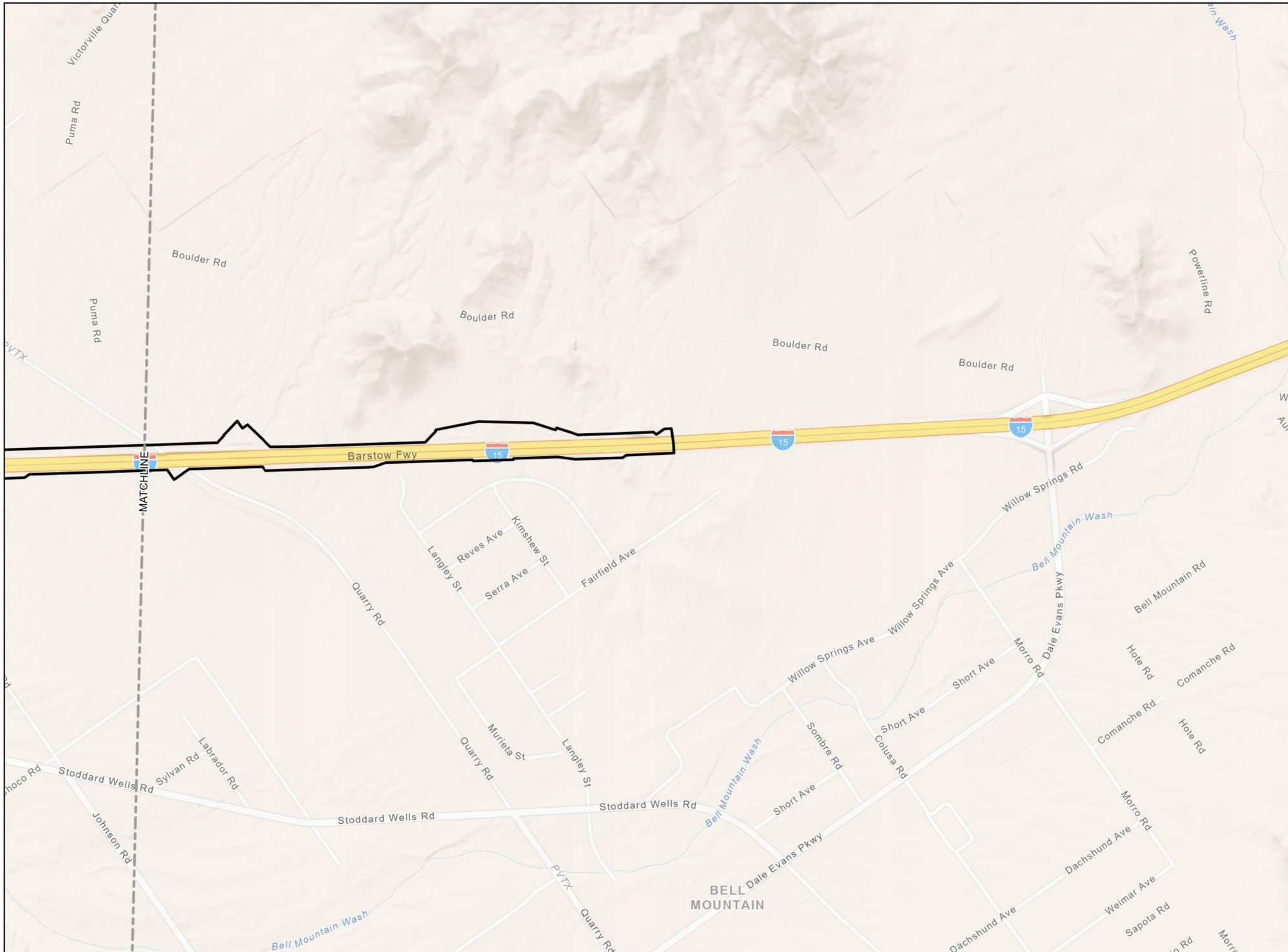
Attachment F
Footprint Drawings



Sheet 1 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

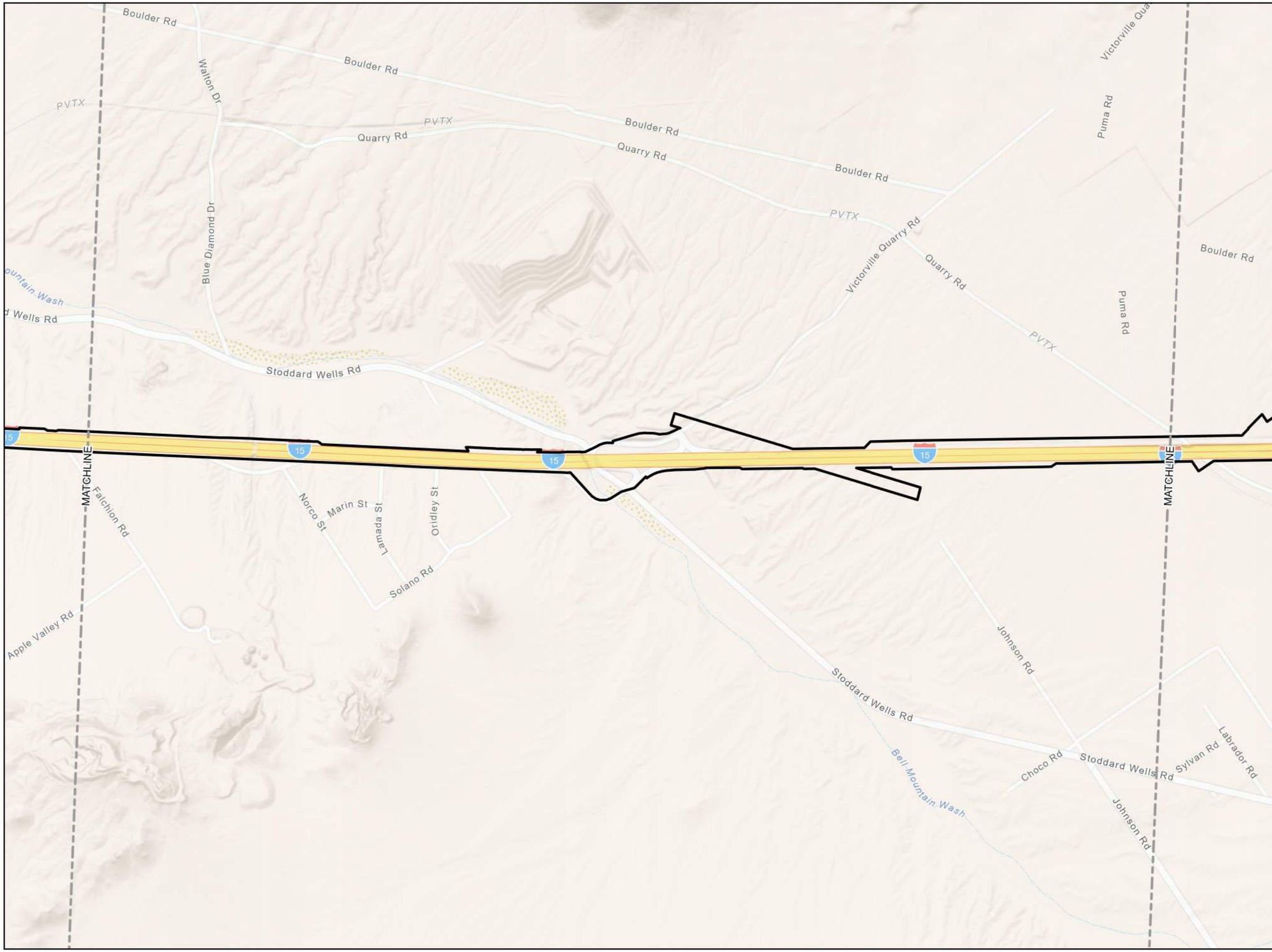
Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet

Sheet 2 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California



Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet

Sheet 3 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

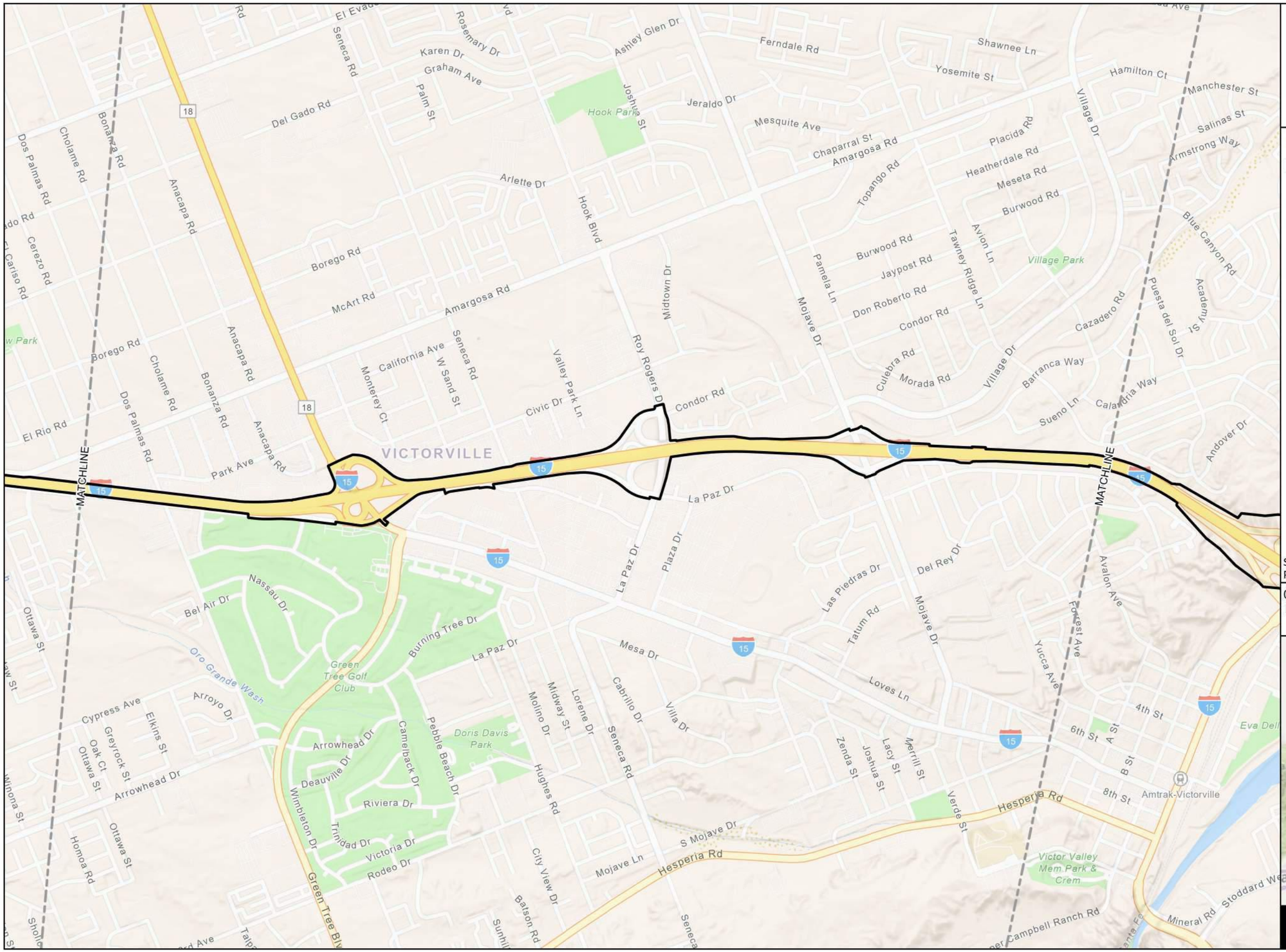
Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet

MATCHLINE

MATCHLINE

Hamilton Ct
Manchester St
Desert Lily St
Desert Star St
Ukiah St
Desert Willow St
Salinas St
Armstrong Way
Village Dr
Blue Canyon Rd
Village Park
Academy St
Puesta del Sol Dr
Cazadero Rd
Barranca Way
Sueno Ln
Calamaria Way
Green Hill Dr
Victoria Dr
Andover Dr
Iles Ln
N D St
Mojave River
PVTX
Bell Mountain Wash
Stoddard Wells Rd
Grady Trammel Park
Dante St
Boulder Rd
Walton Dr
Blue Diamond Dr
Falchion Rd
Avalon Ave
Forest Ave
Yucca Ave
Mojave Dr
Eva Dell Park
4th St
6th St
A St
B St
8th St
Amtrak-Victorville
Hesperia Rd
Merrill St
Lacy St
Verde St
Victor Valley Mem Park & Crem
Kemper Campbell Ranch Rd
Mineral Rd
Waalew Rd
Apple Valley Rd
Kalo Rd
Siskiyou Rd
Chiwi Rd
Maricopa Ln
Quantico Rd
Ohna Rd
Muni Rd
Koda Rd
Potomac Rd
Wika Rd
Kamana Rd
15
18



Sheet 4 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet

Sheet 5 of 16
Project Footprint

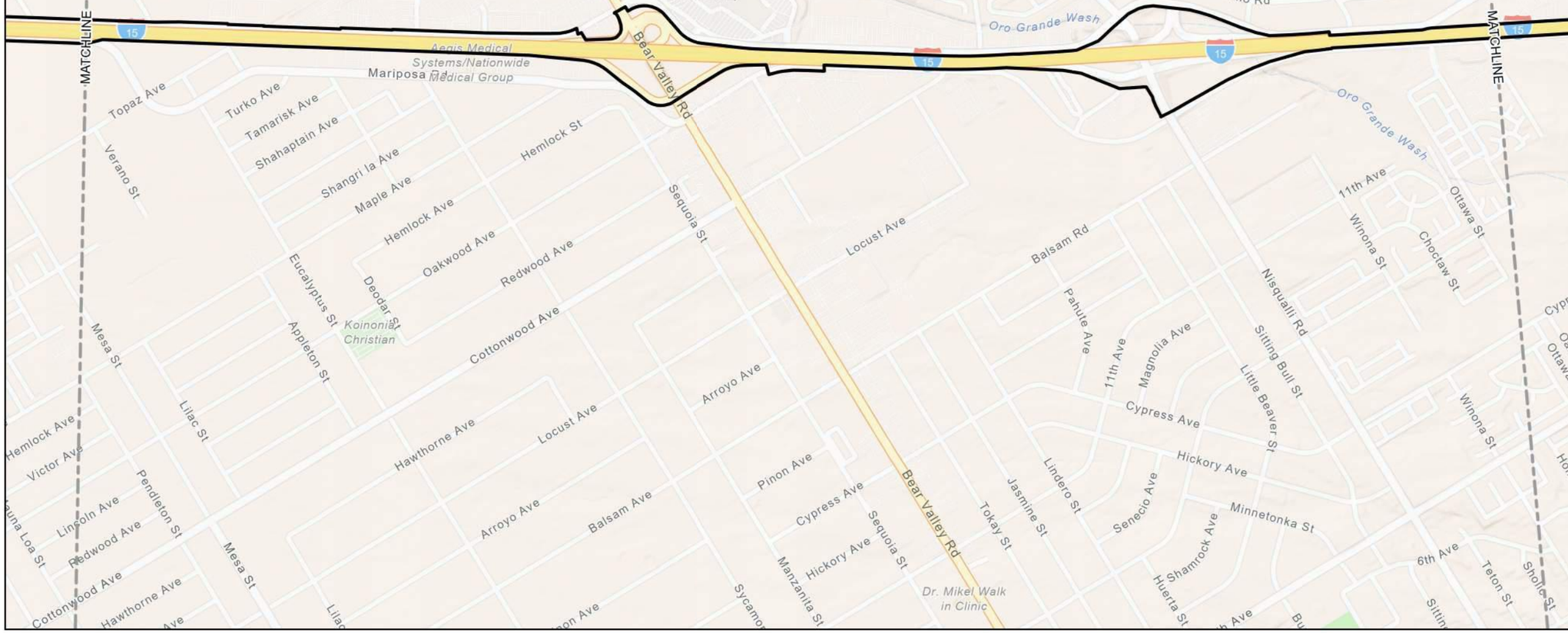
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 6 of 16
Project Footprint

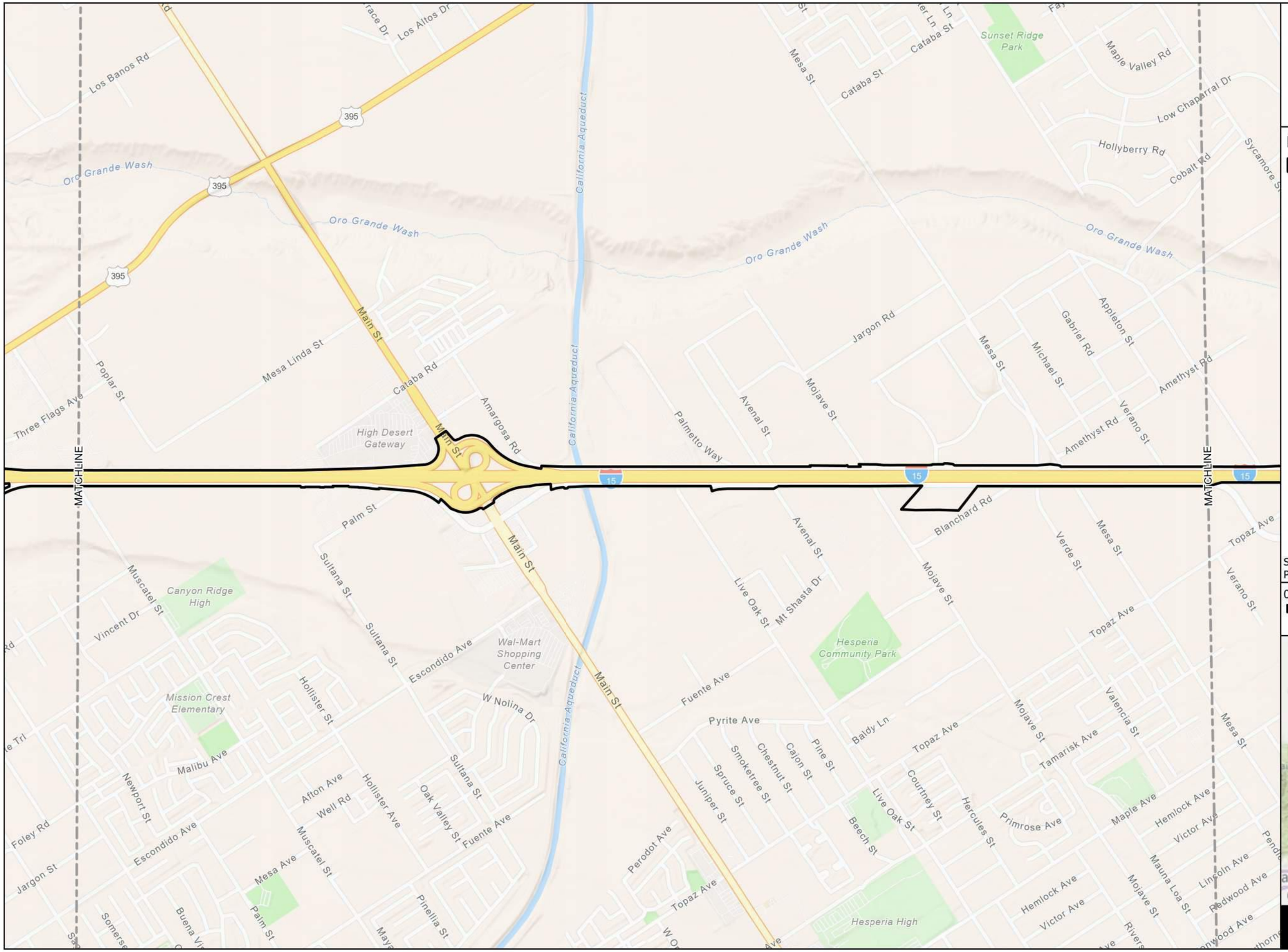
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

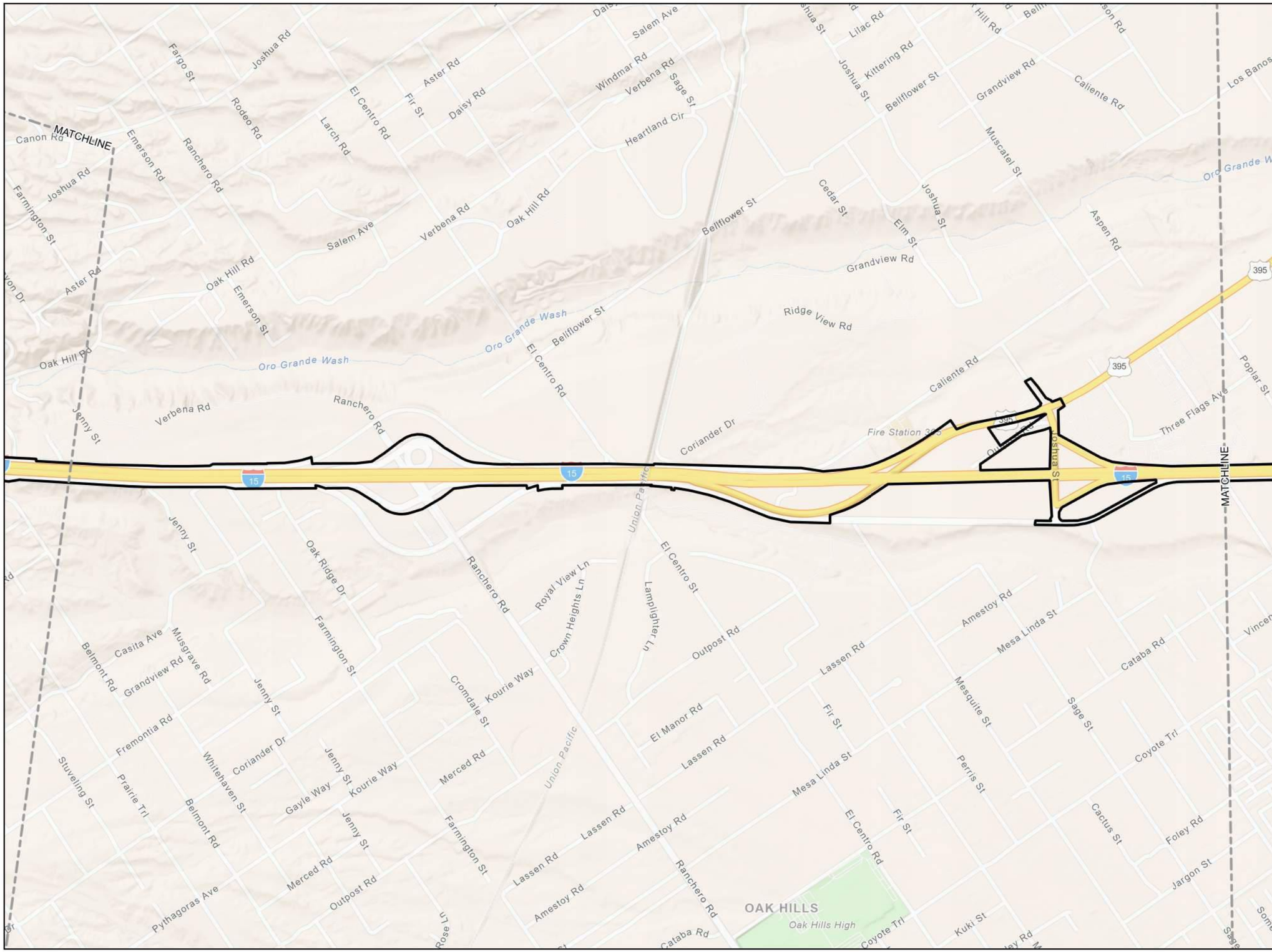
Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 7 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

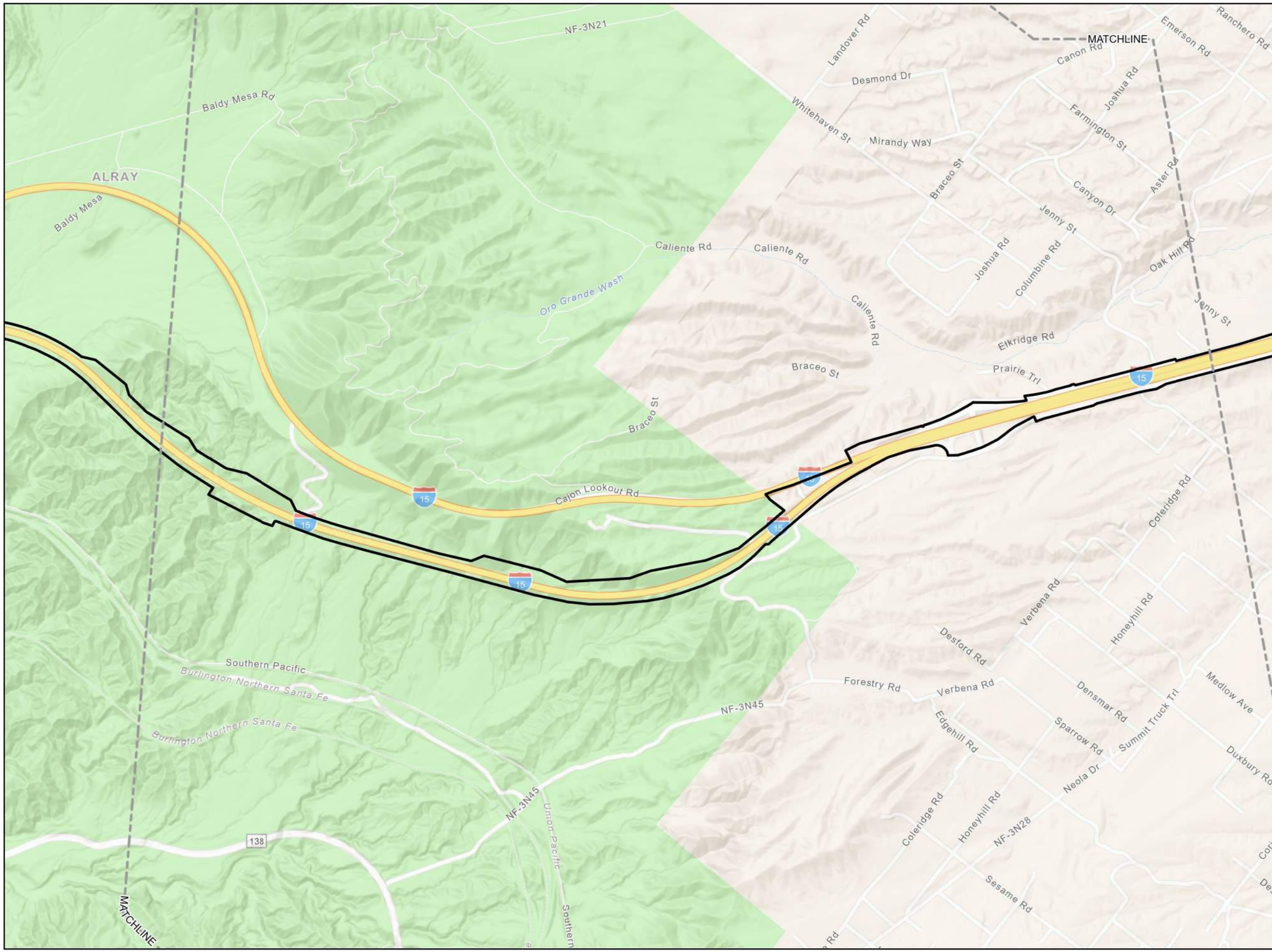


Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 8 of 16
Project Footprint

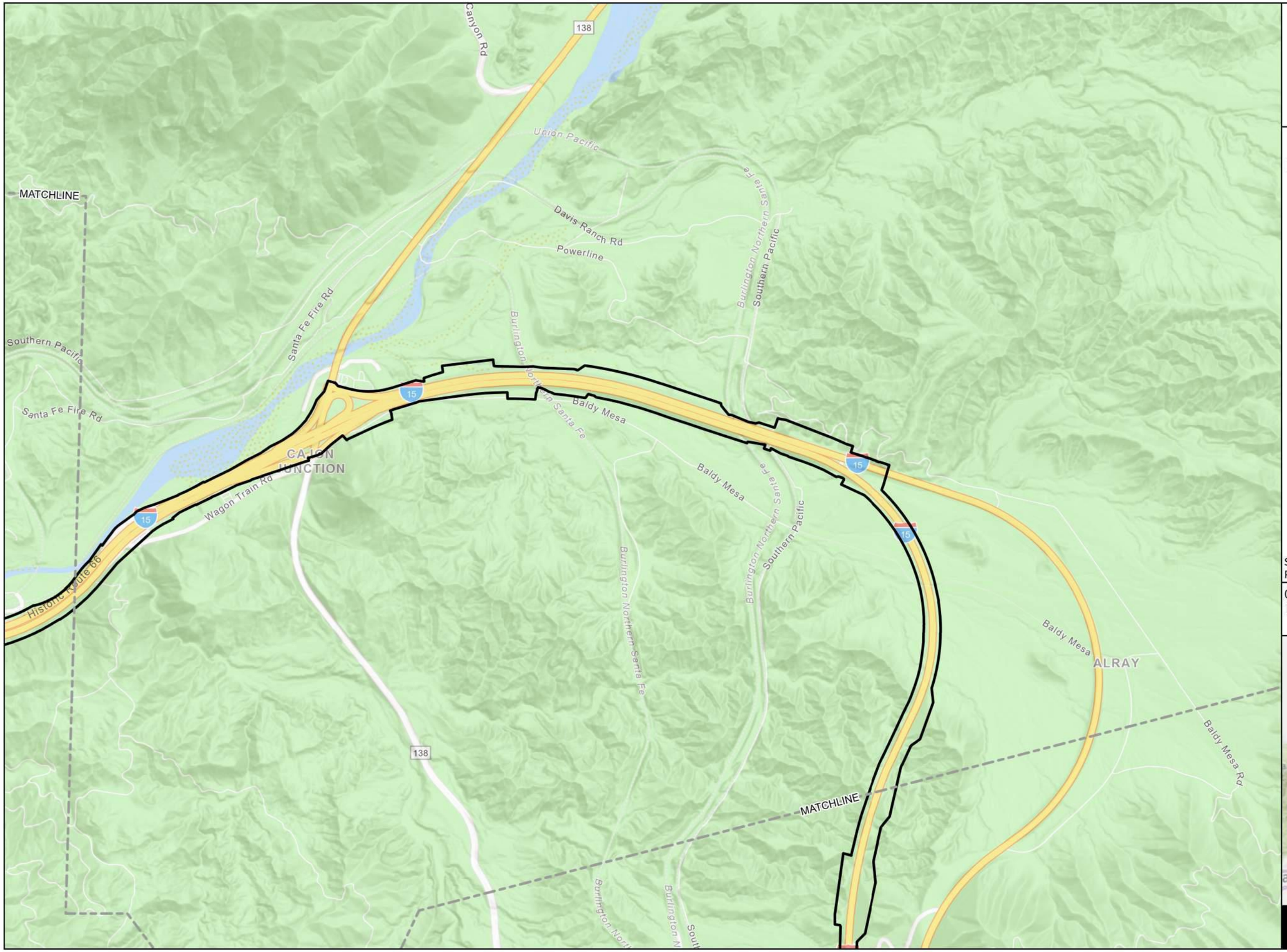
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 9 of 16
Project Footprint

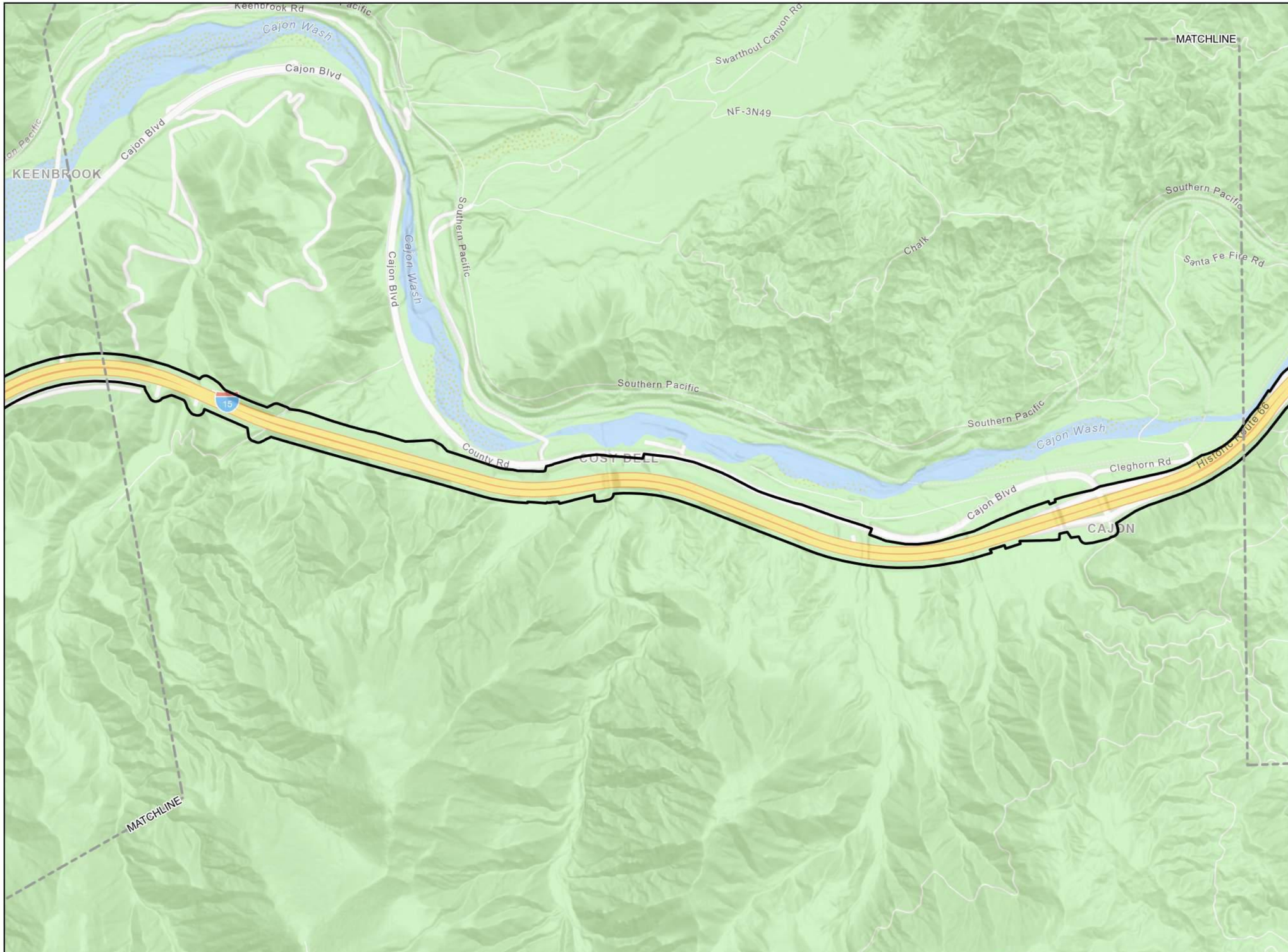
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 10 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

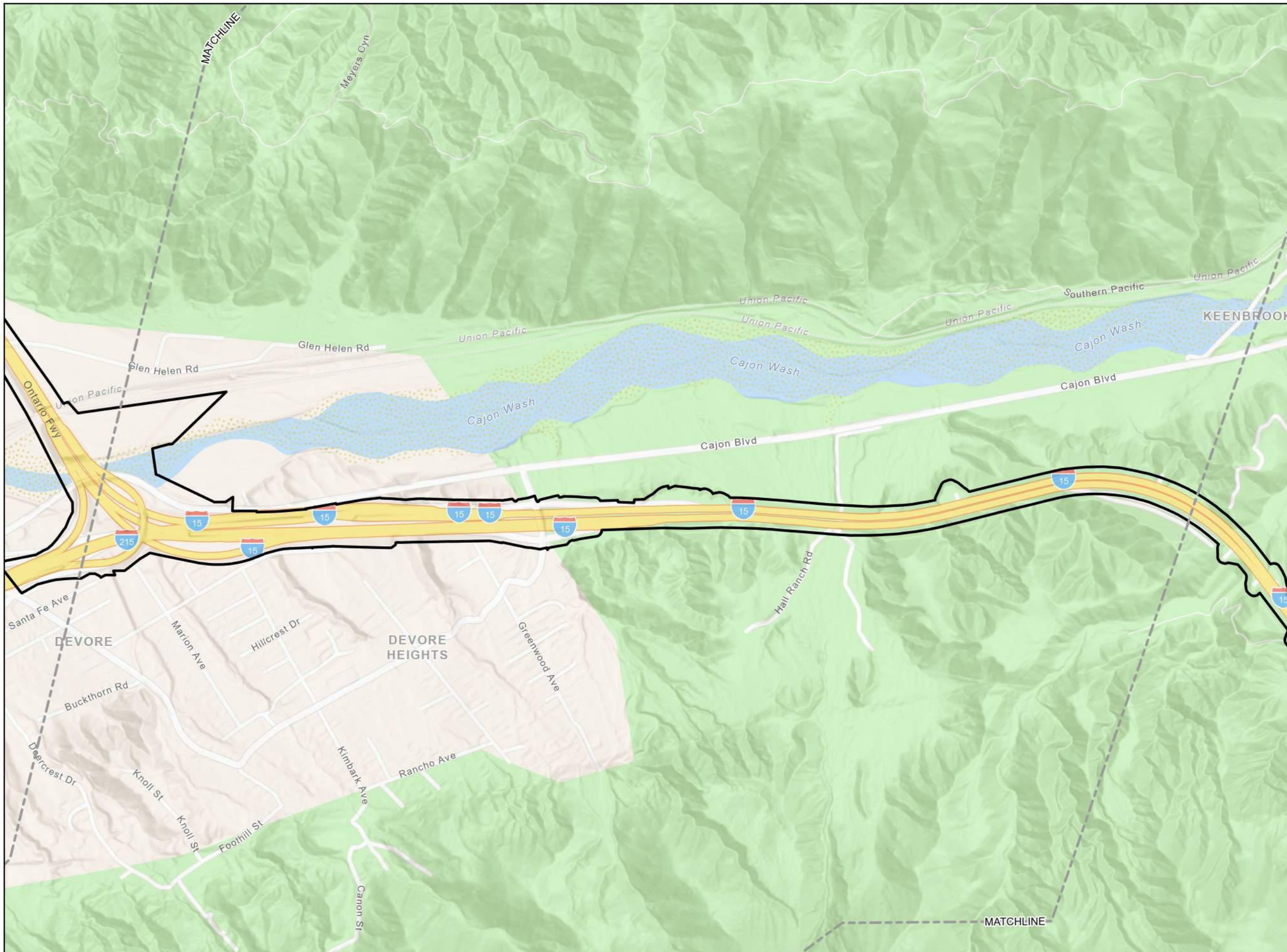
Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet

N



Sheet 11 of 16
Project Footprint

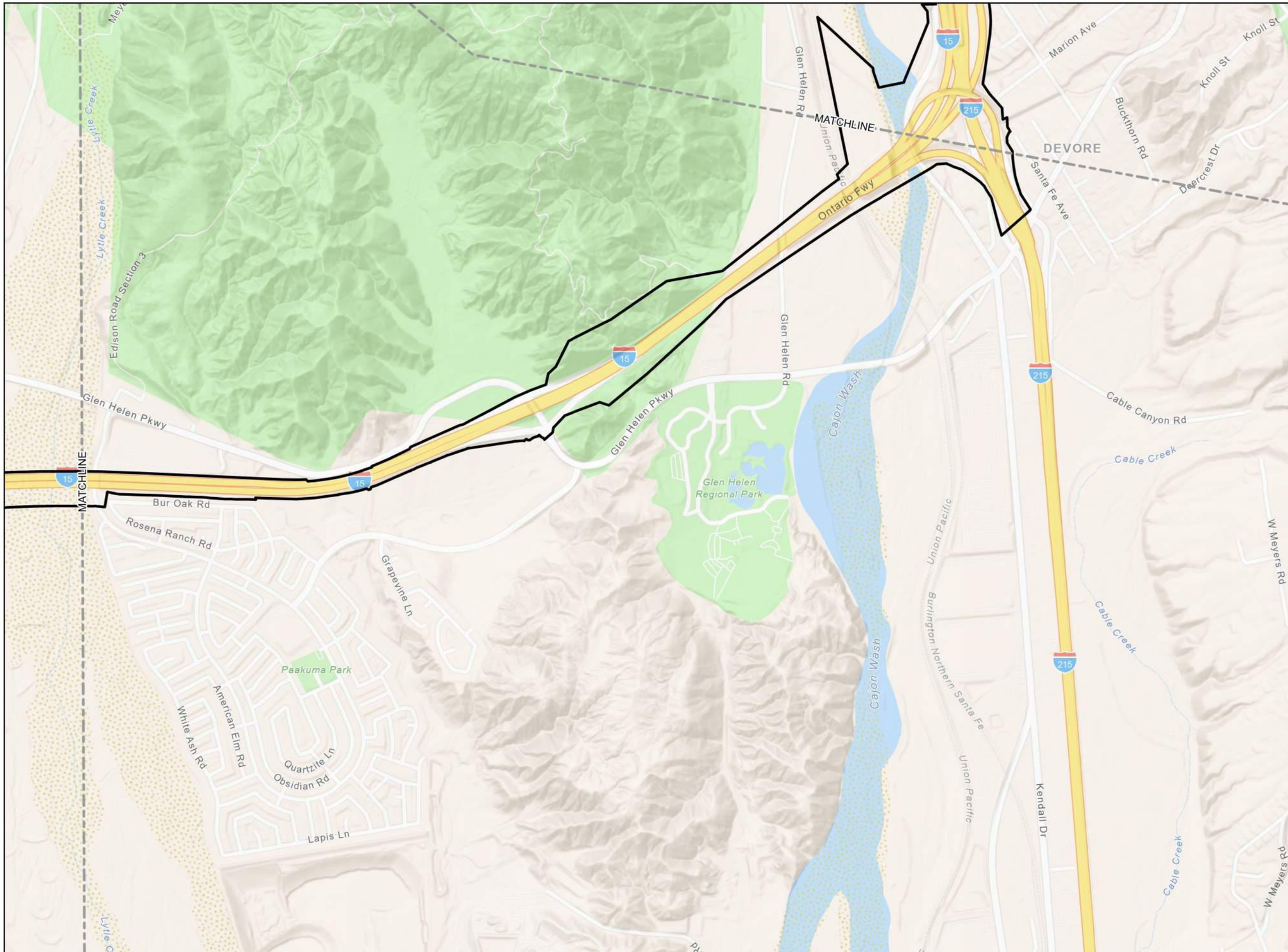
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 12 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet

Sheet 13 of 16
Project Footprint

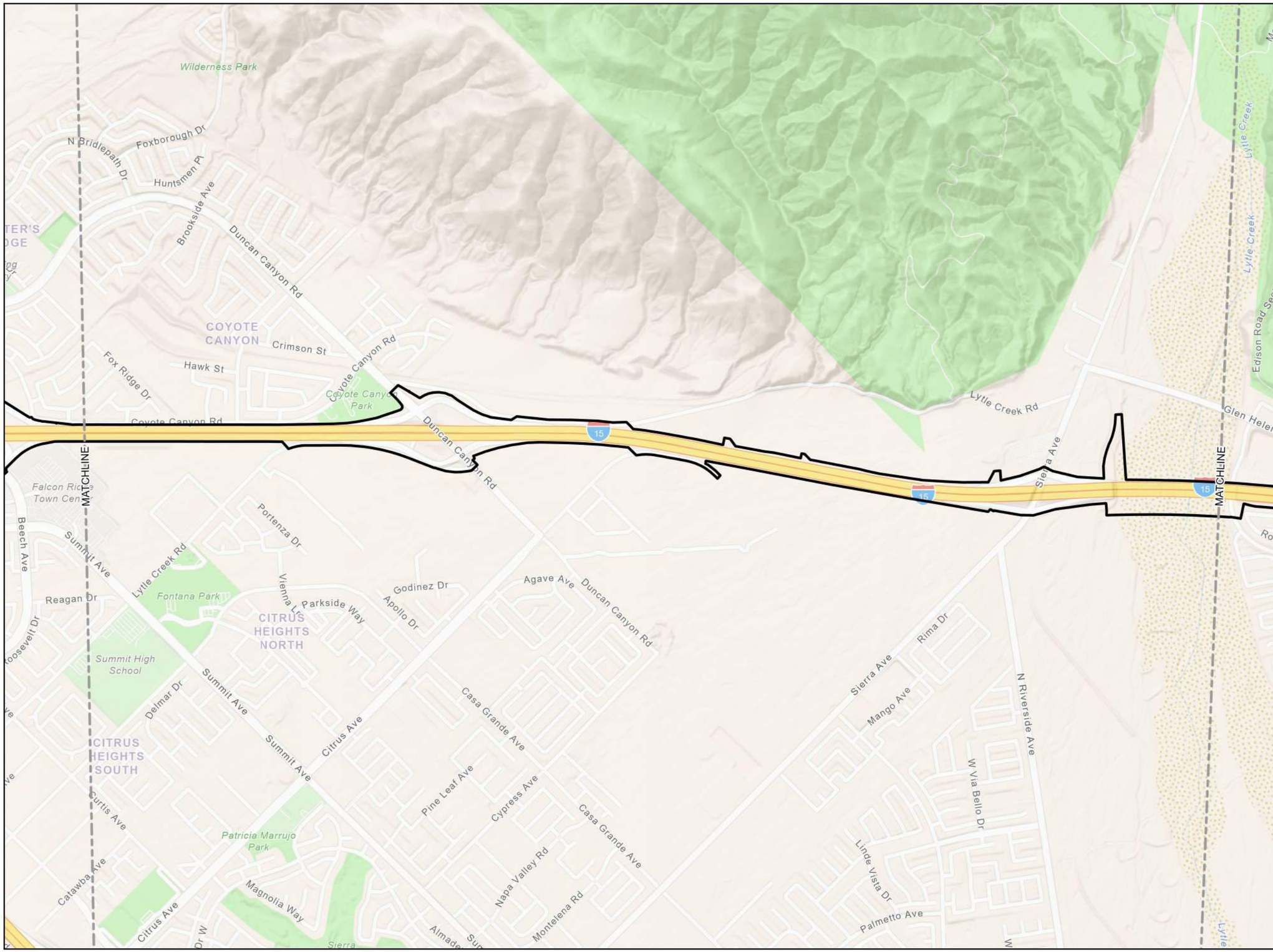
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 14 of 16
Project Footprint

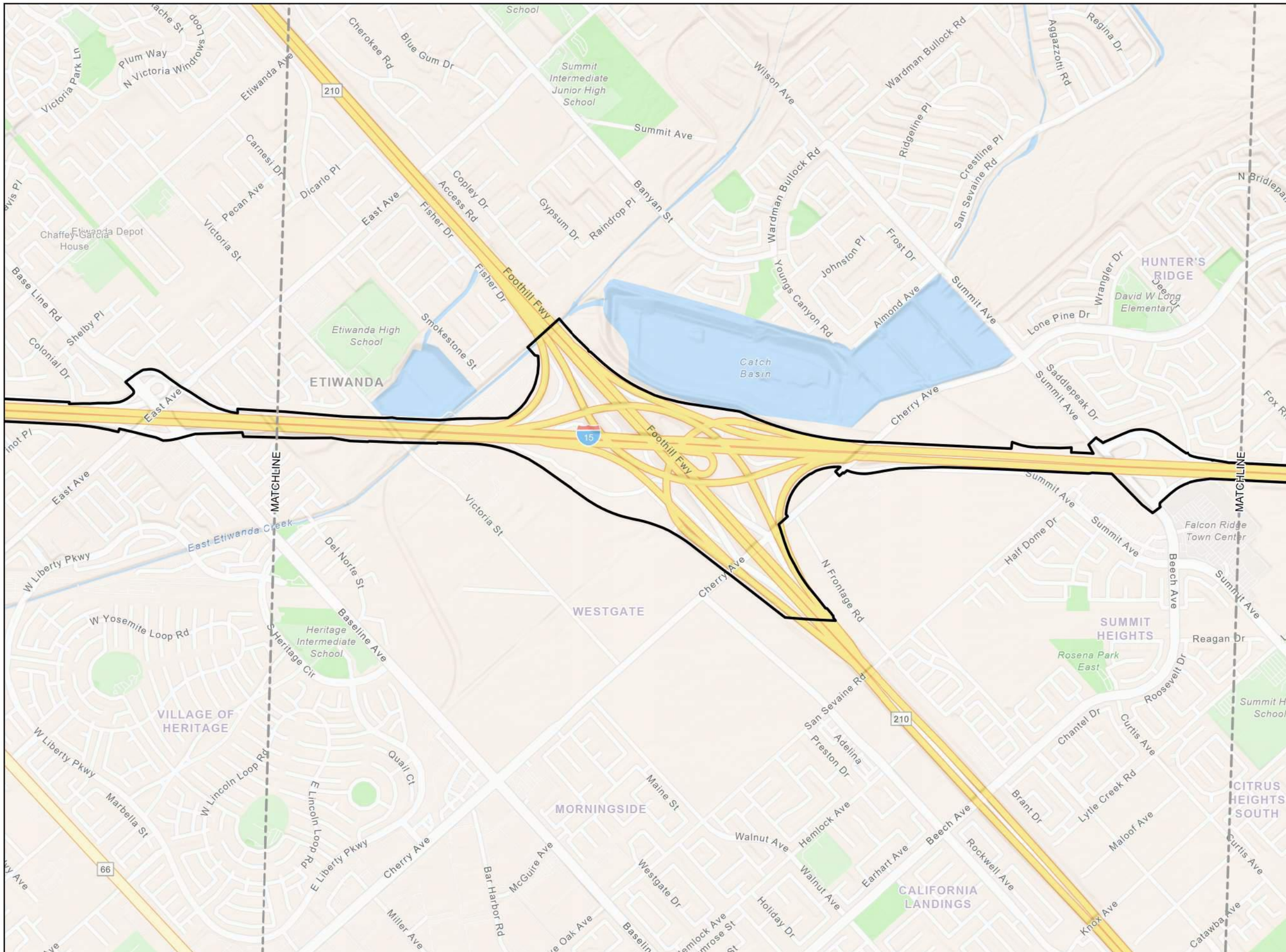
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 15 of 16
Project Footprint

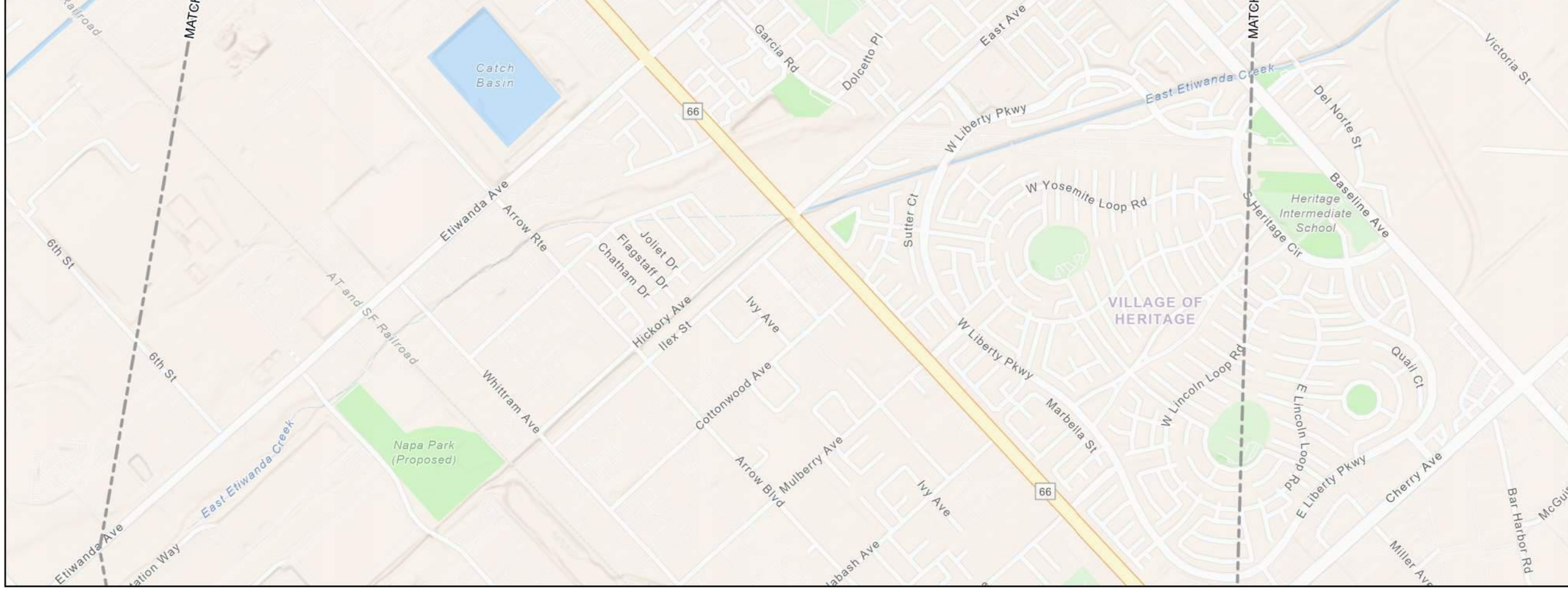
Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California

Legend

Project Footprint

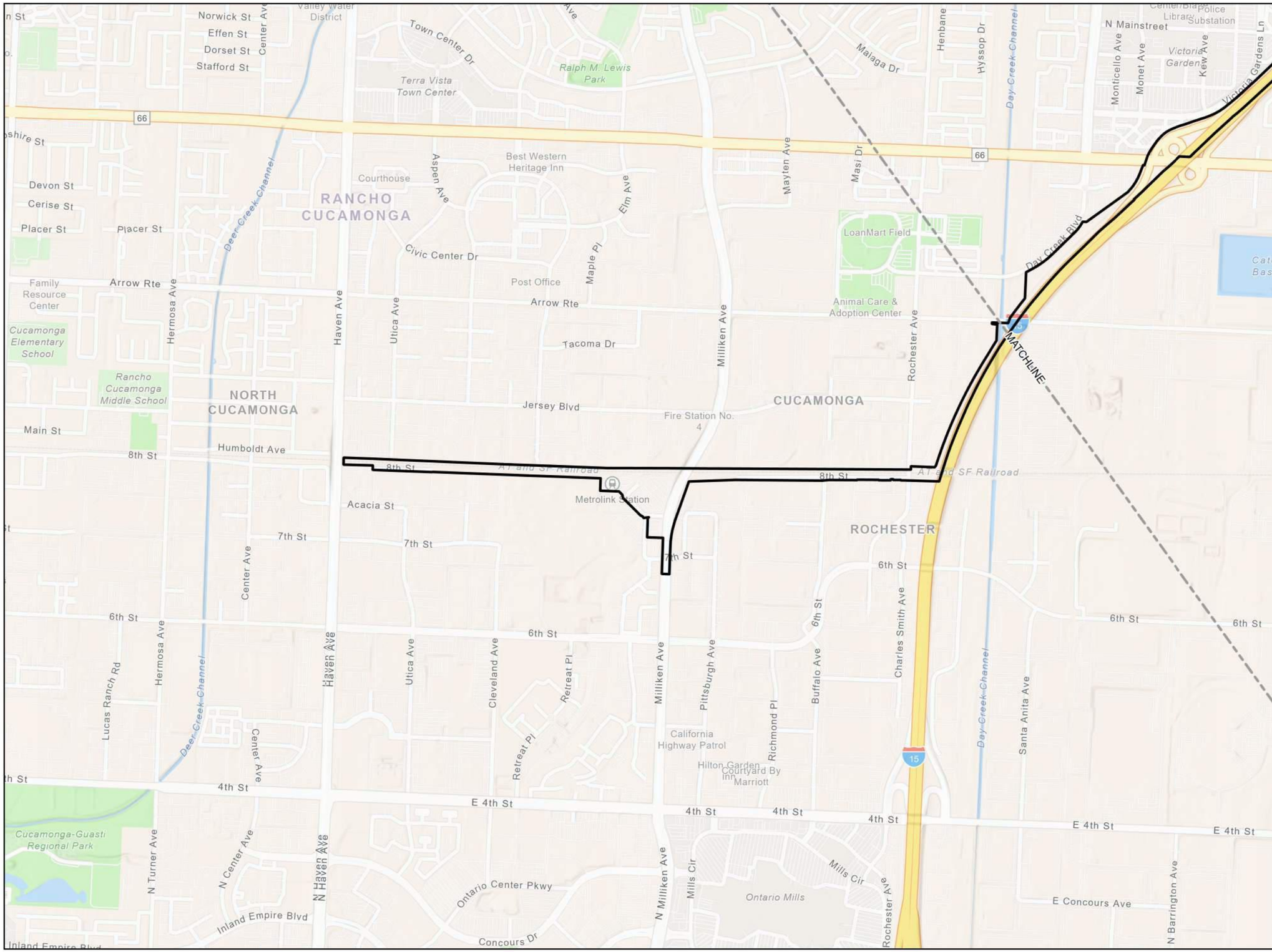
Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet



Sheet 16 of 16
Project Footprint

Brightline West Cajon Pass
High-Speed Rail Project
San Bernardino County, California



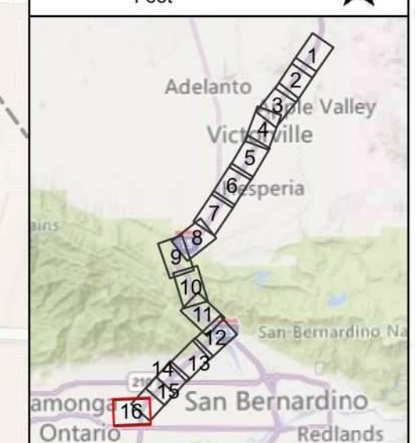
Legend

Project Footprint

Source: Brightline West, USDA, Esri, Bing (2022).
Project Footprint dated to 6/1/2022

0 750 1,500 2,250
Feet

N



GENERAL NOTES:

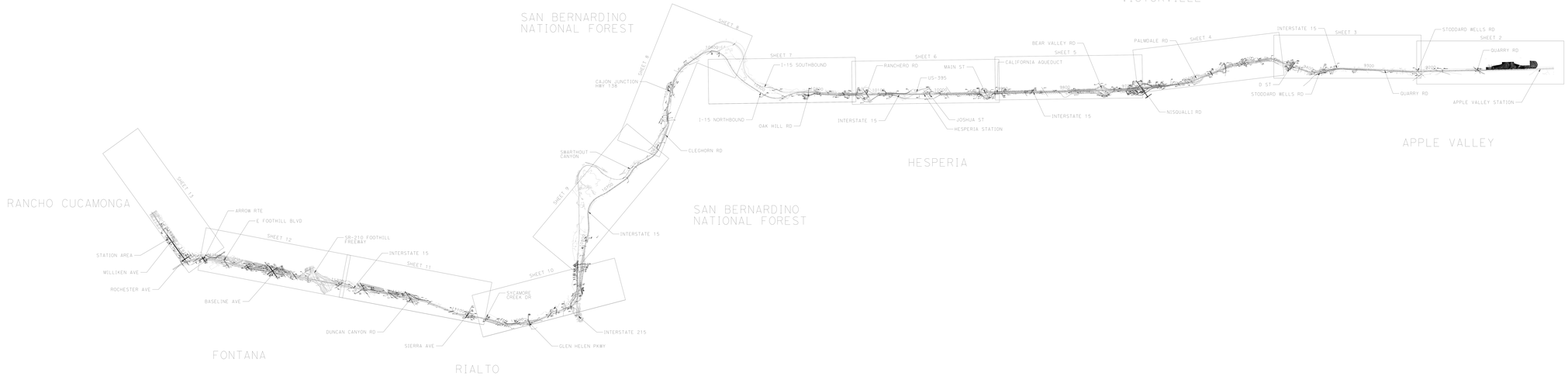
1. "ORIGINAL GROUND" SHOWN ON PROFILES REFERS TO THE APPROXIMATE VERTICAL GROUND LINE AT THE DESIGNATED TRACK CENTERLINE/BASELINE, ON LEVEL GROUND.
2. HORIZONTAL AND VERTICAL DISTANCES ARE IN US CUSTOMARY UNITS UNLESS OTHERWISE SPECIFIED.
3. EXISTING UTILITIES ON PROFILES IS BASED ON AS-BUILTS RECEIVED FROM CALTRANS AND UTILITY OWNERS. CURRENT LOCATIONS, DEPTHS, AND ADDITIONAL UTILITIES MUST BE VERIFIED IN THE FIELD. TO BE DETERMINED WHEN MORE DETAILED SURVEY INFORMATION IS AVAILABLE.
4. ROD AND CULVERTS WILL BE EVALUATED TO ENSURE THE DESIGN CRITERIA OF 100 YEAR FLOOD IS MET. ROD AND CULVERTS WILL BE EXTENDED WITH EITHER RE-SPLICED WITH STANDARD CONCRETE OR BE REINFORCED WITH STEEL PLATE DEPENDING ON SITE CONDITIONS.
5. PIPES AND CULVERTS WILL BE EVALUATED AND REPLACED UNDER THE BLR PROJECT TO MEET THE DESIGN CRITERIA AND DESIGN CRITERIA OF 8' OF COVER FROM TOP TO WEAR.
6. FOR RETAINING WALL AND TRENCH LOCATIONS SEE ANNOTATION IN PROFILE.

TRACK ALIGNMENT NOTES:

1. TRANSITION SPIRALS ARE DEFINED IN LEGEND DEFINITION.
2. "NORTHBOUND EDGE OF TRAVELED WAY (NB ETW)" REPRESENTS THE DISTRIBUTION OF THE MAIN TRACK.
3. "SOUTHBOUND EDGE OF TRAVELED WAY (SB ETW)" REPRESENTS THE TOP OF THE LOWEST RAIL THROUGH HORIZONTAL CURVES.
4. "WATER" REPRESENTS THE EDGE OF WATER AT TIME OF SURVEY.
4. TRACK GEOMETRY AND COORDINATES ARE FROM TRACK CENTER LINES UNLESS SHOWN OTHERWISE.
5. TRACK CENTER LINE COORDINATES ARE ACQUIRED FROM PSOMAS.
6. VERTICAL DATUM FOR BLR IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) AND ESTABLISHED UTILIZING A FAST-STATIC GPS SURVEY TO THE CORS STATIONS IN THE VICINITY OF THE PROJECT. DETERMINED LOCALLY BY NGS POINTS (TEN-SECONDS) BY(NA-27 FT)(ST) AND VPCN OF DR ST.
7. HORIZONTAL COORDINATE ZONE IS AS FOLLOWS: NAD 83 CALIFORNIA STATE PLANE, ZONE V (FT US)
8. ALL PROPERTY, RIGHT OF WAY, UTILITIES, FACILITIES AND THE REQUIRED PROTECTION OF RELOCATION OF UTILITIES.
9. SEE TRACK CHARTS FOR SPECIAL TRACKWORK.
9. PASSED SIGNIFICANT AND MAX ALLOWABLE DESIGN SPEED. FINAL SPEEDS FOR TRAIN OPERATING CHARACTERISTICS HAVE NOT YET BEEN INCORPORATED AND WILL BE DETERMINED IN THE NEXT PHASE.
10. SEE LATEST VERSION OF BRIGHTLINE WEST DESIGN CRITERIA FOR CLEARANCE REQUIREMENTS.

LEGEND:

EX GROUND
NORTHBOUND EDGE OF TRAVELED WAY (NB ETW)
SOUTHBOUND EDGE OF TRAVELED WAY (SB ETW)
WATER
TELECOMMUNICATION
SEWER
GAS
ELECTRIC
OIL
STORM DRAIN



KEY MAP
NOT TO SCALE

					DESIGNED BY: J.C.BARLLA		
					DRAWN BY:		
					CHECKED BY:		
					DESIGN MANAGER:		
					M. CARDENAS		
					DESIGN MANAGER:		
					J. MORGAN		
REV	DATE	BY	CHK	APP	DESCRIPTION		

HNTB
HNTB CORPORATION
200 S. Los Angeles St., Ste. 750
Los Angeles, CA 90012
Phone: (213) 418-2000

brightline WEST

BRIGHTLINE WEST

SOIL TRACK
KEY MAP

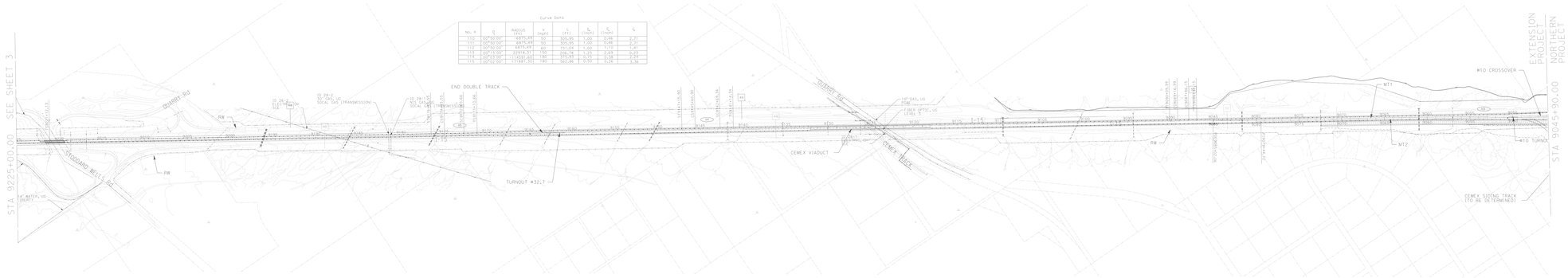
CAD FILENAME: 01_.DWG
NOT SCALE

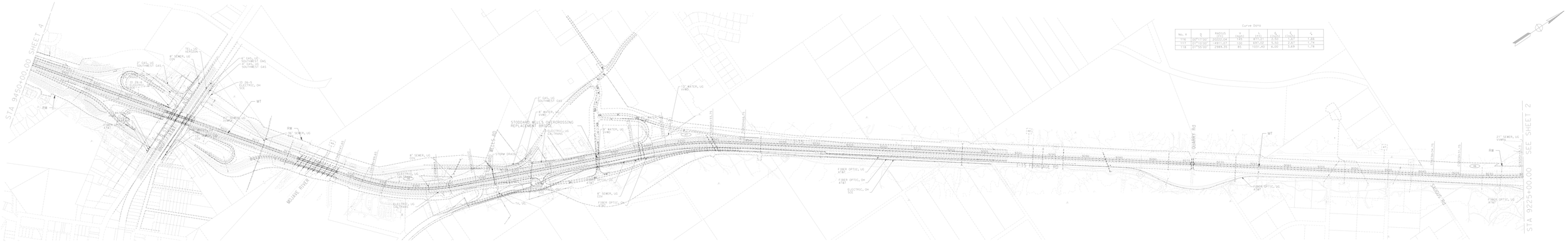
CONTRACT NO.: NOT TO SCALE

REV | SHEET NO. | TOTAL NO.

Curve Data

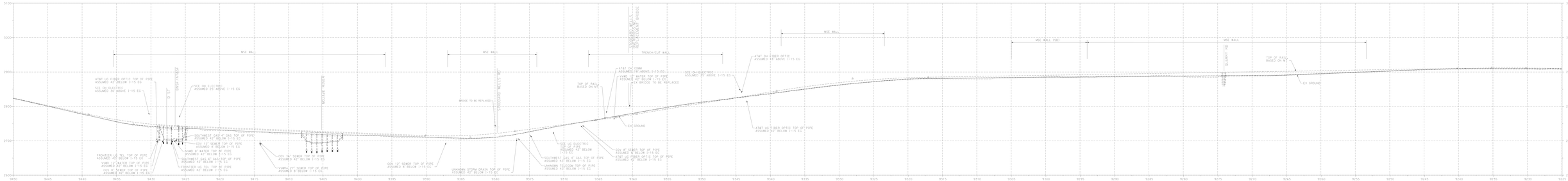
No. X	Δ	RADIUS (FT)	T (inch)	L (FT)	L (CHD)	K
112	00°50'00"	48ft(CIR)	50	305.95	1.00	0.49
113	00°50'00"	1911.49	50	305.95	1.00	6.41
113	00°50'00"	48ft(R)	60	315.04	1.00	1.19
113	00°15'00"	(1918.1)	150	506.18	1.45	2.63
114	00°03'00"	(1559.00)	180	570.93	0.52	2.23
115	00°02'00"	(11881.50)	180	562.86	0.50	3.36


STA 9225+00.00 SEE SHEET 3
STA 9045+90.00
EXTENSION PROJECT
NORTHERN PROJECT
CHERRY RD
STANDARD MILLS RD
END DOUBLE TRACK
TURNOUT #32,T
CEMEX VIADUCT
CEMEX TRACK
#10 CROSSOVER
#10 TURNOUT
CEMEX SIDING TRACK (TO BE DETERMINED)
MT1
MT2
RW
I-15
SOCAL GAS (TRANSMISSION)
SDG&E (TRANSMISSION)
FIBER OPTIC, UG
LEVEL 3
SDG&E (DISTRIBUTION)
WOODSIDE AVE
TAPESTRY DR
SOUTH HIGH DR
SOUTH MAIN ST
CORTEZ HILL RD
SOUTH MAIN ST
SOUTH MAIN ST
SOUTH MAIN ST



Curve Data

No.	Δ	RADIUS	CHORD	T	L	L_c
		(FEET)	(FEET)	(FEET)	(FEET)	(FEET)
116	00°11'00"	22222.04	143	87.21	2.50	1.48
117	07°10'00"	4911.37	100	497.00	6.50	2.41
118	07°55'00"	2989.35	85	1031.40	6.50	5.49



0 5 10 20 30 40 50
(UTCA) 1"=40' (FOOT)

Curve Data

No.	Δ	RADIUS (feet)	T (feet)	E (feet)	L (feet)	L
119	01°10'00"	14843.35	151.26	0.77	302.07	1.18
120	00°26'55"	14843.35	93	0.29	186.90	0.73
121	00°11'30"	20000.31	105	0.27	134.08	0.52
122	01°03'40"	19000.62	99	0.27	214.80	0.83
123	00°27'55"	15000.08	80	0.21	256.36	0.99
124	00°11'45"	20000.31	105	0.27	137.12	0.53
125	00°11'45"	20000.31	105	0.27	137.12	0.53
126	00°11'45"	20000.31	105	0.27	137.12	0.53
127	00°11'45"	20000.31	105	0.27	137.12	0.53
128	00°05'55"	61577.58	155	0.21	300.23	0.29
129	00°05'55"	61577.58	155	0.21	300.23	0.29

brightline WEST

HNTB
Corporation
Corporate Headquarters: One, Hallidie Plaza, Suite 700
San Francisco, CA 94102
Phone: (415) 547-7000

REV	DATE	BY	CHK'D	DESCRIPTION

DRAWN BY: G. A. SMALLE
CHKD BY: M. ROSS
APPD BY: M. ROSS
DATE CHKD: 05/02/22
DATE APPD: 05/02/22

CONTRACT 117 BASIS
DGN FILE: 117-MP03.DGN

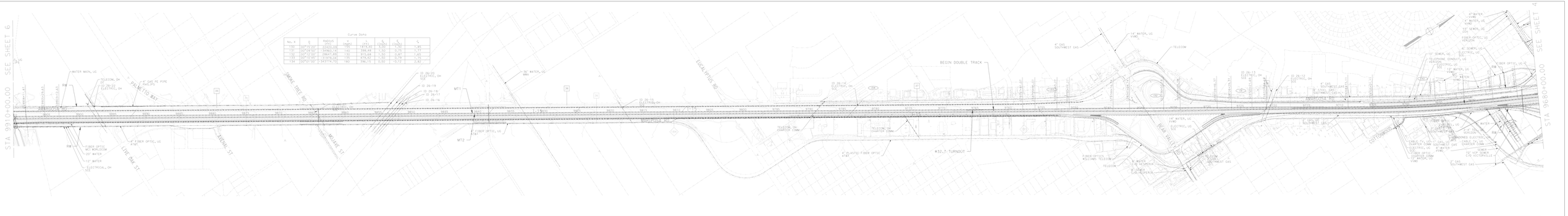
BRIGHTLINE WEST

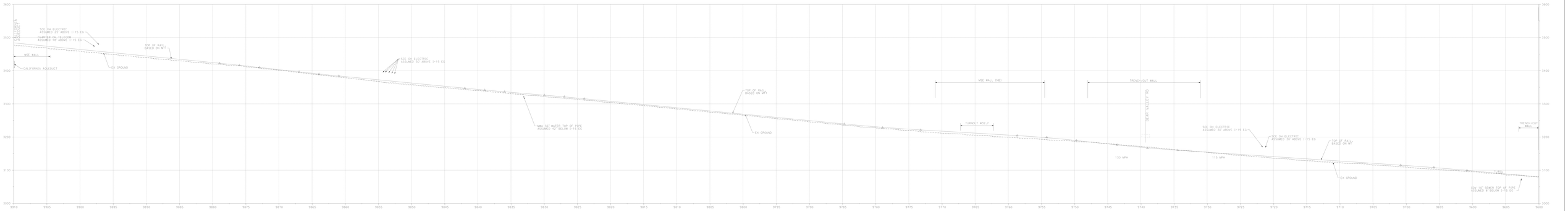
DOG BARK
PLAN & PROFILE
STA 9450+00 TO STA 9680+00

USE FILENAME: 117-DGN-.DGN
SCALE: 1" = 200'
CONTRACT NO.:
DRAWING NO.: 117-MP03-DGN-
SHEET NO.: 4
TOTAL SHEETS: 5

Curve Data

No. ∨	Q	RADIUS (FT)	I (DEG)	L_T (FT)	L_C (FT)	L_S (FT)	X_S
130	COPY130.00	22800.00	1°55'	1819.40	3.00	0.30	1.89
131	COPY131.00	14400.00	2°34'	328.24	3.00	0.30	0.75
132	COPY132.00	14647.99	1°30'	315.68	1.50	0.87	1.45
133	COPY133.00	14647.99	1°30'	315.68	1.50	0.87	1.45
134	COPY134.00	54171.01	1°0'	296.15	0.50	0.12	2.45





VERTICAL 1"=40' HORIZONTAL 1"=200'

REV.	DATE	BY	CHK	APP	DESCRIPTION

COVERAGE: 11 INCHES
DON'T FILE, LIT WRIGHTSVILLE

DRAWN BY
M. BLALLE
DWG BY
M. BLALLE
CHK BY
M. MCCONNAL
APP BY
M. MCCONNAL
DATE
09/09/22

brightline WEST

HNTB
CORPORATION
Brightline West Project Office, Ste. 750
Rancho Cucamonga, CA
Phone: 909-483-7000

BRIGHTLINE WEST

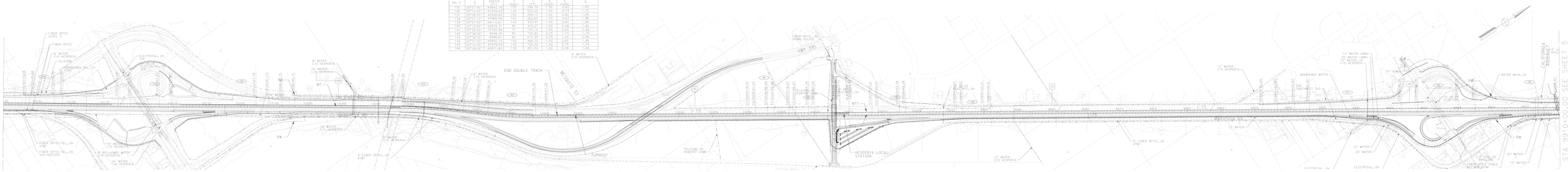
SHT. TRACK
PLAN & PROFILE
STA. 9680+00 TO STA. 9910+00

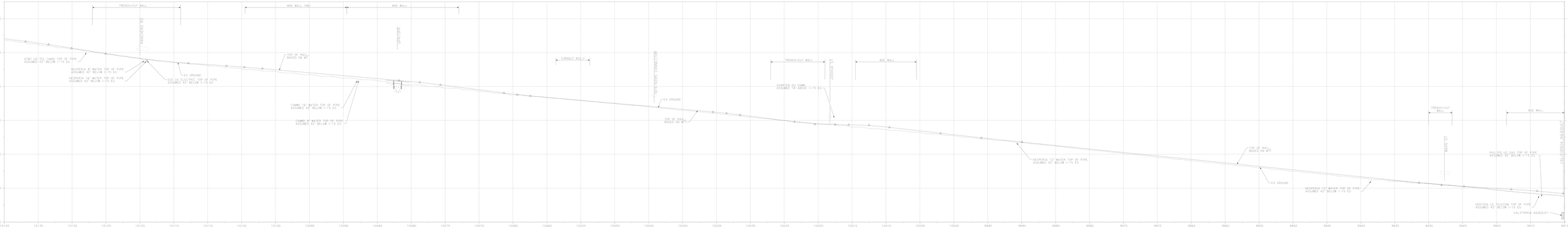
USE FILENAME: H-0001.dgn
SCALE: 1" = 200'
CONTRACT NO.
DOCUMENT NO. | SHEET NO. 5 | TOTAL NO. 6

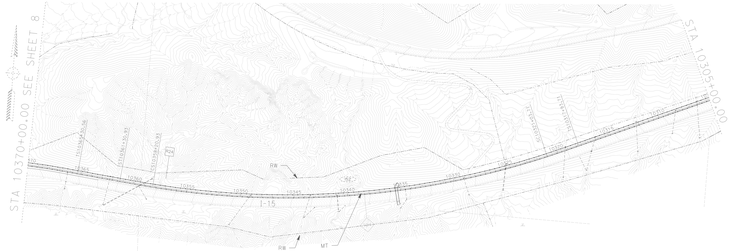
PLOT DATE: 9/9/2022
FILE NAME: H:\PLAN&PROF\H-0001.dgn
FILE SIZE: 36.00 x 48.00 INCHES

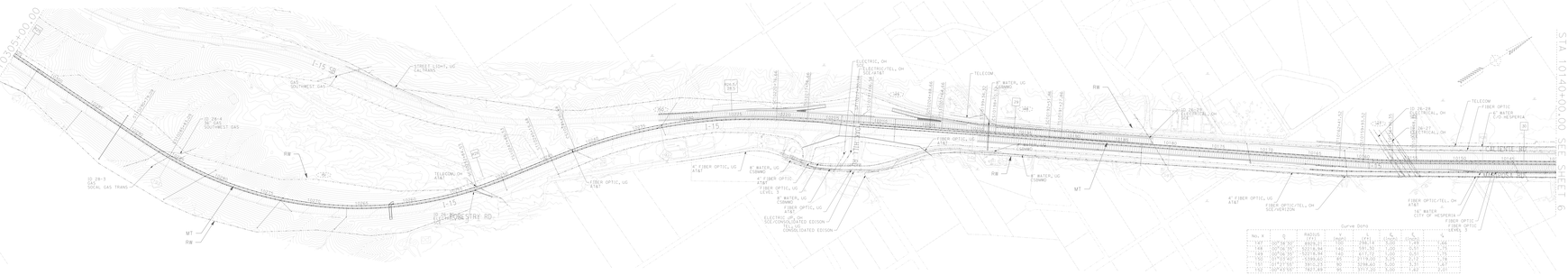
Curve Data

No.	Δ	RADIUS (FT)	LENGTH (FT)	LEFT (FT)	RIGHT (FT)	%
135	00°13'40"	31979.04	127	63.78	63.78	0.40
136	00°18'45"	31979.04	175	522.22	1.52	0.79
137	00°18'07"	47968.56	150	289.73	1.50	0.63
138	00°07'12"	47968.56	150	300.60	1.50	0.63
139	00°00'01"	49170.61	140	133.93	1.50	0.58
140	00°13'00"	12916.51	95	310.22	1.00	0.58
141	00°14'30"	12916.51	95	332.77	1.00	0.62
142	00°18'00"	9549.30	90	153.16	1.25	0.62
143	00°14'25"	9988.41	90	417.15	2.25	1.00	2.06
144	00°07'40"	49495.18	150	468.30	1.50	0.63	1.25
145	00°10'45"	31979.04	150	100.00	1.50	0.78	1.25
146	00°08'00"	42977.83	150	451.50	1.50	0.58	1.25



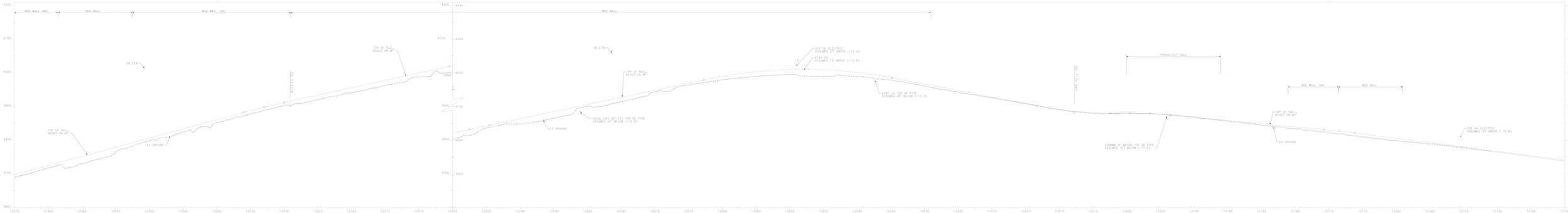






Curve Data

No.	Δ	Radius (ft)	Length (ft)	R_o (ft)	L_o (ft)	L_s (ft)	Δ_s
L87	00°58'30"	8955.0	190	190.14	0.00	0.00	1.44
L88	00°06'30"	9229.94	140	139.50	0.00	0.00	0.15
L89	00°06'30"	9229.94	140	139.50	0.00	0.00	0.15
L90	00°23'00"	5395.00	90	90.00	0.00	0.00	0.48
L91	00°23'00"	5395.00	90	90.00	0.00	0.00	0.48
L92	00°57'45"	5395.00	90	90.00	0.00	0.00	1.47
L93	00°57'45"	5395.00	90	90.00	0.00	0.00	1.47



REV	DATE	BY	CHK	APP	DESCRIPTION

CONTRACT 417-B0EX
DOH FILE 417-WB0EX01

Prepared by
AECOM
Joel Ballard
Jonathan Bell
Tyler Cowan
Nicholas Zanoni
Ty Jones
Ryan Ottmann
09/02/22

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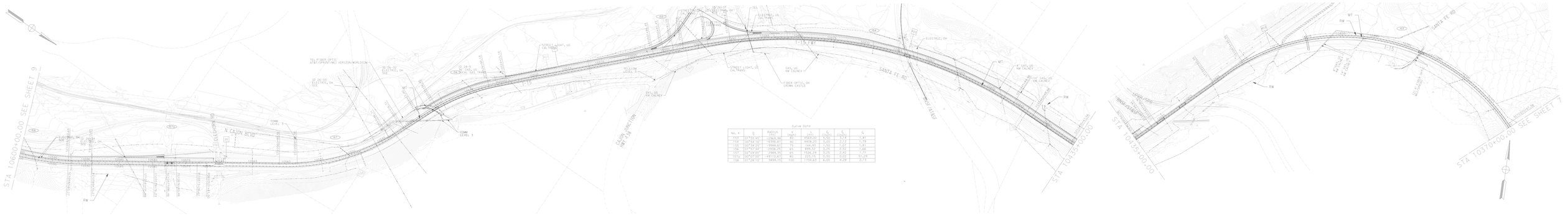
SHEET TITLE
PLAN & PROFILE
STA 10400+00 TO STA 10370+00

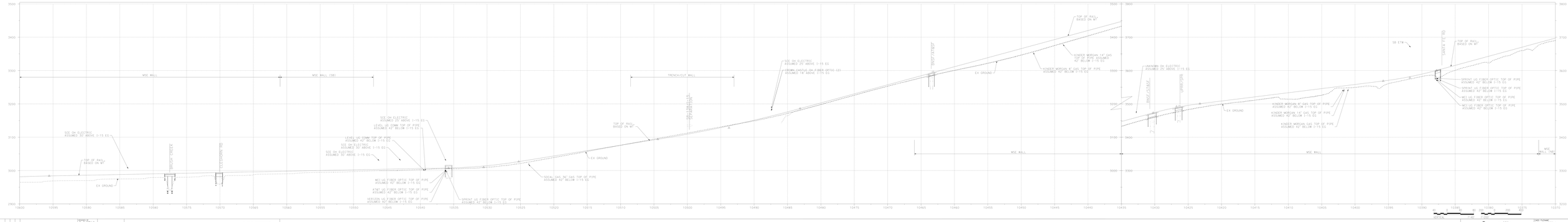
USE FILENAME
PP-0100-1.dgn
SCALE: 1" = 200'
CONTRACT NO.
DOCUMENT NO.
SHEET NO. 7
PAGE NO. 7

DGN: PP-0100-1.dgn
DATE: 9/2/2022 4:47:20 PM
FILE SIZE: 24.00 x 36.00 INCHES



Curve Data

No. K	Q	RADIUS (FT)	L (INCH)	L_c (FT)	L_s (FT)	Δ_c
152	31°55'45"	2388.31	75	1332.00	1.50	1.31
153	03°54'15"	4583.69	50	458.20	1.50	0.19
155	09°34'29"	1988.41	75	144.93	1.50	1.07
156	11°51'42"	1938.25	45	399.32	1.25	0.52
157	13°09'45"	2389.35	65	1526.29	3.25	2.42
157a	04°07'00"	4811.04	80	225.15	2.50	0.28
158	01°28'10"	5899.15	100	1754.93	6.00	4.29



REV	DATE	BY	CHK	APP	DESCRIPTION

CONTRACT 17 BASIC
DGN FILE: 17-WB1SEQ1

DESIGNED BY: M. MALLK
DRAWN BY: M. MALLK
CHECKED BY: M. MALLK
APPROVED BY: N. HOLLAND
DATE: 09/09/22

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HNTB
HNTB CORPORATION
Corporate Headquarters: One Grand Central Place, 60 East 42nd Street, New York, NY 10165
Phone: (212) 661-7300

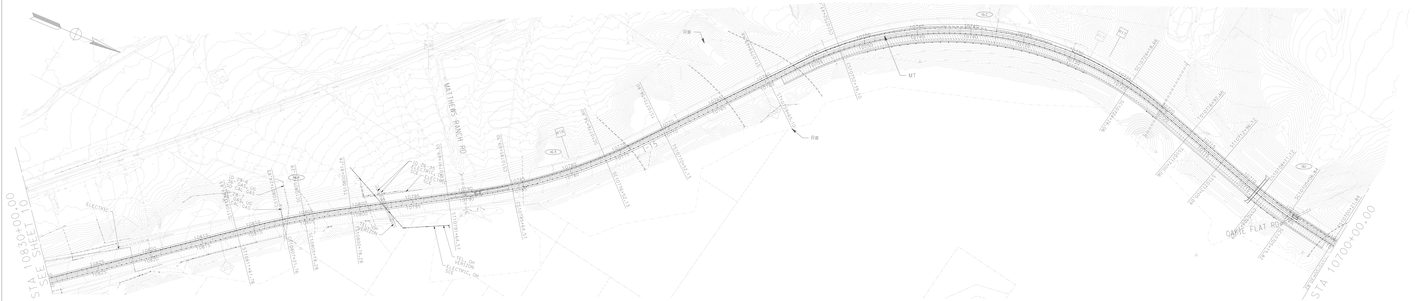
BRIGHTLINE WEST

BOX FRECK
PLAN & PROFILE
STA 10370+00 TO STA 10600+00

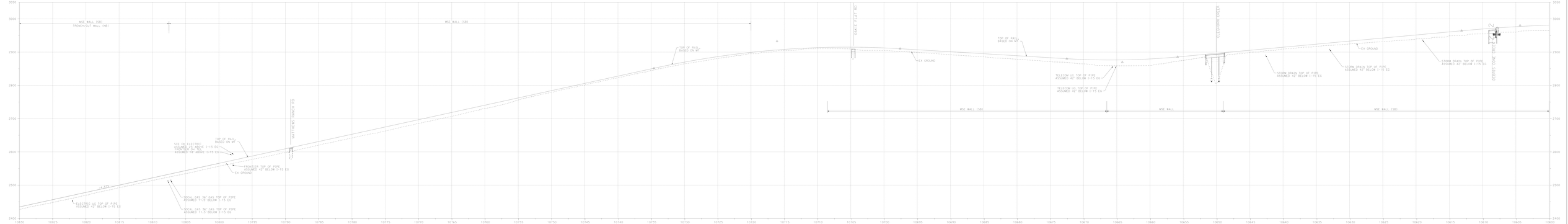
USE FILENAME: 17-PP06.DGN
SCALE: 1" = 20'
CONTRACT NO.: 17-PP-06
DESIGNATION

SHT.	SHEET NO.	TOTAL NO.
	8	

SHEET NO. 8

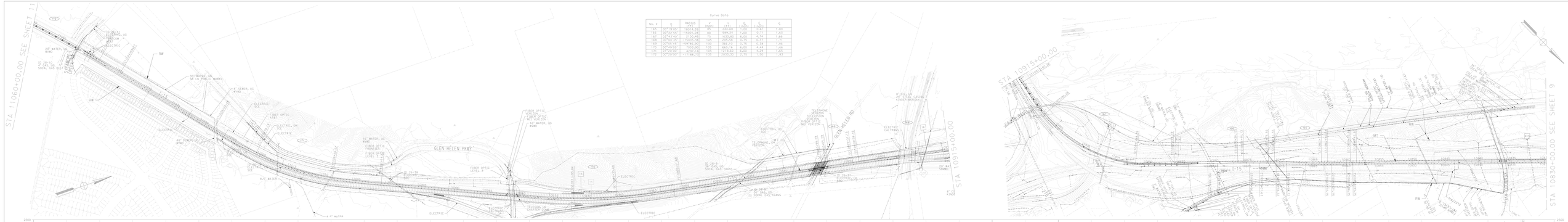


Curve Data							
No.	Δ	RADIUS (FEET)	L (FEET)	T (FEET)	L (CHORD) (FEET)	L (CHORD) (FEET)	Δ
C13	00°05'45"	-5729.65	95	95.00	6.00	5.17	1.06
C61	01°02'45"	5500.47	80	615.93	6.00	5.17	1.06
C62	01°02'45"	-5399.69	95	598.79	6.00	5.17	1.06
C82	01°40'45"	-3049.00	90	1842.75	6.00	4.85	1.70
C83	01°40'15"	4708.15	105	874.75	6.00	5.28	1.63
C84	00°28'40"	-11990.14	145	774.27	4.75	2.28	1.18



Curve Data

No.	Δ	RADIUS (ft)	L_s (ft)	L_c (ft)	L_t (ft)	L_s (ft)	Δ_s
165	00°19'05"	18016.39	85	244.88	1.00	0.41	1.85
166	00°25'45"	15000.00	85	349.37	1.00	0.57	1.93
167	00°29'35"	15000.00	85	401.48	0.75	0.57	1.96
168	00°06'33"	15000.00	125	142.18	0.75	0.31	1.86
169	00°06'33"	15000.00	125	142.18	0.75	0.31	1.86
170	00°49'05"	15916.90	135	566.12	2.00	1.06	1.98
171	00°49'05"	7003.90	135	1287.16	6.00	4.44	1.68
172	01°00'00"	4397.79	135	1919.63	6.25	6.29	1.60
173	00°00'00"	17784.79	135	2035.50	6.75	7.50	1.69



REV	DATE	BY	CHK	APP	DESCRIPTION

CONTRACT 417 BASE
DGN FILE 417 WB12.DGN

DESIGNED BY: M. BALLA
DRAWN BY: M. BALLA
CHECKED BY: M. FERNANDEZ
APPROVED BY: K. O'BRIAN
DATE: 05/20/22

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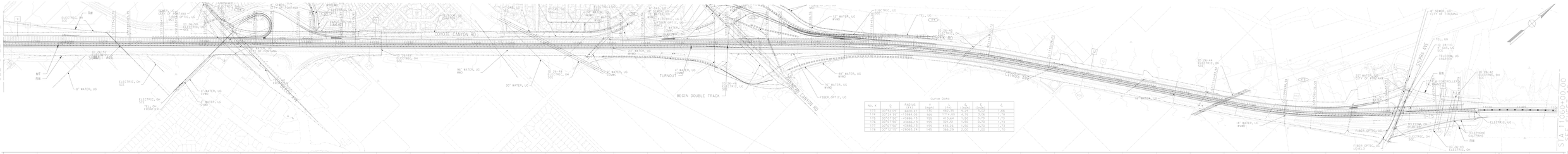
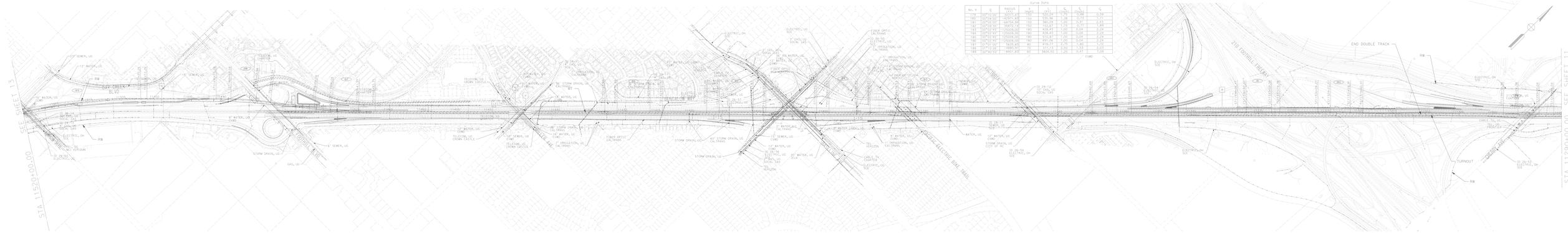
USE FILENAME: 417-PP-12.DGN
USE SCALE: 1" = 200'
CONTRACT NO.: 417
DRAWING NO.: 12
SHEET NO.: 12
TOTAL NO.: 12

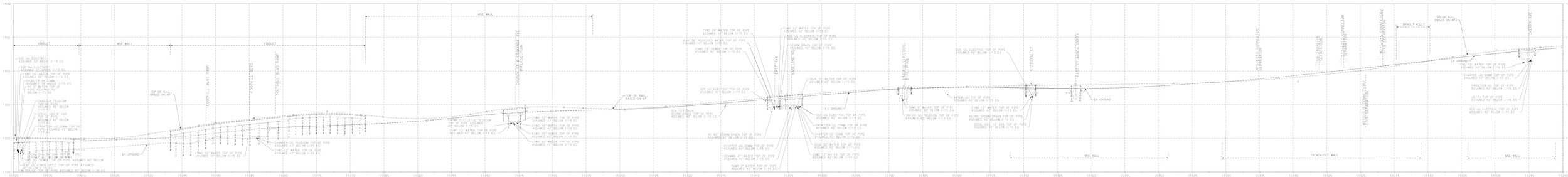


No. #	S	RADIUS (FEET)	Curve Data (DEG)	L (FEET)	L (MILES)	L (MILES)
174	00°25'55"	1788.43	185	290.00	0.15	1.66
175	00°24'30"	1788.43	185	274.00	0.15	1.78
176	00°07'50"	1788.43	185	87.50	0.05	1.83
177	00°01'50"	1788.43	185	19.25	0.01	1.84
178	00°21'15"	1788.43	185	330.25	0.18	2.02
179	00°01'50"	1788.43	185	19.25	0.01	2.03
180	00°07'50"	1788.43	185	87.50	0.05	2.08
181	00°24'30"	1788.43	185	274.00	0.15	2.23
182	00°25'55"	1788.43	185	290.00	0.15	2.38
183	00°21'15"	1788.43	185	330.25	0.18	2.55
184	00°01'50"	1788.43	185	19.25	0.01	2.56
185	00°07'50"	1788.43	185	87.50	0.05	2.61
186	00°24'30"	1788.43	185	274.00	0.15	2.76
187	00°25'55"	1788.43	185	290.00	0.15	2.91
188	00°21'15"	1788.43	185	330.25	0.18	3.08
189	00°01'50"	1788.43	185	19.25	0.01	3.09
190	00°07'50"	1788.43	185	87.50	0.05	3.14
191	00°24'30"	1788.43	185	274.00	0.15	3.29
192	00°25'55"	1788.43	185	290.00	0.15	3.44
193	00°21'15"	1788.43	185	330.25	0.18	3.62
194	00°01'50"	1788.43	185	19.25	0.01	3.63
195	00°07'50"	1788.43	185	87.50	0.05	3.68
196	00°24'30"	1788.43	185	274.00	0.15	3.83
197	00°25'55"	1788.43	185	290.00	0.15	3.98
198	00°21'15"	1788.43	185	330.25	0.18	4.15
199	00°01'50"	1788.43	185	19.25	0.01	4.16
200	00°07'50"	1788.43	185	87.50	0.05	4.21
201	00°24'30"	1788.43	185	274.00	0.15	4.36
202	00°25'55"	1788.43	185	290.00	0.15	4.51
203	00°21'15"	1788.43	185	330.25	0.18	4.68
204	00°01'50"	1788.43	185	19.25	0.01	4.69
205	00°07'50"	1788.43	185	87.50	0.05	4.74
206	00°24'30"	1788.43	185	274.00	0.15	4.89
207	00°25'55"	1788.43	185	290.00	0.15	5.04
208	00°21'15"	1788.43	185	330.25	0.18	5.22
209	00°01'50"	1788.43	185	19.25	0.01	5.23
210	00°07'50"	1788.43	185	87.50	0.05	5.28
211	00°24'30"	1788.43	185	274.00	0.15	5.43
212	00°25'55"	1788.43	185	290.00	0.15	5.58
213	00°21'15"	1788.43	185	330.25	0.18	5.75
214	00°01'50"	1788.43	185	19.25	0.01	5.76
215	00°07'50"	1788.43	185	87.50	0.05	5.81
216	00°24'30"	1788.43	185	274.00	0.15	5.96
217	00°25'55"	1788.43	185	290.00	0.15	6.11
218	00°21'15"	1788.43	185	330.25	0.18	6.29
219	00°01'50"	1788.43	185	19.25	0.01	6.30
220	00°07'50"	1788.43	185	87.50	0.05	6.35
221	00°24'30"	1788.43	185	274.00	0.15	6.50
222	00°25'55"	1788.43	185	290.00	0.15	6.65
223	00°21'15"	1788.43	185	330.25	0.18	6.82
224	00°01'50"	1788.43	185	19.25	0.01	6.83
225	00°07'50"	1788.43	185	87.50	0.05	6.88
226	00°24'30"	1788.43	185	274.00	0.15	7.03
227	00°25'55"	1788.43	185	290.00	0.15	7.18
228	00°21'15"	1788.43	185	330.25	0.18	7.36
229	00°01'50"	1788.43	185	19.25	0.01	7.37
230	00°07'50"	1788.43	185	87.50	0.05	7.42
231	00°24'30"	1788.43	185	274.00	0.15	7.57
232	00°25'55"	1788.43	185	290.00	0.15	7.72
233	00°21'15"	1788.43	185	330.25	0.18	7.89
234	00°01'50"	1788.43	185	19.25	0.01	7.90
235	00°07'50"	1788.43	185	87.50	0.05	7.95
236	00°24'30"	1788.43	185	274.00	0.15	8.10
237	00°25'55"	1788.43	185	290.00	0.15	8.25
238	00°21'15"	1788.43	185	330.25	0.18	8.43
239	00°01'50"	1788.43	185	19.25	0.01	8.44
240	00°07'50"	1788.43	185	87.50	0.05	8.49
241	00°24'30"	1788.43	185	274.00	0.15	8.64
242	00°25'55"	1788.43	185	290.00	0.15	8.79
243	00°21'15"	1788.43	185	330.25	0.18	8.96
244	00°01'50"	1788.43	185	19.25	0.01	8.97
245	00°07'50"	1788.43	185	87.50	0.05	9.02
246	00°24'30"	1788.43	185	274.00	0.15	9.17
247	00°25'55"	1788.43	185	290.00	0.15	9.32
248	00°21'15"	1788.43	185	330.25	0.18	9.50
249	00°01'50"	1788.43	185	19.25	0.01	9.51
250	00°07'50"	1788.43	185	87.50	0.05	9.56
251	00°24'30"	1788.43	185	274.00	0.15	9.71
252	00°25'55"	1788.43	185	290.00	0.15	9.86
253	00°21'15"	1788.43	185	330.25	0.18	10.03
254	00°01'50"	1788.43	185	19.25	0.01	10.04
255	00°07'50"	1788.43	185	87.50	0.05	10.09
256	00°24'30"	1788.43	185	274.00	0.15	10.24
257	00°25'55"	1788.43	185	290.00	0.15	10.39
258	00°21'15"	1788.43	185	330.25	0.18	10.57
259	00°01'50"	1788.43	185	19.25	0.01	10.58
260	00°07'50"	1788.43	185	87.50	0.05	10.63
261	00°24'30"	1788.43	185	274.00	0.15	10.78
262	00°25'55"	1788.43	185	290.00	0.15	10.93
263	00°21'15"	1788.43	185	330.25	0.18	11.11
264	00°01'50"	1788.43	185	19.25	0.01	11.12
265	00°07'50"	1788.43	185	87.50	0.05	11.17
266	00°24'30"	1788.43	185	274.00	0.15	11.32
267	00°25'55"	1788.43	185	290.00	0.15	11.47
268	00°21'15"	1788.43	185	330.25	0.18	11.65
269	00°01'50"	1788.43	185	19.25	0.01	11.66
270	00°07'50"	1788.43	185	87.50	0.05	11.71
271	00°24'30"	1788.43	185	274.00	0.15	11.86
272	00°25'55"	1788.43	185	290.00	0.15	12.01
273	00°21'15"	1788.43	185	330.25	0.18	12.19
274	00°01'50"	1788.43	185	19.25	0.01	12.20
275	00°07'50"	1788.43	185	87.50	0.05	12.25
276	00°24'30"	1788.43	185	274.00	0.15	12.40
277	00°25'55"	1788.43	185	290.00	0.15	12.55
278	00°21'15"	1788.43	185	330.25	0.18	12.73
279	00°01'50"	1788.43	185	19.25	0.01	12.74
280	00°07'50"	1788.43	185	87.50	0.05	12.79
281	00°24'30"	1788.43	185	274.00	0.15	12.94
282	00°25'55"	1788.43	185	290.00	0.15	13.09
283	00°21'15"	1788.43	185	330.25	0.18	13.27
284	00°01'50"	1788.43	185	19.25	0.01	13.28
285	00°07'50"	1788.43	185	87.50	0.05	13.33
286	00°24'30"	1788.43	185	274.00	0.15	13.48
287	00°25'55"	1788.43	185	290.00	0.15	13.63
288	00°21'15"	1788.43	185	330.25	0.18	13.81
289	00°01'50"	1788.43	185	19.25	0.01	13.82
290	00°07'50"	1788.43	185	87.50	0.05	13.87
291	00°24'30"	1788.43	185	274.00	0.15	14.02
292	00°25'55"	1788.43	185	290.00	0.15	14.17
293	00°21'15"	1788.43	185	330.25	0.18	14.35
294	00°01'50"	1788.43	185	19.25	0.01	14.36
295	00°07'50"	1788.43	185	87.50	0.05	14.41
296	00°24'30"	1788.43	185	274.00	0.15	14.56
297	00°25'55"	1788.43	185	290.00	0.15	14.71
298	00°21'15"	1788.43	185	330.25	0.18	14.89
299	00°01'50"	1788.43	185	19.25	0.01	14.90
300	00°07'50"	1788.43	185	87.50	0.05	14.95
301	00°24'30"	1788.43	185	274.00	0.15	15.10
302	00°25'55"	1788.43	185	290.00	0.15	15.25
303	00°21'15"	1788.43	185	330.25	0.18	15.43
304	00°01'50"	1788.43	185	19.25	0.01	15.44
305	00°07'50"	1788.43	185	87.50	0.05	15.49
306	00°24'30"	1788.43	185	274.00	0.15	15.64
307	00°25'55"	1788.43	185	290.00	0.15	15.79
308	00°21'15"	1788.43	185	330.25	0.18	15.97
309	00°01'50"	1788.43	185	19.25	0.01	15.98
310	00°07'50"	1788.43	185	87.50	0.05	16.03
311	00°24'30"	1788.43	185	274.00	0.15	16.18
312	00°25'55"	1788.43	185	290.00	0.15	16.33
313	00°21'15"	1788.43	185	330.25	0.18	16.51
314	00°01'50"	1788.43	185	19.25	0.01	16.52
315	00°07'50"	1788.43	185	87.50	0.05	16.57
316	00°24'30"	1788.43	185	274.00	0.15	16.72
317	00°25'55"	1788.43	185	290.00	0.15	16.87
318	00°21'15"	1788.43	185	330.25	0.18	17.05
319	00°01'50"	1788.43	185	19.25	0.01	17.06
320	00°07'50"	1788.43	185	87.50	0.05	17.11
321	00°24'30"	1788.43	185	274.00	0.15	17.26
322	00°25'55"	1788.43	185	290.00	0.15	17.41
323	00°21'15"	1788.43	185	330.25	0.18	17.59
324	00°01'50"	1788.43	185	19.25	0.01	17.60
325	00°07'50"	1788.43	185	87.50	0.05	17.65
326	00°24'30"	1788.43	185	274.00	0.15	17.80
327	00°25'55"	1788.43	185	290.00	0.15	17.95
328	00°21'15"	1788.43	185	330.25	0.18	18.13
329	00°01'50"	1788.43	185	19.25	0.01	18.14
330	00°07'50"	1788.43	185	87.50	0.05	18.19
331	00°24'30"	1788.43	185	274.00	0.15	18.34
332	00°25'55"	1788.43	185	290.00	0.15	18.49
333	00°21'15"	1788.43	185	330.25	0.18	18.67
334	00°01'50"	1788.43	185	19.25	0.01	18.68
335	00°07'50"	1788.43	185	87.50	0.05	18.73
336	00°24'30"	1788.43	185	274.00	0.15	18.88
337	00°25'55"	1788.43	185	290.00	0.15	19.03
338	00°21'15"	1788.43	185	330.25	0.18	19.21
339	00°01'50"	1788.43	185	19.25	0.01	19.22
340	00°07'50"	1788.43	185	87.50	0.05	19.27
341	00°24'30"	1788.43	185	274.00	0.15	19.42
342	00°25'55"	1788.43	185	290.00	0.15	19.57
343	00°21'15"	1788.43	185	330.25	0.18	19.75
344	00°01'50"	1788.43	185	19.25	0.01	19.76
345	00°07'50"	1788.43	185	87.50	0.05	19.81
346	00°24'30"	1788.43	185	274.00	0.15	19.96
347	00°25'55"	1788.43	185	290.00	0.15	20.11
348	00°21'15"	1788.43	185	330.25	0.18	20.29
349	00°01'50"	1788.43	185	19.25	0.01	20.30
350	00°07'50"	1788.43	185	87.50	0.05	20.35
351	00°24'30"	1788.43	185	274.00	0.15	20.50
352	00°25'55"	1788.43	185	290.00	0.15	20.65
353	00°21'15"	1788.43	185	330.25	0.18	20.83
354	00°01'50"	1788.43	185	19.25	0.01	20.84
355	00°07'50"	1788.43	185	87.50	0.05	20.89
356	00°24'30"	1788.43	185	274.00	0.15	21.04
357	00°25'55"	1788.43	185	290.00	0.15	21.19
358	00°21'15"	1788.43	185	330.25	0.18	21.37
359	00°01'50"	1788.43	185	19.25	0.01	21.38
360	00°07'50"	1788.43	185	87.50	0.05	21.43
361	00°24'30"	1788.43	185	274.00	0.15	21.58
362	00°25'55"	1788.43	185	290.00	0.15	21.73
363	00°21'15"	1788.43	185	330.25	0.18	21.91
364	00°01'50"	1788.43	185	19.25	0.01	21.92
365	00°07'50"	1788.43	185	87.50	0.05	21.97
366	00°24'30"	1788.43	185	274.00	0.15	22.12
367	00°25'55"	1788.43	185	290.00	0.15	22.27
368	00°21'15"	1788.43	185	330.25	0.18	22.45
369	00°01'50"	1788.43	185	19.25	0.01	22.46
370	00°07'50"	1788.43	185	87.50	0.05	22.51
371	00°24'30"	1788.43	185	274.00	0.15	22.66
372	00°25'55"	1788.43	185	290.00	0.15	22.81
373	00°21'15"	1788.43	185	330.25	0.18	22.99
374	00°01'50"	1788.43	185	19.25	0.01	23.00
375	00°07'50"	1788.43	185	87.50	0.05	23.05
376	00°24'30"	1788.43	185	274.00	0.15	23.20
377	00°25'55"	1788.43	185	290.00	0.15	23.35
378	00°21'15"	1788.43	185	330.25	0.18	23.53
379	00°01'50"	1788.43	185	19.25	0.01	23.54
380	00°07'50"	1788.43	185	87.50	0.05	23.59
381	00°24'30"	1788.43	185	274.00	0.15	23.74
382	00°25'55"	1788.43	185	290.00	0.15	23.89
383	00°21'15"	1788.43	185	330.25	0.18	24.07
384	00°01'50"	1788.43	185	19.25	0.01	24.08
385	00°07'50"	1788.43	185	87.50	0.05	24.13
386	00°24'30"	1788.43	185	274.00	0.15	24.28
387	00°25'55"	1788.43	185	290.00	0.15	24.43
388	00°21'15"	1788.43	185	330.25	0.18	24.61
389	00°01'50"	1788.43	185	19.25	0.01	24.62
390	00°07'50"	1788.43	185	87.50	0.05	24.67
391	00°24'30"	1788.43	185	274.00	0.15	24.82
392	00°25'55"	1788.43	185	290.00	0.15	24.97
393	00°21'15"	1788.43	185	330.25	0.18	25.15
394	00°01'50"	1788.43	185	19.25	0.01	25.16
395	00°07'50"	1788.43	185	87.50	0.05	25.21
396	00°24'30"	1788.43	185	274.00	0.15	25.36
397	00°25'55"	1788.43	185	290.00	0.15	25.51
398	00°21'15"	1788.43	185	330.25	0.18	25.69
399	00°01'50"	1788.43	185	19.25	0.01	25.70
400	00°07'50"	1788.43	185	87.50	0.05	25.75
401	00°24'30"	1788.43	185	274.00	0.15	25.90
402	00°25'55"	1788.43	185	290.00	0.15	26.05
403	00°21'15"	1788.43	185	330.25	0.18	26.23
404	00°01'50"	1788.43	185	19.25	0.01	26.24
405	00°07'50"	1788.43	185	87.50	0.05	26.29
406	00°24'30"	1788.43	185	274.00	0.15	26.44
407	00°25'55"	1788.43	185	290.00	0.15	26.59
408	00°21'15"	1788.43	185	330.25	0.18	26.77
409	00°01'50"	1788.43	185	19.25	0.01	26.78
410	00°07'50"	1788.43	185	87.50	0.05	26.83
411	00°24'30"	1788.43	185	274.00	0.15	26.98
412	00°25'55"	1788.43	185	290.00	0.15	27.13
413	00°21'15"	1788.43	185	330.25	0.18	27.31
414	00°01'50"	1788.43	185	19.25	0.01	27.32
415	00°07'50"	1788.43	185	87.50	0.05	27.37
416	00°24'30"	1788.43	185	274.00	0.15	27.52
417	00°25'55"	1788.43	185	290.00	0.15	27.67
418	00°21'15"	1788.43	185	330.25	0.18	27.85
419	00°01'50"	1788.43	185	19.25	0.01	27.86
420	00°07'50"	1788.43	185	87.50	0.05	27.91
421	00°24'30"	1788.43	185	274.00	0.15	28.06
422	00°25'55"	1788.43	185	290.00	0.15	28.21
423	00°21'15"	1788.43	185	330.25	0.18	28.39
424	00°01'50"	1788.43	185	19.25	0.01	28.40
425	00°07'50"	1788.43	185	87.50	0.05	28.45
426	00°24'30"	1788.43	185	274.00	0.15	28.60
427	00°25'55"	1788.43	185	290.00	0.15	28.75
428	00°21'15"	1788.43	185	330.25	0.18	28.93
429	00°01'50"	1788.43	185	19.25	0.01	28.94
430	00°07'50"	1788.43	185	87.50	0.05	28.99
431	00°24'30"	1788.43	185	274.00	0.15	29.14
432	00°25'55"	1788.43	185	290.00	0.15	29.29
433	00°21'15"	1788.43	185	330.25	0.18	29.47
434	00°01'50"	1788.43	185	19.25	0.01	29.48
435	00°07'50"	1788.43	185	87.50	0.05	29.53
436	00°24'30"	1788.43	185	274.00	0.15	29.68
437	00°25'55"	1788.43	185	290.00	0.15	29.83
438	00°21'15"	1788.43	185	330.25	0.18	30.01
439	00°01'50"	1788.43	185	19.25	0.01	30.02
440	00°07'50"	1788.43	185	87.50	0.05	30.07
441	00°24'30"	1788.43	185	274.00	0.15	30.22
442	00°25'55"	1788.43	185	290.00	0.15	30.37
443	00°21'15"	1788.43	185	330.25	0.18	30.55
444	00°01'50"	1788.43	185	19.25	0.01	30.56
445	00°07'50"	1788.43	185	87.50	0.05	30.61
446	00°24'30"	1788.43	185	274.00	0.15	30.76
447	00°25'55"	1788.43	185	290.00	0.15	30.91
448	00°21'15"	1788.43	185	330.25	0.18	31.09
449	00°01'50"	1788.43	185	19.25	0.01	31.10
450	00°07'50"	1788.43	185	87.50	0.05	31.15
451	00°24'30"	1788.43	185	274.00	0.15	31.30
452	00°25'55"	1788.43	185	290.00	0.15	31.45
453	00°21'15"	1788.43	185	330.25	0.18	31.63
454	00°01'50"	1788.43	185	19.25	0.01	31.64
455	00°07'50"	1788.43	185	87.50	0.05	31.69
456	00°24'30"	1788.43	185	274.00	0.15	31.84
457	00°25'55"	1788.43	185	290.00	0.15	31.99
458	00°21'15"	1788.43	185	330.25	0.18	32.17
459	00°01'50"	1788.43	185	19.25	0.01	32.18
460	00°07'50"	1788.43	185	87.50	0.05	32.23
461	00°24'30"	1788.43	185	274.00	0.15	32.38
462	00°25'55"	1788.43	185	290.00	0.15	32.53
463	00°21'15"	1788.43	185	330.25	0.18	32.71
464	00°01'50"	1788.43	185	19.25	0.01	32.72
465	00°07'50"	1788.43	185	87.50	0.05	32.77
466	00°24'30"	1788.43	185	274.00	0.15	32.92
467	00°25'55"	1788.43	185	290.00	0.15	33.07
468	00°21'15"	1788.43	185	330.25	0.18	33.25
469	00°01'50"	1788.43	185	19.25	0.01	33.26
470	00°07'50"	1788.43	185	87.50	0.05	33.31
471	00°24'30"	1788.43	185	274.00	0.15	33.46
472	00°25'55"	1788.43	185	290.00	0.15	33.61
473	00°21'15"	1788.43	185	330.25	0.18	33.79
474	00°01'50"	1788.43	185	19.25	0.01	33.80
475	00°07'50"	1788.43	185	87.50	0.05	33.85
476	00°24'30"	1788.43	185	274.00	0.15	34.00
477	00°25'55"	1788.43	185	290.00	0.15	34.15
478	00°21'15"	1788.43	185	330.25	0.18	34.33
479	00°01'50"	1788.43	185	19.25	0.01	34.34
480	00°07'50"	1788.43	185	87.50	0.05	34.39
481	00°24'30"	1788.43	185	274.00	0.15	34.54
482	00°25'55"	1788.43	185	290.00	0.15	34.69
483	00°21'15"	1788.43	185	330.25	0.18	34.87
484	00°01'50"	1788.43	185	19.25	0.01	34.88
485	00°07'50"	1788.43	185	87.50	0.05	34.93
486	00°24'30"	1788.43	185	274.00	0.15	35.08
487	00°25'55"	1788.43	185	290.00	0.15	35.23
488	00°21'15"	1788.43	185	330.25	0.18	35.41
489	00°01'50"	1788.43	185	19.25	0.01	35.42
490	00°07'50"	1788.43	185	87.50	0.05	35.47
491	00°24'30"	1788.43	185	274.00	0.15	35.62
492	00°25'55"	1788.43	185	290.00	0.15	35.77
493	00°21'15"	1788.43	185	330.25	0.18	35.95
494	00°01'50"	1788.43	185	19.25	0.01	35.96
495	00°07'50"	1788.43	185	87.50	0.05	36.01
496	00°24'30"	1788.43	185	274.00	0.15	36.16
497	00°25'55"	1788.43	185	290.00	0.15	36.31
498	00°21'15"	1788.43	185	330.25	0.18	36.49
499	00°01'50"	1788.43	185	19.25	0.01	36.50
500	00°07'50"	1788.43	185	87.50	0.05	36.55
501	00°24'30"	1788.43	185	274.00	0.15	36.70
502	00°25'55"	1788.43	185	290.00	0.15	36.85
503	00°21'15"	1788.43	185	330.25	0.18	37.03
504	00°01'50"	1788.43	185	19.25	0.01	37.04
505	00°07'50"	1788.43	185	87.50	0.05	37.09
506	00°24'30"	1788.43	185	274.00	0.15	37.24
507	00°25'55"	1788.43	185	290.00	0.15	37.39
508	00°21'15"	1788.43	185	330.25	0.18	37.57
509	00°01'50"	1788.43	185	19.25	0.01	37.58
510	00°07'50"	1788.43	185	87.50	0.05	37.63
511	00°24'30"	1788.43	185	274.00	0.15	37.78
512	00°25'55"	1788.43	185	290.00	0.15	37.93
513	00°21'15"	1788.43	185	330.25	0.18	38.11
514	00°01'50"	1788.43	185	19.25	0.01	38.12
515	00°07'50"	1788.43	185	87.50	0.05	38.17
516	00°24'30"	1788.43	185	274.00	0.15	38.32
517	00°25'55"	1788.43	185	290.00	0.15	38.47
518	00°21'15"	1788.43	185	330.25	0.18	38.65
519	00°01'50"	1788.43	185	19.25	0.01	38.66
520	00°07'50"	1788.43	185	87.50	0.05	38.71
521	00°24'30"	1788.43	185	274.00	0.15	38.86
522	00°25'55"	1788.43	185	290.00	0.15	39.01
523	00°21'15"	1788.43	185	330.25	0.18	39.19
524	00°01'50"	1788.43	185	19.25	0.01	39.20
525	00°07'50"	1788.43	185	87.50	0.05	39.25
526	00°24'30"	1788.43	185	274.00	0.15	39.40
527	00°25'55"	1788.43	185



Curve Data

No.	Δ	RADIUS (FEET)	L (FT)	L_s (FT)	L_c (FT)	L_s/L	L_c/L
179	09°00.00"	18317.43	150	150.04	1.79	0.88	0.59
180	09°00.00"	18317.43	150	150.04	1.79	0.88	0.59
181	09°00.00"	18736.96	150	146.69	1.00	0.91	0.45
182	09°00.00"	18736.14	150	146.69	1.00	0.91	0.45
183	09°02.40"	12500.00	180	426.47	1.00	0.04	2.37
184	09°02.40"	12500.00	180	426.47	1.00	0.04	2.37
185	09°02.40"	12500.00	180	426.47	1.00	0.04	2.37
186	09°02.40"	12500.00	180	491.06	1.00	0.04	2.73
187	09°00.00"	5630.91	70	174.24	2.50	1.43	2.49
188	01°10.26"	4880.91	70	117.13	2.50	1.43	1.67
189	00°41.31"	4807.91	60	58.8	1.00	1.70	0.98



REV	DATE	BY	CHK'D	MOD	DESCRIPTION

DESIGNED BY: J. SCHELLA
DRAWN BY: J. MENZ
CHECKED BY: M. SCHAUL
PE: M. STOLAK
PE: J. TRUJAN
DATE: 09/09/22

CONTRACT 47 BASIC
DON FILE 47 WRIGHT

brightline WEST

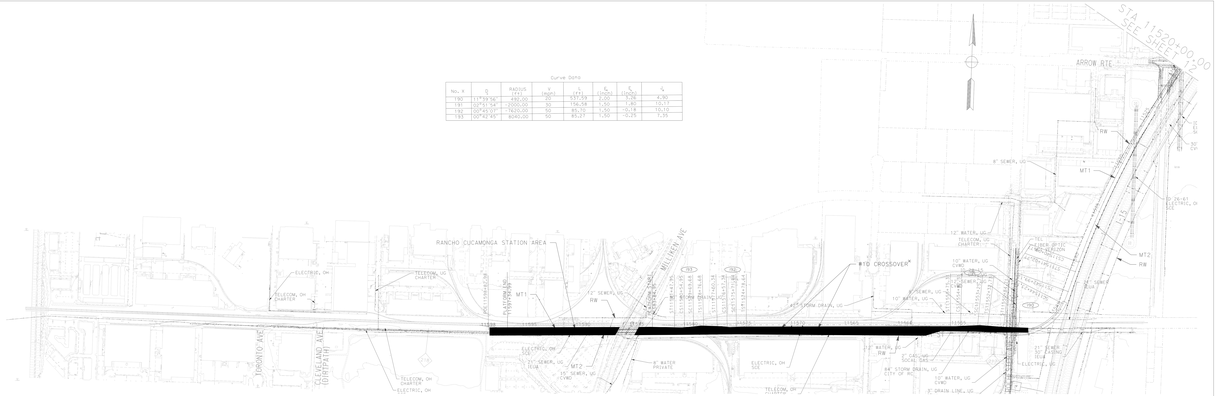
HNTB
Corporation
Corporation Center One, One Tech Drive, Suite 400
Andover, MA 01810

BRIGHTLINE WEST

SITE TRACK
PLAN & PROFILE
STA 8290+00 TO STA 8520+00

USE FILENAME: 47-TRACK-PP-SITE.DGN
SCALE: 1" = 20'
CONTRACT NO.
DRAWING NO.: 47
SHEET NO.: 8
TOTAL NO.: 47

Curve Data							
No.	Δ	RADIUS (FEET)	LENGTH (FEET)	D_{100} (DEG)	L_s (FEET)	L_c (FEET)	T_s (FEET)
C80	17°33'10.9"	8000.00	50	124.19	1.50	0.00	4.90
C81	09°51'14"	7000.00	50	134.58	1.50	1.85	12.13
C82	09°45'07"	7000.00	50	85.73	1.50	0.48	10.73
C83	09°42'45"	8040.00	50	85.27	1.50	10.25	11.55


STA 1152+00.00
SEE SHEET 17
ARROW RTE
RW
MT1
8" SEWER, UG
12" WATER, UG
TELECOM, OH
CHARTER
CWD
12" SEWER, UG
RANCHO CUCAMONGA STATION AREA
ELECTRIC, OH
TELECOM, OH
CHARTER
TORONTO AVE
CLEVELAND AVE
CUCAMONGA AVE
PLATFORM
MILLIKEN AVE
ROCHESTER AVE
MILLIKEN AVE
ELECTRIC, UG
TELECOM, UG
CHARTER, UG
CWD, UG
SEWER, UG
STORM DRAIN, UG
WATER, UG
"TO CROSSOVER"
MT2
8" WATER
PRIVATE
ELECTRIC, OH
SCE
TELECOM, OH
TELECOM
8" WATER
RW
3" CATV, UG
SCE
8" STORM DRAIN, UG
CITY OF RCC
12" WATER, UG
CWD
3" DRAIN LINE, UG
ELECTRIC, UG
ELECTRIC, OH
TELECOM, OH
ELECTRIC, OH
TELECOM, OH
CHARTER
ELECTRIC, OH
TELECOM, OH
CHARTER
ELECTRIC, OH
TELECOM, OH
CHARTER