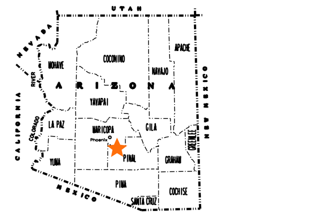
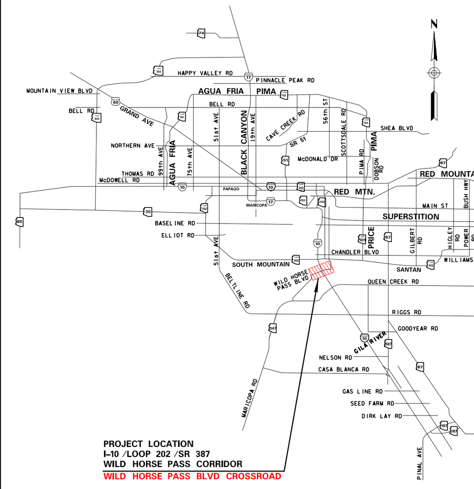


STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

WILD HORSE PASS BLVD PLAN, TYPICAL & PROFILES



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

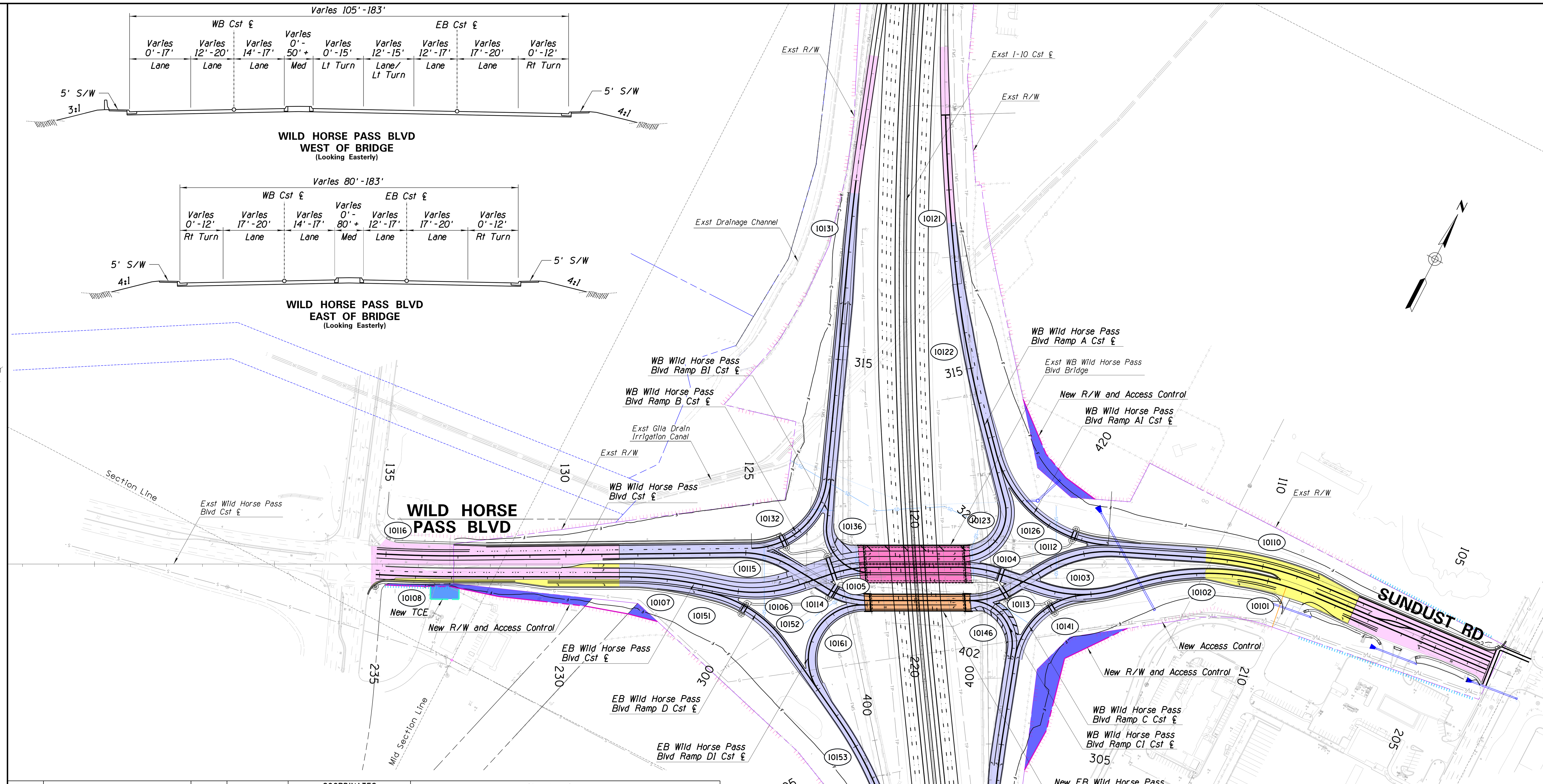
LEGEND

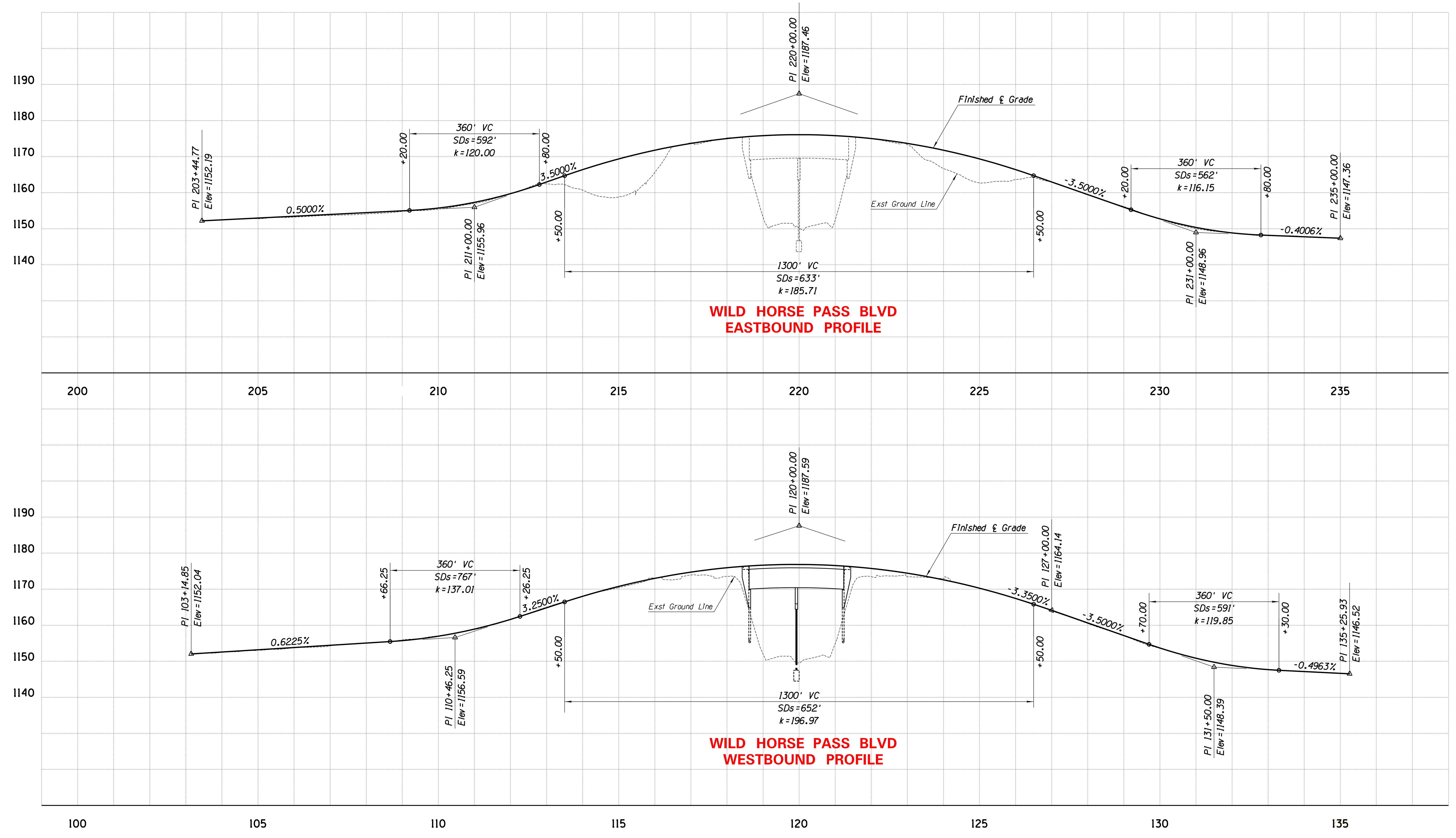
- New Pavement (Asphalt)
- Temporary Construction Easements
- New Pavement (Concrete)
- New R/W
- New Bridge
- Allottment Parcels
- Rehabilitated Bridge
- Mill & Overlay
- Median Cable Barrier
- New R/W
- Fill Line
- Exst R/W (Line) Exst Access Control (Hash Marks)
- Cut Line
- New FMS
- Land Boundary
- Full Access Control
- Restricted Access Control

100 0 100 200
SCALE IN FEET

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul, 12, 2022



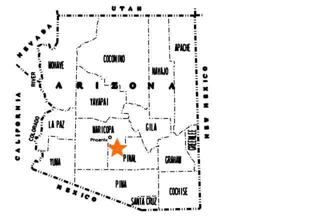


PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES		Circular Curve						
				Northing	Easting	Δ	D	R	L	T	Ext	Super
10100	EB Wildhorse Pass Blvd Cst ℄	PC	208+58.10	829802.94	685832.45							
10101	EB Wildhorse Pass Blvd Cst ℄	PI	209+28.13	829797.72	685762.61	8°09'02" Lt	5°49'44"	982.98'	139.83'	70.03'	2.49'	e=2.0%
	EB Wildhorse Pass Blvd Cst ℄	PCC	209+97.93	829782.64	685694.22							
10102	EB Wildhorse Pass Blvd Cst ℄	PI	211+86.87	829741.97	685509.71	31°16'30" Lt	8°29'18"	675.00'	368.45'	188.94'	25.94'	e=2.0%
	EB Wildhorse Pass Blvd Cst ℄	PT	213+66.38	829611.42	685373.13							
	EB Wildhorse Pass Blvd Cst ℄	PC	214+25.67	829570.45	685330.26							
10103	EB Wildhorse Pass Blvd Cst ℄	PI	215+35.55	829494.52	685250.83	35°02'50" Rt	16°27'51"	348.00'	212.87'	109.88'	16.94'	e=2.0%
	EB Wildhorse Pass Blvd Cst ℄	PT	216+38.54	829477.98	685142.20							
	EB Wildhorse Pass Blvd Cst ℄	PC	217+63.44	829459.17	685018.73							
10104	EB Wildhorse Pass Blvd Cst ℄	PI	218+20.29	829450.61	684962.52	18°33'23" Lt	16°27'51"	348.00'	112.71'	56.85'	4.61'	e=2.0%
	EB Wildhorse Pass Blvd Cst ℄	PT	218+76.15	829424.61	684911.97							
	EB Wildhorse Pass Blvd Cst ℄	PC	221+20.19	829313.00	684694.94							
10105	EB Wildhorse Pass Blvd Cst ℄	PI	221+77.72	829286.69	684643.78	18°46'26" Lt	16°27'51"	348.00'	114.03'	57.53'	4.72'	e=2.0%
	EB Wildhorse Pass Blvd Cst ℄	PT	222+34.22	829245.31	684603.81							
	EB Wildhorse Pass Blvd Cst ℄	PC	223+30.28	829176.22	684537.06							
10106	EB Wildhorse Pass Blvd Cst ℄	PI	224+30.56	829104.11	684467.40	29°42'50" Rt	15°09'27"	378.00'	196.03'	100.27'	13.07'	e=2.0%
	EB Wildhorse Pass Blvd Cst ℄	PT	225+26.31	684371.14	684371.14							
	EB Wildhorse Pass Blvd Cst ℄	PC	226+13.04	829051.70	684287.89							
10107	EB Wildhorse Pass Blvd Cst ℄	PI	227+17.79	829022.34	684187.33	10°52'47" Lt	5°12'31"	1100.00'	208.87'	104.75'	4.98'	e=2.0%
	EB Wildhorse Pass Blvd Cst ℄	PT	228+21.92	828974.53	684094.13							
	EB Wildhorse Pass Blvd Cst ℄	PC	232+96.48	828757.94	683671.87							
10108	EB Wildhorse Pass Blvd Cst ℄	PI	234+03.54	828709.07	683576.62	3°07'55" Rt	1°27'47"	3916.00'	214.06'	107.06'	1.46'	e=2.0%
10109	EB Wildhorse Pass Blvd Cst ℄	PT	235+10.55	828665.49	683478.83							
10110	WB Wildhorse Pass Blvd Cst ℄	PC	108+28.85	829838.84	685829.76							
10111	WB Wildhorse Pass Blvd Cst ℄	PI	110+01.15	829825.98	685657.94	19°11'41" Lt	5°37'22"	1018.98'	341.37'	172.30'	14.46'	e=2.0%
	WB Wildhorse Pass Blvd Cst ℄	PT	111+70.22	829757.34	685499.91							
	WB Wildhorse Pass Blvd Cst ℄	PC	114+10.69	829661.55	685279.34							
10112	WB Wildhorse Pass Blvd Cst ℄	PI	115+21.03	829617.59	685178.13	35°11'00" Lt	16°27'51"	348.00'	213.70'	110.34'	17.07'	e=2.0%
	WB Wildhorse Pass Blvd Cst ℄	PT	116+24.39	829523.36	685120.74							
	WB Wildhorse Pass Blvd Cst ℄	PC	117+27.35	829435.42	685067.19							
10113	WB Wildhorse Pass Blvd Cst ℄	PI	117+87.35	829384.17	685035.98	31°27'55" Rt	26°53'58"	213.00'	116.97'	60.00'	8.29'	e=2.0%
	WB Wildhorse Pass Blvd Cst ℄	PT	118+44.32	829356.75	684982.61							
	WB Wildhorse Pass Blvd Cst ℄	PC	121+27.24	829227.45	684730.96							
10114	WB Wildhorse Pass Blvd Cst ℄	PI	121+86.72	829200.27	684678.06	31°12'16" Rt	26°53'58"	213.00'	116.00'	59.48'	8.15'	e=2.0%
	WB Wildhorse Pass Blvd Cst ℄	PT	122+43.25	829204.43	684618.73							
	WB Wildhorse Pass Blvd Cst ℄	PC	123+66.45	829213.05	684495.82							
10115	WB Wildhorse Pass Blvd Cst ℄	PI	124+42.05	829218.34	684420.40	31°50'50" Lt	21°37'16"	265.00'	147.30'	75.61'	10.57'	e=2.0%
	WB Wildhorse Pass Blvd Cst ℄	PT	125+13.75	829183.03	684353.55							
	WB Wildhorse Pass Blvd Cst ℄	PC	132+68.47	828830.61	683686.16							
10116	WB Wildhorse Pass Blvd Cst ℄	PI	133+97.25	828770.48	683572.29	3°49'24" Rt	1°29'06"	3858.13'	257.46'	128.78'	2.15'	e=2.0%
10117	WB Wildhorse Pass Blvd Cst ℄	PT	135+25.93	828718.07	683454.66							

PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES		Circular Curve						
				Northing	Easting	Δ	D	R	L	T	Ext	Super
10120	Wildhorse Pass Blvd Ramp A Cst ℄	PC	307+91.51	830524.84	684303.31							
10121	Wildhorse Pass Blvd Ramp A Cst ℄	PI	310+00.06	830342.09	684403.80	4°10'09" Lt	1°00'00"	5729.58'	416.93'	208.56'	3.79'	e=2.0%
	Wildhorse Pass Blvd Ramp A Cst ℄	PCC	312+08.43	830167.14	684517.31							
10122	Wildhorse Pass Blvd Ramp A Cst ℄	PI	314+33.48	829978.35	684639.80	9°01'15" Lt	2°00'30"	2852.79'	449.15'	225.04'	8.86'	e=3.5%
	Wildhorse Pass Blvd Ramp A Cst ℄	PT	316+57.59	829811.10	684790.37							
	Wildhorse Pass Blvd Ramp A Cst ℄	PC	318+81.17	829644.94	684939.97							
10123	Wildhorse Pass Blvd Ramp A Cst ℄	PI	320+39.54	829527.24	829527.24	104°46'51" Rt	46°57'50"	122.00'	223.11'	158.37'	77.91'	e=5.6%
10124	Wildhorse Pass Blvd Ramp A Cst ℄	PT	321+04.28	829454.81	684905.10							
10125	Wildhorse Pass Blvd Ramp A1 Cst ℄	PC	417+45.50	829753.79	684858.11							
10126	Wildhorse Pass Blvd Ramp A1 Cst ℄	PI	419+93.77	829569.28	685024.23	71°28'45" Lt	16°36'27"	345.00'	430.40'	248.27'	80.04'	e=4.0%
10127	Wildhorse Pass Blvd Ramp A1 Cst ℄	PT	421+75.90	829668.19	685251.95							
10130	Wildhorse Pass Blvd Ramp B Cst ℄	PC	310+00.00	830249.57	684165.45							
10131	Wildhorse Pass Blvd Ramp B Cst ℄	PI	310+67.40	830186.25	684188.53	1°41'05" Lt	1°15'00"	4583.66'	134.78'	67.40'	0.5'	e=2.4%
	Wildhorse Pass Blvd Ramp B Cst ℄	PT	311+34.78	830123.63	684213.46							
10132	Wildhorse Pass Blvd Ramp B Cst ℄	PI	320+25.05	829296.50	684542.73	83°52'12" Rt	27°01'35"	212.00'	310.33'	190.45'	72.98'	e=4.6%
	Wildhorse Pass Blvd Ramp B Cst ℄	PC	318+34.60	829473.45	684472.29							
10133	Wildhorse Pass Blvd Ramp B Cst ℄	PT	321+44.92	829207.57	684374.32							
10135	Wildhorse Pass Blvd Ramp B1 Cst ℄	PC	401+25.22	829361.54	684529.75							
10136	Wildhorse Pass Blvd Ramp B1 Cst ℄	PI	402+59.56	829236.73	684579.44	95°30'31" Lt	46°57'50"	122.00'	203.37'	134.33'	59.46'	e=5.6%
10137	Wildhorse Pass Blvd Ramp B1 Cst ℄	PT	403+28.59	829298.17	684698.90							

NOTE:
THESE 15% PLANS CAPTURE THE DESIGN INTENT OF THE PROJECT BUT ARE SUBJECT TO CHANGE DURING FINAL DESIGN.

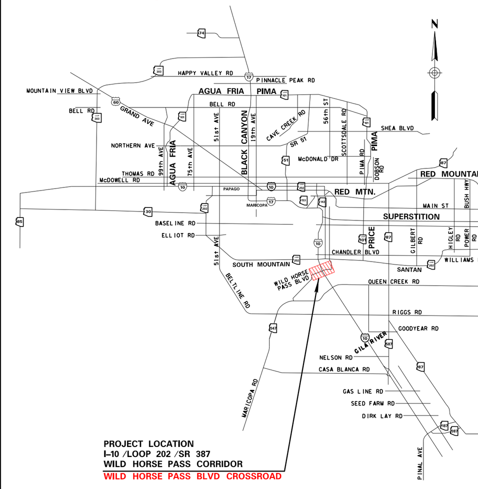
PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES		Circular Curve						
				Northing	Easting	Δ	D	R	L	T	Ext	Super
10140	Wildhorse Pass Blvd Ramp C Cst ℄	PC	299+79.59	829512.67	685252.52							
10141	Wildhorse Pass Blvd Ramp C Cst ℄	PI	301+43.84	829425.13	685113.53	76°03'44" Lt	27°17'01"	210.00'	278.78'	164.25'	56.61'	e=4.6%
	Wildhorse Pass Blvd Ramp C Cst ℄	PT	302+58.37	829269.16	685165.01							
	Wildhorse Pass Blvd Ramp C Cst ℄	PC	304+75.72	829062.75	685233.13							
10142	Wildhorse Pass Blvd Ramp C Cst ℄	PI	307+23.73	828827.25	685310.86	9°53'43" Lt	2°00'00"	2864.79'	494.77'	248.00'	10.71'	e=3.5%
	Wildhorse Pass Blvd Ramp C Cst ℄	PCC	309+70.49	828608.60	685427.90							
10143	Wildhorse Pass Blvd Ramp C Cst ℄	PI	310+35.25	828551.51	685458.46	0°38'51" Lt	0°30'00"	11459.16'	129.51'	64.75'	0.18'	e=2.0%
10144	Wildhorse Pass Blvd Ramp C Cst ℄	PT	311+00.00	828494.77	685489.66							
10145	Wildhorse Pass Blvd Ramp C1 Cst ℄	PC	400+00.00	829355.03	684979.27							
10146	Wildhorse Pass Blvd Ramp C1 Cst ℄	PI	401+39.16	829418.63	685103.04	95°55'45" Rt	48°08'52"	119.00'	205.47'	139.16'	64.10'	e=5.6%
10147	Wildhorse Pass Blvd Ramp C1 Cst ℄	PT	402+05.47	829286.48	685146.65							
10150	Wildhorse Pass Blvd Ramp D Cst ℄	PC	298+59.80	829035.86	684294.29							
10151	Wildhorse Pass Blvd Ramp D Cst ℄	PI	298+79.97	829041.48	684313.66	2°08'01" Rt	5°17'26"	1083.00'	40.33'	20.17'	0.19'	e=4.0%
	Wildhorse Pass Blvd Ramp D Cst ℄	PCC	299+00.13	829046.37	684333.22							
10152	Wildhorse Pass Blvd Ramp D Cst ℄	PI	300+32.76	829078.58	684461.88	42°03'21" Rt	16°36'27"	345.00'	253.23'	132.63'	24.61'	e=6.0%
	Wildhorse Pass Blvd Ramp D Cst ℄	PT	301+53.36	829016.30	684578.98							
	Wildhorse Pass Blvd Ramp D Cst ℄	PC	304+08.99	828896.28	684804.67							
10153	Wildhorse Pass Blvd Ramp D Cst ℄	PI	306+37.65	828788.92	685006.56	24°03'10" Rt	5°20'17"	1073.33'	450.59'	228.66'	24.09'	e=5.8%
	Wildhorse Pass Blvd Ramp D Cst ℄	PCC	308+59.57	828608.59	685147.16							
10154	Wildhorse Pass Blvd Ramp D Cst ℄	PI	309+29.79	828553.22	685190.33	0°42'08" Rt	0°30'00"	11459.16'	140.43'	70.22'	0.22'	e=2.0%
10155	Wildhorse Pass Blvd Ramp D Cst ℄	PT	310+00.00	828497.32	685232.82							
10160	Wildhorse Pass Blvd Ramp D1 Cst ℄	PC	400+13.72	829208.25	684719.84							
10161	Wildhorse Pass Blvd Ramp D1 Cst ℄	PI	403+00.65	829077.12	684464.62	124°48'08" Lt	38°11'50"	150.00'	326.73'	286.94'	173.78'	e=5.2%
10162	Wildhorse Pass Blvd Ramp D1 Cst ℄	PT	403+40.45	828942.39	684717.96							



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

WILD HORSE PASS BLVD PLAN, TYPICAL & PROFILES



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

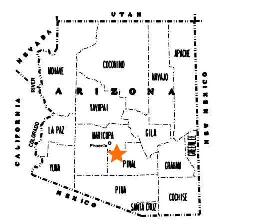
(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

LEGEND

100 0 100 200
SCALE IN FEET

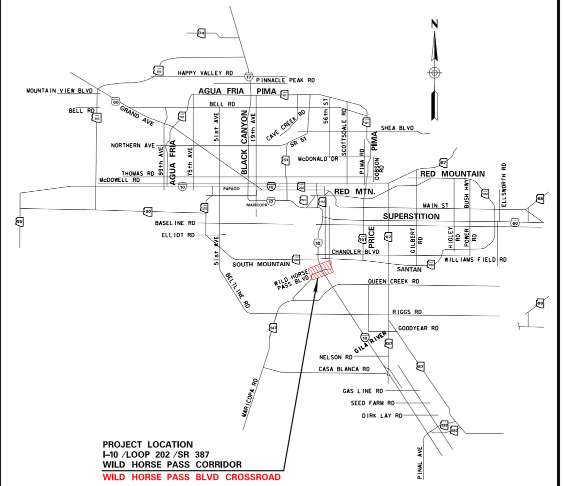
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

WILD HORSE PASS BLVD
RAMP PROFILES



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speeds
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

LEGEND

- New Pavement (Asphalt)
- New Pavement (Concrete)
- New Bridge
- Rehabilitated Bridge
- Median Cable Barrier
- Fill Line
- Cut Line
- New FMS
- Full Access Control
- Temporary Construction Easements
- New RW
- Allotment Parcels
- Mill & Overlay
- New RW
- Exst RW (Line) Exst Access Control (Hash Marks)
- Land Boundary
- Restricted Access Control

100 0 100 200
SCALE IN FEET

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

WILD HORSE PASS BLVD
RAMP PROFILES

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul. 12, 2022

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

QUEEN CREEK ROAD
PLAN, TYPICAL & PROFILES

MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=?19,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speeds
(North of WP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of WP 165.20)
Mainline = 75 MPH (Posted)
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Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

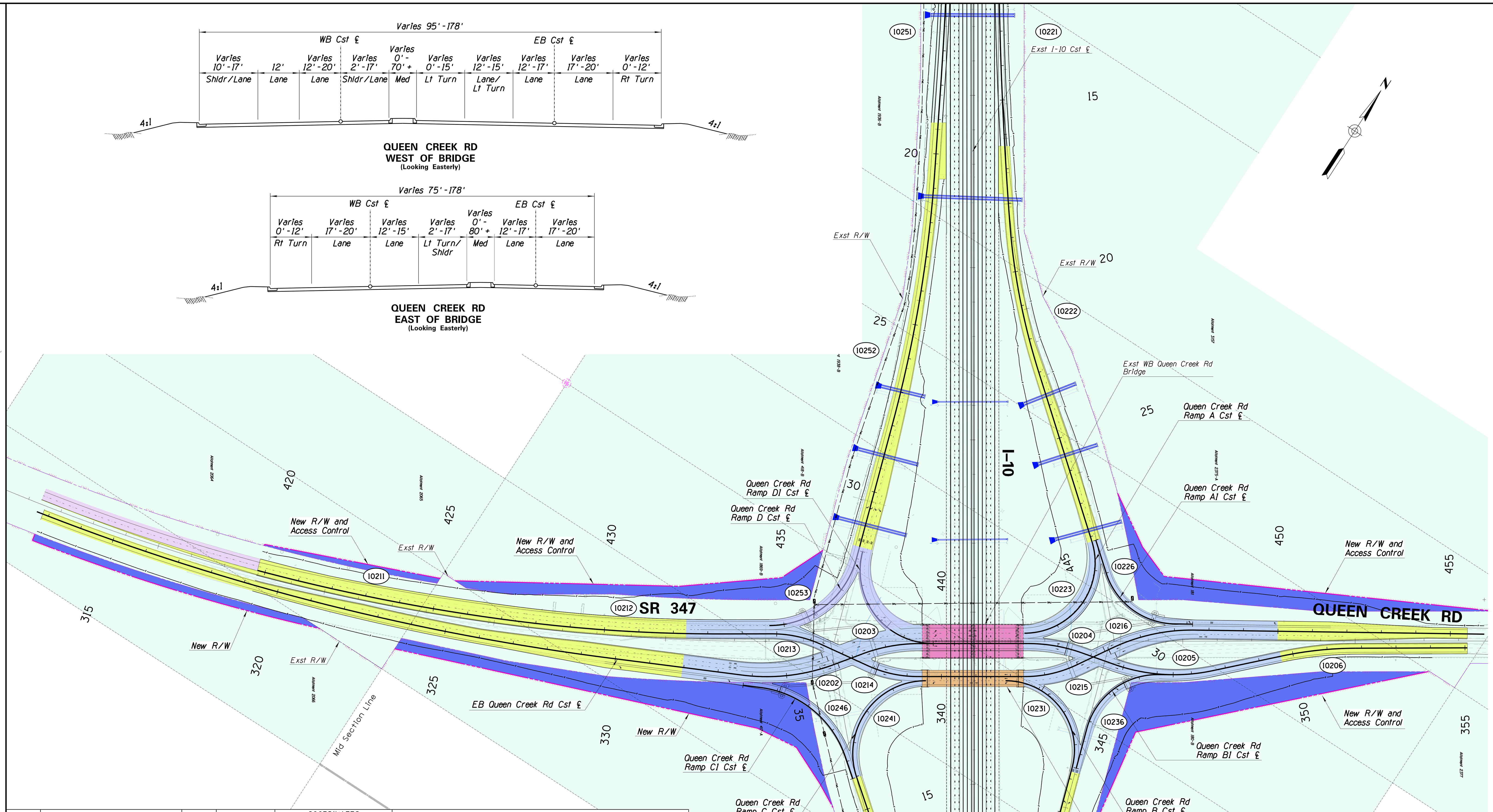
LEGEND

- New Pavement (Asphalt)
- Temporary Construction Easements
- New Pavement (Concrete)
- New R/W
- New Bridge
- Allottment Parcels
- Rehabilitated Bridge
- Mill & Overlay
- Median Cable Barrier
- New R/W
- Fill Line
- Exst R/W (Line) Exst Access Control (Hash Marks)
- Cut Line
- New FMS
- Land Boundary
- Full Access Control
- Restricted Access Control

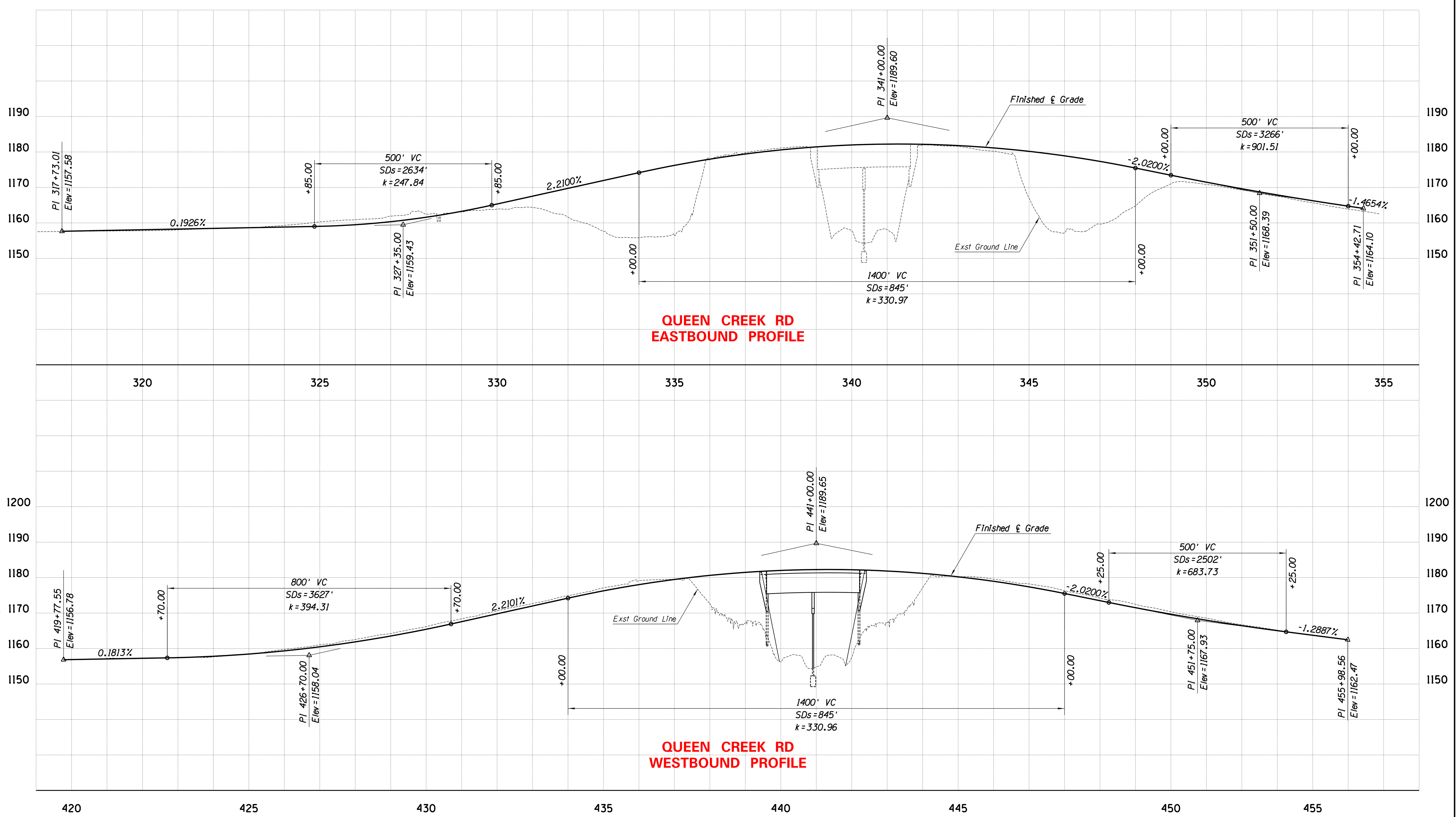
SCALE IN FEET 0 100 200

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul. 12, 2022



PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	Easting	Circular Curve Δ	D	R	L	T	Ext	Super
10200	EB Queen Creek Rd Cst ℄	PC	312+64.09	819487.54	687994.77							
10201	EB Queen Creek Rd Cst ℄	PI	321+12.40	819658.80	688825.61	124°48'08" Lt	38°11'50"	150.00'	326.73'	286.94'	173.78'	e=2.0%
	EB Queen Creek Rd Cst ℄	PT	329+52.27	820025.90	689590.38							
	EB Queen Creek Rd Cst ℄	PC	333+53.18	820199.40	689951.80							
10202	EB Queen Creek Rd Cst ℄	PI	334+90.35	820258.75	690075.46	27°45'53" Lt	10°19'25"	555.00'	268.94'	137.17'	16.70'	e=2.0%
	EB Queen Creek Rd Cst ℄	PT	336+22.13	820368.88	690157.23							
	EB Queen Creek Rd Cst ℄	PC	337+12.89	820441.76	690211.34							
10203	EB Queen Creek Rd Cst ℄	PI	337+96.62	820508.98	690261.25	20°24'49" Lt	12°19'18"	465.00'	165.67'	83.72'	7.48'	e=2.0%
	EB Queen Creek Rd Cst ℄	PT	338+78.56	820554.57	690331.47							
	EB Queen Creek Rd Cst ℄	PC	341+94.49	820726.61	690596.45							
10204	EB Queen Creek Rd Cst ℄	PI	342+74.73	820770.30	690663.75	19°34'48" Rt	12°19'18"	465.00'	158.91'	80.24'	6.87'	e=2.0%
	EB Queen Creek Rd Cst ℄	PT	343+53.40	820788.91	690741.80							
	EB Queen Creek Rd Cst ℄	PC	344+53.21	820812.06	690838.88							
10205	EB Queen Creek Rd Cst ℄	PI	346+01.23	820846.40	690982.87	31°29'29" Lt	10°54'49"	525.00'	288.56'	148.02'	20.47'	e=2.0%
	EB Queen Creek Rd Cst ℄	PT	347+41.76	820950.89	691087.71							
	EB Queen Creek Rd Cst ℄	PC	349+48.77	821097.02	691234.33							
10206	EB Queen Creek Rd Cst ℄	PI	350+56.87	821173.33	691310.89	11°44'40" Rt	5°27'06"	1051.00'	215.43'	108.10'	5.54'	e=2.0%
10207	EB Queen Creek Rd Cst ℄	PT	351+64.20	821232.46	691401.38							
10210	WB Queen Creek Rd Cst ℄	PC	419+77.55	819689.03	688606.28							
10211	WB Queen Creek Rd Cst ℄	PI	423+73.34	819811.67	688982.59	7°55'19" Lt	1°00'09"	5716.08'	790.32'	395.79'	13.69'	e=2.0%
	WB Queen Creek Rd Cst ℄	PCC	427+67.87	819985.01	689338.40							
10212	WB Queen Creek Rd Cst ℄	PI	430+54.59	820110.58	689596.16	7°06'11" Lt	1°14'25"	4619.66'	572.70'	286.72'	8.89'	e=2.0%
	WB Queen Creek Rd Cst ℄	PT	433+40.57	820267.06	689836.41							
	WB Queen Creek Rd Cst ℄	PC	434+85.28	820346.04	689957.67							
10213	WB Queen Creek Rd Cst ℄	PI	435+61.38	820387.57	690021.44	24°40'12" Rt	16°27'51"	348.00'	149.84'	76.10'	8.22'	e=2.0%
	WB Queen Creek Rd Cst ℄	PT	436+35.12	820398.69	690096.72							
	WB Queen Creek Rd Cst ℄	PC	437+82.26	820420.20	690242.28							
10214	WB Queen Creek Rd Cst ℄	PI	438+57.99	820431.28	690317.20	24°33'21" Lt	16°27'51"	348.00'	149.15'	75.74'	8.15'	e=2.0%
	WB Queen Creek Rd Cst ℄	PT	439+31.40	820472.48	690380.75							
	WB Queen Creek Rd Cst ℄	PC	442+42.63	820641.82	690641.87							
10215	WB Queen Creek Rd Cst ℄	PI	443+21.21	820684.57	690707.81	25°27'02" Lt	16°27'51"	348.00'	154.58'	78.59'	8.76'	e=2.0%
	WB Queen Creek Rd Cst ℄	PT	443+97.21	820751.52	690748.97							
	WB Queen Creek Rd Cst ℄	PC	445+10.91	820848.37	690808.52							
10216	WB Queen Creek Rd Cst ℄	PI	446+37.07	820955.84	690874.61	26°18'02" Rt	10°36'37"	540.00'	247.88'	126.16'	14.54'	e=2.0%
10217	WB Queen Creek Rd Cst ℄	PT	447+58.78	821022.91	690981.47							



NOTE:
THESE 15% PLANS CAPTURE THE DESIGN INTENT OF THE PROJECT BUT ARE SUBJECT TO CHANGE DURING FINAL DESIGN.

PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	Easting	Circular Curve Δ	D	R	L	T	Ext	Super
10220	Queen Creek Rd Ramp A Cst ℄	PC	10+00.00	822423.49	689394.98							
10221	Queen Creek Rd Ramp A Cst ℄	PI	14+28.32	822064.25	689628.21	4°16'52" Lt	0°30'00"	11459.16'	856.23'	428.32'	8.00'	e=2.0%
	Queen Creek Rd Ramp A Cst ℄	PCC	18+56.23	821723.42	689887.62							
10222	Queen Creek Rd Ramp A Cst ℄	PI	22+93.10	821408.94	690189.48	13°06'22" Lt	3°00'00"	1909.86'	436.87'	219.39'	12.56'	e=4.4%
	Queen Creek Rd Ramp A Cst ℄	PT	22+93.10	821408.94	690189.48							
	Queen Creek Rd Ramp A Cst ℄	PC	28+14.58	821076.40	690591.17							
10223	Queen Creek Rd Ramp A Cst ℄	PI	30+93.58	820898.48	690806.09	107°23'14" Rt	27°56'57"	205.00'	384.22'	279.01'	141.22'	e=4.6%
10224	Queen Creek Rd Ramp A Cst ℄	PT	31+98.80	820746.55	690572.08							
10225	Queen Creek Rd Ramp A1 Cst ℄	PC	100+99.03	821022.49	690675.10							
10226	Queen Creek Rd Ramp A1 Cst ℄	PI	102+52.42	820924.68	690793.26	71°46'33" Lt	27°01'35"	212.00'	265.58'	153.39'	49.67'	e=4.6%
10227	Queen Creek Rd Ramp A1 Cst ℄	PT	103+64.60	821006.32	690923.13							
10230	Queen Creek Rd Ramp B Cst ℄	PC	10+00.00	820600.98	690600.94							
10231	Queen Creek Rd Ramp B Cst ℄	PI	12+60.52	820742.72	690819.52	104°58'21" Rt	28°38'52"	200.00'	366.42'	260.52'	128.43'	e=4.6%
	Queen Creek Rd Ramp B Cst ℄	PT	13+66.42	820494.94	690899.98							
	Queen Creek Rd Ramp B Cst ℄	PC	16+18.31	820255.37	690977.78							
10232	Queen Creek Rd Ramp B Cst ℄	PI	19+55.89	819934.29	691082.04	10°04'11" Lt	1°29'43"	3831.72'	673.42'	337.58'	14.84'	e=2.8%
	Queen Creek Rd Ramp B Cst ℄	PCC	22+91.73	819636.39	691240.83							
10233	Queen Creek Rd Ramp B Cst ℄	PI	27+85.90	819200.31	691473.29	4°56'01" Lt	0°29'58"	11471.16'	987.74'	494.17'	10.64'	e=2.0%
10234	Queen Creek Rd Ramp B Cst ℄	PT	32+79.47	818785.82	691742.39							
10235	Queen Creek Rd Ramp B1 Cst ℄	PC	100+44.22	820856.35	690962.16							
10236	Queen Creek Rd Ramp B1 Cst ℄	PI	102+07.71	820768.42	691099.33	71°16'34" Lt	27°01'34"	212.00'	278.53'	163.49'	55.72'	e=4.6%
10237	Queen Creek Rd Ramp B1 Cst ℄	PT	103+22.75	820612.77	690874.34							

PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	Easting	Circular Curve Δ	D	R	L	T	Ext	Super
10240	Queen Creek Rd Ramp C Cst ℄	PC	10+00.00	820475.22	690407.01							
10241	Queen Creek Rd Ramp C Cst ℄	PI	12+96.19	820314.06	690158.51	108°48'45" Lt	27°01'35"	212.00'	402.62'	296.19'	152.24'	e=4.6%
	Queen Creek Rd Ramp C Cst ℄	PT	14+02.62	820130.80	690391.18							
	Queen Creek Rd Ramp C Cst ℄	PC	18+57.75	819849.18	690748.73							
10242	Queen Creek Rd Ramp C Cst ℄	PI	21+23.29	819684.88	690957.34	15°49'52" Rt	3°00'00"	1909.86'	527.70'	265.54'	18.37'	e=4.4%
	Queen Creek Rd Ramp C Cst ℄	PCC	23+85.45	819469.90	691113.21							
10243	Queen Creek Rd Ramp C Cst ℄	PI	26+80.58	819230.96	691286.45	2°57'02" Rt	0°30'00"	11459.16'	590.13'	295.13'	3.80'	e=2.0%
10244	Queen Creek Rd Ramp C Cst ℄	PT	29+75.58	818983.43	691447.16							
10245	Queen Creek Rd Ramp C1 Cst ℄	PC	100+50.99	820197.78	690015.45							
10246	Queen Creek Rd Ramp C1 Cst ℄	PI	102+37.96	820278.69	690184.02	63°52'02" Rt	19°05'55"	300.00'	334.41'	186.98'	53.50'	e=4.2%
10247	Queen Creek Rd Ramp C1 Cst ℄	PT	103+85.39	820163.00	690330.90							
10250	Queen Creek Rd Ramp D Cst ℄	PC	10+00.00	822634.88	689090.82							
10251	Queen Creek Rd Ramp D Cst ℄	PI	14+00.48	822298.98	689308.90	4°00'11" Rt	0°30'00"	11459.16'	800.64'	400.48'	7.00'	e=2.0%
	Queen Creek Rd Ramp D Cst ℄	PT	18+00.64	821948.68	689502.99							
	Queen Creek Rd Ramp D Cst ℄	PC	20+55.20	821726.02	689626.37							
10252	Queen Creek Rd Ramp D Cst ℄	PI	24+22.99	821404.30	689804.62	11°00'00" Rt	1°30'00"	3819.72'	733.33'	367.80'		e=2.8%
	Queen Creek Rd Ramp D Cst ℄	PCC	27+88.53	821054.49	689918.22							
	Queen Creek Rd Ramp D Cst ℄	PC	32+00.08	820663.06	690045.33							
10253	Queen Creek Rd Ramp D Cst ℄	PI	34+00.81	820472.14	690107.32	74°54'49" Rt	21°52'07"	262.00'	342.56'	200.73'	68.05'	e=4.4%
10254	Queen Creek Rd Ramp D Cst ℄	PT	35+42.64	820362.60	689939.12							
10255	Queen Creek Rd Ramp D1 Cst ℄	PC	100+00.00	820692.64	690048.34							
10256	Queen Creek Rd Ramp D1 Cst ℄	PI	102+91.94	820414.98	[illegible]	105°00'11" Lt	25°34'43"	224.00'	410.51'	291.94'	143.97'	e=4.6%
10257	Queen Creek Rd Ramp D1 Cst ℄	PT	104+10.51	820573.95	690383.36							

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STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L
QUEEN CREEK ROAD
PLAN, TYPICALS AND PROFILES
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

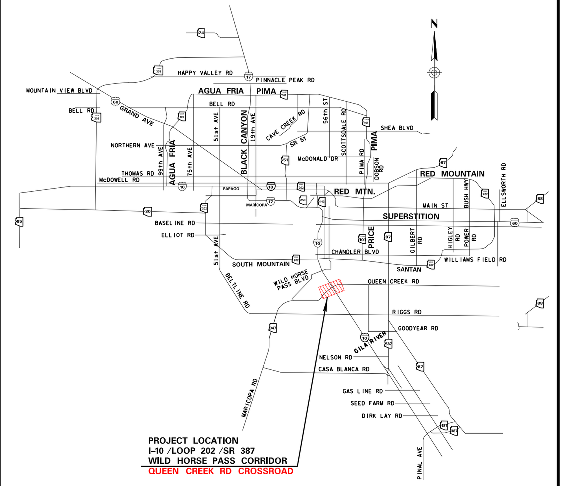
ADOT

HDR, INC.
20 E. THOMAS ROAD
SUITE 2500
PHOENIX, AZ 85012-3118
TEL (602) 522-7700

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

QUEEN CREEK RD RAMP PROFILES



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

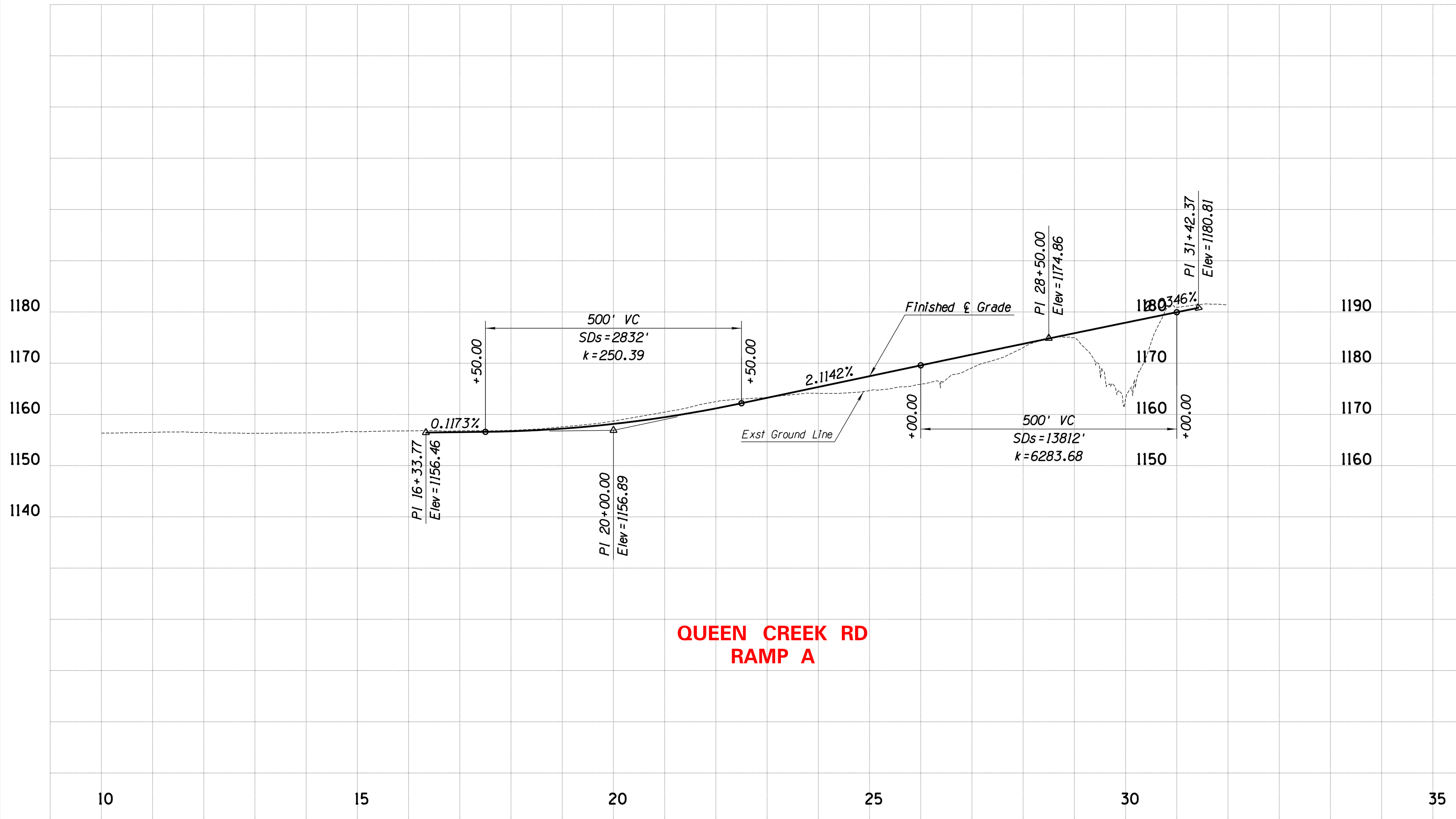
Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

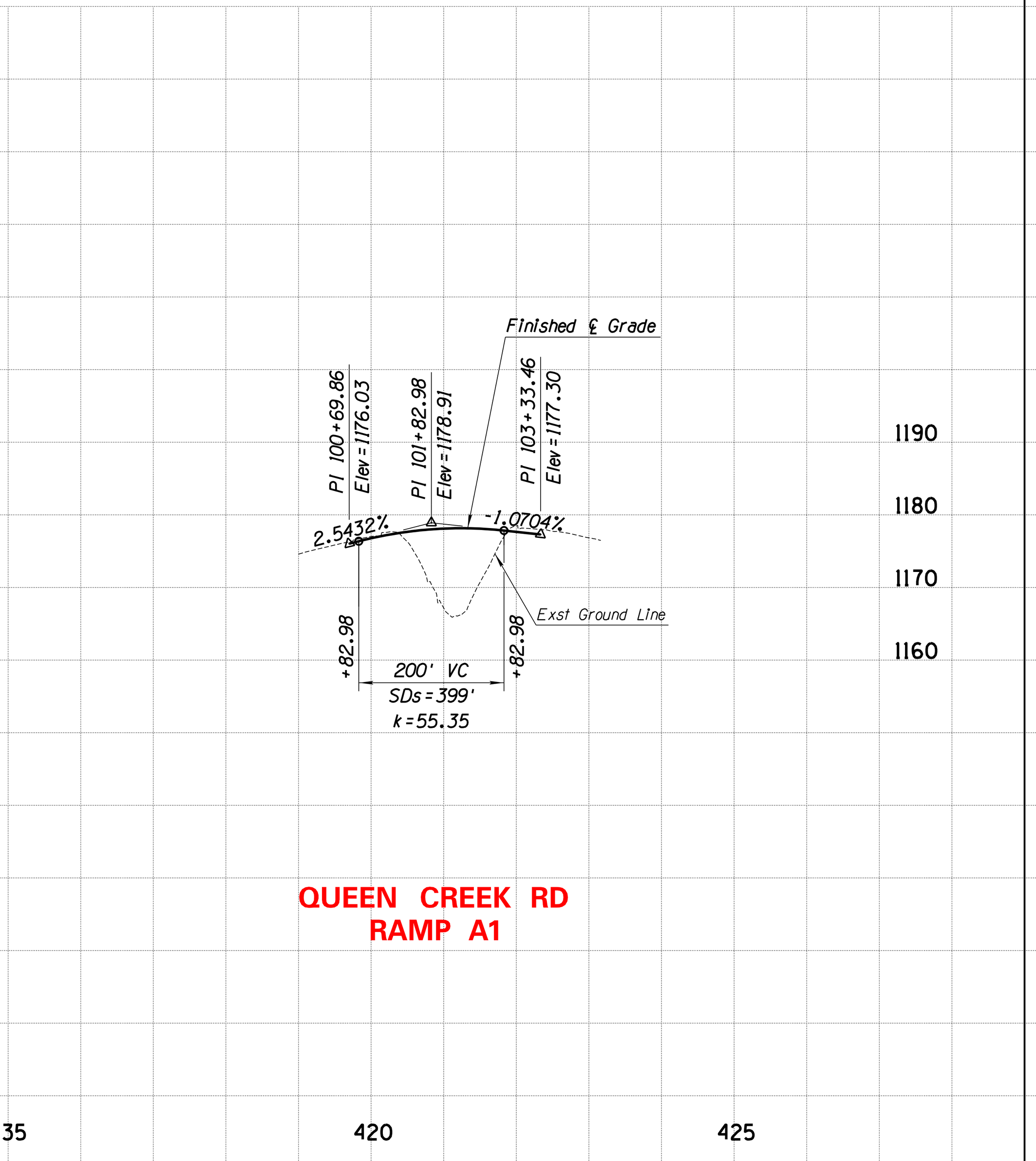
LEGEND

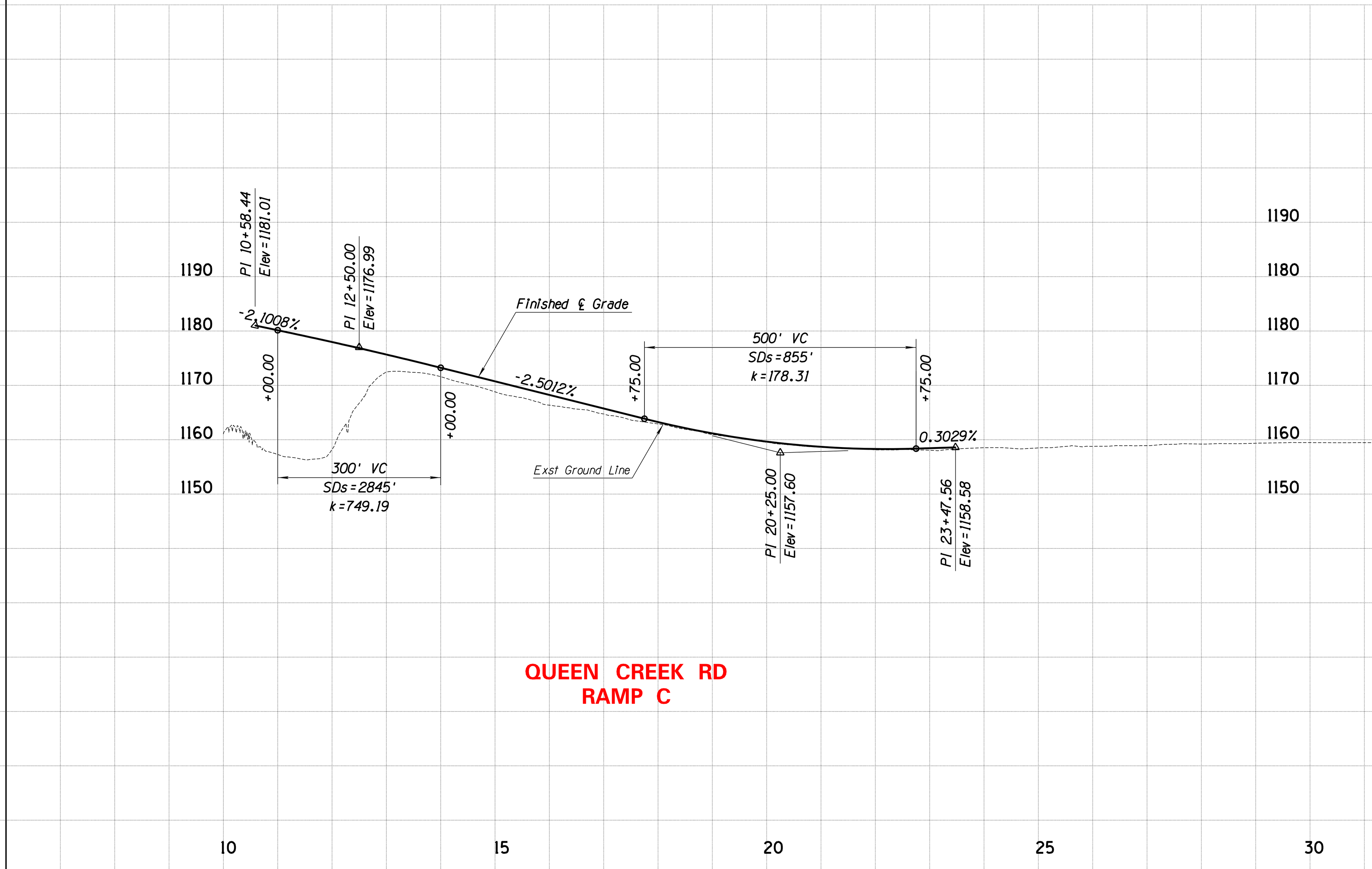
New Pavement (Asphalt)	Temporary Construction Easements
New Pavement (Concrete)	New R/W
New Bridge	Allottment Parcels
Rehabilitated Bridge	Mill & Overlay
Median Cable Barrier	New R/W
Fill Line	Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line	
New FMS	Land Boundary
Full Access Control	Restricted Access Control

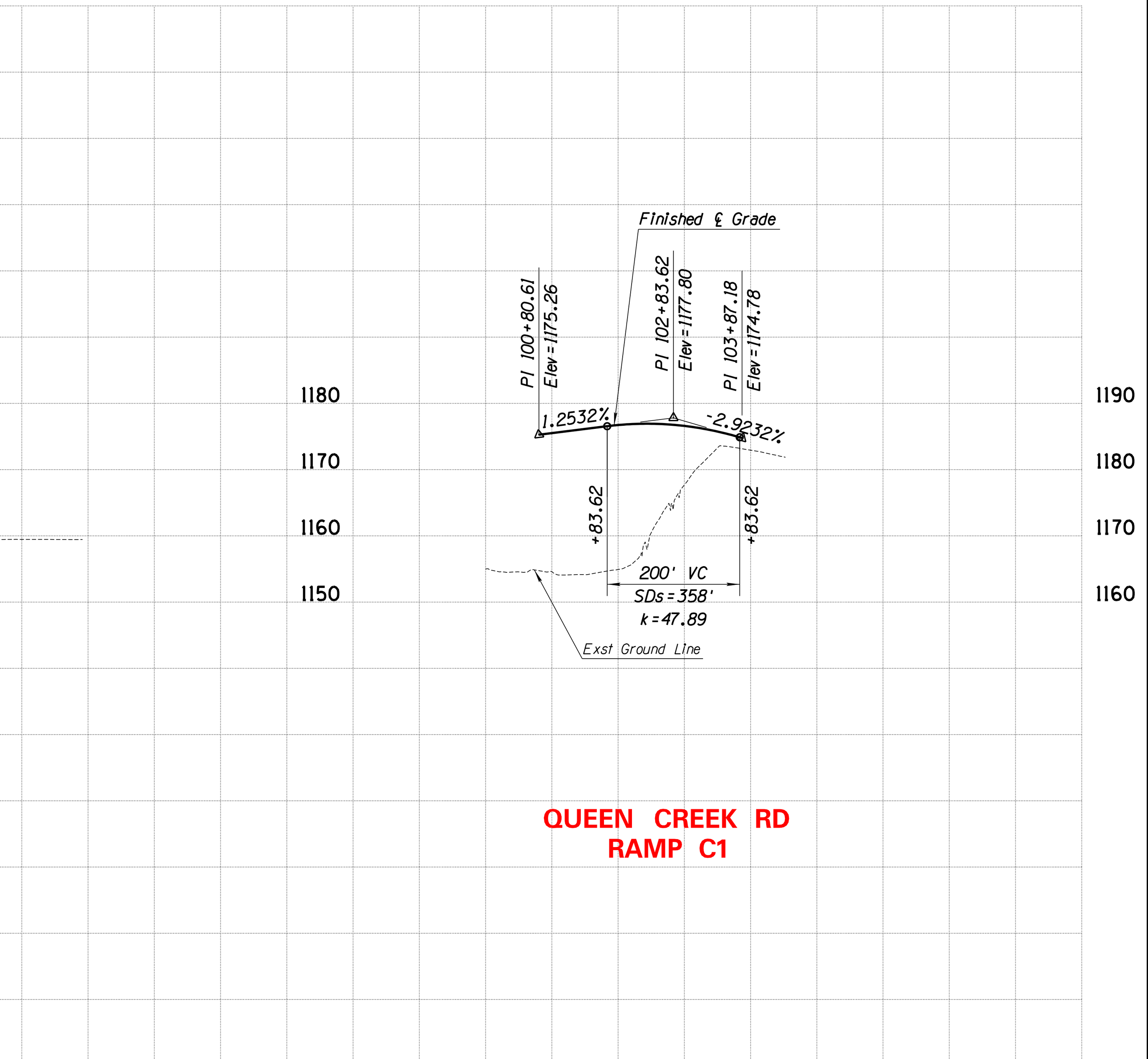
100 0 100 200
SCALE IN FEET

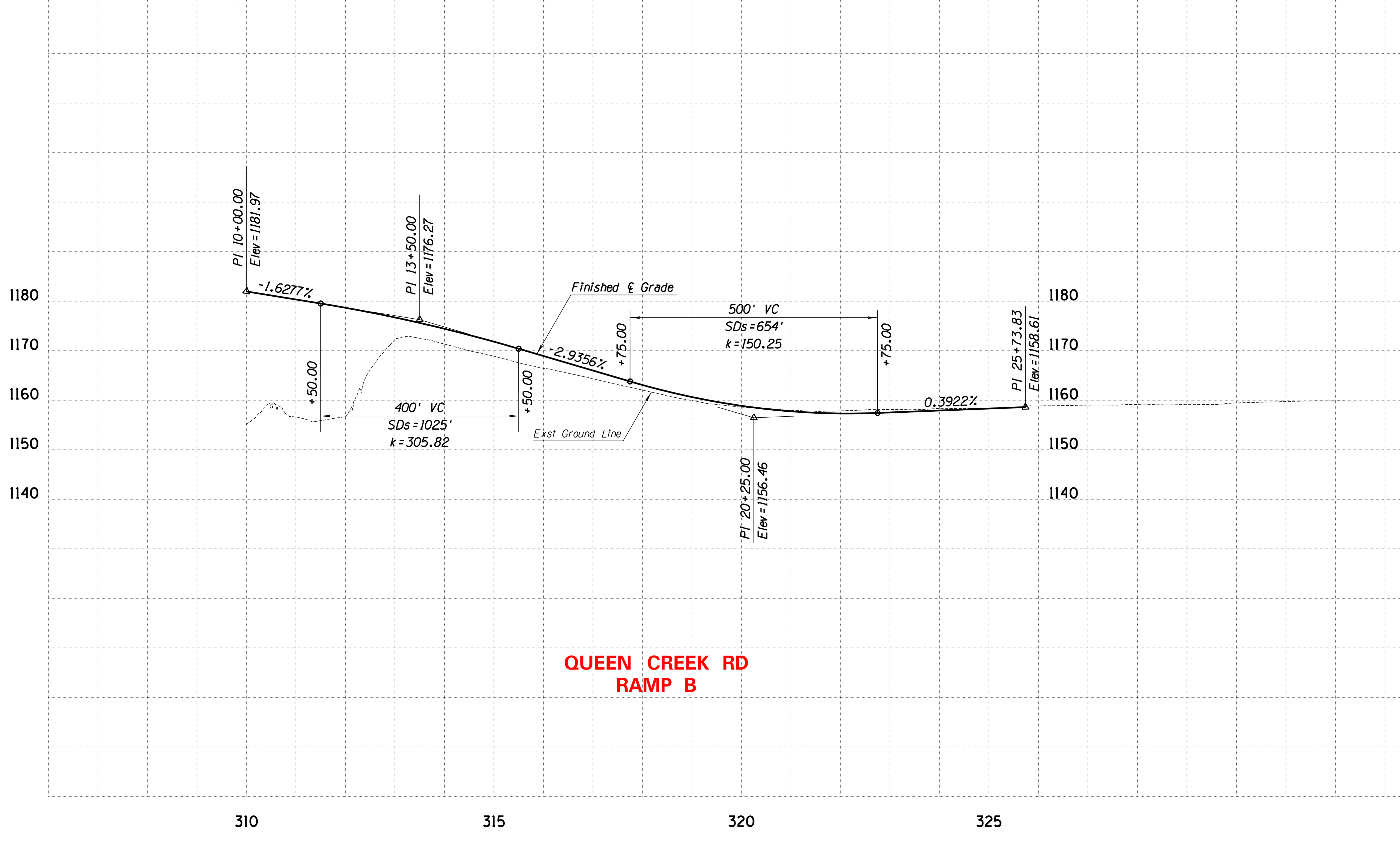
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

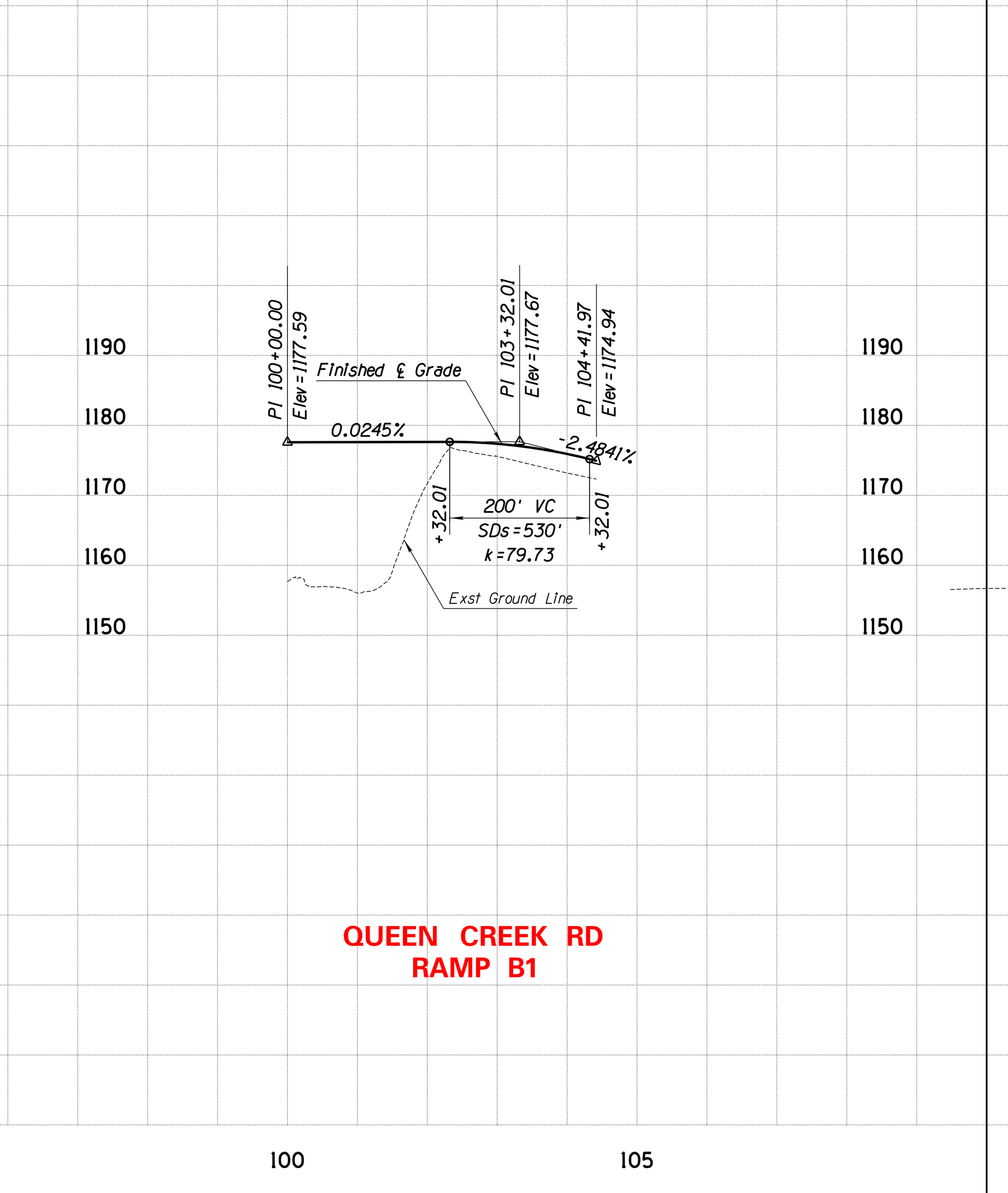


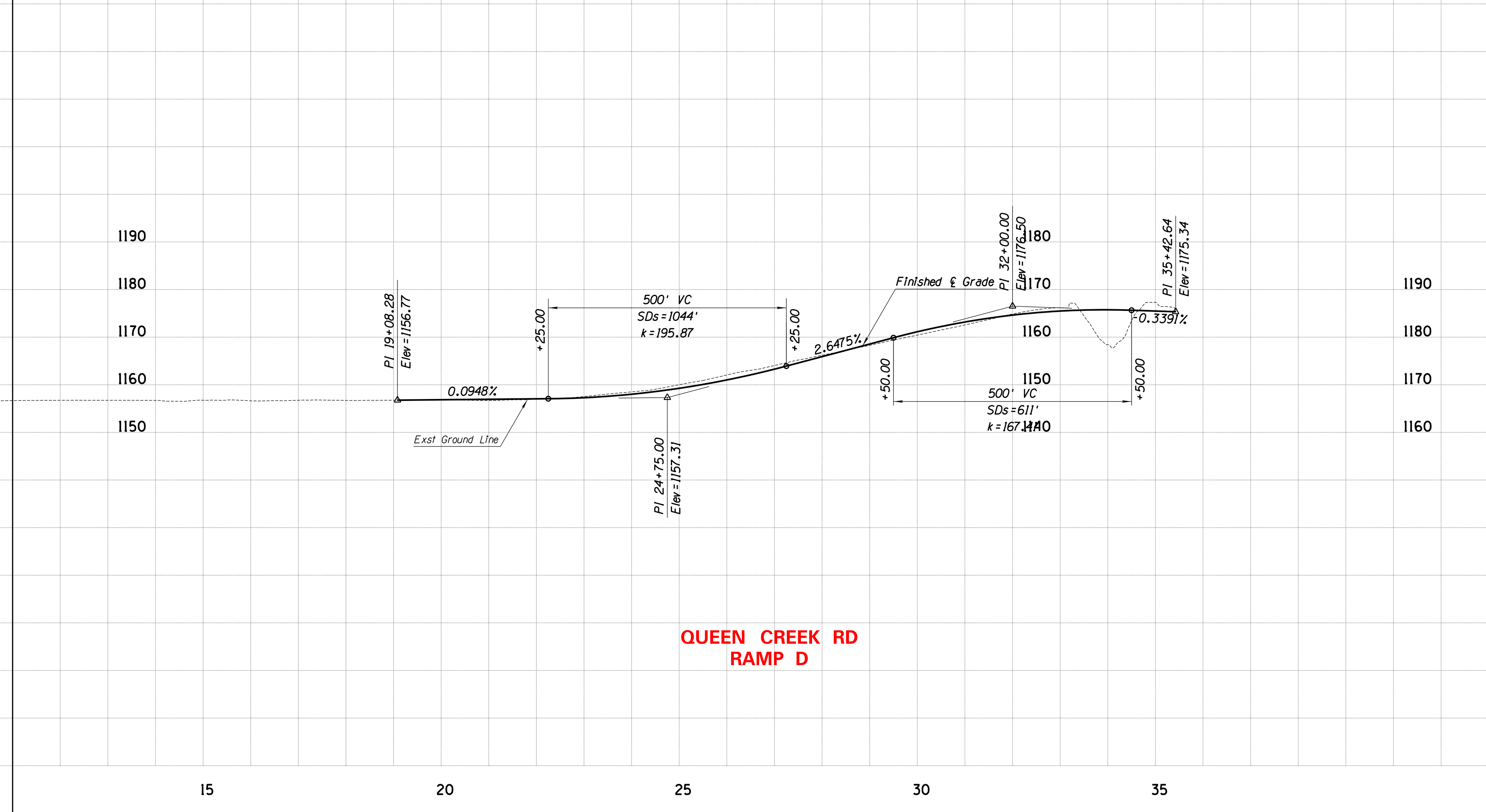


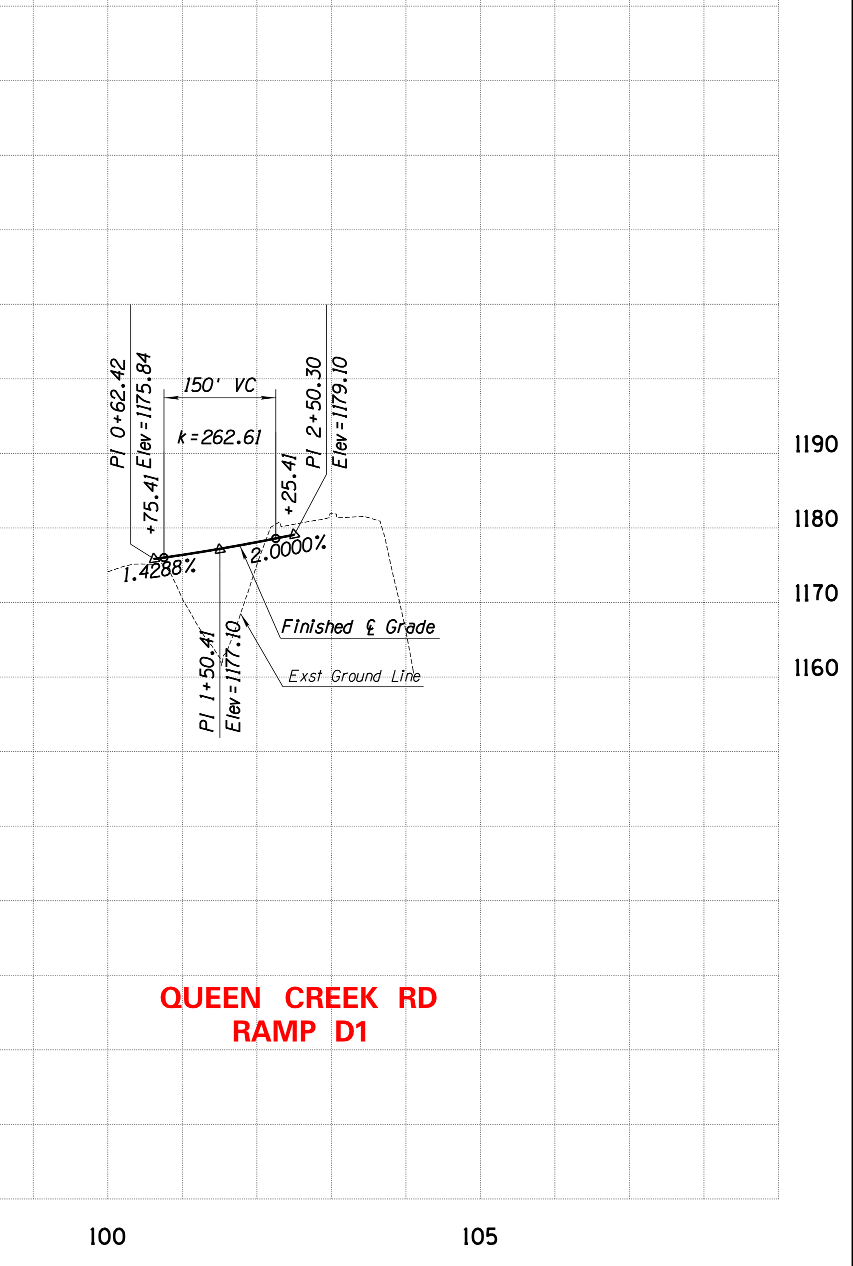












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STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

QUEEN CREEK RD RAMP PROFILES

MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

LEGEND

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul, 12, 2022

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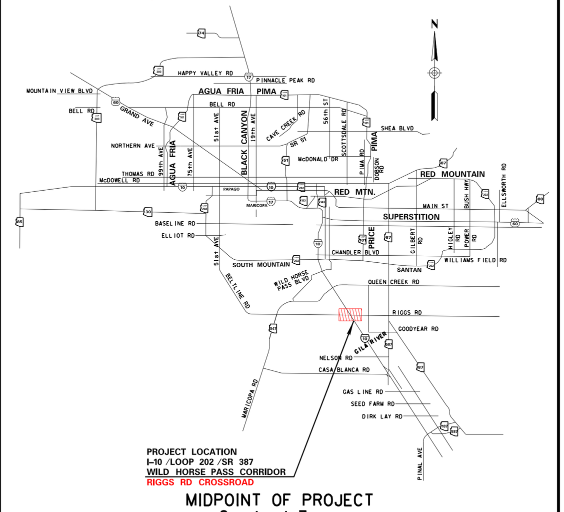
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

RIGGS ROAD PLAN, TYPICAL & PROFILES



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
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Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
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Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

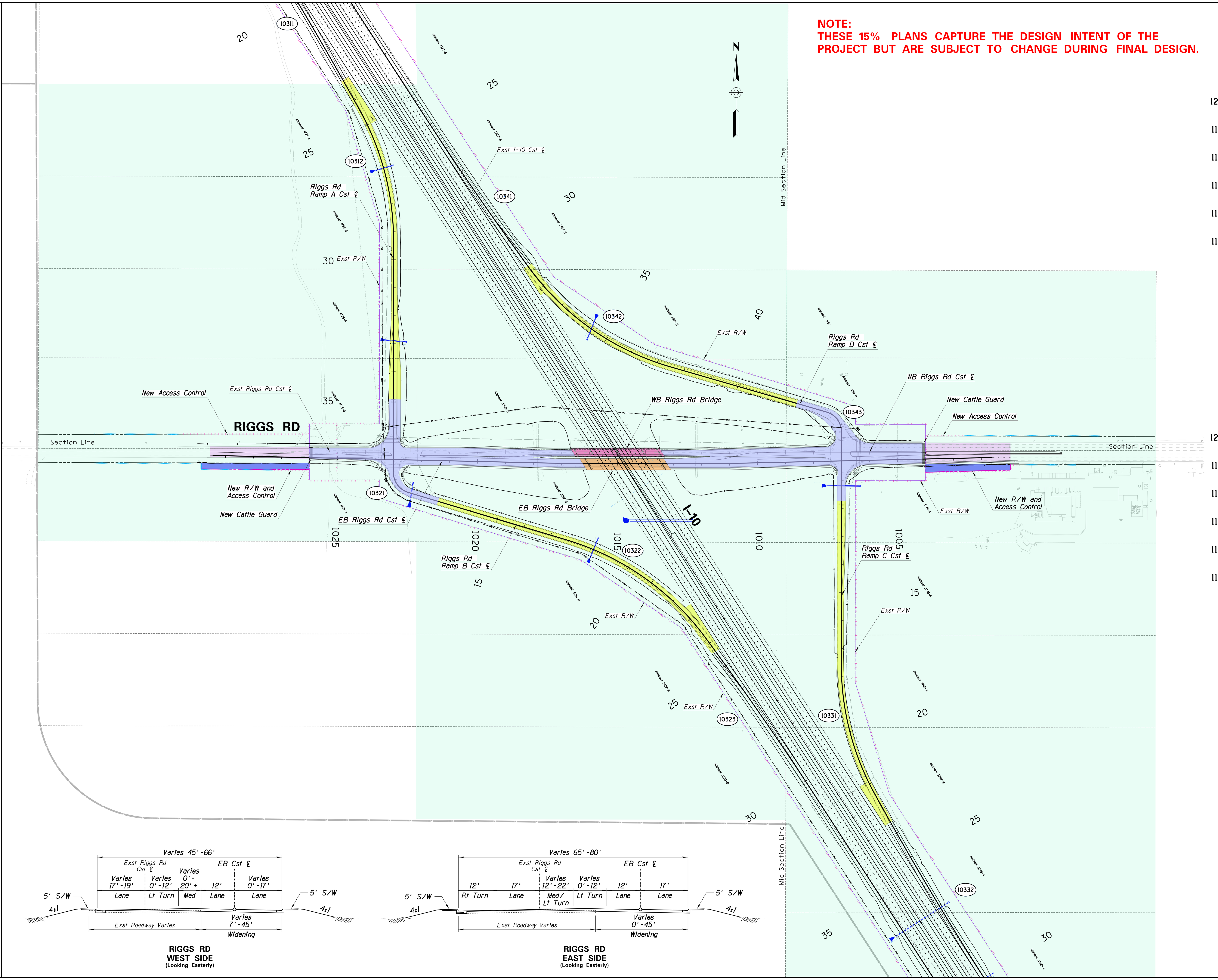
LEGEND

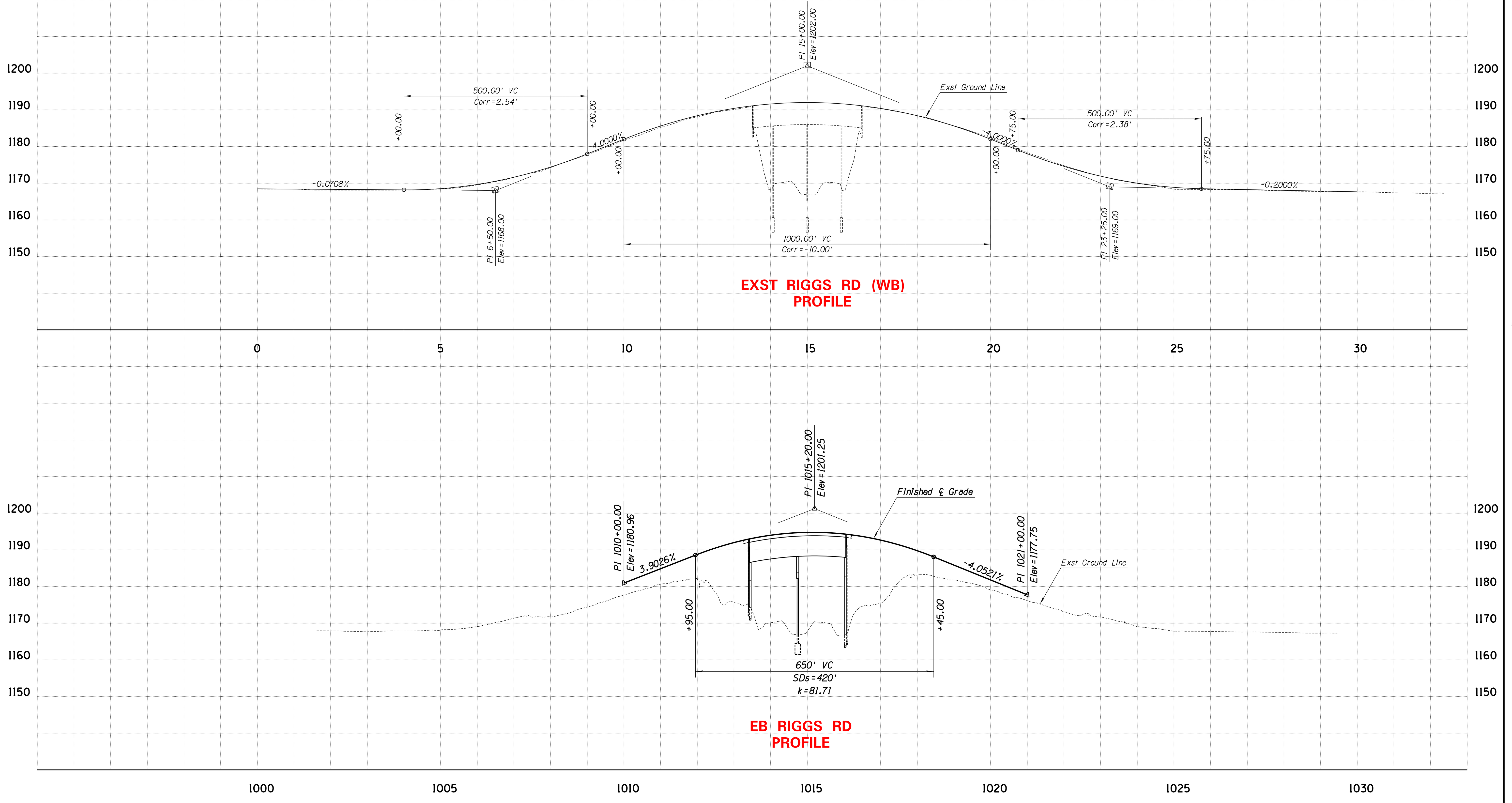
- New Pavement (Asphalt)
- Temporary Construction Easements
- New Pavement (Concrete)
- New R/W
- New Bridge
- Allottment Parcels
- Rehabilitated Bridge
- Mill & Overlay
- Median Cable Barrier
- New R/W
- Fill Line
- Exst R/W (Line) Exst Access Control (Hash Marks)
- Cut Line
- New FMS
- Full Access Control
- Land Boundary
- Restricted Access Control

100 0 100 200
SCALE IN FEET

INTERSTATE 10
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

NOTE:
THESE 15% PLANS CAPTURE THE DESIGN INTENT OF THE PROJECT BUT ARE SUBJECT TO CHANGE DURING FINAL DESIGN.





PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	COORDINATES Easting	Circular Curve Δ	D	R	L	T	Ext	Super
10300	EB Riggs Rd Cst ℄	PI	1010+99.07	807383.54	699443.68	N/A	N/A	N/A	N/A	N/A	N/A	e=NC
10301	EB Riggs Rd Cst ℄	PI	1017+00.00	807383.78	698842.75	N/A	N/A	N/A	N/A	N/A	N/A	e=NC
10310	Riggs Rd Ramp A Cst ℄	PC	16+00.75	809365.85	697691.27							
10311	Riggs Rd Ramp A Cst ℄	PI	20+24.22	809010.66	697921.86	4°13'58" Rt	0°30'00"	11459.16'	846.56'	423.47'	7.82'	e=2.0%
	Riggs Rd Ramp A Cst ℄	PCC	24+47.31	808639.42	698125.60							
10312	Riggs Rd Ramp A Cst ℄	PI	26+92.42	808424.55	698243.53	28°47'28" Rt	6°00'00"	954.93'	479.85'	245.11'	30.95'	e=5.9%
10313	Riggs Rd Ramp A Cst ℄	PT	29+27.16	808179.44	698243.39							
10320	Riggs Rd Ramp B Cst ℄	PC	10+73.00	807351.02	698242.93							
10321	Riggs Rd Ramp B Cst ℄	PI	11+28.09	807295.93	698242.89	73°19'44" Lt	77°25'36"	74.00'	94.71'	55.09'	18.25'	
	Riggs Rd Ramp B Cst ℄	PT	11+67.71	807280.10	698295.66							
	Riggs Rd Ramp B Cst ℄	PC	17+59.57	807109.99	698862.54							
10322	Riggs Rd Ramp B Cst ℄	PI	20+77.46	807018.62	699167.03	36°49'30" Rt	6°00'00"	954.93'	613.75'	317.90'	51.52'	e=5.9%
	Riggs Rd Ramp B Cst ℄	PCC	23+73.32	806762.98	699355.99							
10323	Riggs Rd Ramp B Cst ℄	PI	27+21.26	806483.19	699562.81	3°28'42" Rt	0°30'00"	11459.16'	695.66'	347.94'	5.28'	e=2.0%
10324	Riggs Rd Ramp B Cst ℄	PT	30+68.98	806191.36	699752.28							
10330	Riggs Rd Ramp C Cst ℄	PC	17+57.14	806666.24	699842.51							
10331	Riggs Rd Ramp C Cst ℄	PI	20+02.70	806420.68	699842.37	28°30'32" Lt	6°00'00"	954.93'	480.70'	245.56'	31.07'	e=5.9%
	Riggs Rd Ramp C Cst ℄	PCC	22+37.85	806205.52	699960.71							
10332	Riggs Rd Ramp C Cst ℄	PI	26+56.36	805838.80	700162.40	4°11'00" Lt	0°30'00"	11459.16'	836.66'	418.52'	7.64'	e=2.0%
10333	Riggs Rd Ramp C Cst ℄	PT	30+74.51	805487.78	700390.29							
10340	Riggs Rd Ramp D Cst ℄	PC	24+80.09	808610.22	698363.08							
10341	Riggs Rd Ramp D Cst ℄	PI	28+01.47	808340.67	698538.09	3°12'47" Lt	0°30'00"	11459.16'	642.59'	321.38'	4.51'	e=2.0%
	Riggs Rd Ramp D Cst ℄	PCC	31+22.68	808081.35	698727.92							
10342	Riggs Rd Ramp D Cst ℄	PI	34+48.39	807818.54	698920.31	37°39'59" Lt	6°00'00"	954.93'	627.77'	325.70'	54.02'	e=5.9%
	Riggs Rd Ramp D Cst ℄	PT	37+50.46	807728.07	699233.20							
	Riggs Rd Ramp D Cst ℄	PC	43+29.59	807567.20	699789.54							
10343	Riggs Rd Ramp D Cst ℄	PI	43+85.25	807551.74	699843.01	73°54'18" Rt	77°25'36"	74.00'	95.45'	55.67'	18.60'	
10344	Riggs Rd Ramp D Cst ℄	PT	44+25.04	807496.07	699842.98							

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STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

RIGGS ROAD PLAN, TYPICAL & PROFILES

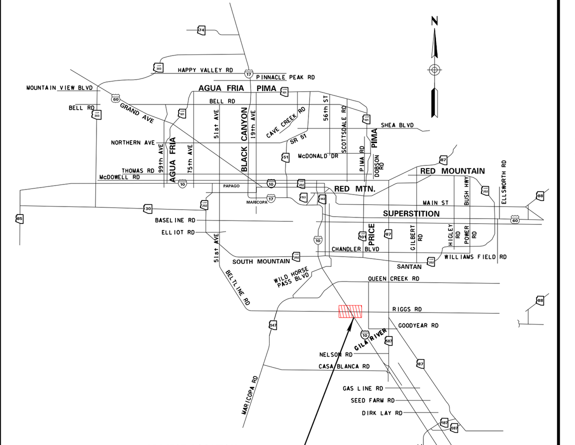
LEGEND

INTERSTATE 10
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

RIGGS RD
RAMP PROFILES



PROJECT LOCATION
I-10 /LOOP 202 /SR 387
WILD HORSE PASS CORRIDOR
RIGGS RD CROSSROAD

MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

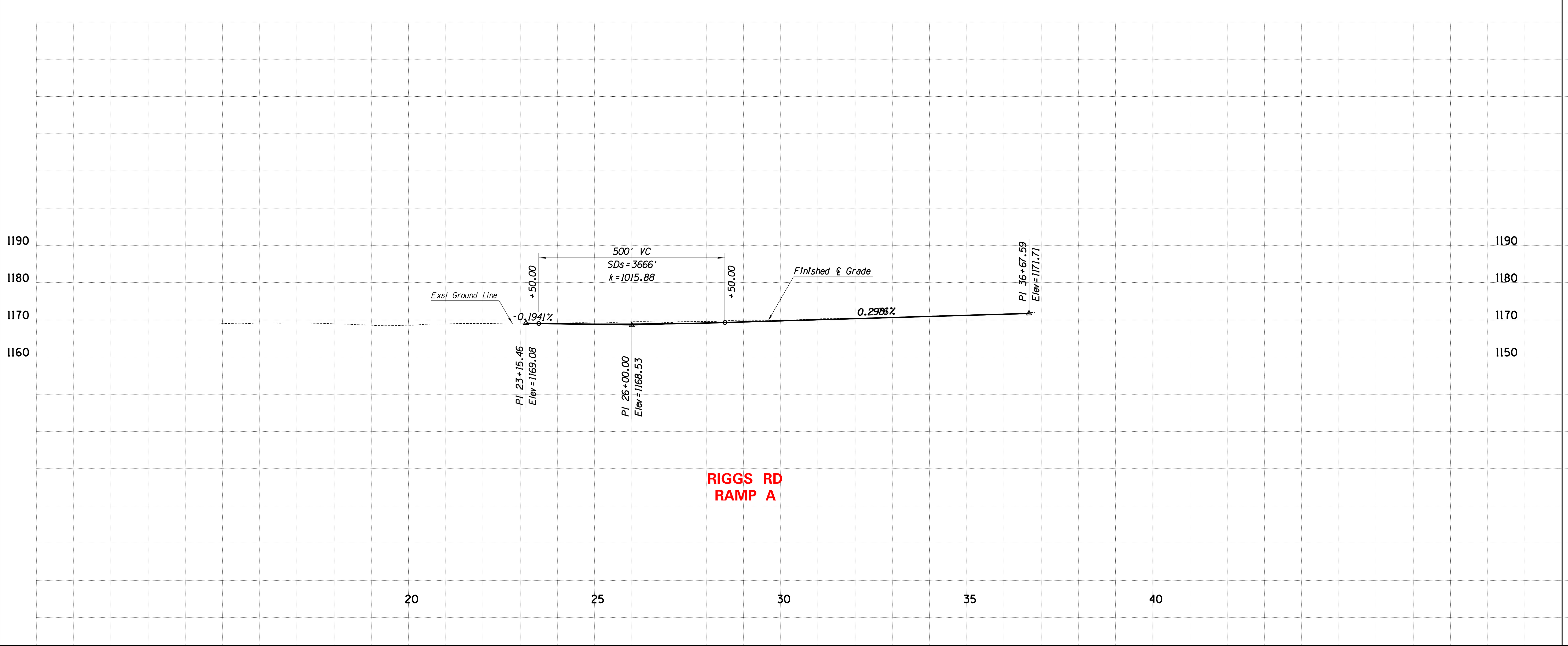
Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

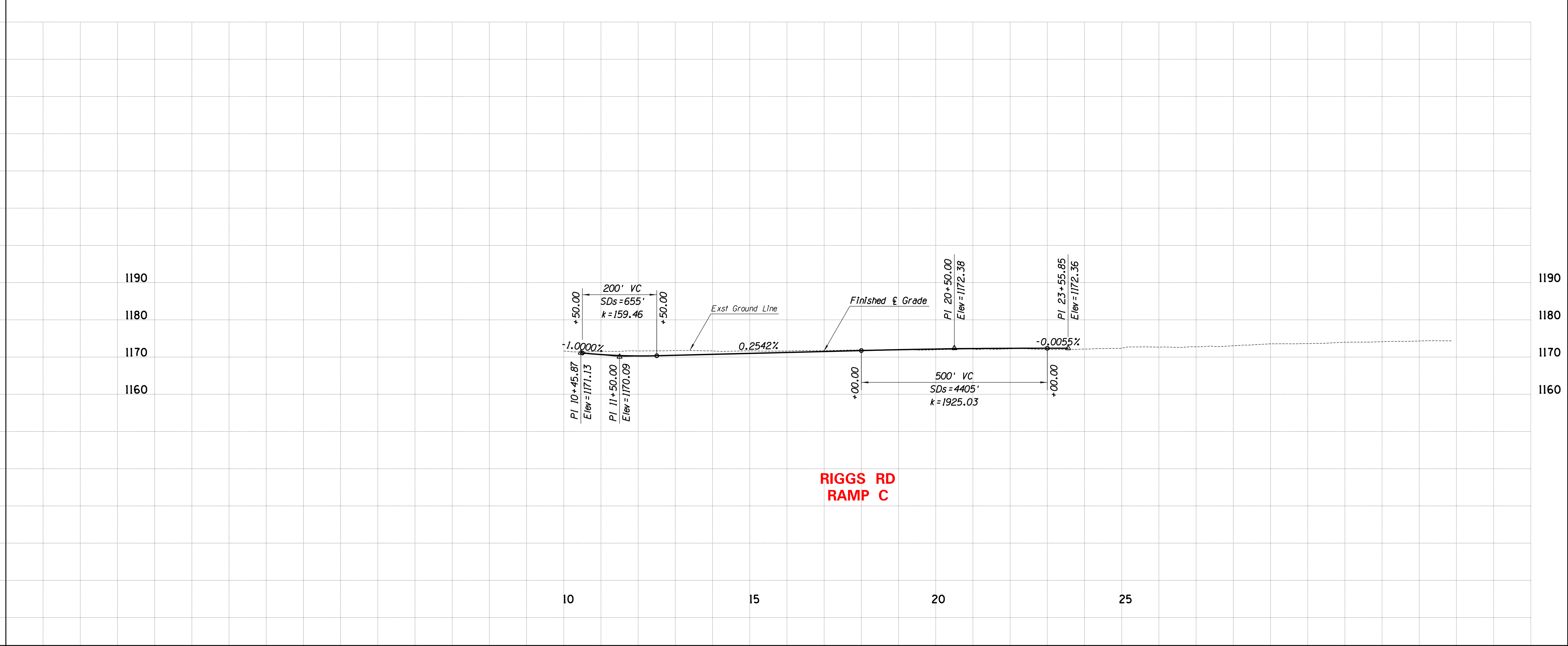
LEGEND

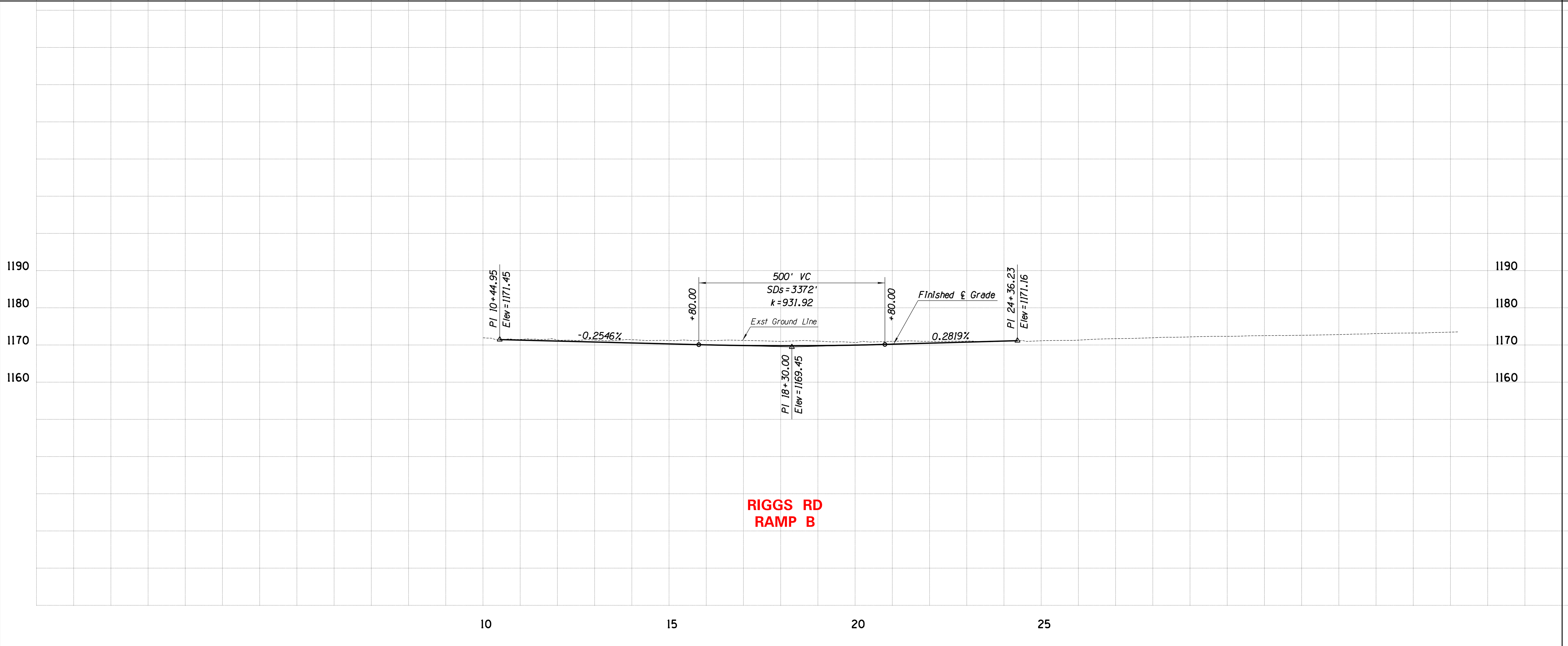
New Pavement (Asphalt)
Temporary Construction Easements
New Pavement (Concrete)
New R/W
New Bridge
Allotment Parcels
Rehabilitated Bridge
Mill & Overlay
Median Cable Barrier
New R/W
Fill Line
Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line
New FMS
Land Boundary
Full Access Control
Restricted Access Control

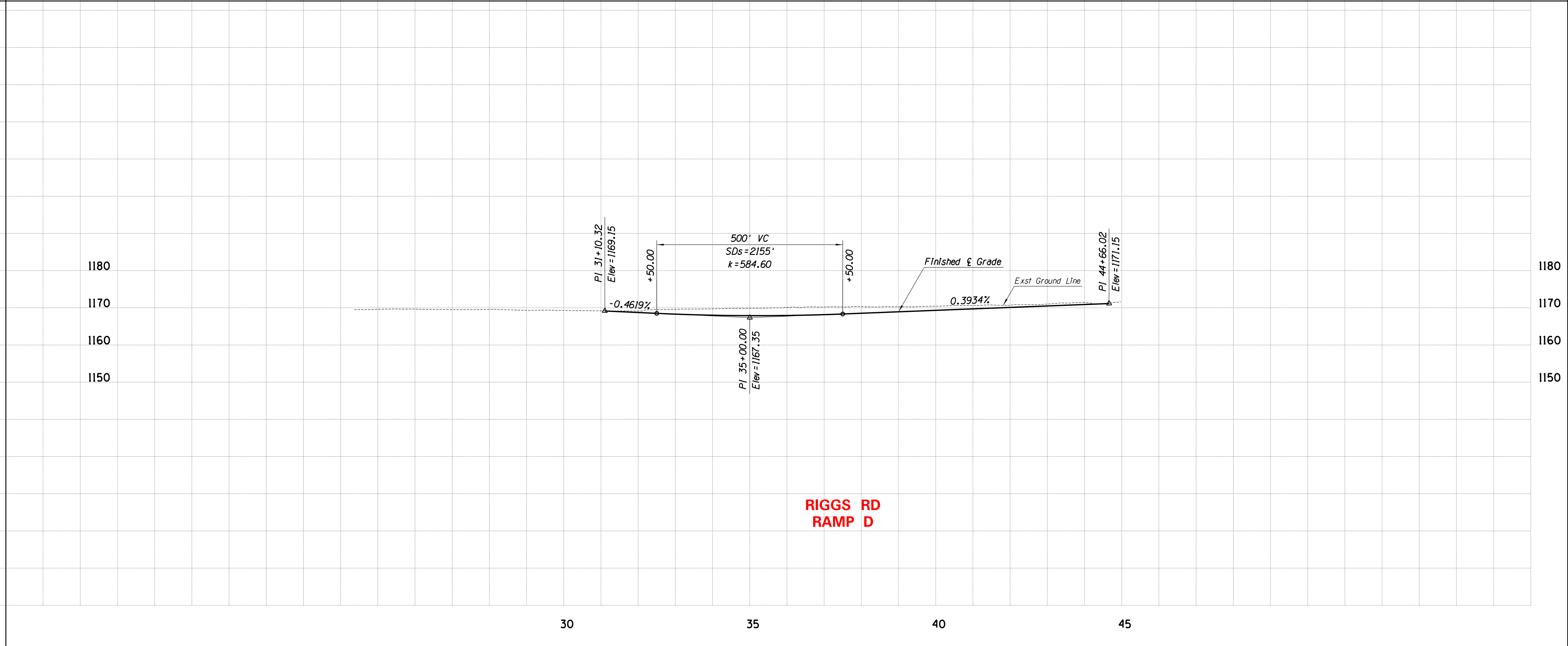
100 0 100 200
SCALE IN FEET

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR









STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

RIGGS RD
RAMP PROFILES

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

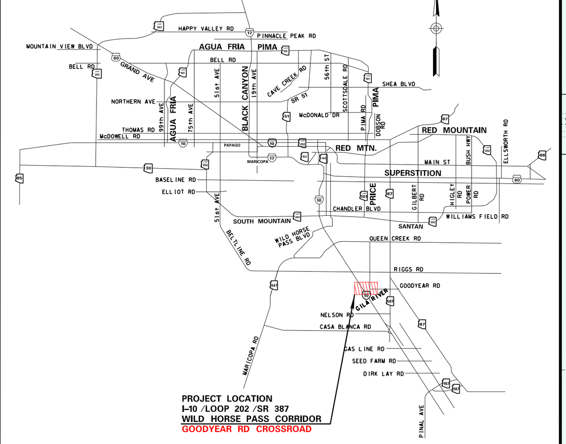
Jul. 12, 2022

ADOT
HDR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

GOODYEAR ROAD
PLAN, TYPICAL AND PROFILE



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
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Design Speed:
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On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

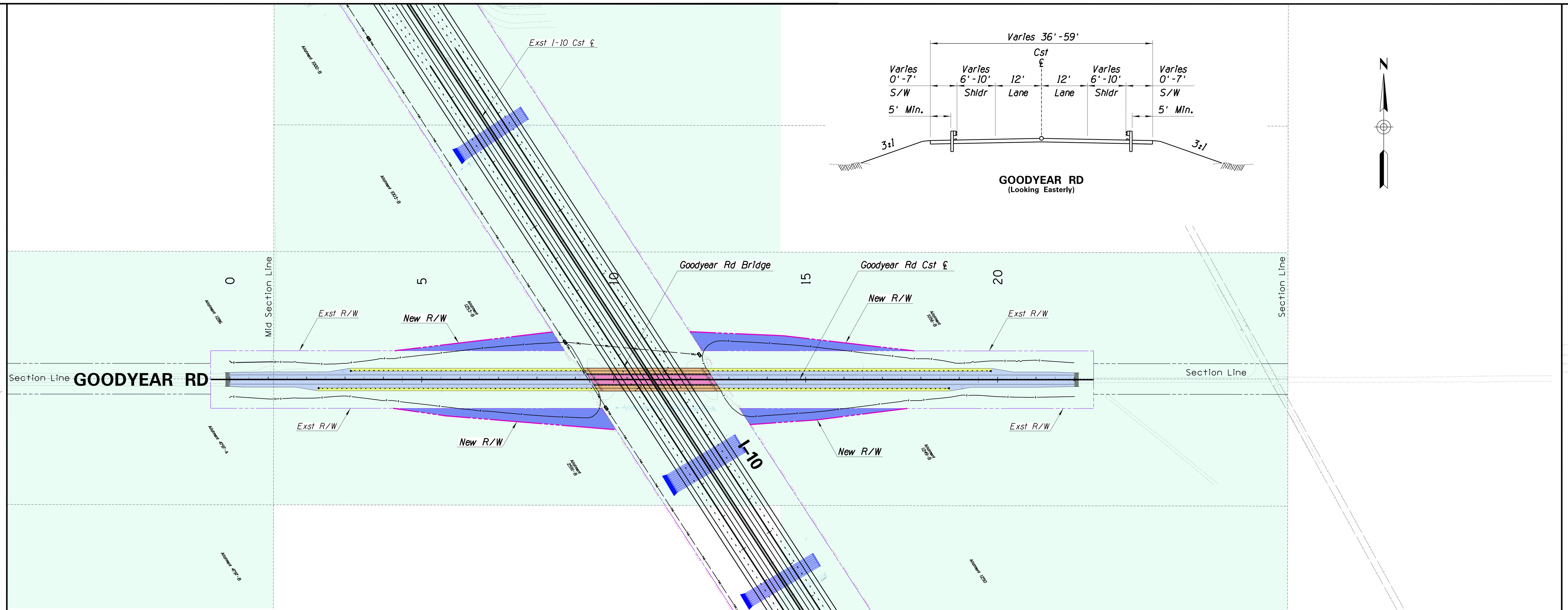
Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

LEGEND

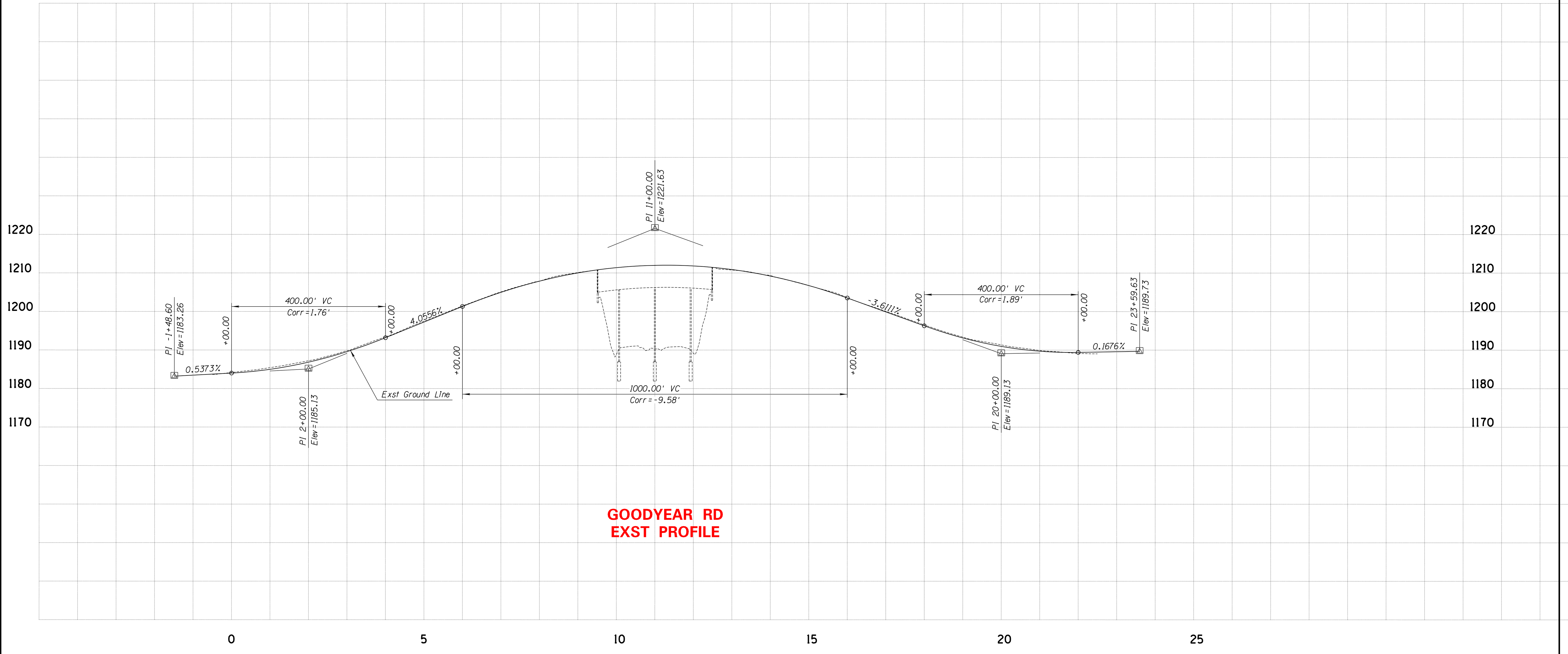
New Pavement (Asphalt)	Temporary Construction Easements
New Pavement (Concrete)	New R/W
New Bridge	Allotment Parcels
Rehabilitated Bridge	Mill & Overlay
Median Cable Barrier	New R/W
Fill Line	Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line	
New FMS	Land Boundary
Full Access Control	Restricted Access Control

100 0 100 200
SCALE IN FEET

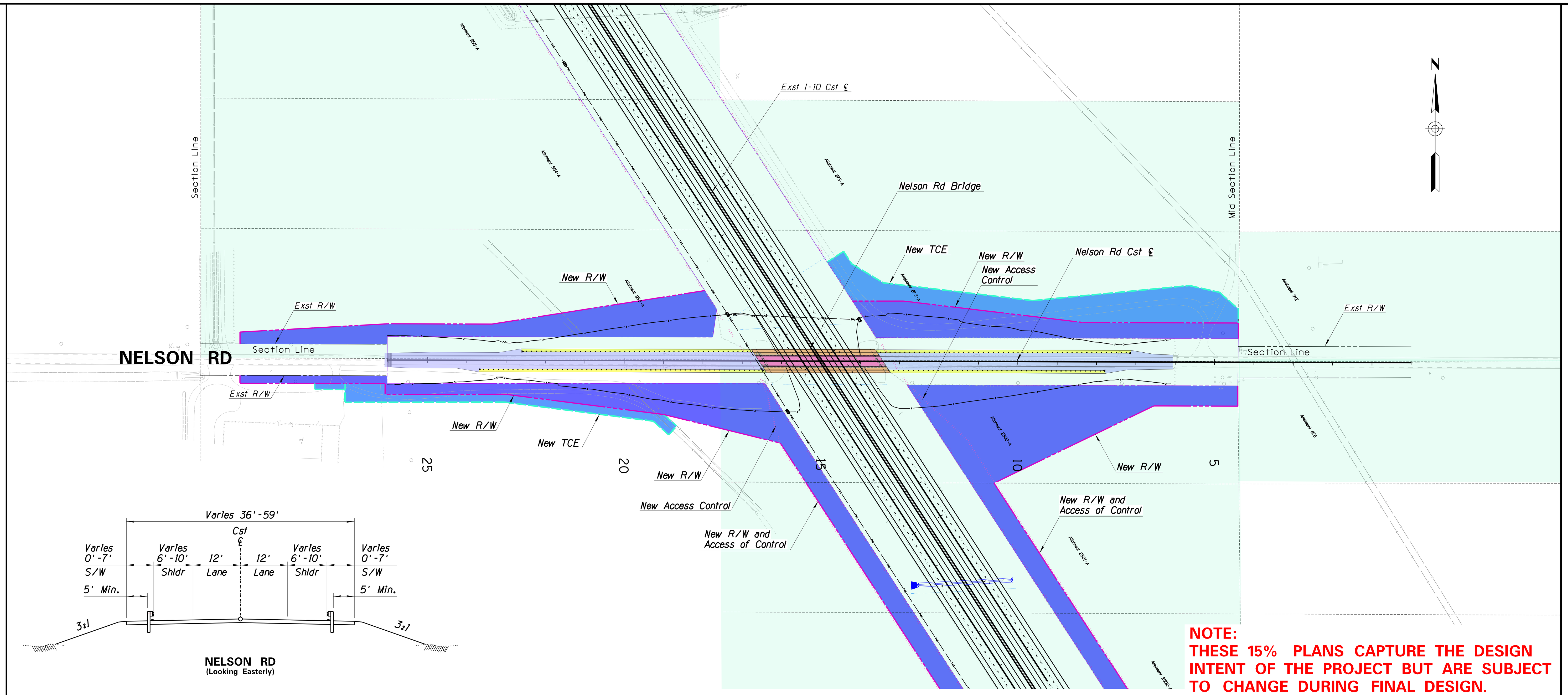
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR



NOTE:
THESE 15% PLANS CAPTURE THE DESIGN INTENT OF THE PROJECT BUT ARE SUBJECT TO CHANGE DURING FINAL DESIGN.



GOODYEAR RD
EXST PROFILE



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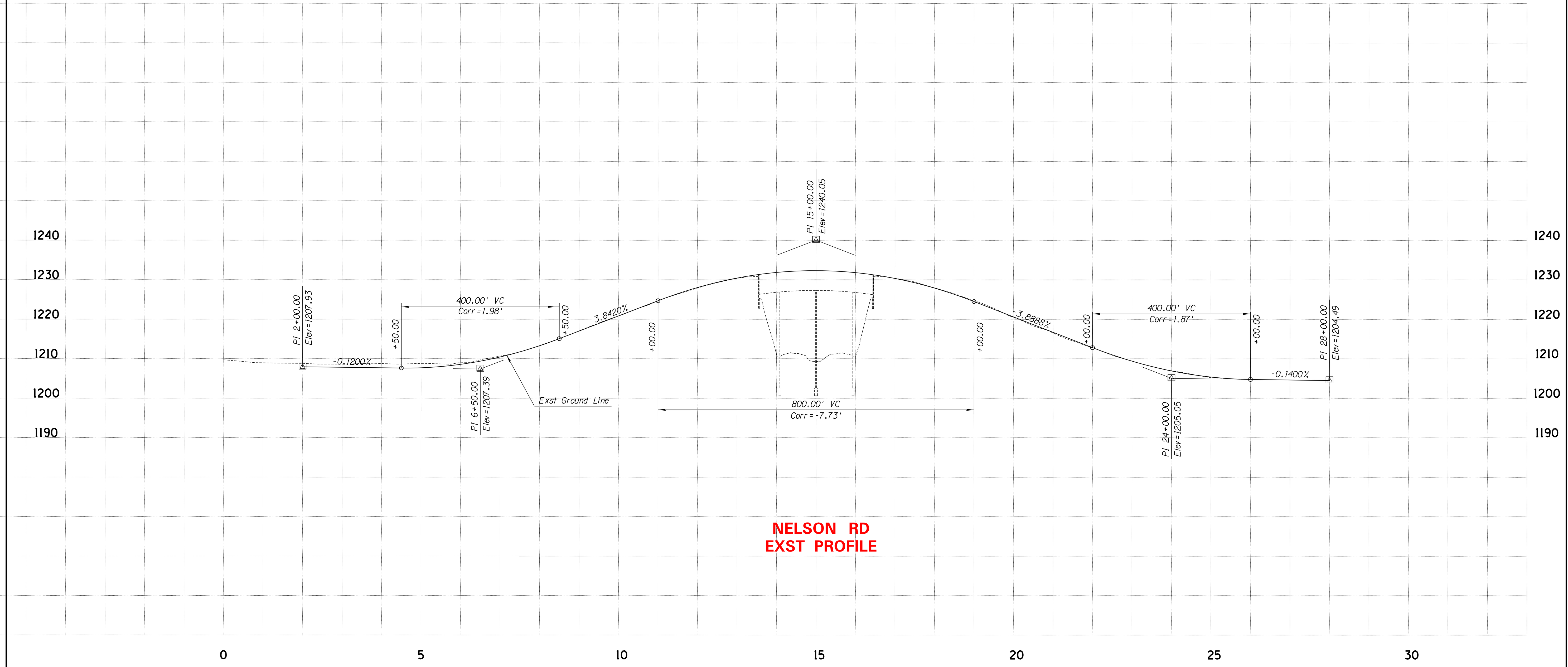

NELSON RD
EXST PROFILE

ADOT
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STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

NELSON ROAD
PLAN, TYPICAL AND PROFILE

MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
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(South of MP 165.20)
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Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

LEGEND

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul. 12, 2022

ADOT

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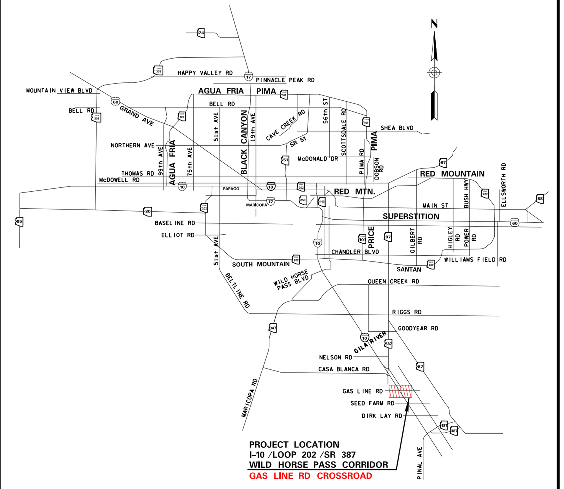
STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

GAS LINE ROAD PLAN, TYPICAL & PROFILE



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

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Crossroad (Grade Separations) = 55 MPH
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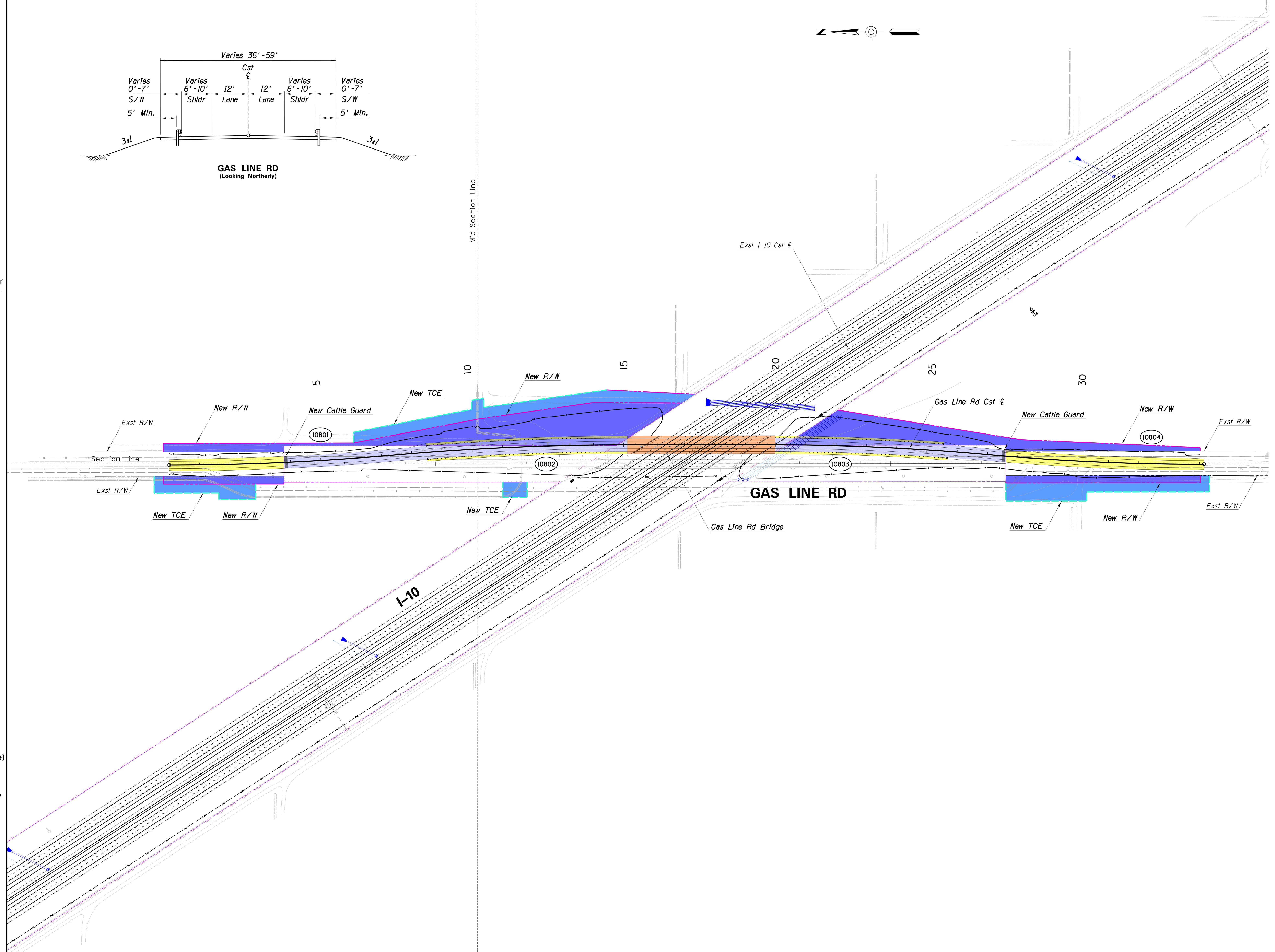
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

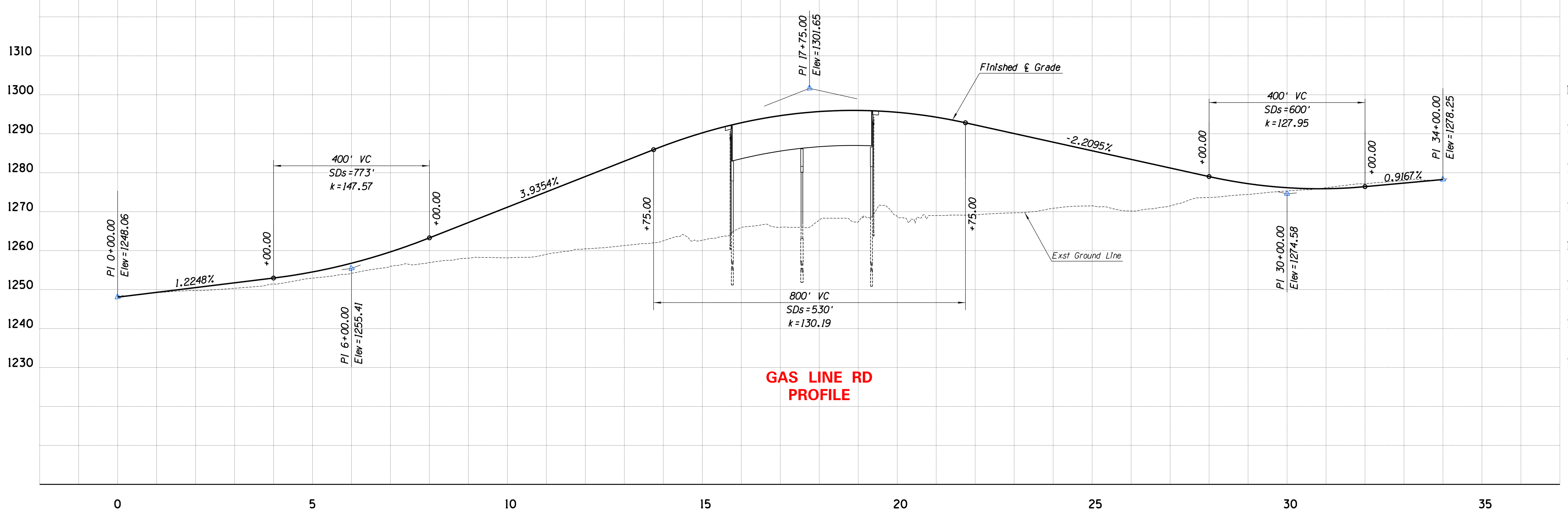
LEGEND

New Pavement (Asphalt)
Temporary Construction Easements
New Pavement (Concrete)
New RW
New Bridge
Allottment Parcels
Rehabilitated Bridge
Mill & Overlay
Median Cable Barrier
New RW
Fill Line
Exst RW (Line) Exst Access Control (Hash Marks)
Cut Line
New FMS
Land Boundary
Full Access Control
Restricted Access Control

100 0 100 200
SCALE IN FEET

INTERSTATE 10
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR





GAS LINE RD PROFILE

PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES		Circular Curve						
				Northing	Easting	Δ	D	R	L	T	Ext	Super
10800	Gas Line Rd Cst ℄	PC	0+00.00	763590.04	728574.85							
10801	Gas Line Rd Cst ℄	PI	3+72.31	763217.73	728574.82	5°00'58" Lt	0°40'27"	8500.00'	744.14'	372.31'	8.15'	e=NC
	Gas Line Rd Cst ℄	PRC	7+44.14	762846.85	728607.34							
10802	Gas Line Rd Cst ℄	PI	11+16.04	762476.37	728639.82	5°00'58" Rt	0°40'27"	8500.00'	743.33'	371.90'	8.13'	e=NC
	Gas Line Rd Cst ℄	PT	14+87.46	762104.47	728639.82							
	Gas Line Rd Cst ℄	PC	19+81.76	761610.18	728639.82							
10803	Gas Line Rd Cst ℄	PI	23+40.53	761251.40	728639.82	5°13'13" Rt	0°43'41"	7870.00'	717.05'	358.77'	8.17'	e=NC
	Gas Line Rd Cst ℄	PRC	26+98.81	760894.12	728607.17							
10804	Gas Line Rd Cst ℄	PI	30+57.21	760537.20	728607.17	5°12'54" Lt	0°43'41"	7870.00'	716.30'	358.40'	8.16'	e=NC
10805	Gas Line Rd Cst ℄	PT	34+15.11	760178.80	728574.53							

NOTE:
THESE 15% PLANS CAPTURE THE DESIGN INTENT OF THE PROJECT BUT ARE SUBJECT TO CHANGE DURING FINAL DESIGN.

ADOT
HDR
STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L
GAS LINE ROAD
PLAN, TYPICAL & PROFILE
LEGEND
INTERSTATE 10
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

ADOT

HDR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

CASA BLANCA RD /SR 587 PLAN AND TYPICAL

MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates

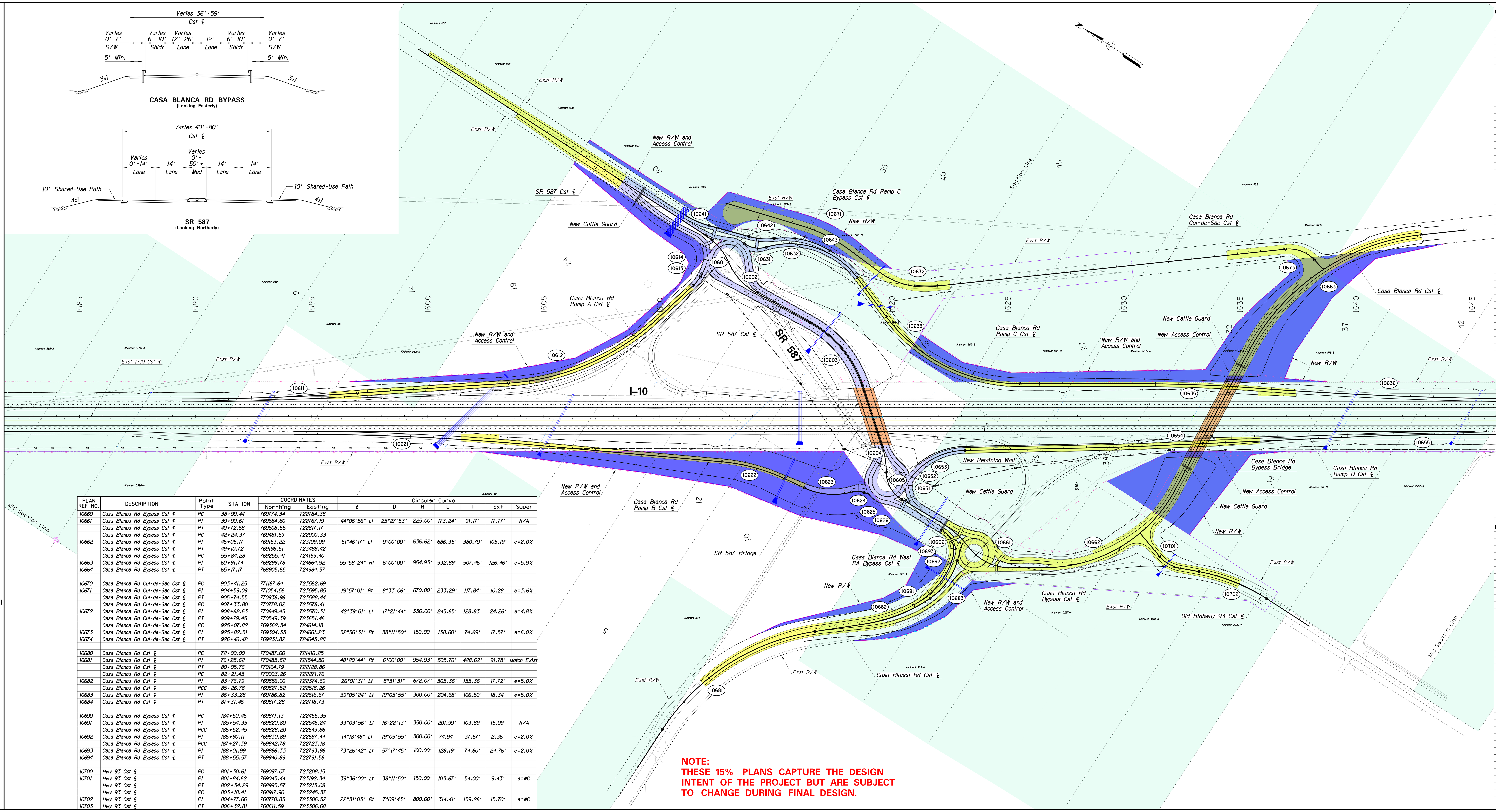
DESIGN DATA

LEGEND

- New Pavement (Asphalt)
- New Pavement (Concrete)
- New Bridge
- Rehabilitated Bridge
- Median Cable Barrier
- Fill Line
- Cut Line
- New FMS
- Full Access Control
- Temporary Construction Easements
- New R/W
- Allotment Parcels
- Mill & Overlay
- New R/W
- Exst R/W (Line) Exst Access Control (Hash Marks)
- Land Boundary
- Restricted Access Control

INTERSTATE 10

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR



PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	COORDINATES Easting	Circular Curve Δ	D	R	L	T	Ext	Super
10600	SR 587 Cst ℄	PC	20+13.39	771492.94	723303.67							
10601	SR 587 Cst ℄	PI	20+95.43	771410.91	723303.76	33°13'17" Rt	20°50'05"	275.00'	159.45'	82.04'	11.98'	e=NC
	SR 587 Cst ℄	PRC	21+72.84	771342.23	723258.89							
10602	SR 587 Cst ℄	PI	22+65.72	771264.48	723208.08	37°19'17" Lt	20°50'05"	275.00'	179.13'	92.87'	15.26'	e=NC
	SR 587 Cst ℄	PT	23+51.97	771171.86	723214.82							
	SR 587 Cst ℄	PC	26+17.11	770907.41	723234.05							
10603	SR 587 Cst ℄	PI	28+06.21	770718.82	723247.77	43°10'00" Rt	11°59'12"	478.00'	360.13'	189.09'	36.04'	e=NC
	SR 587 Cst ℄	PT	29+77.24	770571.88	723128.75							
	SR 587 Cst ℄	PC	32+54.76	770356.23	722954.08							
10604	SR 587 Cst ℄	PI	33+10.49	770312.92	722919.00	18°05'42" Rt	16°22'13"	350.00'	110.54'	55.73'	4.41'	e=NC
	SR 587 Cst ℄	PRC	33+65.29	770282.65	722872.21							
10605	SR 587 Cst ℄	PI	34+44.17	770239.81	722805.98	59°20'08" Lt	41°31'07"	138.00'	143.31'	78.88'	20.95'	e=NC
	SR 587 Cst ℄	PT	35+08.61	770161.00	722809.28							
	SR 587 Cst ℄	PC	37+01.70	769968.07	722817.37							
10606	SR 587 Cst ℄	PI	37+84.73	769885.13	722820.85	21°51'21" Rt	13°19'29"	430.00'	164.03'	83.02'	7.94'	e=NC
	SR 587 Cst ℄	PRC	38+65.73	769806.84	722793.19							
10607	SR 587 Cst ℄	PI	38+82.62	769790.92	722787.57	8°35'04" Rt	25°27'53"	225.00'	33.71'	16.89'	0.63'	e=NC
10608	SR 587 Cst ℄	PT	38+99.44	769774.34	722784.38							
10610	Casa Blanca Rd Ramp A Cst ℄	PC	499+99.88	772999.53	721482.91							
10611	Casa Blanca Rd Ramp A Cst ℄	PI	503+78.39	772682.06	721689.02	3°47'01" Lt	0°30'00"	11459.16'	756.75'	378.51'	6.25'	e=2.0%
	Casa Blanca Rd Ramp A Cst ℄	PT	507+56.63	772378.88	721915.64							
	Casa Blanca Rd Ramp A Cst ℄	PC	514+09.22	771856.18	722306.34							
10612	Casa Blanca Rd Ramp A Cst ℄	PI	517+79.40	771559.67	722527.97	39°07'32" Lt	5°30'0"	1041.74'	711.37'	370.18'	63.82'	e=5.8%
	Casa Blanca Rd Ramp A Cst ℄	PT	521+20.59	771469.50	722887.01							
	Casa Blanca Rd Ramp A Cst ℄	PC	523+32.67	771417.84	723092.70							
10613	Casa Blanca Rd Ramp A Cst ℄	PI	523+81.86	771405.86	723140.41	27°38'01" Lt	28°38'52"	200.00'	96.46'	49.19'	5.96'	e=2.0%
	Casa Blanca Rd Ramp A Cst ℄	PT	524+29.13	771417.38	723188.23							
	Casa Blanca Rd Ramp A Cst ℄	PC	524+88.65	771431.31	723246.09							
10614	Casa Blanca Rd Ramp A Cst ℄	PI	525+14.83	771437.43	723271.54	34°37'08" Rt	68°12'33"	84.00'	50.75'	26.18'	3.98'	N/A
10615	Casa Blanca Rd Ramp A Cst ℄	PT	525+39.40	771428.02	723295.97							
10620	Casa Blanca Rd Ramp B Cst ℄	PC	400+00.00	772510.05	721619.47							
10621	Casa Blanca Rd Ramp B Cst ℄	PI	405+09.97	772082.32	721897.17	5°05'47" Rt	0°30'00"	11459.16'	1,019.27'	509.97'	11.34'	e=2.0%
	Casa Blanca Rd Ramp B Cst ℄	PT	410+19.27	771631.61	722135.78							
	Casa Blanca Rd Ramp B Cst ℄	PC	418+47.53	770899.60	722523.30							
10622	Casa Blanca Rd Ramp B Cst ℄	PI	419+89.30	770774.30	722589.64	19°56'25" Rt	7°06'15"	806.51'	280.68'	141.78'	12.37'	e=4.9%
	Casa Blanca Rd Ramp B Cst ℄	PT	421+28.21	770633.89	722609.26							
	Casa Blanca Rd Ramp B Cst ℄	PC	422+21.28	770541.72	722622.15							
10623	Casa Blanca Rd Ramp B Cst ℄	PI	423+30.74	770433.31	722637.30	40°05'26" Lt	19°05'55"	300.00'	209.91'	109.46'	19.35'	e=2.6%
	Casa Blanca Rd Ramp B Cst ℄	PRC	424+31.20	770360.13	722718.70							
10624	Casa Blanca Rd Ramp B Cst ℄	PI	424+58.48	770341.89	722738.99	33°43'55" Rt	63°39'43"	90.00'	52.99'	27.29'	4.05'	e=2.0%
	Casa Blanca Rd Ramp B Cst ℄	PT	424+84.18	770315.45	722745.74							
	Casa Blanca Rd Ramp B Cst ℄	PC	425+08.26	770292.12	722751.69							
10625	Casa Blanca Rd Ramp B Cst ℄	PI	425+31.86	770269.26	722757.53	6°55'13" Rt	14°40'57"	390.23'	47.13'	23.59'	0.71'	N/A
	Casa Blanca Rd Ramp B Cst ℄	PRC	425+55.39	770245.86	722760.56							
10626	Casa Blanca Rd Ramp B Cst ℄	PI	426+02.39	770199.25	722766.61	59°38'20" Lt	69°52'22"	82.00'	85.35'	47.00'	12.51'	N/A
10627	Casa Blanca Rd Ramp B Cst ℄	PT	426+40.75	770180.92	722809.89							

PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	COORDINATES Easting	Circular Curve Δ	D	R	L	T	Ext	Super
10660	Casa Blanca Rd Bypass Cst ℄	PC	38+99.44	769774.34	722784.38							
10661	Casa Blanca Rd Bypass Cst ℄	PI	39+90.61	769684.80	722767.19	44°06'56" Lt	25°27'53"	225.00'	173.24'	91.17'	17.77'	N/A
	Casa Blanca Rd Bypass Cst ℄	PT	40+72.68	769608.55	722817.17							
	Casa Blanca Rd Bypass Cst ℄	PC	42+24.37	769481.69	722900.33							
10662	Casa Blanca Rd Bypass Cst ℄	PI	46+05.17	769163.22	723109.09	61°46'17" Lt	9°00'00"	636.62'	686.35'	380.79'	105.19'	e=2.0%
	Casa Blanca Rd Bypass Cst ℄	PT	49+10.72	769196.51	723488.42							
	Casa Blanca Rd Bypass Cst ℄	PC	55+84.28	769255.41	724159.40							
10663	Casa Blanca Rd Bypass Cst ℄	PI	60+91.74	769299.78	724664.92	55°58'24" Rt	6°00'00"	954.93'	932.89'	507.46'	126.46'	e=5.9%
10664	Casa Blanca Rd Bypass Cst ℄	PT	65+17.17	768905.65	724984.57							
10670	Casa Blanca Rd Cul-de-Sac Cst ℄	PC	903+41.25	771167.64	723562.69							
10671	Casa Blanca Rd Cul-de-Sac Cst ℄	PI	904+59.09	771054.56	723595.85	19°57'01" Rt	8°33'06"	670.00'	233.29'	117.84'	10.28'	e=3.6%
	Casa Blanca Rd Cul-de-Sac Cst ℄	PT	905+74.55	770936.96	723588.44							
	Casa Blanca Rd Cul-de-Sac Cst ℄	PC	907+33.80	770778.02	723578.41							
10672	Casa Blanca Rd Cul-de-Sac Cst ℄	PI	908+62.63	770649.45	723570.31	42°39'01" Lt	17°21'44"	330.00'	245.65'	128.83'	24.26'	e=4.8%
	Casa Blanca Rd Cul-de-Sac Cst ℄	PT	909+79.45	770549.39	723651.46							
	Casa Blanca Rd Cul-de-Sac Cst ℄	PC	925+07.82	769362.34	724614.18							
10673	Casa Blanca Rd Cul-de-Sac Cst ℄	PI	925+82.51	769304.33	724661.23	52°56'31" Rt	38°11'50"	150.00'	138.60'	74.69'	17.57'	e=6.0%
10674	Casa Blanca Rd Cul-de-Sac Cst ℄	PT	926+46.42	769231.82	724643.28							
10680	Casa Blanca Rd Cst ℄	PC	72+00.00	770487.00	721416.25							
10681	Casa Blanca Rd Cst ℄	PI	76+28.62	770485.82	721844.86	48°20'44" Rt	6°00'00"	954.93'	805.76'	428.62'	91.78'	Match Exist
	Casa Blanca Rd Cst ℄	PT	80+05.76	770164.79	722128.86							
	Casa Blanca Rd Cst ℄	PC	82+21.43	770003.26	722271.76							
10682	Casa Blanca Rd Cst ℄	PI	83+76.79	769886.90	722374.69	26°01'31" Lt	8°31'31"	672.07'	305.36'	155.36'	17.72'	e=5.0%
	Casa Blanca Rd Cst ℄	PCC	85+26.78	769827.52	722518.26							
10683	Casa Blanca Rd Cst ℄	PI	86+33.28	769786.82	722616.67	39°05'24" Lt	19°05'55"	300.00'	204.68'	106.50'	18.34'	e=5.0%
10684	Casa Blanca Rd Cst ℄	PT	87+31.46	769817.28	722718.73							
10690	Casa Blanca Rd Bypass Cst ℄	PC	184+50.46	769871.13	722455.35							
10691	Casa Blanca Rd Bypass Cst ℄	PI	185+54.35	769820.80	722546.24	33°03'56" Lt	16°22'13"	350.00'	201.99'	103.89'	15.09'	N/A
	Casa Blanca Rd Bypass Cst ℄	PCC	186+52.45	769828.20	722649.86							
10692	Casa Blanca Rd Bypass Cst ℄	PI	186+90.11	769830.89	722687.44	14°18'48" Lt	19°05'55"	300.00'	74.94'	37.67'	2.36'	e=2.0%
	Casa Blanca Rd Bypass Cst ℄	PCC	187+27.39	769842.78	722723.18							
10693	Casa Blanca Rd Bypass Cst ℄	PI	188+01.99	769866.33	722793.96	73°26'42" Lt	57°17'45"	100.00'	128.19'	74.60'	24.76'	e=2.0%
10694	Casa Blanca Rd Bypass Cst ℄	PT	188+55.57	769940.89	722791.56							
10700	Hwy 93 Cst ℄	PC	801+30.61	769097.07	723208.15							
10701	Hwy 93 Cst ℄	PI	801+84.62	769045.44	723192.34	39°36'00" Lt	38°11'50"	150.00'	103.67'	54.00'	9.43'	e=NC
	Hwy 93 Cst ℄	PT	802+34.29	768995.57	723213.08							
	Hwy 93 Cst ℄	PC	803+18.41	768917.90	723245.37							
10702	Hwy 93 Cst ℄	PI	804+77.66	768770.85	723306.52	22°31'03" Rt	7°09'43"	800.00'	314.41'	159.26'	15.70'	e=NC
10703	Hwy 93 Cst ℄	PT	806+32.81	768611.59	723306.68							

PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	COORDINATES Easting	Circular Curve Δ	D	R	L	T	Ext	Super
10630	Casa Blanca Rd Ramp C Cst ℄	PC	200+00.00	771330.55	723364.24							
10631	Casa Blanca Rd Ramp C Cst ℄	PI	200+52.46	771278.10	723362.72	50°59'49" Lt	52°05'13"	110.00'	97.91'	52.46'	11.87'	N/A
	Casa Blanca Rd Ramp C Cst ℄	PRC	200+97.91	771243.92	723402.52							
10632	Casa Blanca Rd Ramp C Cst ℄	PI	203+49.66	771079.88	723593.48	69°37'57" Rt	15°49'39"	362.00'	439.95'	251.75'	78.93'	e=4.6%
	Casa Blanca Rd Ramp C Cst ℄	PT	205+37.85	770843.76	723506.16							
	Casa Blanca Rd Ramp C Cst ℄	PC	207+47.28	770647.33	723433.52							
10633	Casa Blanca Rd Ramp C Cst ℄	PI	211+08.63	770308.41	723308.18	53°17'20" Lt	7°57'20"	720.21'	669.84'	361.35'	85.57'	e=4.8%
	Casa Blanca Rd Ramp C Cst ℄	PT	214+17.12	770005.33	723504.95							
	Casa Blanca Rd Ramp C Cst ℄	PC	219+36.98	769569.31	723788.03							
10634	Casa Blanca Rd Ramp C Cst ℄	PI	221+90.76	769356.45	723926.23	4°24'47" Rt	0°52'11"	6586.86'	507.33'	253.79'	4.89'	e=2.0%
	Casa Blanca Rd Ramp C Cst ℄	PRC	224+44.30	769133.59	724047.64							
10635	Casa Blanca Rd Ramp C Cst ℄	PI	225+26.65	769061.27	724087.03	0°49'24" Lt	0°30'00"	11459.16'	164.69'	82.35'	0.30'	e=2.0%
	Casa Blanca Rd Ramp C Cst ℄	PT	226+09.00	768989.53	724127.46							
	Casa Blanca Rd Ramp C Cst ℄	PC	226+09.00	768989.53	724127.46							
10636	Casa Blanca Rd Ramp C Cst ℄	PI	231+59.73	768509.74	724397.85	3°35'22" Lt	0°19'34"	17576.03'	1,101.12'	550.74'	8.63'	e=2.0%
10637	Casa Blanca Rd Ramp C Cst ℄	PT	237+10.11	768047.82	724697.75							
10640	Casa Blanca Ramp C Bypass Cst ℄	PC	700+00.00	771618.72	723327.54							
10641	Casa Blanca Ramp C Bypass Cst ℄	PI	700+60.31	771558.41	723327.61	17°40'16" Lt	14°46'01"	388.00'	119.67'	60.31'	4.66'	e=2.0%
	Casa Blanca Ramp C Bypass Cst ℄	PT	701+19.67	771500.96	723345.97							
	Casa Blanca Ramp C Bypass Cst ℄	PC	702+97.77	771331.32	723400.21							
10642	Casa Blanca Ramp C Bypass Cst ℄	PI	703+54.03	771277.73	723417.35	22°06'30" Lt	19°53'40"	288.00'	111.13'	56.26'	5.44'	e=2.0%
	Casa Blanca Ramp C Bypass Cst ℄	PRC	704+08.90	771234.53	723453.39							
10643	Casa Blanca Ramp C Bypass Cst ℄	PI	705+36.85	771136.28	723535.36	37°57'41" Rt	15°24'08"	372.00'	246.47'	127.95'	21.39'	e=2.0%
10645	Casa Blanca Ramp C Bypass Cst ℄	PT	706+55.37	771008.40	723539.56							
10650	Casa Blanca Rd Ramp D Cst ℄	PC	300+00.00	770180.92	722809.89							
10651	Casa Blanca Rd Ramp D Cst ℄	PI	300+26.61	770170.53	722834.39	35°57'43" Lt	69°52'22"	82.00'	51.47'	26.61'	4.21'	N/A
	Casa Blanca Rd Ramp D Cst ℄	PRC	300+51.47	770176.52	722860.32							
10652	Casa Blanca Rd Ramp D Cst ℄	PI	300+73.07	770181.38	722881.38	16°14'59" Rt	37°51'32"	151.34'	42.92'	21.61'	1.53'	N/A
	Casa Blanca Rd Ramp D Cst ℄	PCC	300+94.39	770180.15	722902.95							
10653	Casa Blanca Rd Ramp D Cst ℄	PI	300+42.63	770171.74	723050.95	52°35'29" Rt	19°05'55"	300.00'	275.37'	148.24'	34.63'	e=5.0%
	Casa Blanca Rd Ramp D Cst ℄	PT	303+69.76	770049.06	723134.18							
	Casa Blanca Rd Ramp D Cst ℄	PC	309+10.41	769601.66	723437.72							
10654	Casa Blanca Rd Ramp D Cst ℄	PI	310+48.47	769487.41	723515.23	1°22'45" Lt	0°29'58"	11470.00'	276.11'	138.06'	0.83'	e=2.0%
	Casa Blanca Rd Ramp D Cst ℄	PT	311+86.52	769375.06	723595.47							
	Casa Blanca Rd Ramp D Cst ℄	PC	320+55.42	768667.98	724100.46							
10655	Casa Blanca Rd Ramp D Cst ℄	PI	323+09.55	768461.17	724248.16	2°32'27" Rt	0°30'00"	11459.16'	508.18'	254.13'	2.82'	e=2.0%
10656	Casa Blanca Rd Ramp D Cst ℄	PT	325+63.60	768248.02	724386.54							
	Casa Blanca Rd Ramp D Cst ℄	PI	332+63.60	767660.91	724767.72	N/A	N/A	N/A	N/A	N/A	N/A	

NOTE:
THESE 15% PLANS CAPTURE THE DESIGN INTENT OF THE PROJECT BUT ARE SUBJECT TO CHANGE DURING FINAL DESIGN.

ADOT

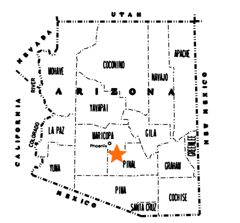
HDR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

CASA BLANCA RD /SR 587 PLAN AND TYPICAL

Jul. 12, 2022



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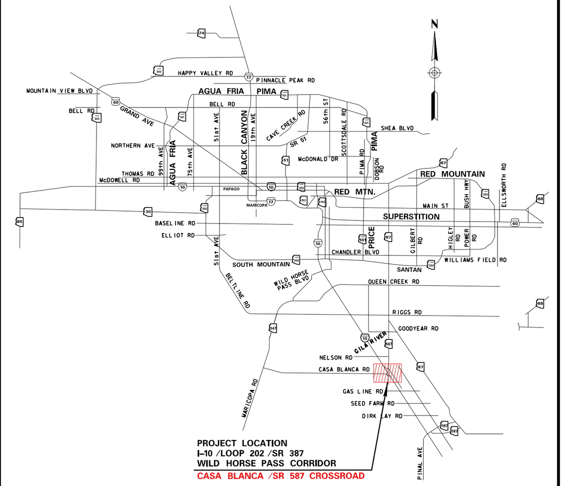
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

CASA BLANCA RD PROFILES



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

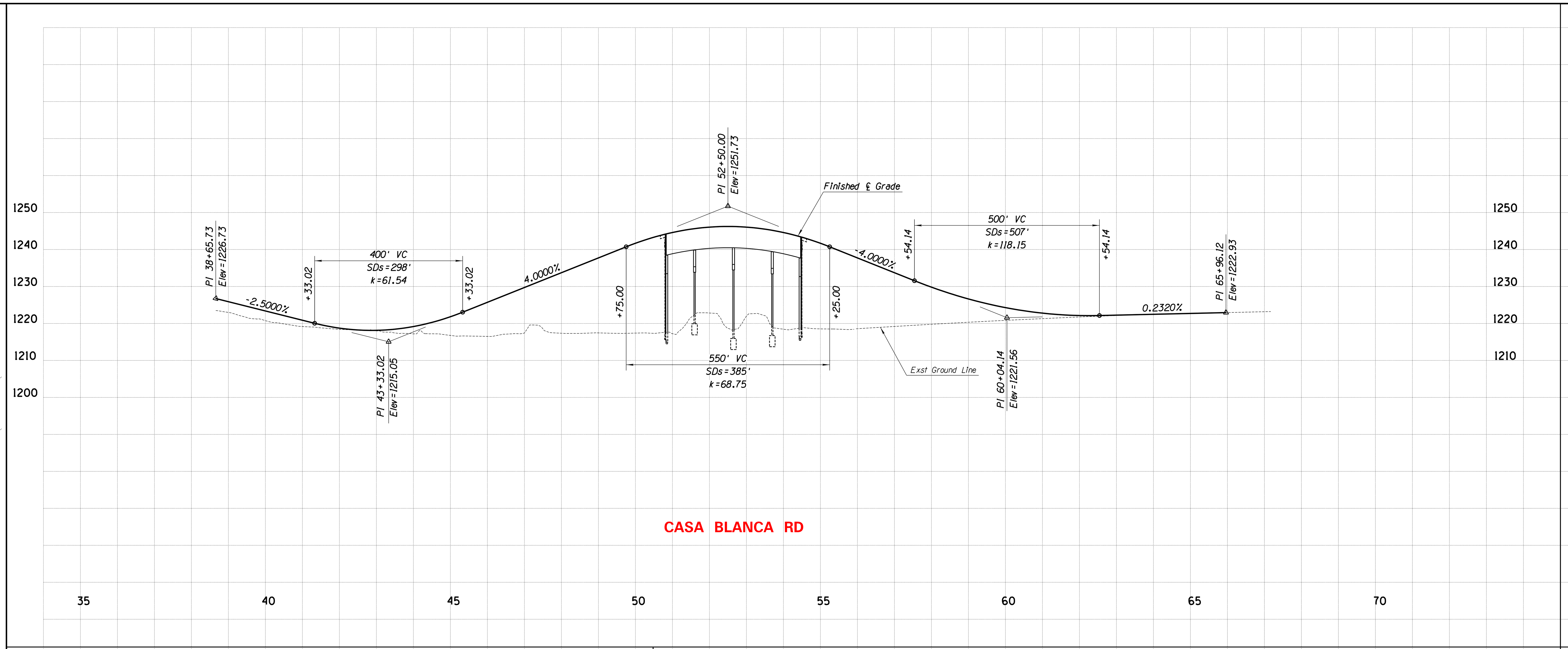
Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

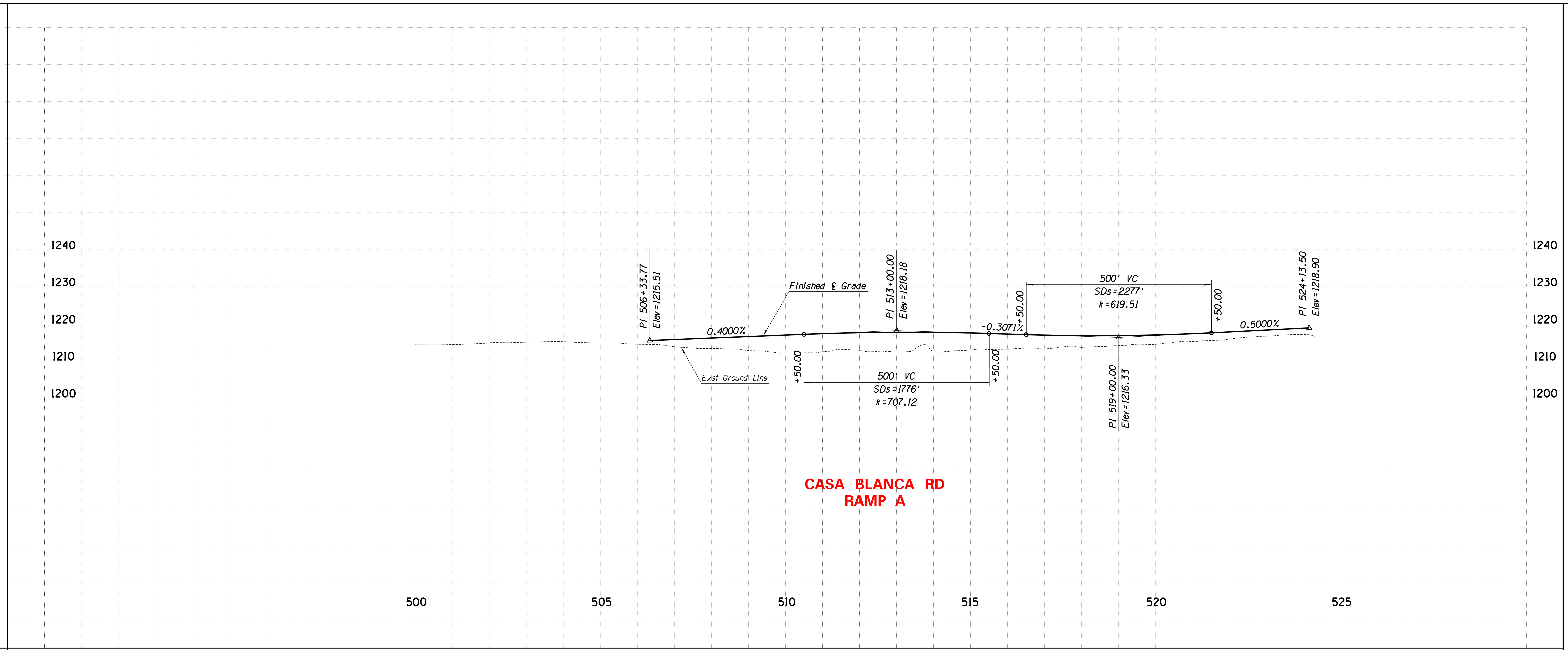
LEGEND

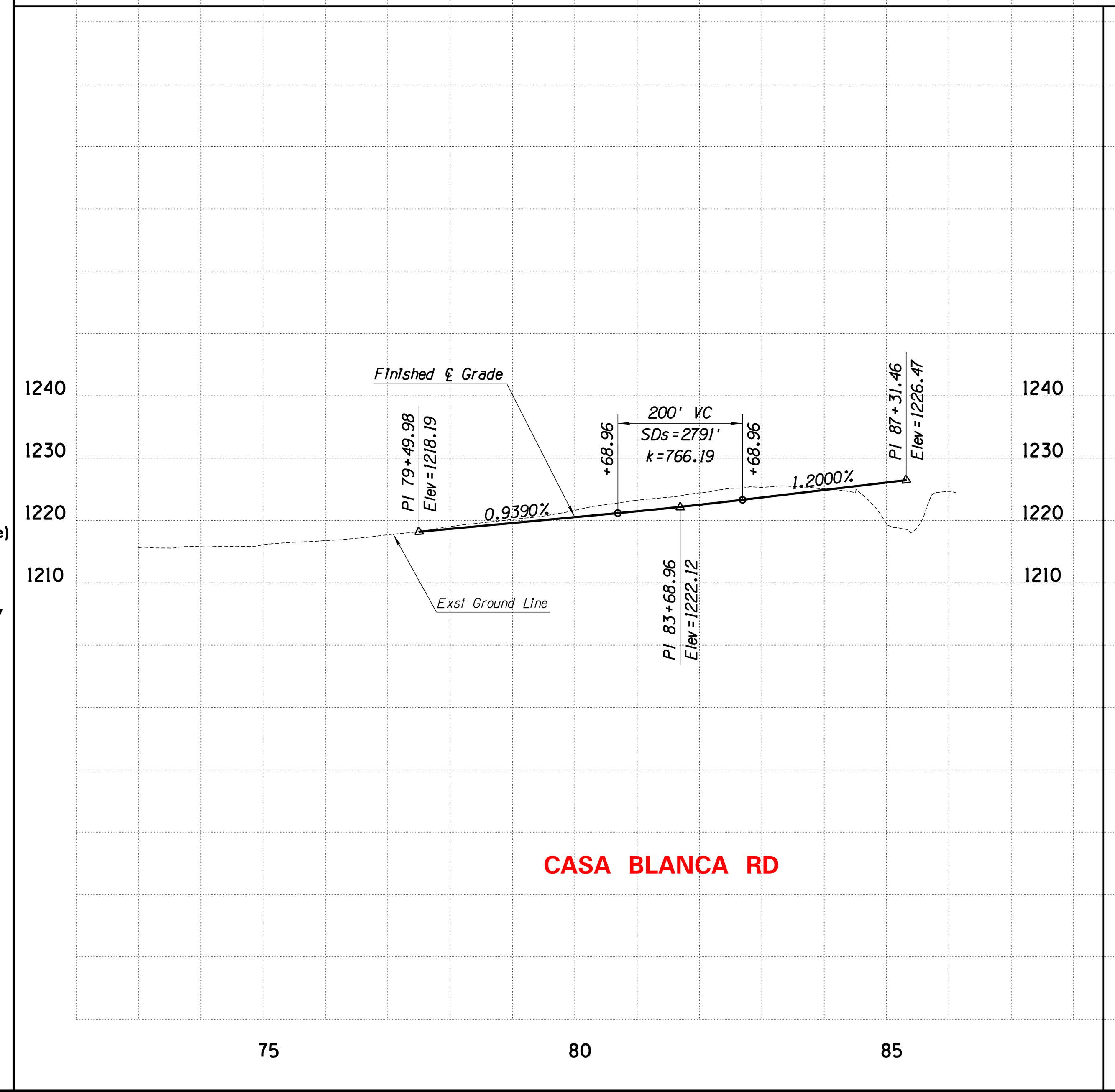
New Pavement (Asphalt)	Temporary Construction Easements
New Pavement (Concrete)	New R/W
New Bridge	Allotment Parcels
Rehabilitated Bridge	Mill & Overlay
Median Cable Barrier	New R/W
Fill Line	Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line	Land Boundary
New FMS	Restricted Access Control
Full Access Control	

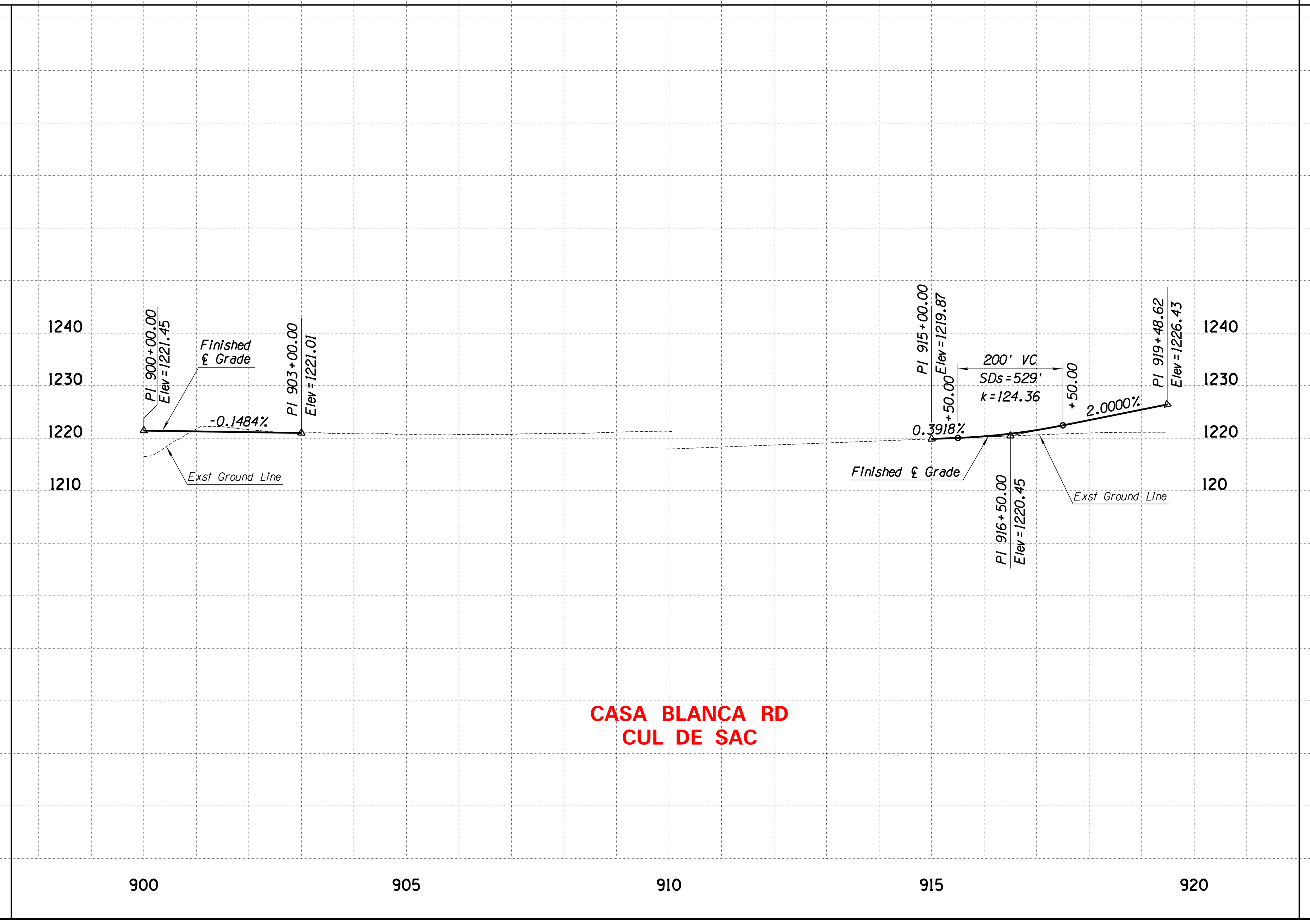
100 0 100 200
SCALE IN FEET

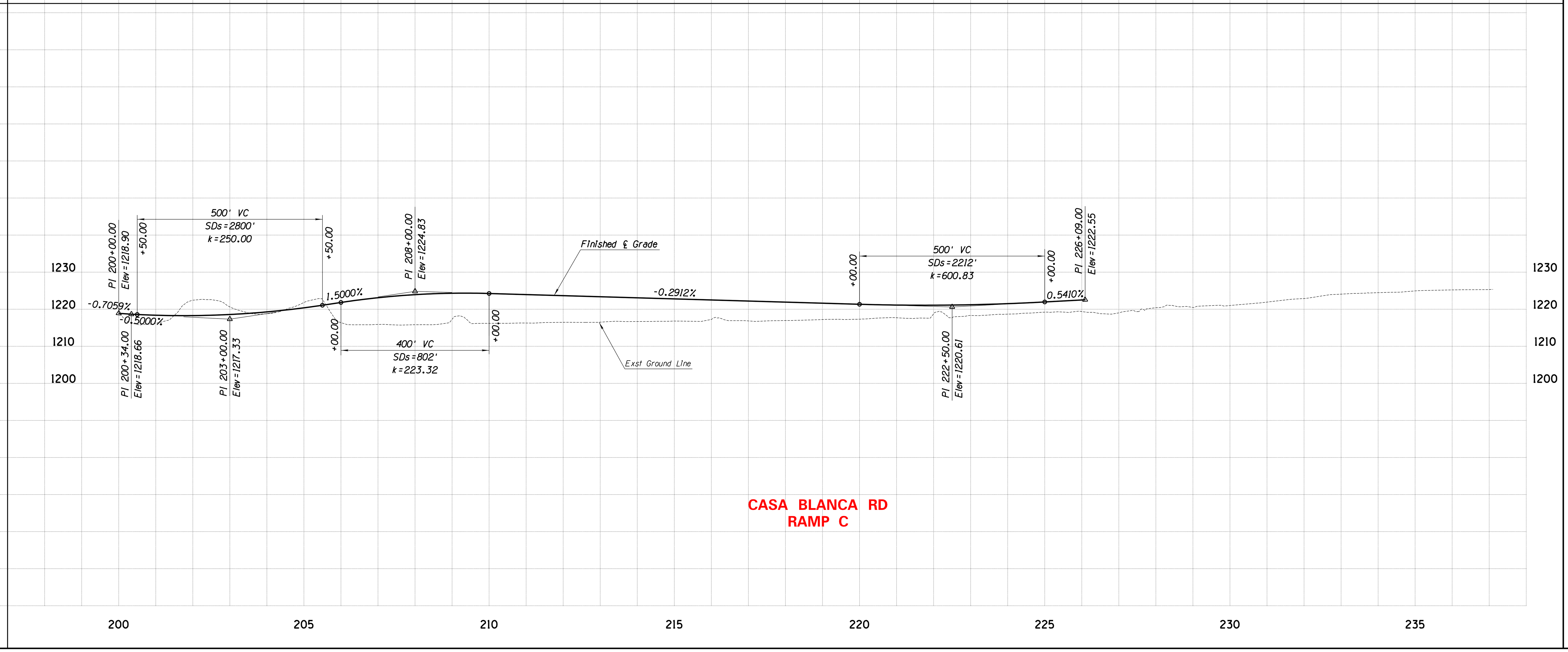
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR











ADOT

HDR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

CASA BLANCA RD PROFILES

MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

LEGEND

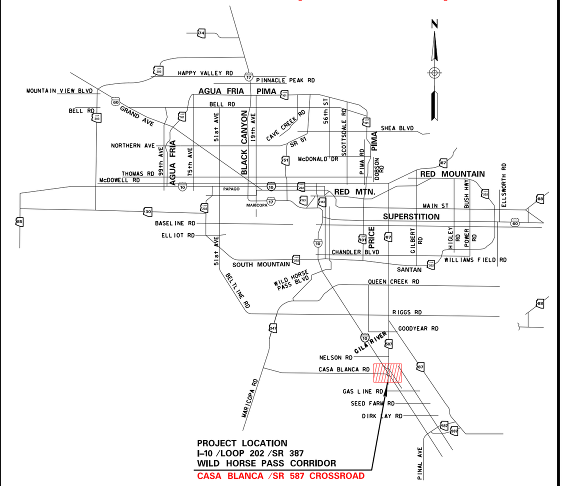
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul. 12, 2022

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

CASA BLANCA RD
PROFILES – (continued)



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

LEGEND

New Pavement (Asphalt)	Temporary Construction Easements
New Pavement (Concrete)	New R/W
New Bridge	Allottment Parcels
Rehabilitated Bridge	Mill & Overlay
Median Cable Barrier	New R/W
Fill Line	Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line	
New FMS	Land Boundary
Full Access Control	Restricted Access Control

100 0 100 200
SCALE IN FEET

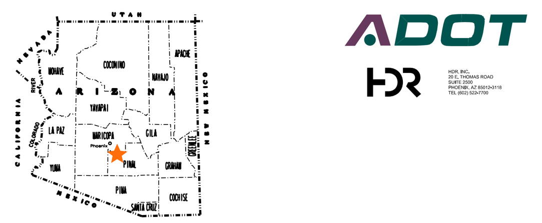
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

CASA BLANCA RD
PROFILES – (continued)

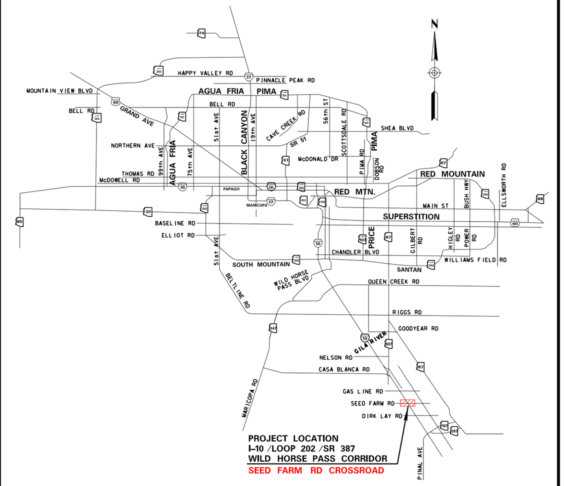
Jul. 12, 2022



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

SEED FARM ROAD PLAN, TYPICAL AND PROFILE



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000

DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)

Design Speed:
(North of MP 165.20)
Mainline = 65 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

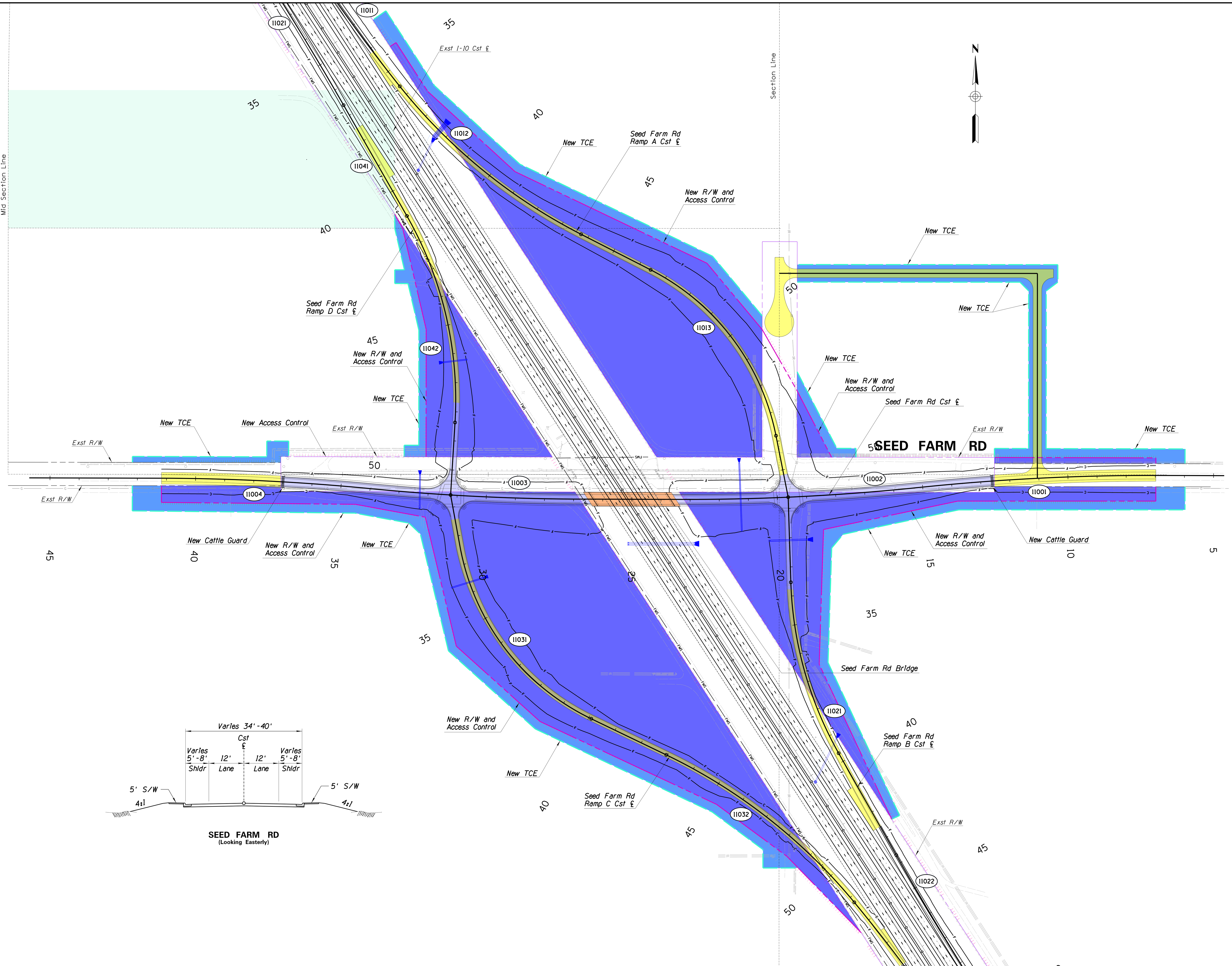
Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

LEGEND

- New Pavement (Asphalt)
- Temporary Construction Easements
- New Pavement (Concrete)
- New R/W
- New Bridge
- Allottment Parcels
- Rehabilitated Bridge
- Mill & Overlay
- Median Cable Barrier
- New R/W
- Fill Line
- Exst R/W (Line) Exst Access Control (Hash Marks)
- Cut Line
- New FMS
- Land Boundary
- Full Access Control
- Restricted Access Control

100 0 100 200
SCALE IN FEET

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR



NOTE:
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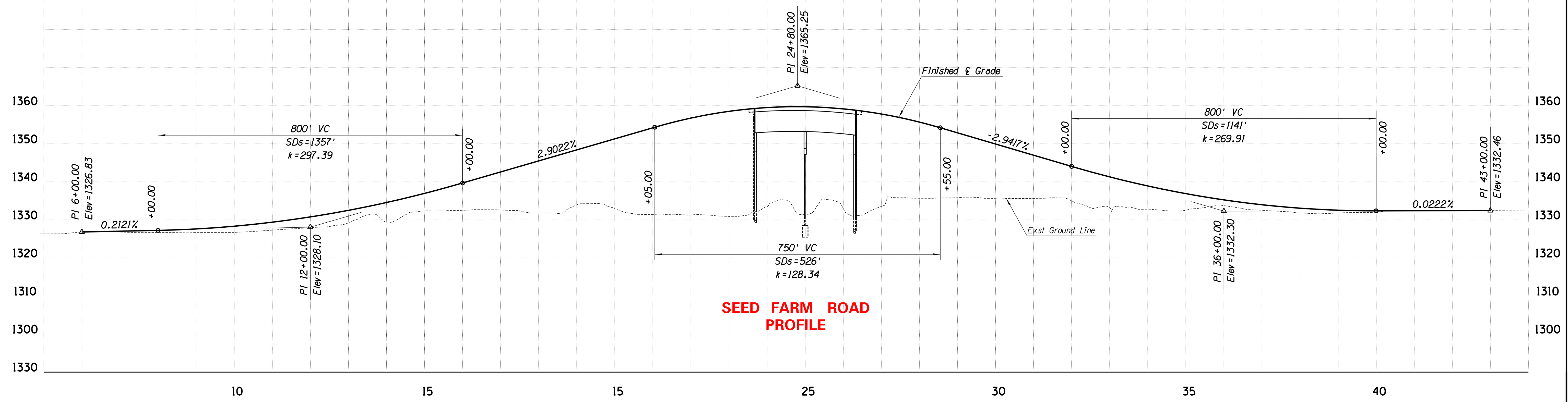
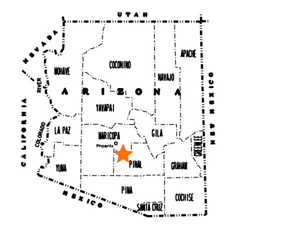


PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	COORDINATES Easting	Circular Curve Δ	D	R	L	T	Ext	Super
11000	Seed Farm Rd Cst ℄	PC	6+98.17	754647.13	735159.37							
11001	Seed Farm Rd Cst ℄	PI	11+05.03	754648.21	734752.51	6°05'50" Lt	0°45'0"	7639.44'	812.96'	406.86'	10.83'	e=NC
	Seed Farm Rd Cst ℄	PRC	15+11.13	754606.07	734347.83							
11002	Seed Farm Rd Cst ℄	PI	19+17.99	754563.93	733943.16	6°05'50" Rt	0°45'0"	7639.44'	812.96'	406.86'	10.83'	e=NC
	Seed Farm Rd Cst ℄	PT	23+24.08	754565.02	733536.30							
	Seed Farm Rd Cst ℄	PC	26+76.71	754565.95	733183.67							
11003	Seed Farm Rd Cst ℄	PI	30+37.30	754566.91	732823.08	5°24'17" Rt	0°45'0"	7639.44'	720.65'	360.59'	8.51'	e=NC
	Seed Farm Rd Cst ℄	PRC	33+97.36	754601.83	732464.18							
11004	Seed Farm Rd Cst ℄	PI	37+57.95	754636.75	732105.29	5°24'17" Lt	0°45'0"	7639.44'	720.65'	360.59'	8.51'	e=NC
11005	Seed Farm Rd Cst ℄	PT	41+18.01	754637.71	731744.70							
11010	Seed Farm Rd Ramp A Cst ℄	PC	27+82.00	756624.10	732114.46							
11011	Seed Farm Rd Ramp A Cst ℄	PI	31+38.99	756324.69	732308.85	3°34'07" Lt	0°30'0"	11459.16'	713.74'	356.99'	5.56'	e=2.0%
	Seed Farm Rd Ramp A Cst ℄	PCC	34+95.74	756037.95	732521.51							
11012	Seed Farm Rd Ramp A Cst ℄	PI	39+42.95	755678.75	732787.90	26°21'27" Lt	3°00'0"	1909.86'	878.59'	447.21'	51.66'	e=4.4%
	Seed Farm Rd Ramp A Cst ℄	PT	43+74.33	755475.16	733186.08							
	Seed Farm Rd Ramp A Cst ℄	PC	46+42.64	755353.02	733424.98							
11013	Seed Farm Rd Ramp A Cst ℄	PI	50+39.14	755172.52	733778.01	51°41'34" Rt	7°00'0"	818.51'	738.47'	396.50'	90.98'	e=4.6%
11014	Seed Farm Rd Ramp A Cst ℄	PT	53+81.11	754783.60	733855.20							
11020	Seed Farm Rd Ramp B Cst ℄	PC	33+52.94	754280.33	733906.24							
11021	Seed Farm Rd Ramp B Cst ℄	PI	36+46.53	753986.89	733915.43	25°58'08" Lt	4°30'0"	1273.24'	577.09'	293.59'	33.41'	e=5.4%
	Seed Farm Rd Ramp B Cst ℄	PCC	39+30.03	753727.10	734052.19							
11022	Seed Farm Rd Ramp B Cst ℄	PI	44+53.42	753263.96	734295.99	5°13'49" Lt	0°30'0"	11459.16'	1,046.06'	523.39'	11.95'	e=2.0%
11023	Seed Farm Rd Ramp B Cst ℄	PT	49+76.08	752824.97	734.581.00							
11030	Seed Farm Rd Ramp C Cst ℄	PC	32+38.58	754402.16	732770.65							
11031	Seed Farm Rd Ramp C Cst ℄	PI	36+55.8	753992.46	732845.59	53°56'19" Lt	7°00'0"	818.51'	770.55'	416.50'	99.87'	e=4.6%
	Seed Farm Rd Ramp C Cst ℄	PT	40+09.13	753811.87	733220.90							
	Seed Farm Rd Ramp C Cst ℄	PC	42+95.03	753687.91	733478.53							
11032	Seed Farm Rd Ramp C Cst ℄	PI	47+57.02	753487.60	733894.83	27°11'48" Rt	3°00'0"	1909.86'	906.55'	461.98'	55.08'	e=4.4%
	Seed Farm Rd Ramp C Cst ℄	PCC	52+01.58	753119.17	734173.56							
11033	Seed Farm Rd Ramp C Cst ℄	PI	56+13.24	752790.87	734421.91	4°06'53" Rt	0°30'0"	11459.16'	822.95'	411.65'	7.39'	e=2.0%
11034	Seed Farm Rd Ramp C Cst ℄	PT	60+24.53	752445.61	734646.08							
11040	Seed Farm Rd Ramp D Cst ℄	PC	30+50.00	756439.40	732053.15							
11041	Seed Farm Rd Ramp D Cst ℄	PI	33+55.16	756183.15	732218.87	3°03'03" Rt	0°30'0"	11459.16'	610.18'	305.16'	4.06'	e=2.0%
	Seed Farm Rd Ramp D Cst ℄	PT	36+60.18	755918.45	732370.72							
	Seed Farm Rd Ramp D Cst ℄	PC	40+98.12	755538.19	732587.96							
11042	Seed Farm Rd Ramp D Cst ℄	PI	44+78.07	755208.28	732776.43	33°13'55" Rt	4°30'0"	1273.24'	738.49'	379.96'	55.48'	e=5.4%
11043	Seed Farm Rd Ramp D Cst ℄	PT	48+36.61	754829.03	732753.28							

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L
SEED FARM ROAD PLAN, TYPICAL AND PROFILE
MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
Y=777,000
DESIGN DATA
I-10 2019 ADT = 69,800 (South End) to 124,000 (North End)
I-10 2040 ADT = 141,000 (South End) to 197,000 (North End)
LEGEND
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul, 12, 2022



ADOT

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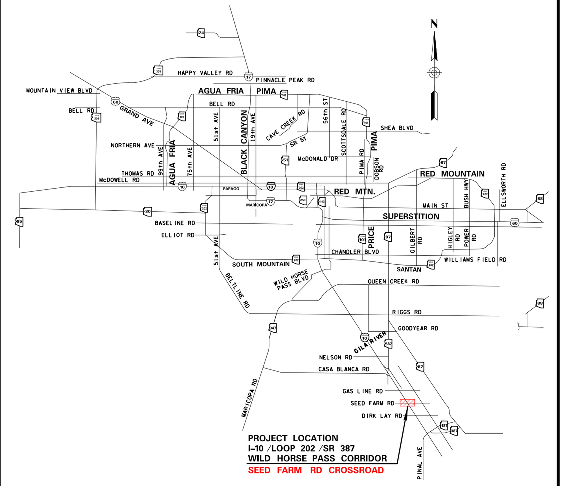
STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

SEED FARM RD
RAMP PROFILES



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
X=719,000
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DESIGN DATA
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Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal (DDI) = 20 MPH

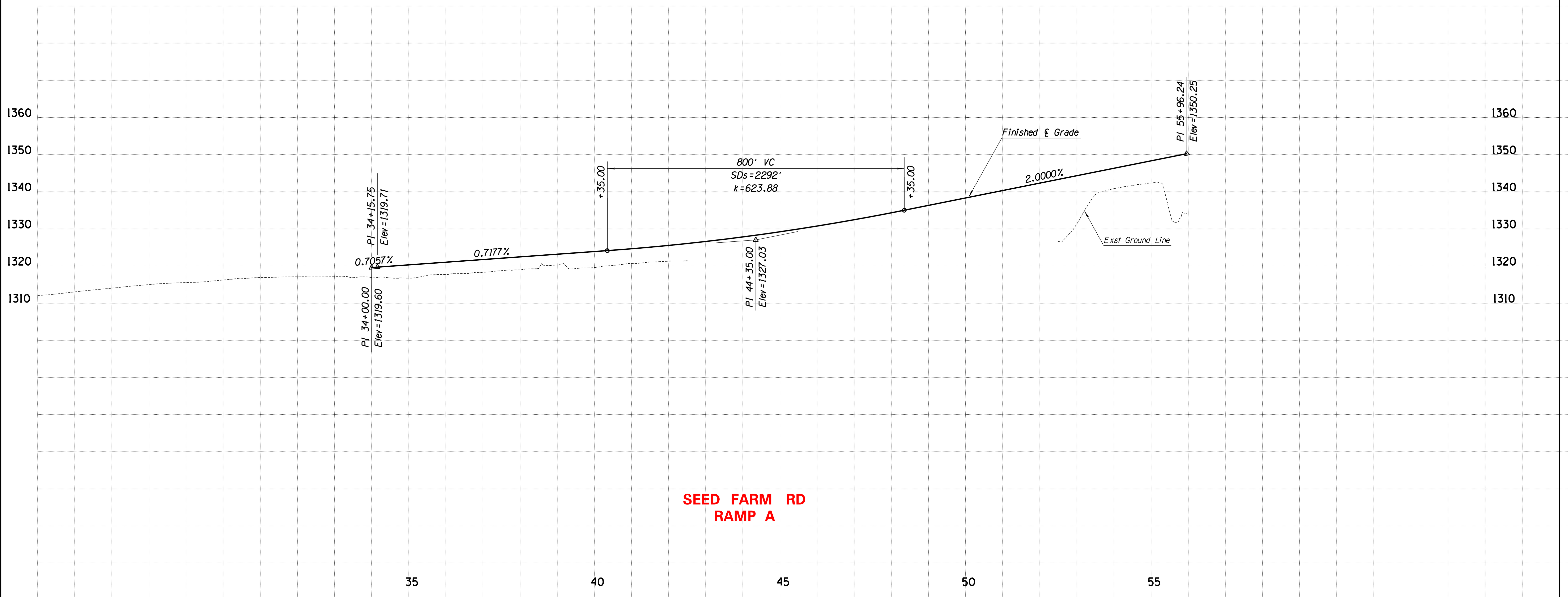
(South of MP 165.20)
Mainline = 75 MPH (Posted)
On Ramp Gore = 60 MPH
Off Ramp Gore = 65 MPH
Ramp Body = 50 MPH
Ramp Terminal = 35 MPH

Crossroad (Grade Separations) = 55 MPH
Crossroad (Gas Line Rd) = 50 MPH
Crossroad (TI) = 45 MPH
Crossroad (DDI) = 35 MPH
Crossroad (Casa Blanca) = 25 MPH

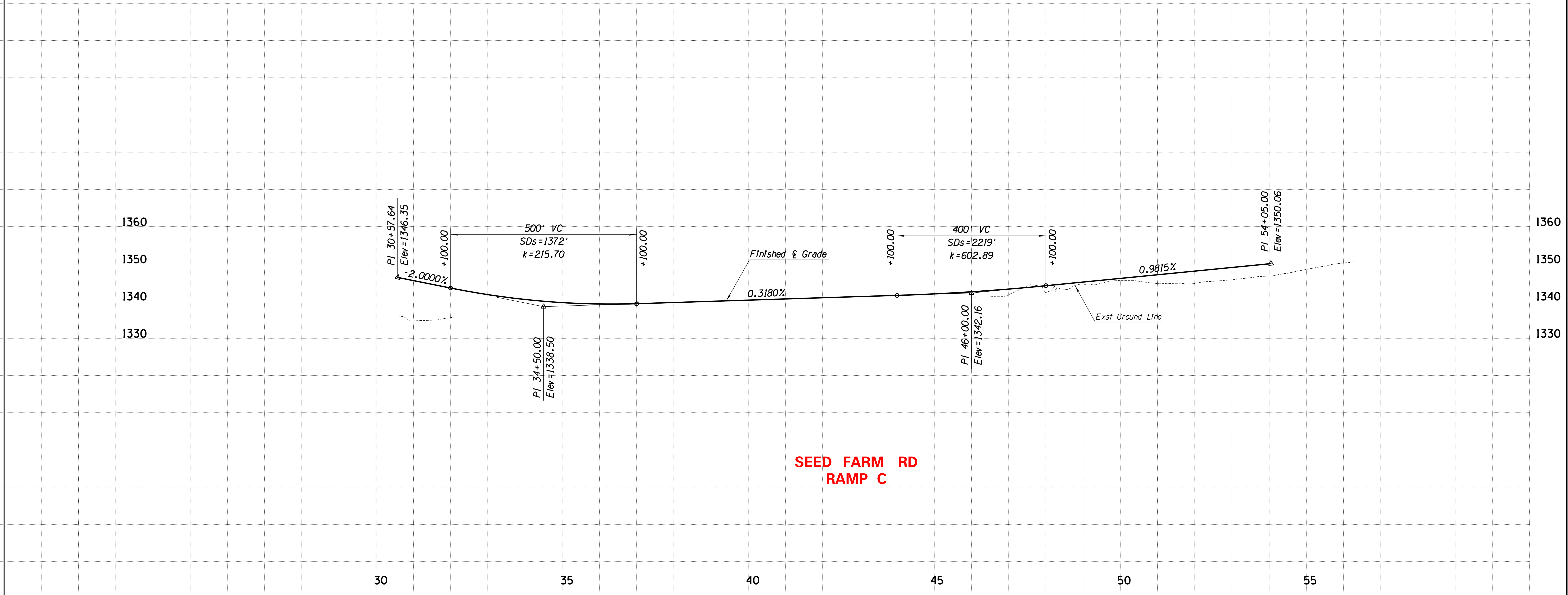
LEGEND

New Pavement (Asphalt)
Temporary Construction Easements
New Pavement (Concrete)
New R/W
New Bridge
Allottment Parcels
Rehabilitated Bridge
Mill & Overlay
Median Cable Barrier
New R/W
Fill Line
Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line
New FMS
Land Boundary
Full Access Control
Restricted Access Control

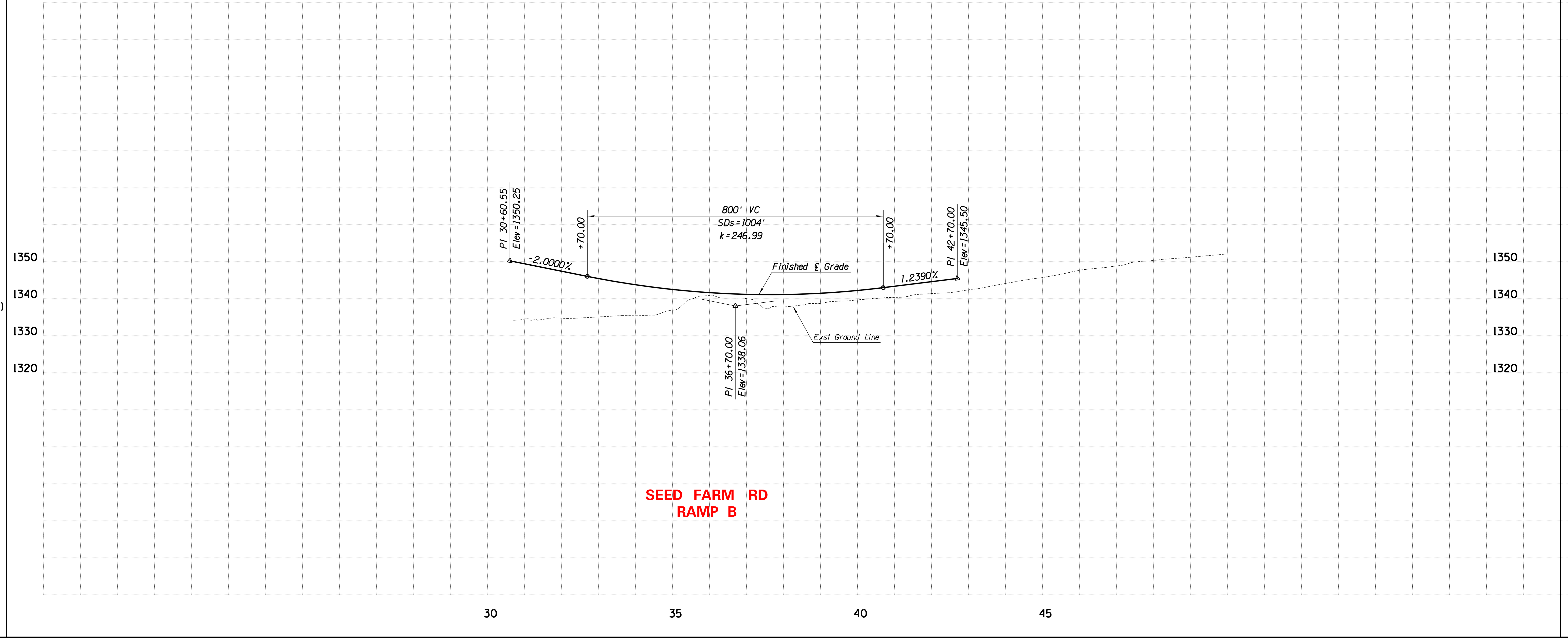
100 0 100 200
SCALE IN FEET



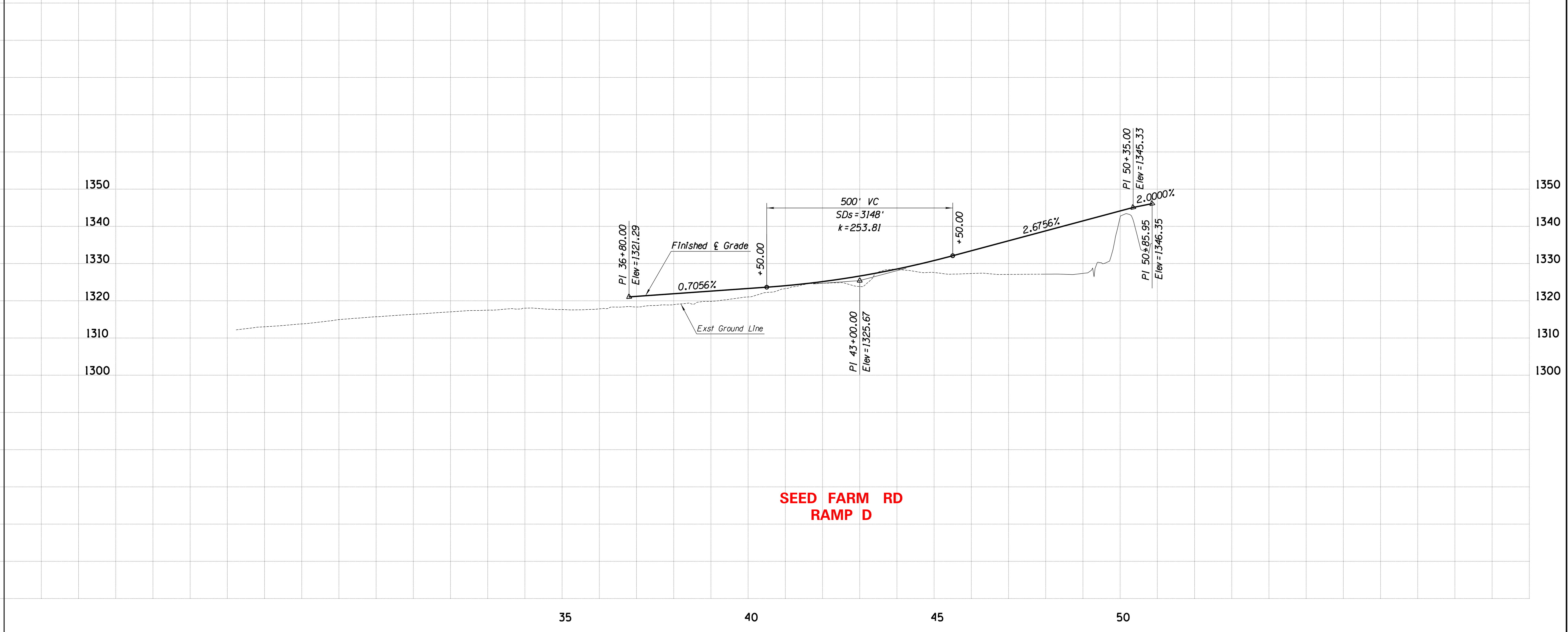
SEED FARM RD
RAMP A



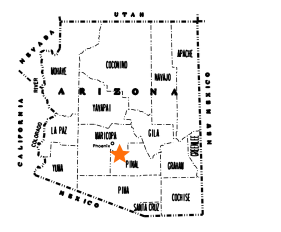
SEED FARM RD
RAMP C



SEED FARM RD
RAMP B



SEED FARM RD
RAMP D



ADOT

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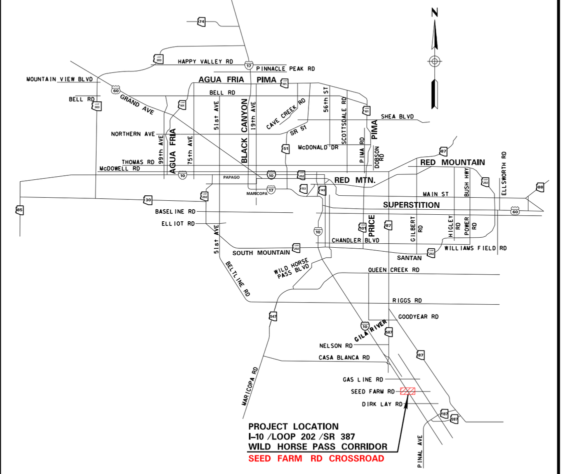
STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

SEED FARM RD
RAMP PROFILES



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LEGEND

New Pavement (Asphalt)
Temporary Construction Easements
New Pavement (Concrete)
New R/W
New Bridge
Allottment Parcels
Rehabilitated Bridge
Mill & Overlay
Median Cable Barrier
New R/W
Fill Line
Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line
New FMS
Land Boundary
Full Access Control
Restricted Access Control

100 0 100 200
SCALE IN FEET

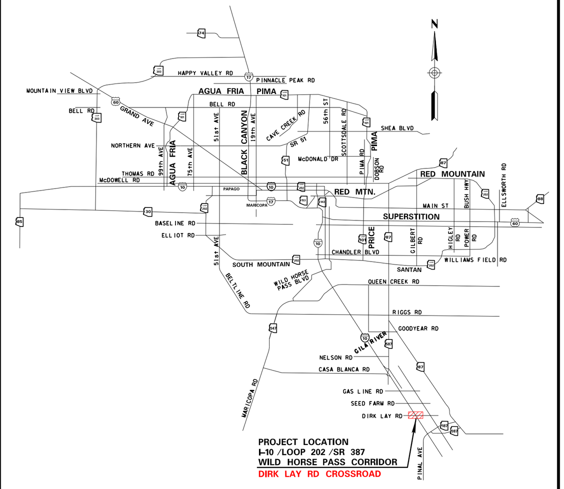
Jul. 12, 2022

ADOT
HDR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

DIRK LAY RD
PLAN



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Crossroad (DDI) = 35 MPH
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LEGEND

New Pavement (Asphalt)	Temporary Construction Easements
New Pavement (Concrete)	New R/W
New Bridge	Allottment Parcels
Rehabilitated Bridge	Mill & Overlay
Median Cable Barrier	New R/W
Fill Line	Exst R/W (Line) Exst Access Control (Hash Marks)
Cut Line	
New FMS	Land Boundary
Full Access Control	Restricted Access Control

100 0 100 200
SCALE IN FEET

INTERSTATE 10
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

NOTE:
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ADOT
HDR

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

DIRK LAY RD
PLAN

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LEGEND
New Pavement (Asphalt) | Temporary Construction Easements
New Pavement (Concrete) | New R/W
New Bridge | Allottment Parcels
Rehabilitated Bridge | Mill & Overlay
Median Cable Barrier | New R/W
Fill Line | Exst R/W (Line) Exst Access Control (Hash Marks)
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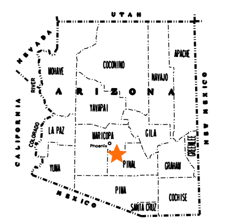
100 0 100 200
SCALE IN FEET

INTERSTATE 10
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

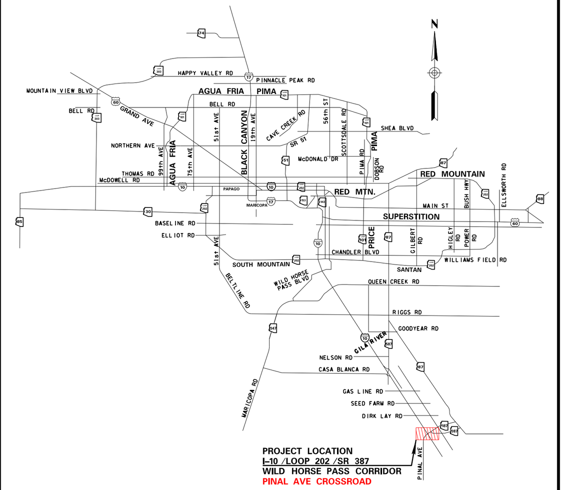
Jul. 12, 2022



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

PINAL AVE
PLAN & PROFILE



MIDPOINT OF PROJECT
Central Zone
State Plane Coordinates
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LEGEND

- New Pavement (Asphalt)
- Temporary Construction Easements
- New Pavement (Concrete)
- New R/W
- New Bridge
- Allotment Parcels
- Rehabilitated Bridge
- Mill & Overlay
- Median Cable Barrier
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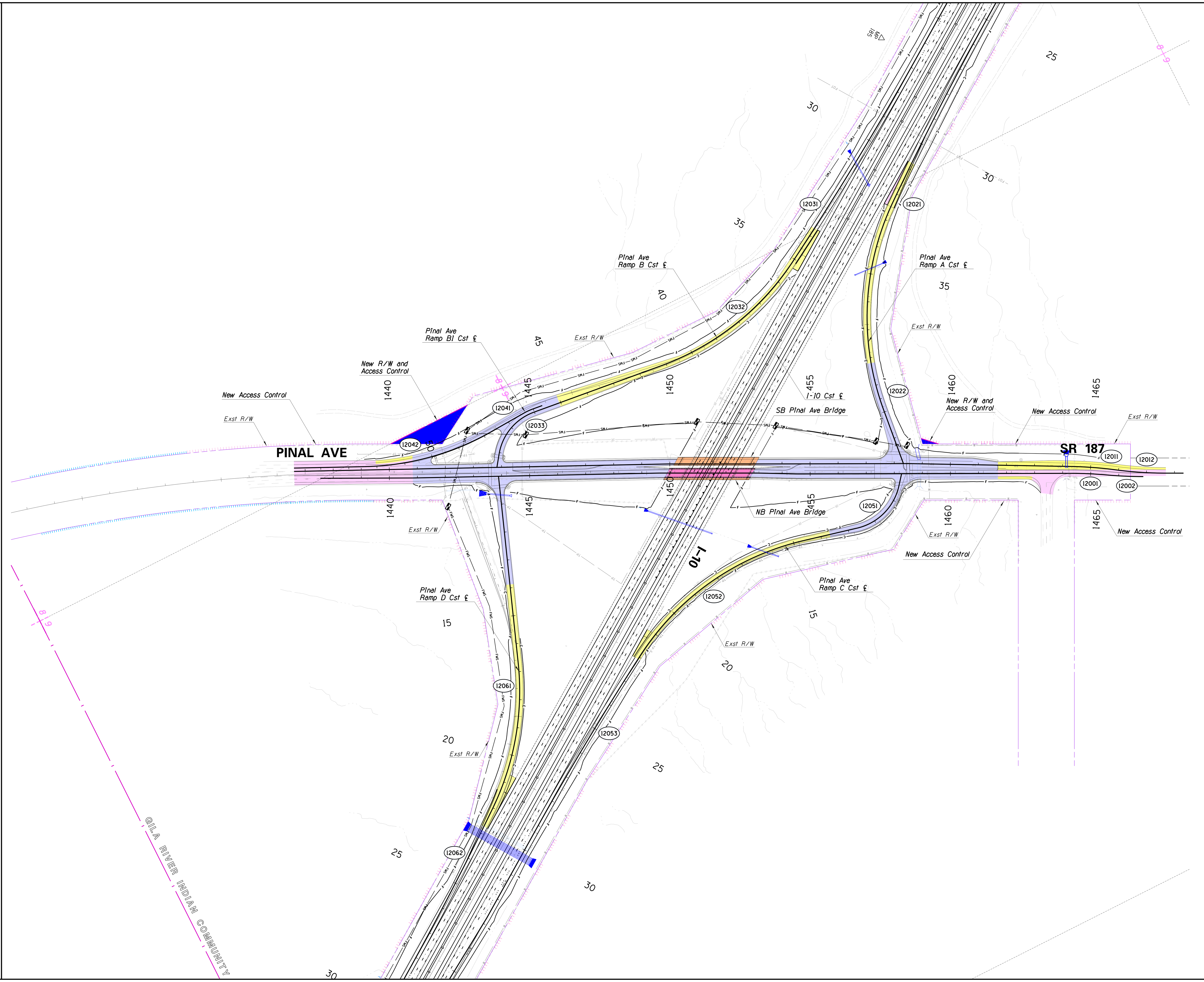
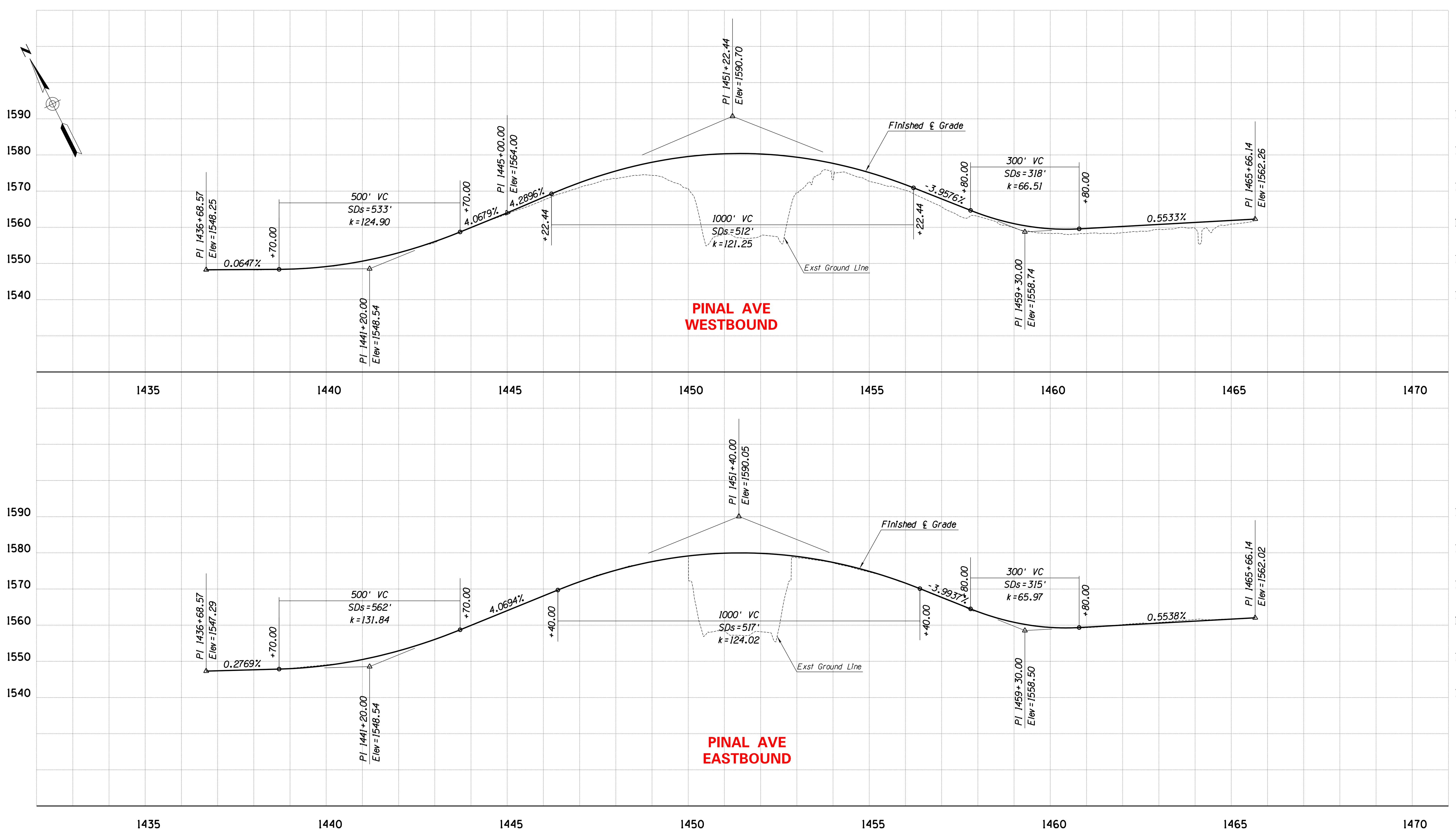
100 0 100 200
SCALE IN FEET

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR





NOTE:
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PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	Easting	Circular Curve Δ	D	R	L	T	Ext	Super
12000	EB Pinal Ave Cst ℄	PC	1464+29.87	729945.93	750883.29							
12001	EB Pinal Ave Cst ℄	PI	1464+94.40	730003.65	750912.15	5°20'06" Rt	4°08'13"	1385.00'	128.97'	64.53'	1.50'	e=2.0%
	EB Pinal Ave Cst ℄	PRC	1465+58.83	730058.44	750946.24							
12002	EB Pinal Ave Cst ℄	PI	1466+23.36	730113.22	750980.34	5°20'06" Lt	4°08'13"	1385.00'	128.97'	64.53'	1.50'	e=2.0%
12003	EB Pinal Ave Cst ℄	PT	1466+87.80	730170.94	751009.20							
12010	WB Pinal Ave Cst ℄	PC	1464+30.67	729957.32	750861.61							
12011	WB Pinal Ave Cst ℄	PI	1465+09.67	730027.27	750898.34	6°31'47" Rt	4°08'13"	1385.00'	157.84'	79.01'	2.25'	e=2.0%
	WB Pinal Ave Cst ℄	PRC	1465+88.51	730092.58	750942.79							
12012	WB Pinal Ave Cst ℄	PI	1466+81.00	730169.05	750994.83	7°38'29" Lt	4°08'13"	1385.00'	184.71'	92.49'	3.09'	e=2.0%
12013	WB Pinal Ave Cst ℄	PT	1467+73.22	730251.75	751036.24							
12020	Pinal Ave Ramp A Cst ℄	PC	24+80.09	730419.83	749292.06							
12021	Pinal Ave Ramp A Cst ℄	PI	28+55.73	730109.21	749503.29	3°45'18" Lt	0°30'00"	11459.16'	751.00'	375.63'	6.16'	e=2.0%
	Pinal Ave Ramp A Cst ℄	PCC	32+31.09	729813.10	749734.41							
12022	Pinal Ave Ramp A Cst ℄	PI	36+33.15	729496.15	749981.78	45°33'18" Lt	5°59'02"	957.51'	761.30'	402.06'	80.99'	e=5.9%
12023	Pinal Ave Ramp A Cst ℄	PT	39+92.40	729450.83	750381.28							
12030	Pinal Ave Ramp B Cst ℄	PC	26+50.24	730127.63	749306.95							
12031	Pinal Ave Ramp B Cst ℄	PI	30+80.80	729771.59	749549.07	4°18'13" Rt	0°30'00"	11459.16'	860.72'	430.56'	8.09'	e=2.0%
	Pinal Ave Ramp B Cst ℄	PCC	35+10.96	729398.39	749763.79							
12032	Pinal Ave Ramp B Cst ℄	PI	38+26.34	729125.03	749921.06	36°34'18" Rt	6°00'12"	954.40'	609.19'	315.37'	50.76'	e=5.9%
	Pinal Ave Ramp B Cst ℄	PT	41+20.15	728811.78	749884.50							
	Pinal Ave Ramp B Cst ℄	PC	46+02.31	728332.87	749828.59							
12033	Pinal Ave Ramp B Cst ℄	PI	47+14.62	728221.32	749815.57	60°39'03" Lt	29°50'30"	192.00'	203.24'	112.31'	30.44'	
12034	Pinal Ave Ramp B Cst ℄	PT	48+05.55	728155.29	749906.42							

PLAN REF NO.	DESCRIPTION	Point Type	STATION	COORDINATES Northing	Easting	Circular Curve Δ	D	R	L	T	Ext	Super
12040	Pinal Ave Ramp Bl Cst ℄	PC	46+02.31	728334.26	749816.67							
12041	Pinal Ave Ramp Bl Cst ℄	PI	46+19.52	728317.16	749814.68	9°38'48" Lt	28°05'10"	204.00'	34.35'	17.21'	0.72'	
	Pinal Ave Ramp Bl Cst ℄	PT	46+36.66	728299.97	749815.58							
	Pinal Ave Ramp Bl Cst ℄	PC	47+69.59	728167.22	749822.51							
12042	Pinal Ave Ramp Bl Cst ℄	PI	50+12.16	727924.98	749835.15	28°31'56" Rt	6°00'21"	954.00'	475.08'	242.57'	30.36'	e=5.9%
12043	Pinal Ave Ramp Bl Cst ℄	PT	52+44.66	727706.12	749730.56							
12050	Pinal Ave Ramp C Cst ℄	PC	10+44.11	729377.93	750647.47							
12051	Pinal Ave Ramp C Cst ℄	PI	11+69.26	729299.16	750744.72	64°35'27" Rt	28°56'14"	198.00'	223.21'	125.15'	36.24'	
	Pinal Ave Ramp C Cst ℄	PT	12+67.32	729177.52	750715.30							
	Pinal Ave Ramp C Cst ℄	PC	14+63.48	728986.85	750669.18							
12052	Pinal Ave Ramp C Cst ℄	PI	18+48.10	728613.01	750578.76	44°09'11" Lt	6°02'30"	948.33'	730.80'	384.62'	75.03'	e=5.9%
	Pinal Ave Ramp C Cst ℄	PCC	21+94.28	728281.80	750774.29							
12053	Pinal Ave Ramp C Cst ℄	PI	25+60.58	727966.36	750960.51	3°39'43" Lt	0°30'00"	11459.16'	732.36'	366.31'	5.85'	e=2.0%
12054	Pinal Ave Ramp C Cst ℄	PT	29+26.64	727663.46	751166.49							
12060	Pinal Ave Ramp D Cst ℄	PC	16+68.32	727882.18	750601.35							
12061	Pinal Ave Ramp D Cst ℄	PI	19+41.38	727785.85	750856.86	31°50'32" Rt	5°59'07"	957.26'	532.00'	273.07'	38.19'	e=5.9%
	Pinal Ave Ramp D Cst ℄	PT	22+00.32	727569.22	751023.10							
	Pinal Ave Ramp D Cst ℄	PC	22+13.39	727558.85	751031.05							
12062	Pinal Ave Ramp D Cst ℄	PI	25+41.89	727298.23	751231.04	3°17'03" Rt	0°30'00"	11459.16'	656.84'	328.51'	4.71'	e=2.0%
12063	Pinal Ave Ramp D Cst ℄	PT	28+70.22	727026.58	751415.78							

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

PINAL AVE
PLAN & PROFILE

MIDPOINT OF PROJECT
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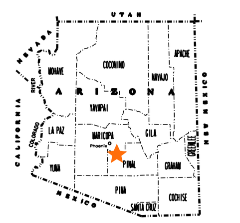
LEGEND

I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR

Jul. 12, 2022



STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
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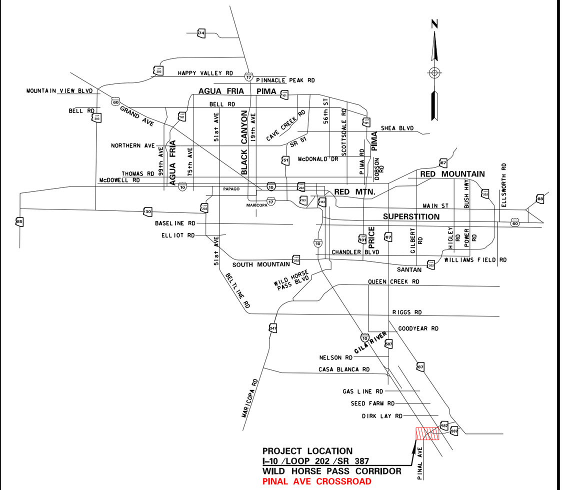
PINAL AVE
RAMP PROFILES



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LEGEND

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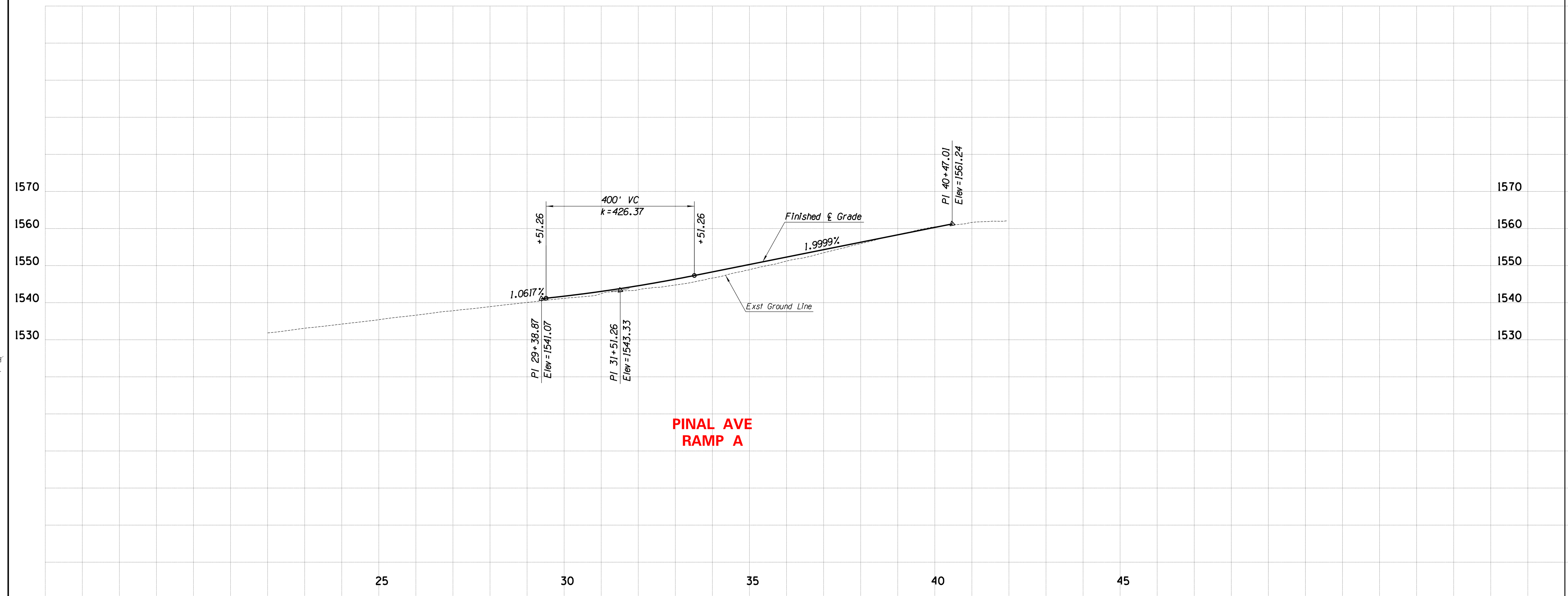
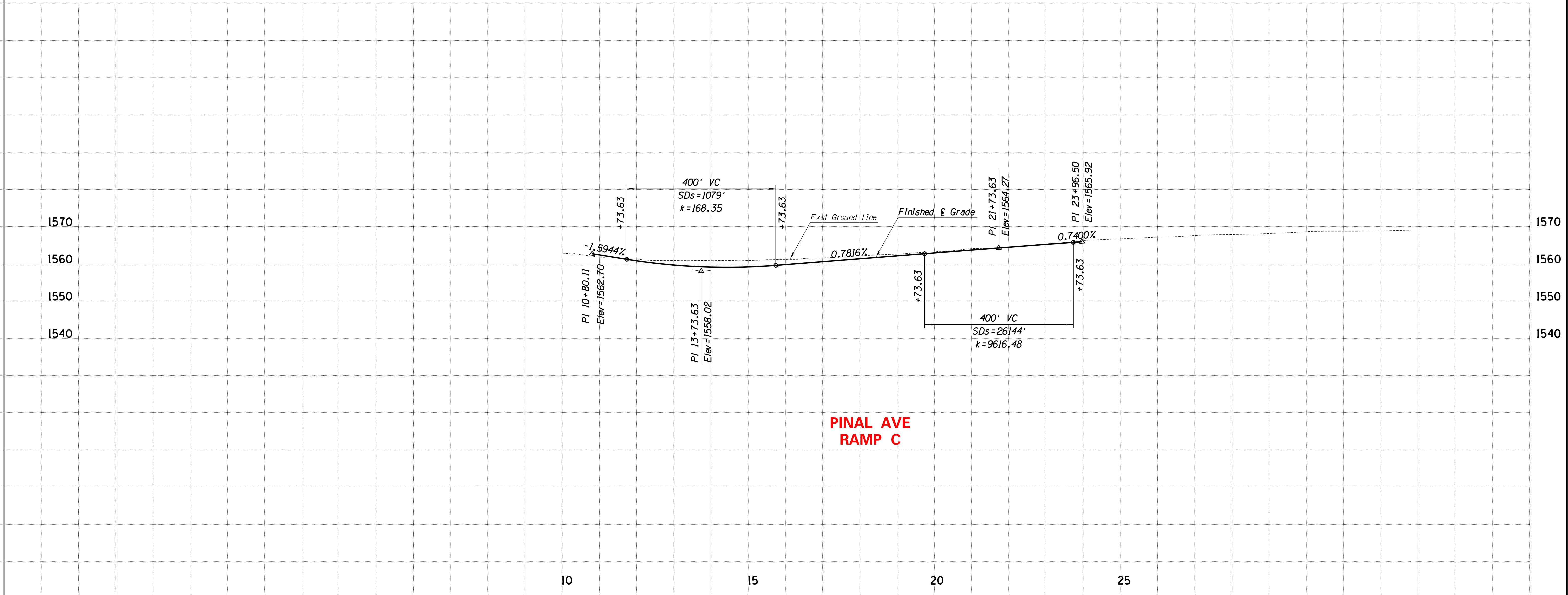
Full Access Control	

100 0 100 200
SCALE IN FEET

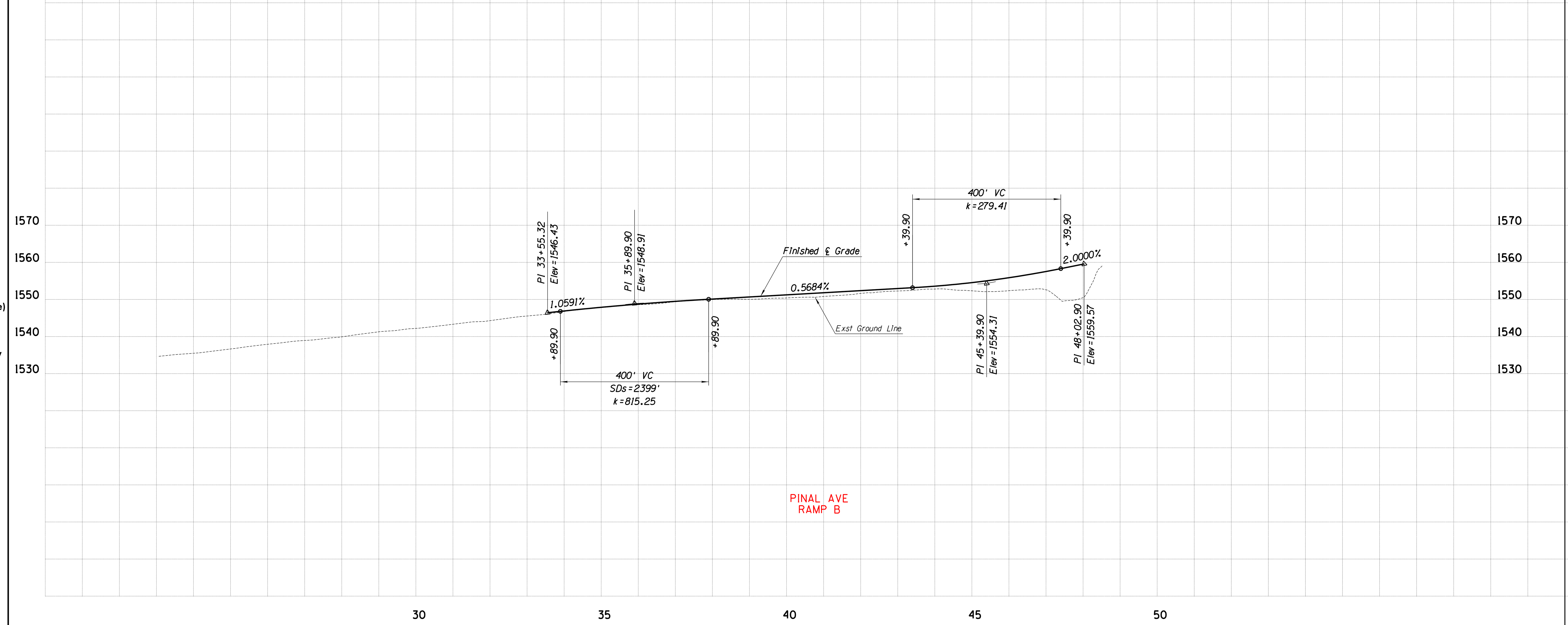
I-10 | LOOP 202 TO SR-387
WILD HORSE PASS CORRIDOR



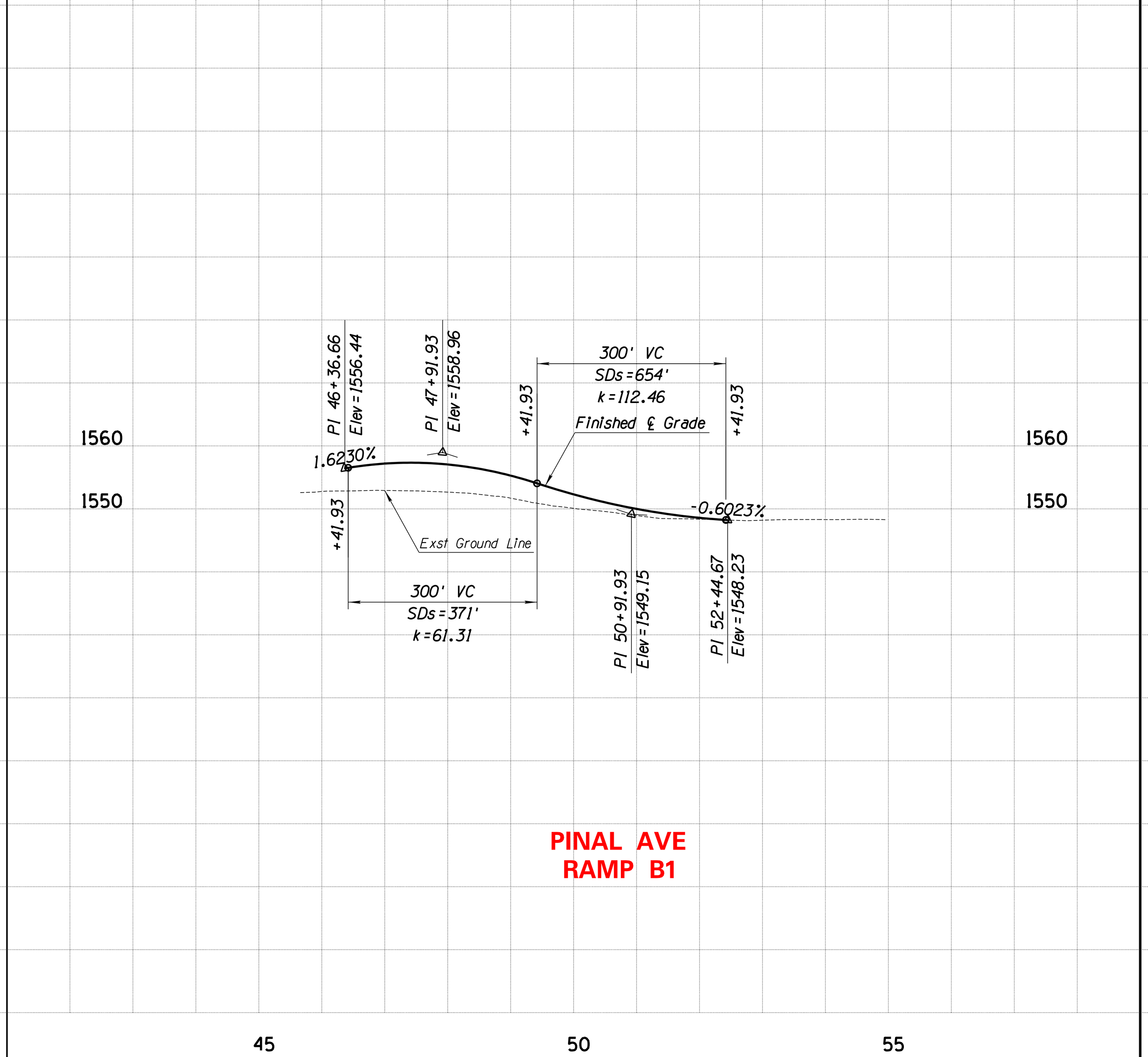
PINAL AVE
RAMP A



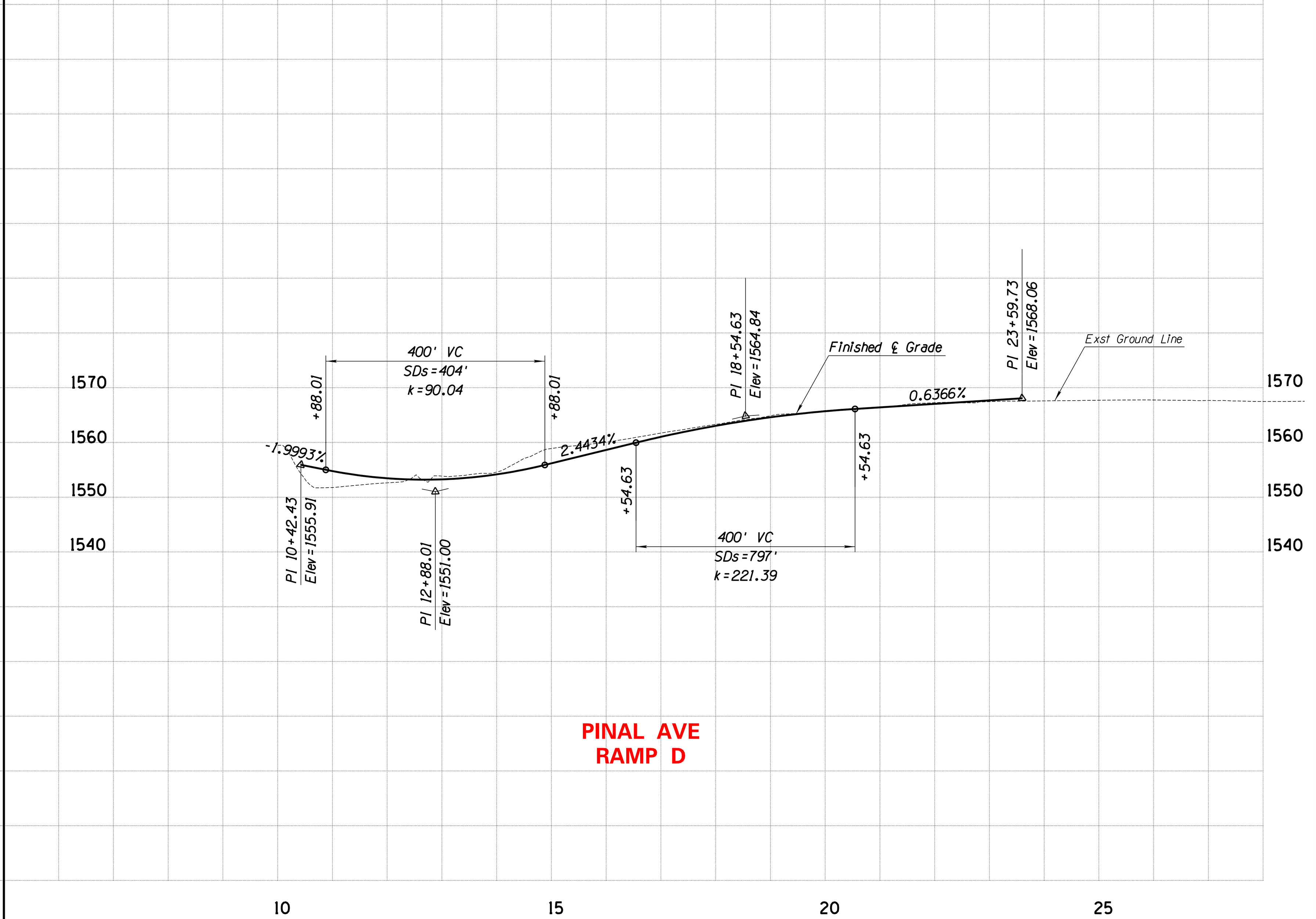
PINAL AVE
RAMP C



PINAL AVE
RAMP B



PINAL AVE
RAMP B1



PINAL AVE
RAMP D

STATE OF ARIZONA
DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION

FEDERAL AID NO. 010-C(222)S
TRACS NO. F0252 01L & 02L

PINAL AVE
RAMP PROFILES