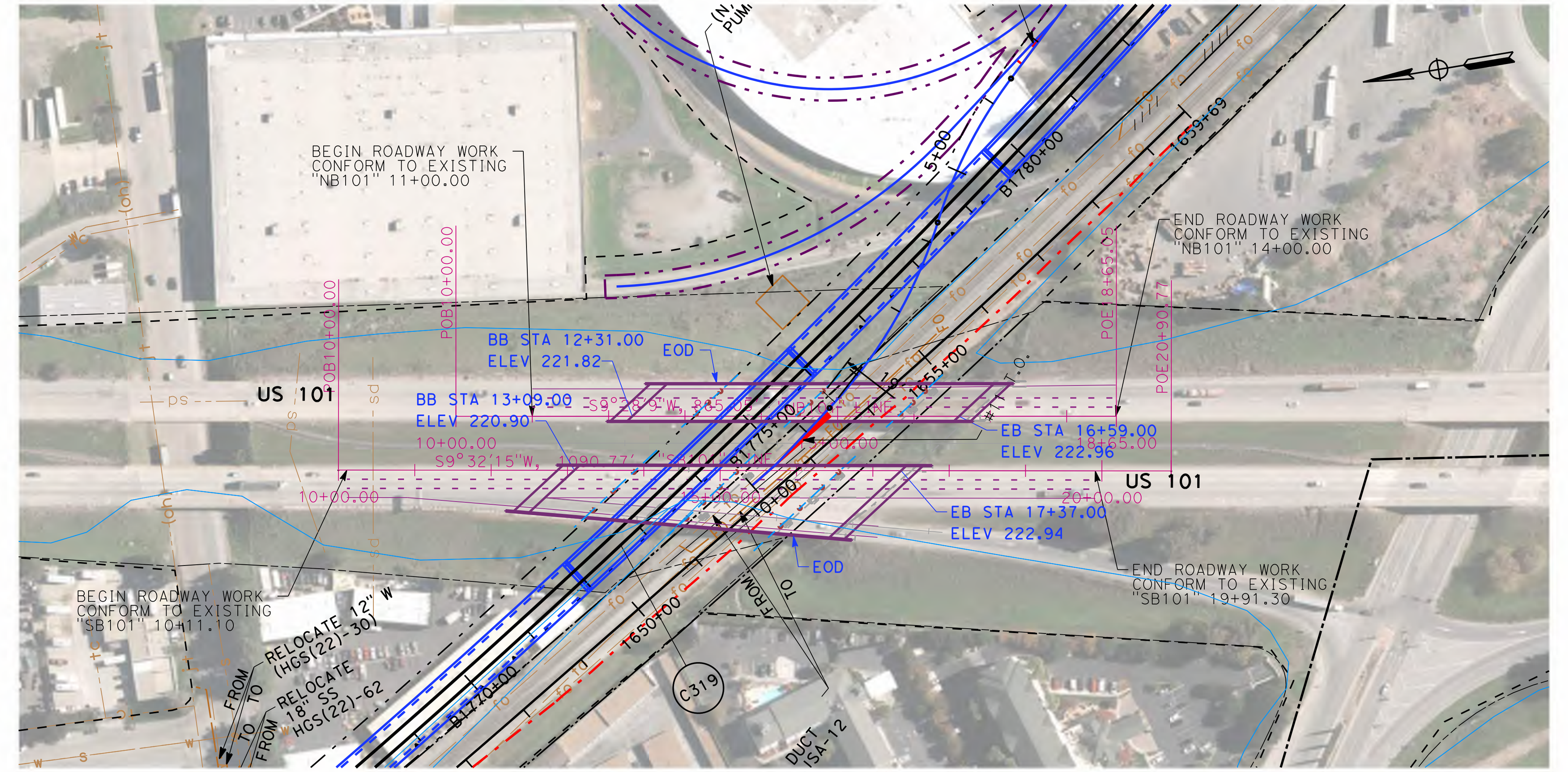
2021 RECORD SET PEPD
NOVEMBER 30, 2021
NOT FOR CONSTRUCTION

HNTB
1111 Broadway
9th Floor
Oakland, CA 94607

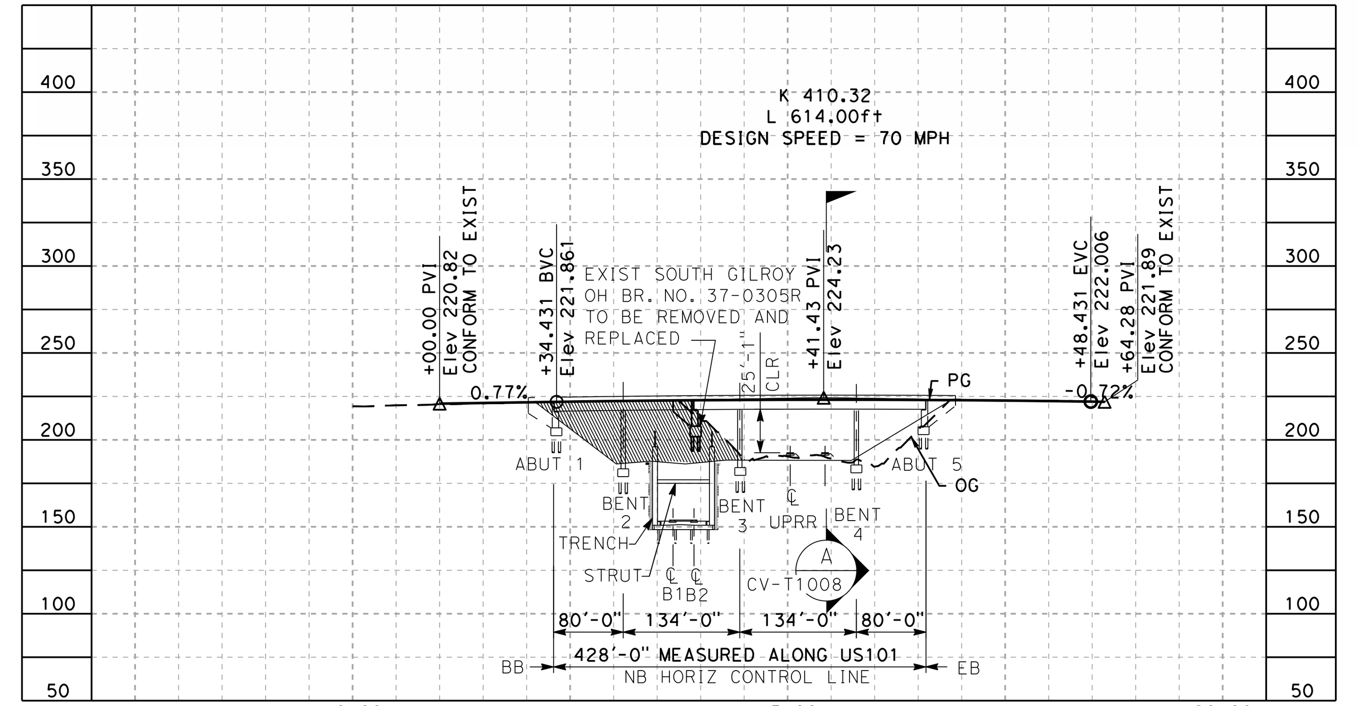
CALIFORNIA High-Speed Rail Authority

CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
MORGAN HILL AND GILROY
EMBANKMENT TO DOWNTOWN GILROY
GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS
9TH ST AND 10TH ST

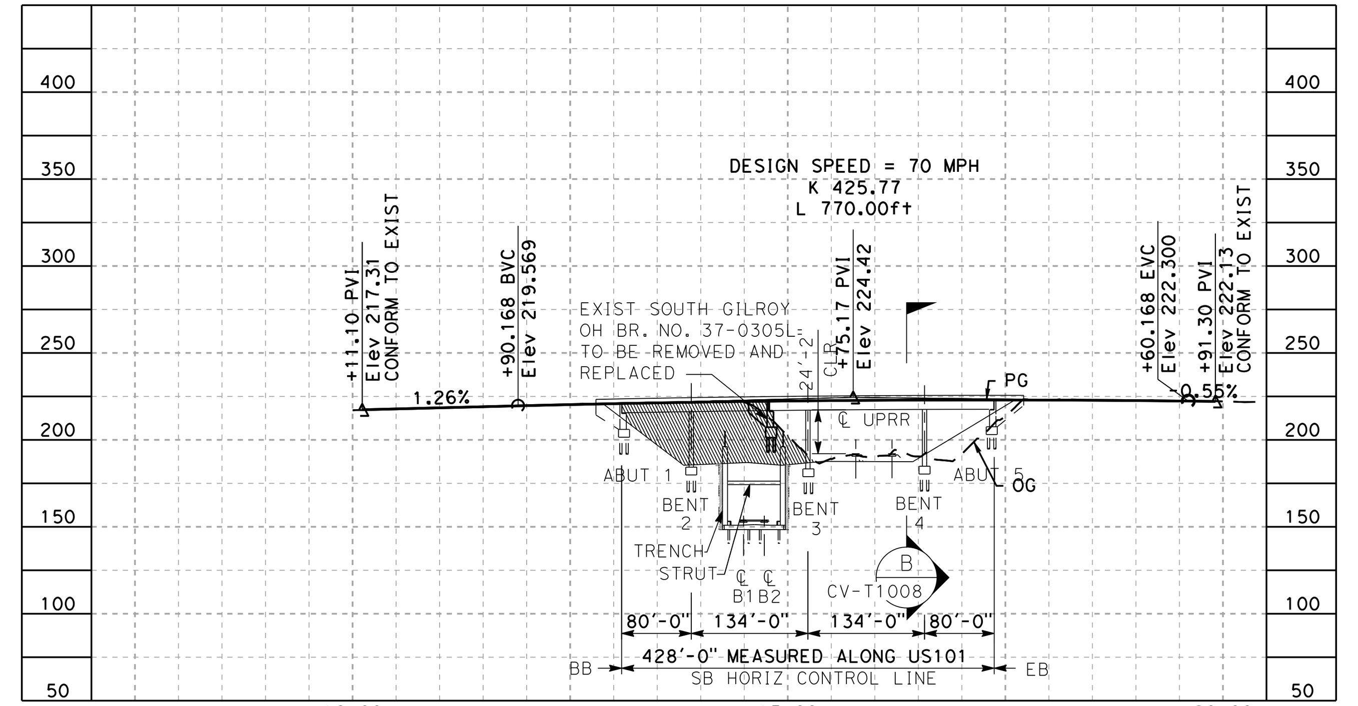
CONTRACT NO.	HSR15-34
DRAWING NO.	CV-T1007
SCALE	AS SHOWN
SHEET NO.	



PLAN
SCALE: 1"=200'



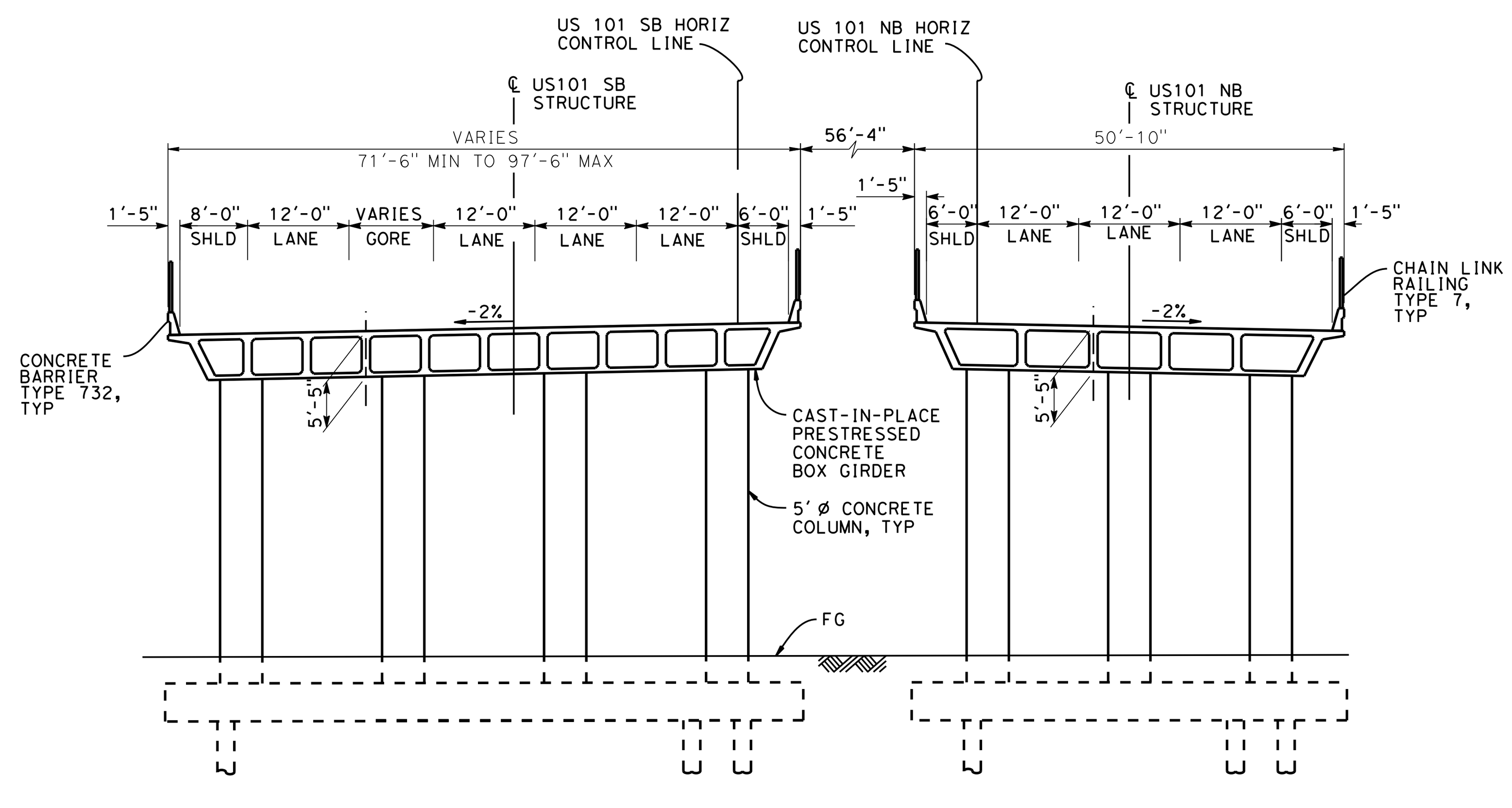
PROFILE - NORTHBOUND US 101
SCALE: 1"=200' HOR, 1"=100' VERT



PROFILE - SOUTHBOUND US 101
SCALE: 1"=200' HOR, 1"=100' VERT

LEGEND:

INDICATES LIMITS OF REMOVAL



SECTION B
SCALE: 1"=20'

SECTION A
SCALE: 1"=20'

NOTE:

1. REFER TO GENERAL NOTES SHEETS GE-B0001 AND GE-B0002 FOR NOTES.

SAN JOSE TO CVY EIR/S: VOLUME III
ALTERNATIVE 2
BOOK 2C
SHEET 144 OF 285

2021 RECORD SET PEPD NOVEMBER 30, 2021 NOT FOR CONSTRUCTION	HNTB 1111 Broadway 9th Floor Oakland, CA 94607	CALIFORNIA High-Speed Rail Authority	CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED MORGAN HILL AND GILROY EMBANKMENT TO DOWNTOWN GILROY GRADE SEPARATION LAYOUT, PROFILE, & CROSS SECTIONS US 101	CONTRACT NO. HSR15-34 DRAWING NO. CV-T1008 SCALE AS SHOWN SHEET NO.