

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				
		10 xx xxx			

## INDEX OF SHEETS

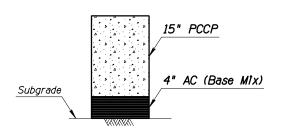
SHEET NO. DWG. NO. SHEET TITLE

C-1.1 Sheet Index
C-1.2 - C-1.9 Typical Sections
C-2.1 - C-2.9 Curve Data Sheets
C-3.1 I-10 Keymap
C-3.2 - C-3.88 I-10 Plans

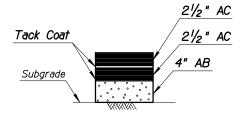
CIVIL

C-4.2 - C-4.5 I-8 Plan and Profile
C-4.6 - C-4.23 I-10 / I-8 System Interchange Plans & Profiles
C-5.1 Service Interchange Keymap

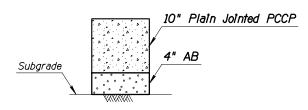
C-5.2 - C-5.48 Service Interchange Plans & Profiles S-1.1 - S-1.20 Structural Plans, Elevations & Typical Sections



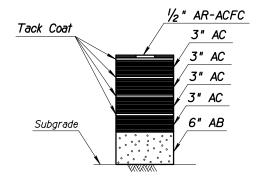
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SECTION NO. 1



Total Thickness = 9"
SECTION NO. 2

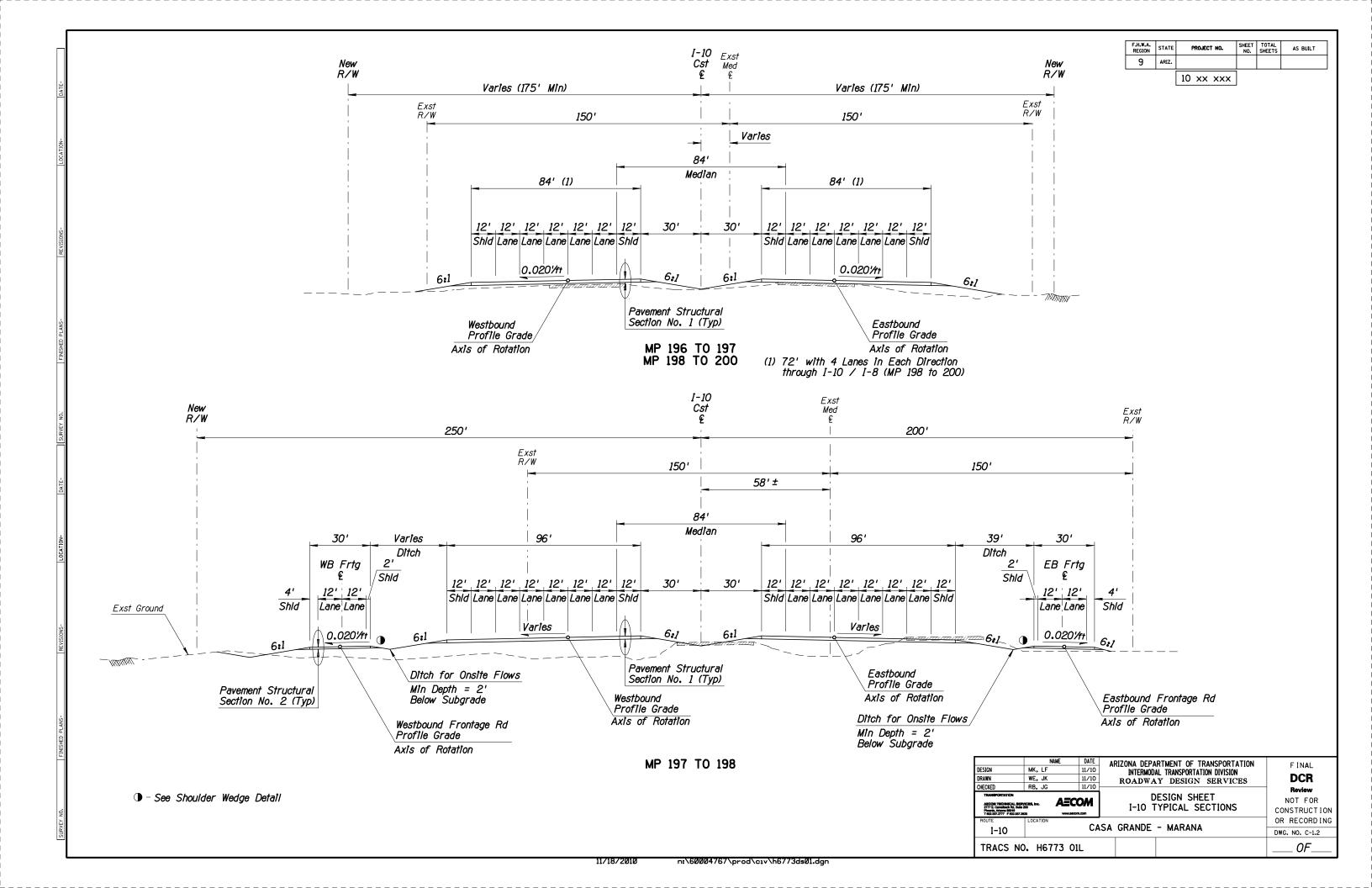


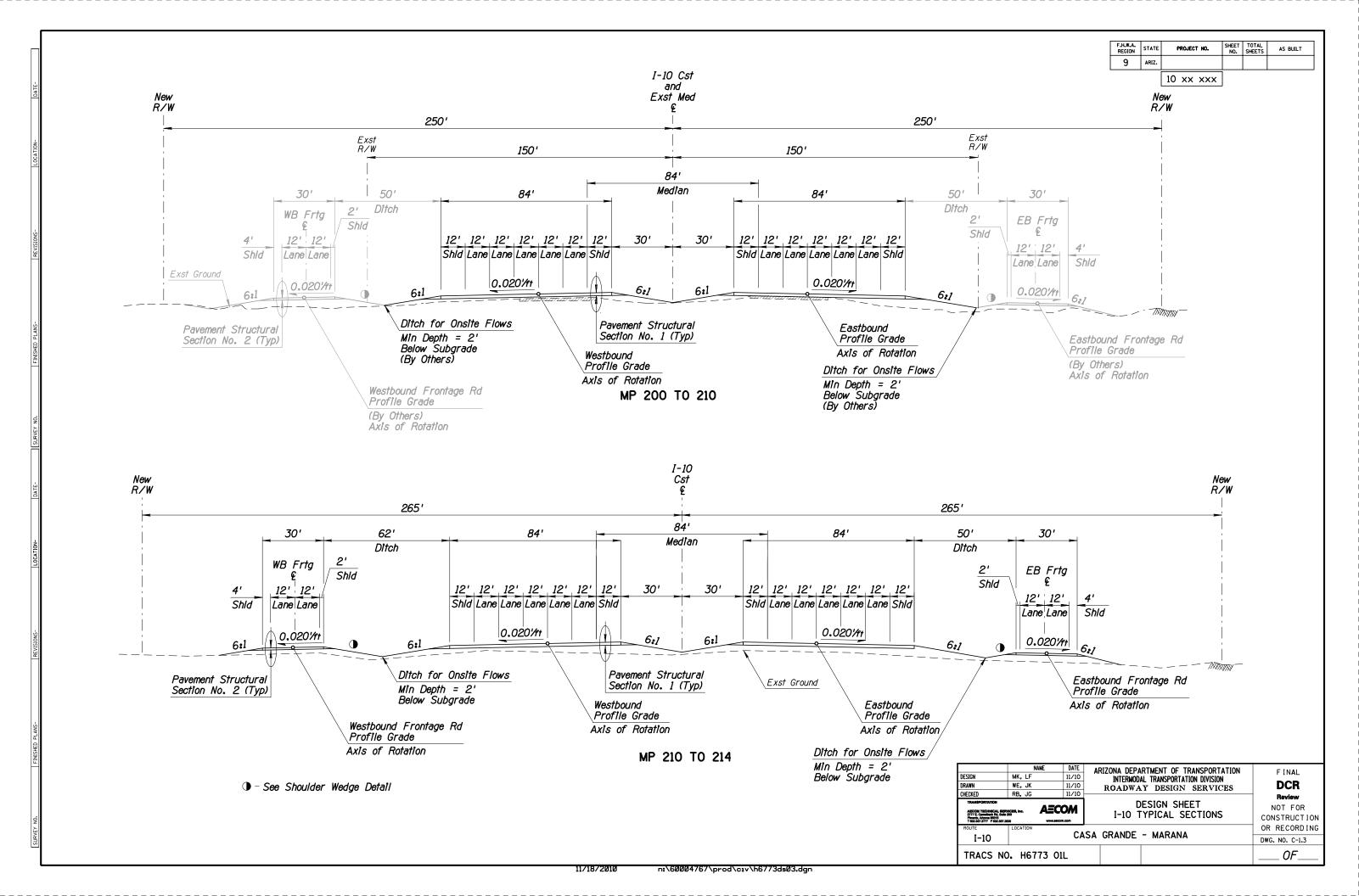
Total Thickness = 14" SECTION NO. 3

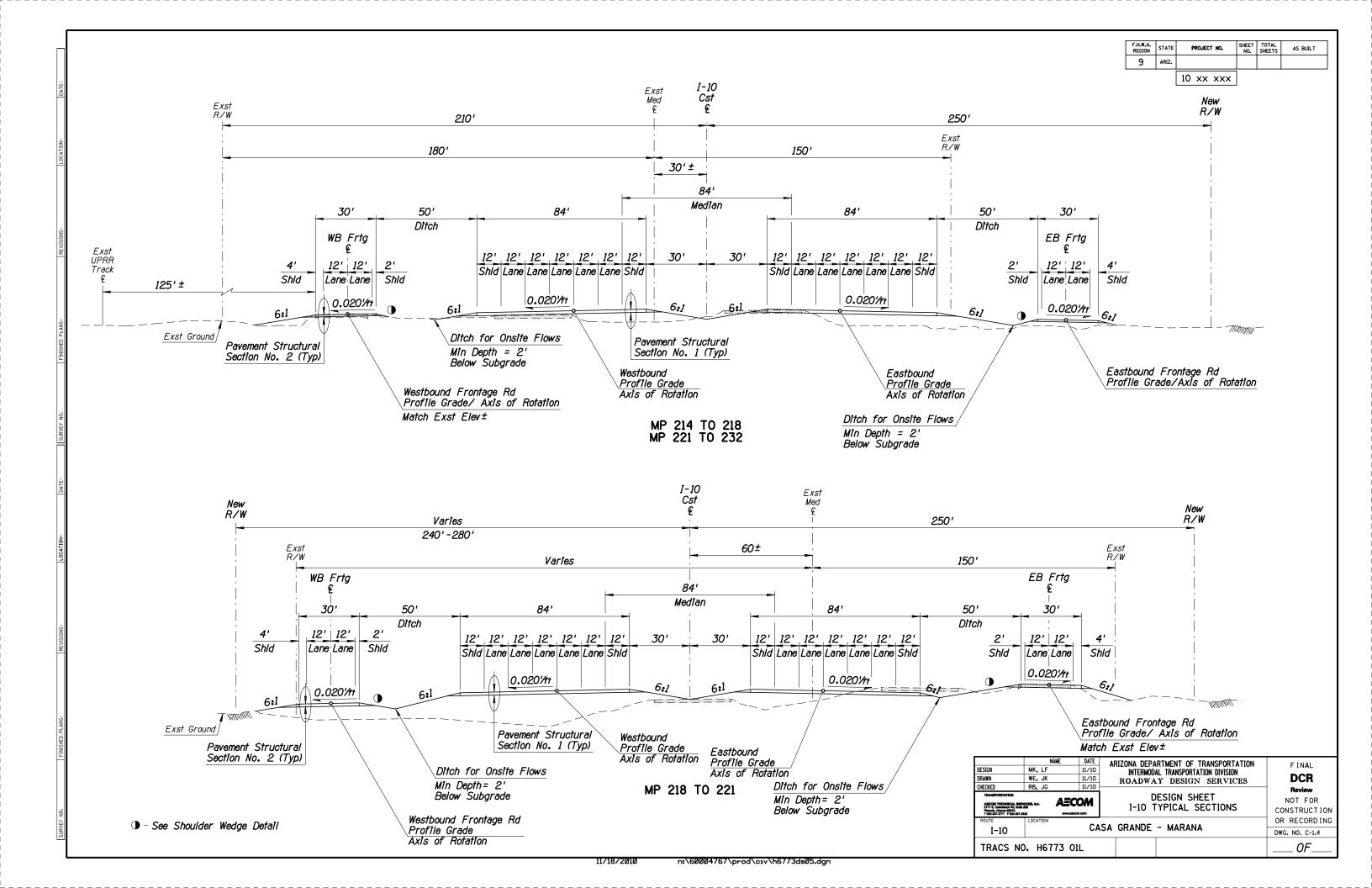


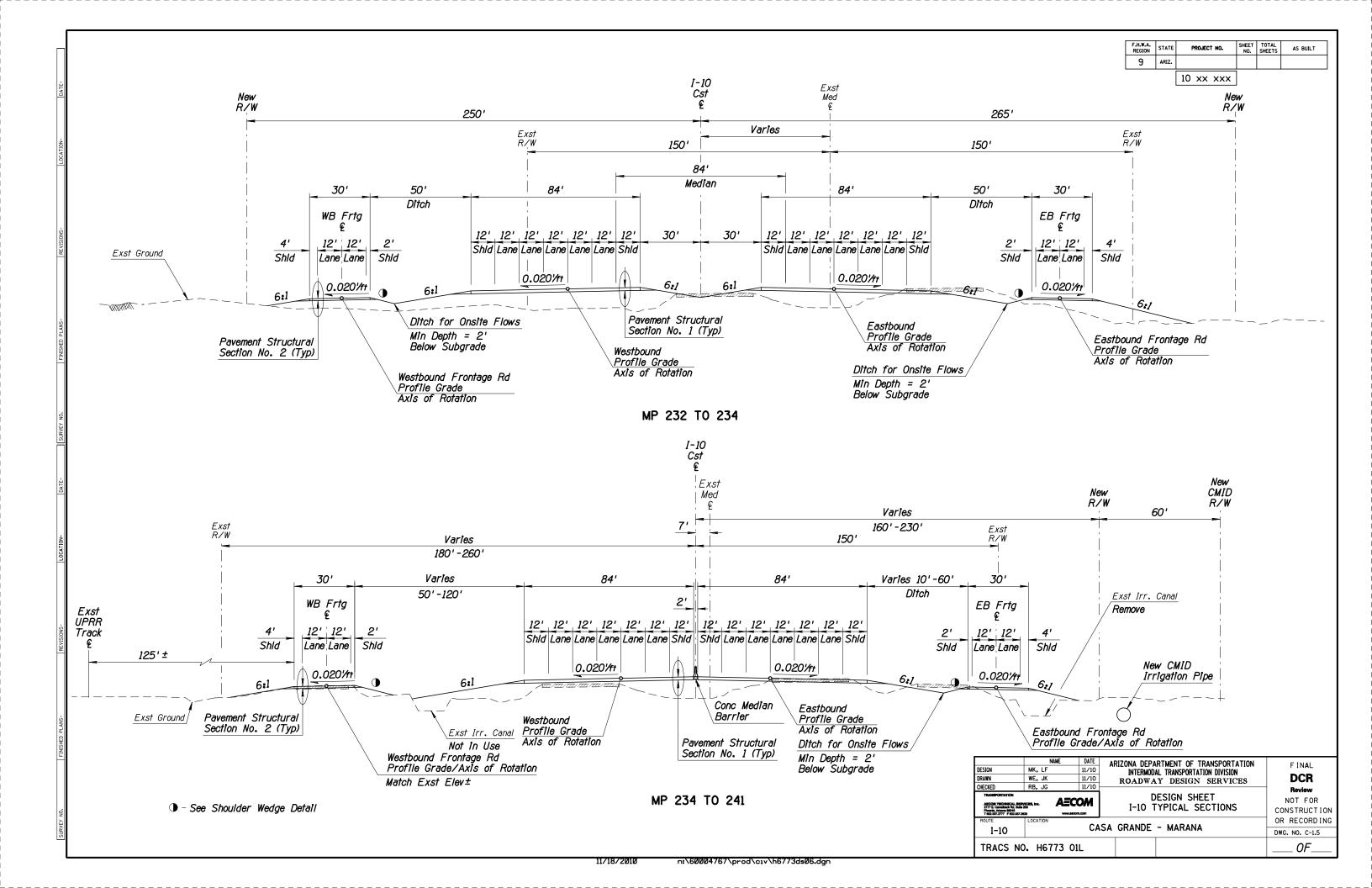
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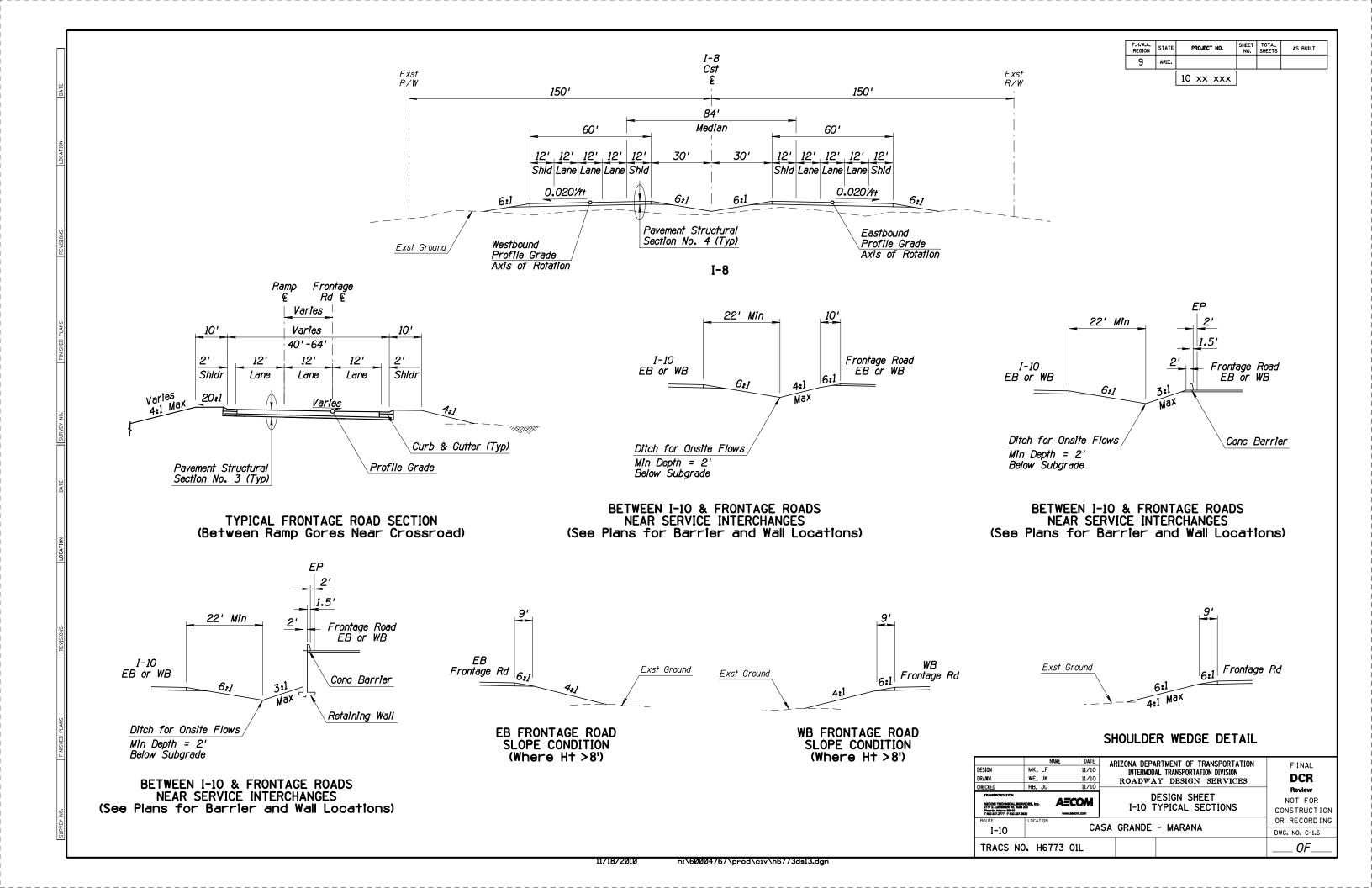
	NAME	DATE	ARIZONA DEPARTMENT OF TRANSPORTATION	FINAL
SIGN	MK, LF	11/10	INTERMODAL TRANSPORTATION DIVISION	
AWN	WE, JK	11/10	ROADWAY DESIGN SERVICES	DCR
CKED	RB, JG	11/10		Review
TRANSPORTATION  AECOM TECHNICAL SERV. 2777 E. Camelback Rd, Bulls: Phoente, Artzona 8505 T 602-357-2777 F 602-357-26	ACES, Inc. AEC		INDEX OF SHEETS	NOT FOR CONSTRUCTION
DUTE	LOCATION		CA OBANDE MABANA	OR RECORDING
I-10		CA	SA GRANDE - MARANA	DWG. NO. C-1.1
RACS NO	ь н6773 01	L		<i>OF</i>

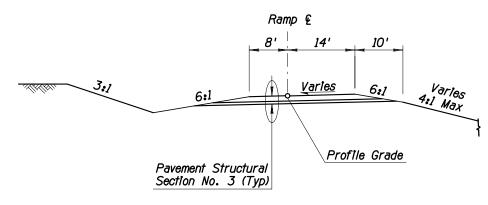




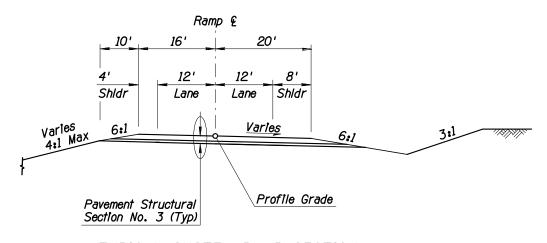




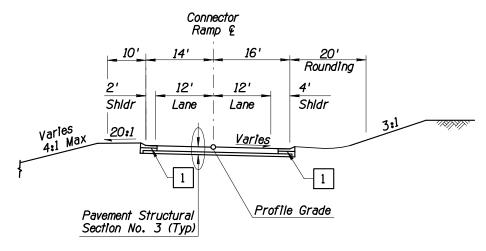




## TYPICAL EXIT RAMP SECTION

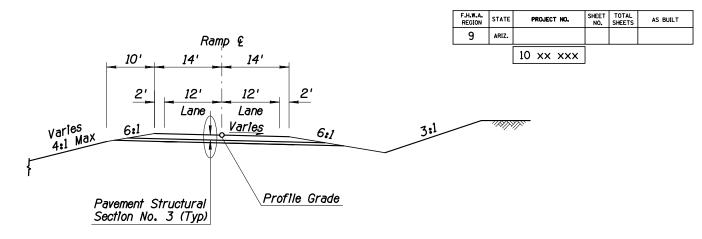


TYPICAL SYSTEM RAMP SECTION

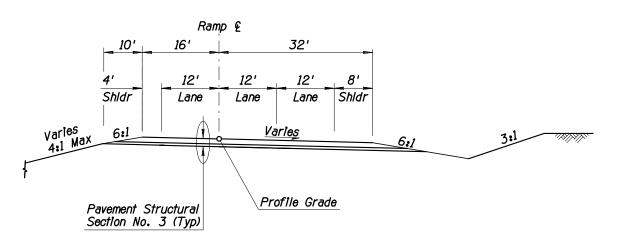


TYPICAL CONNECTOR RAMP SECTION

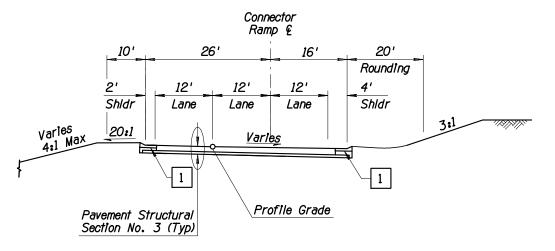
Conc Curb & Gutter, Type B or Type C Std C-05.10



## TYPICAL ENTRANCE RAMP SECTION

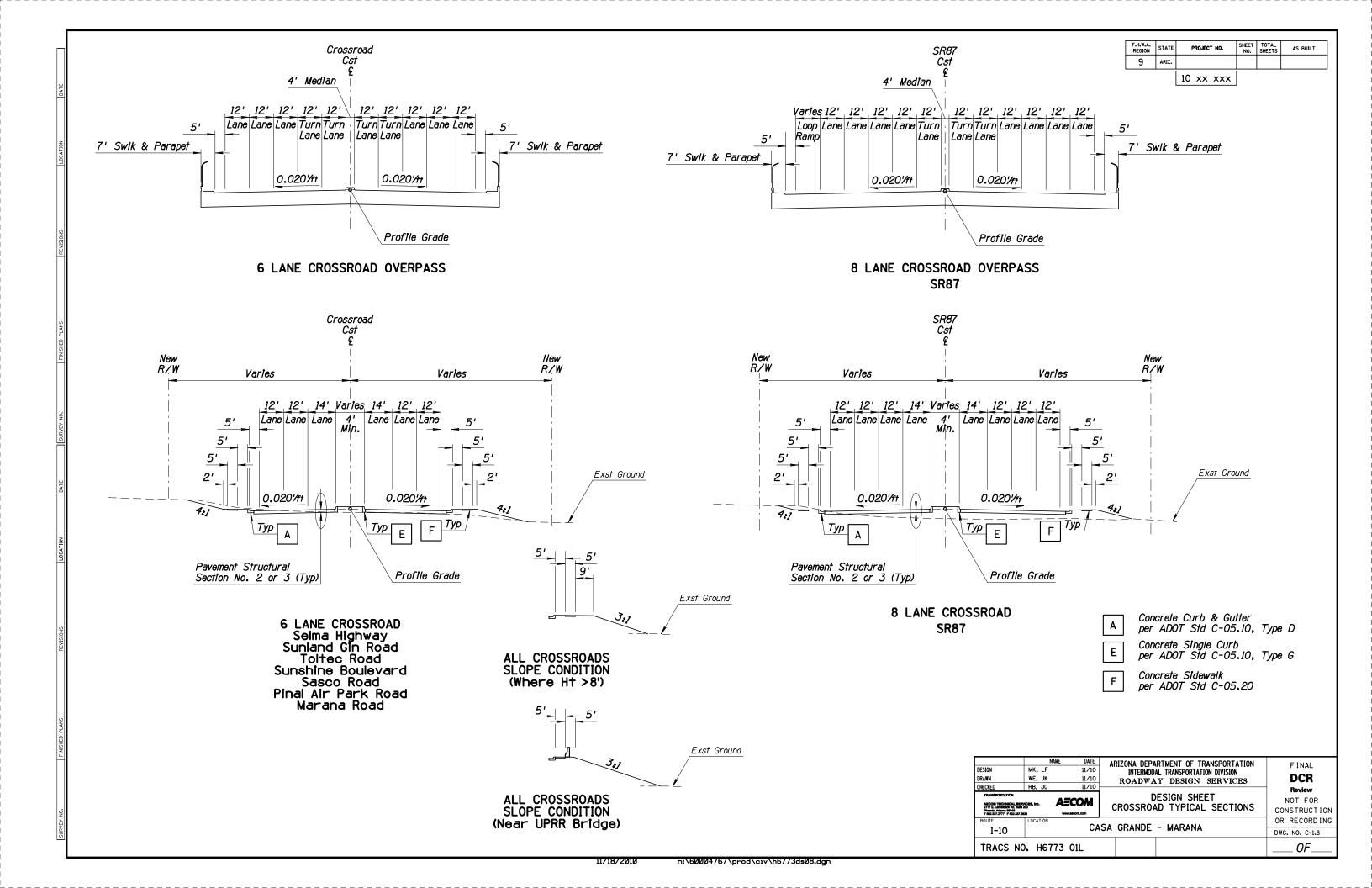


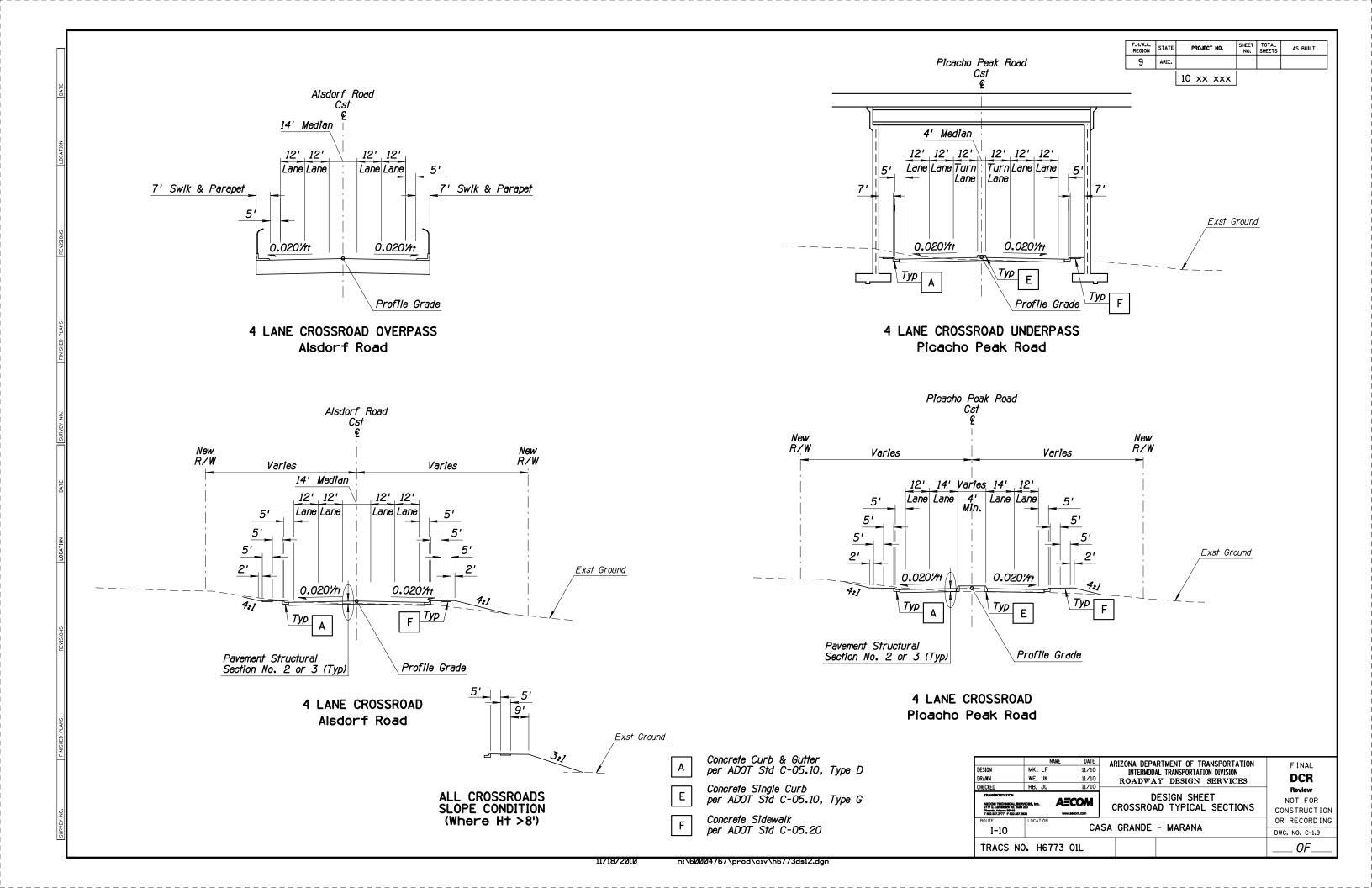
## TYPICAL 3 LANE SYSTEM RAMP SECTION



TYPICAL 3 LANE CONNECTOR RAMP SECTION

DESIGN DRAWN CHECKED	NAME MK, LF WE, JK RB, JG	DATE 11/10 11/10 11/10	INTERMODA	RTMENT OF TRANSPORTATION AL TRANSPORTATION DIVISION Y DESIGN SERVICES	F INAL  DCR  Review
TRANSPORTATION  AECOM TECHNICAL SERT 2777 E. Camelback RO, Sults: Phoenix, Atzona 8018 T 602-337.2777 F 602-337.28	120 www.aecor		_	ESIGN SHEET TYPICAL SECTIONS	NOT FOR CONSTRUCTION
I-10	LOCATION	CAS	SA GRANDE	- MARANA	OR RECORDING DWG. NO. C-1.7
TRACS NO	). H6773 OI	L			OF





	F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
	9	ARIZ.				
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100 c e f c e f e f e f e f e f e f e f e f	PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Type $\Delta$		Degree	Radius	Length	Tangent	External	Super
100   1-10   Cert   F	301	I-10 Cst & PI	10395+71.91	672677.15	770571.67	SIMPLE Δ=7°05'0	1" L+	D=0°15'00"	R=22918.00'	L=2833.37'	T=1418.49'	Ext=43.86'	NC
190   110   Cest   F	302	I-10 Cst & PI	10420+72.94	670189.32	770861.46	SIMPLE Δ=2°19'46	6" R+	D=0°15'00"	R=22918.00'	L=931.76'	T=465.95'	Ext=4.74'	NC
1-10 Cet 9   P	303	I-10 Cst & Pl	10510+25.28	661262.22	771534.98	SIMPLE Δ=49°32'0	)4" L <del>†</del>	D=0°45'00"	R=7639.44'	L=6604.61'	T=3524.62'	Ext=773.88'	3.1%
190 Cet F   P	304	I-10 Cst & Pl	11017+38.72	631083.40	812843.42	SIMPLE Δ=20°51'0	6" L†	D=0°20'01"	R=17180.00'	L=6252.36'	T=3161.15'	Ex+=288.41'	NC
130   1-10   Carl 6   P	305	I-10 Cst @ Pl	11120+77.02	628337.12	822882.80	SIMPLE Δ=20°51'5	0" Rt	D=0°20'00"	R=17188.59'	L=6259 <b>.</b> 10'	T=3164.59'	Ext=288.89'	NC
130   1-10 Cet E P    1150-15.17   604298.53   856071.22   518P.E   4-72257 PH   D-072000** R-1718.579**   1-2224.79**   7-1125.50**   Ex+753.56**   NC	306	I-10 Cst @ PI	11263+79.12	619868.16	834469.92	SIMPLE Δ=4°56'0	7" L+	D=0°28'00"	R=12277.67'	L=1057.57'	T=529.12'	Ex+=11.40'	NC
1.10 Cest   F    1.1569+26.30   60.1996.12   858006.68   SMPLE   1.869226.85   F. 10.2016.07   F. 10.2016.37   F. 10.2016.37	307	I-10 Cst @ PI	11284+70.72	618783.45	836259.04	SIMPLE Δ=4°56'0	7" R+	D=0°28'00"	R=12277.67'	L=1057.57'	T=529.12'	Ex+=11.40'	NC
1-10 Cet	308	I-10 Cst & PI	11530+18.17	604298.53	856077.12	SIMPLE Δ=7°29'5	7" Rt	D=0°20'00"	R=17188.73'	L=2249.79'	T=1126.50'	Ext=36.87'	NC
311    - - - -	309	I-10 Cst & PI	11569+26.30	601598.12	858906.68	SIMPLE Δ=6°22'4	5" L†	D=0°15'00"	R=22918.31'	L=2551.68'	T=1277.16'	Ext=35.56'	NC
312   1-10 Cest @ P    11902+91,51   576433.74   880449.29   SIMPLE   As4*3000° Rt   D=0*2000°   R=17188.73   L=1349.88°   T=675.34°   Ext=13.26°   NC     313   1-10 Cest @ P    11927-37.89   574540.13   S8196.17   SIMPLE   As4*3000° Rt   D=0*2000°   R=17188.73   L=1349.88°   T=675.34°   Ext=13.26°   NC     314   1-10 Cest @ P    12188+31.76   554891.72   88324.91   SIMPLE   As5*9000° Rt   D=0*2000°   R=17188.73   L=1349.88°   T=675.34°   Ext=13.26°   NC     315   1-10 Cest @ P    12188+31.76   554891.72   S85922.91   SIMPLE   As5*1414° Rt   D=0*2000° R=17188.73   L=1359.31°   T=798.53°   Ext=13.54°   NC     316   1-10 Cest @ P    12231+68.42   554961.64   S99478.79   SIMPLE   As5*1911° Lt   D=0*2000° R=17188.73   L=1595.91°   T=798.53°   Ext=13.54°   NC     317   1-10 Cest @ P    12231+68.42   554961.64   S99478.79   SIMPLE   As5*1911° Lt   D=0*2000° R=12277.66°   L=2804.60° T=1404.43°   Ext=8.54°   NC     318   1-10 Cest @ P    122320-334   542022.44   S99448.25   SIMPLE   As5*1911° Lt   D=0*2000° R=2277.66°   L=2804.60° T=1404.43°   Ext=8.54°   NC     319   1-10 Cest @ P    122320-334   542022.44   S99448.25   SIMPLE   As*1*0320° Rt   D=0*1500° R=2298.31° L=443.88°   T=727.52°   Ext=29.42°   2.88°     310   1-10 Cest @ P    122320-332   SIMPLE   As*1*0320° Rt   D=0*1500° R=2298.31° L=443.88°   T=675.34°   Ext=0.58°   NC     320   1-10 Cest @ P    12236-23.82   542020.84   S04775.62   SIMPLE   As*1*0320° Rt   D=0*1500° R=2298.31° L=442.88°   T=20.67°   Ext=5.15°   NC     321   1-10 Cest @ P    12246-45.13   53468.23   S13734.69   SIMPLE   As*1*0320° Rt   D=0*1500° R=17188.73   L=481.88°   T=675.34°   Ext=1.58°   NC     322   1-10 Cest @ P    12246-50.12   S13820.6   S14840.8   SIMPLE   As*1*225*1   D=0*0*2000° R=17188.73   L=481.88°   T=20.67°   Ext=5.15°   NC     323   1-10 Cest @ P    12246-50.12   S13820.6   S14820.8   SIMPLE   As*1*225*1   D=0*0*2000° R=17188.73   L=160.64°   Ext=4.26°   Ext=4.26°   NC     324   1-10 Cest @ P    12246-50.12   S13820.6   S14820.8   SIMPLE   As*1*225*1   D=0*0*200° R=1718	310	I-10 Cst & PI	11641+73.43	597206.56	864674.98	SIMPLE Δ=8°42'0	5" Rt	D=0°28'00"	R=12277.67'	L=1864.61'	T=934 <b>.</b> 10'	Ext=35.48'	NC
313   1-10 Cet   P    11927+37.89   574340.13   881716.17   SMPLE   8-9*00*00*   1-1   0-0*20*00*   R-17188.73*   L-2699.38*   T-1352.77*   Ext+53.15*   NC     314   1-10 Cet   P    11991+79.41   572470.47*   883224.97*   SMPLE   84*00*01*   R-170200*   R-17188.73*   L-1349.99*   T-675.34*   Ext+13.26*   NC     315   1-10 Cet   P    12188+0.70   553105.67*   896967.65*   SMPLE   85*19*11*   L+   D-0*2000*   R-17188.73*   L-1519.13*   T-1616.11*   Ext+113.26*   NC     316   1-10 Cet   P    1221+86.42   549619.40*   899478.79*   SMPLE   85*19*11*   L+   D-0*2000*   R-17188.73*   L-1595.91*   T-796.53*   Ext+18.54*   NC     317   1-10 Cet   P    1222+86.42   549619.40*   899478.79*   SMPLE   85*19*11*   L+   D-0*2000*   R-17188.73*   L-1618.73*   L-1618.73*   Ext+18.54*   NC     318   1-10 Cet   P    1222+86.42   549619.34*   899478.79*   SMPLE   85*19*11*   L+   D-0*2000*   R-17188.73*   L-1618.73*   L-17118*   T-21225*   Ext+2594.72*   Z-822*   Z-822*	311	I-10 Cst & PI	11689+83.34	593744.92	868019.66	SIMPLE Δ=8°20'12	2" R+	D=0°28'00"	R=12277.67'	L=1786.44'	T=894.80'	Ext=32.56'	NC
3 4    - 0	312	I-10 Cst & PI	11902+91.51	576433.74	880449.29	SIMPLE Δ=4°30'0	0" Rt	D=0°20'00"	R=17188.73'	L=1349.98'	T=675.34'	Ext=13.26'	NC
315   1-10 Cat \( \text{CP} \)	313	I-10 Cst € PI	11927+37.89	574340.13	881716.17	SIMPLE Δ=9°00'0	0" L+	D=0°20'00"	R=17188.73'	L=2699.98'	T=1352,77'	Ext=53.15'	NC
316   I-10 Cet & P    12188+90.70   553105.67   896967.65   SIMPLE   Δ=5*19*11* L*   D=0*20*00*   R=17186.73*   L=1595.91*   T=798.53*   Ext=18.54*   NC     317   I-10 Cet & P    12231+86.42   549618.94   899478.79   SIMPLE   Δ=13*05*17* Rt   D=0*20*00*   R=1277.67*   L=280.460*   T=1408.43*   Ext=80.52*   NC     318   I-10 Cet & P    12322+93.45   544677.22   901543.55   SIMPLE   Δ=13*05*17* Rt   D=0*20*00*   R=25918.31*   L=216.86*   T=208.34*   Ext=259.42*   Z=8.82*     319   I-10 Cet & P    12322+93.45   54228.24   90446.41   SIMPLE   Δ=10*248* L*   D=0*1500*   R=22918.31*   L=417.18*   T=2127.52*   Ext=259.42*   Z=8.82*     320   I-10 Cet & P    12326+29.82   542020.84   904775.62   SIMPLE   Δ=10*0248* L*   D=0*1500*   R=22918.31*   L=422.88*   T=211.44*   Ext=0.97*   NC     321   I-10 Cet & P    12442+45.13   S34628.23   91373.62   SIMPLE   Δ=10*020*   R=17188.73*   L=40.66*   Ext=4.24*   NC     322   I-10 Cet & P    12442+45.13   S34628.23   91373.69   SIMPLE   Δ=2*23*39* L*   D=0*20*00*   R=17188.73*   L=163.22*   T=38.67*   REx=4.24*   NC     323   I-10 Cet & P    12485+30.12   S31835.79   916983.96   SIMPLE   Δ=3*2*259* L*   D=0*20*00*   R=17188.73*   L=101.44*   T=507.39*   Ext=7.49*   NC     324   I-10 Cet & P    12696-6.81   S17746.69   934065.96   SIMPLE   Δ=2*1125*   R*   D=0*20*00*   R=17188.73*   L=104.49*   T=507.39*   Ext=7.49*   NC     325   I-10 Cet & P    12766+6.81   S17746.69   934065.96   SIMPLE   Δ=2*1125*   R*   D=0*00*00*   R=7583.44*   L=81.40*   T=309.37*   Ext=6.26*   NC     402   EB Frontage Road Cet & P    10599+5.84   656121.31   778270.07*   SIMPLE   Δ=4*3817*   L=0*4900*   R=7639.44*   L=68.40*   T=309.37*   Ext=6.26*   NC     403   EB Frontage Road Cet & P    10734+0.06   647036.57*   79595.93*   SIMPLE   Δ=4*3817*   L=0*4900*   R=7639.44*   L=68.40*   T=309.37*   Ext=6.26*   NC     405   EB Frontage Road Cet & P    10734+0.06   647036.57*   79595.93*   SIMPLE   Δ=4*3817*   L=0*4900*   R=7639.44*   L=68.40*   T=309.37*   Ext=6.26*   NC     406   EB Frontage Road Cet & P	314	I-10 Cst € PI	11951+79.41	572470.47	883294.97	SIMPLE Δ=4°30'0	0" R+	D=0°20'00"	R=17188.73'	L=1349.98'	T=675.34'	Ext=13.26'	NC
317   1-10 Cet \( \text{P} \)   12231+86.42   549618.94   899478.79   SIMPLE   \( \text{B} = 13^{\infty} \) 5177 Rt   \( \text{D} = 0^{\infty} \) 22800^{\infty} \)   R=12277.67   L=2804.60^{\infty} \)   T=1408.43^{\infty} \)   Ext=80.52^{\infty} \)   NC   318   1-10 Cet \( \text{P} \)   12285+29.18   544677.22   901543.25   SIMPLE   \( \text{D} = 2^{\infty} \) 22874-93.17   L=417.18   T=2127.52   Ext=259.42   2.8%   C=10 Cet \( \text{P} \)   12226+29.33   542672.44   90446.41   SIMPLE   \( \text{D} = 10^{\infty} \) 2000^{\infty} \  R=22918.31   L=418.68   T=203.34   Ext=0.95   NC   T=20.47   T=20.	315	I-10 Cst & PI	12168+31.76	554881.72	895923.91	SIMPLE Δ=5°14'14	1" Rt	D=0°20'00"	R=17188.73'	L=1571.13'	T=786.11'	Ext=17.97'	NC
1285+29.78   544677.22   901543.25   SIMPLE   D=0*40*00*   R=8594.37*   L=417.18*   T=2127.52*   Ext=259.42*   2.82*	316	I-10 Cst & PI	12188+90.70	553105.67	896967.65	SIMPLE Δ=5°19'11	l" L†	D=0°20'00"	R=17188.73'	L=1595 <b>.</b> 91'	T=798.53'	Ext=18.54'	NC
19   1-10 Cet   P    12322+09.34   542282.44   904446.41   SIMPLE   Δ=1°02'48" L.T   D=0°15'00"   R=22918.31"   L=418.68"   T=209.34"   Ext=0.96"   NC	317	I-10 Cst € PI	12231+86.42	549618.94	899478.79	SIMPLE Δ=13°05'1	7" Rt	D=0°28'00"	R=12277.67'	L=2804.60'	T=1408.43'	Ext=80.52'	NC
1236+29.82   542020.84   904775.62   SIMPLE   Δ=1*03*20* Rt   D=0*15*00*   R=22918.31*   L=422.28*   T=211.14*   Ext=0.97*   NC	318	I-10 Cst & PI	12285+29.78	544677.22	901543.25	SIMPLE Δ=27°48'2	28" L†	D=0°40'00"	R=8594.37'	L=4171 <b>.</b> 18'	T=2127.52'	Ext=259.42'	2.8%
321   1-10 Cst & P    12442+45.13   534628.23   913734.69   SIMPLE   Δ=2*4814* Rt   D=0*2000*   R=17188.73*   L=841.18*   T=420.67*   Ext=5.15*   NC	319	I-10 Cst & PI	12322+09.34	542282.44	904446.41	SIMPLE Δ=1°02'48	8" L+	D=0°15'00"	R=22918.31'	L=418.68'	T=209.34'	Ext=0.96'	NC
322   I-10 Cst \( \text{P} \)   12457+41.23   53362.66   914840.82   SIMPLE   \( \text{A=2'32'39'} \) Lt   D=0'20'00'   R=17188.73'   L=763.21'   T=381.67'   Ext=4.24'   NC     323   I-10 Cst \( \text{P} \)   12485+30.12   531835.79   916983.96   SIMPLE   \( \text{A=3'2'254'} \) Lt   D=0'20'00'   R=17188.73'   L=1014.49'   T=507.39'   Ext=7.49'   NC     324   I-10 Cst \( \text{P} \)   12501+26.63   53088.08   918269.12   SIMPLE   \( \text{A=3'2'254'} \) Lt   D=0'20'00'   R=17188.73'   L=1020.51'   T=510.41'   Ext=7.59'   NC     325   I-10 Cst \( \text{P} \)   12706+64.81   517746.69   934052.96   SIMPLE   \( \text{A=2'11'25'} \) Rt   D=0'15'00'   R=22918.31'   L=876.16'   T=438.13'   Ext=4.19'   NC     330   I-8 Cst \( \text{P} \)   3262+49.86   668731.35   761301.92   SIMPLE   \( \text{A=62'5'4'41'} \) Rt   D=1'00'00'   R=5729.58'   L=6291.14'   T=3505.00'   Ext=987.05'   4.12'     401   E8 Frontage Road Cst \( \text{P} \)   10579+91.62   656677.22   777363.36   SIMPLE   \( \text{A=4'38'17'} \) Lt   D=0'45'00'   R=7639.44'   L=618.40'   T=309.37'   Ext=6.26'   NC     403   E8 Frontage Road Cst \( \text{P} \)   10732+85.65   647726.17   799761.24   SIMPLE   \( \text{A=4'40'36'} \) Rt   D=0'45'00'   R=7639.44'   L=618.40'   T=309.37'   Ext=6.26'   NC     404   E8 Frontage Road Cst \( \text{P} \)   10744+0.08   647036.57   799559.38   SIMPLE   \( \text{A=4'40'36'} \) Rt   D=0'45'00'   R=7639.44'   L=623.56'   T=311.95'   Ext=6.37'   NC     405   E8 Frontage Road Cst \( \text{P} \)   107649917   645126.10   793320.19   SIMPLE   \( \text{A=4'40'36'} \) Rt   D=0'45'00'   R=7639.44'   L=618.40'   T=309.37'   Ext=6.26'   NC     406   E8 Frontage Road Cst \( \text{P} \)   107649917   645126.10   793320.19   SIMPLE   \( \text{A=4'38'17'} \) Rt   D=0'45'00'   R=7639.44'   L=618.40'   T=309.37'   Ext=6.26'   NC     407   E8 Frontage Road Cst \( \text{P} \)   10984+92.16   632659.83   810110.12   SIMPLE   \( \text{A=4'38'17'} \) Rt   D=0'45'00'   R=7639.44'   L=618.40'   T=309.37'   Ext=6.26'   NC     408   E8 Frontage R	320	I-10 Cst € PI	12326+29.82	542020.84	904775.62	SIMPLE Δ=1°03'20	)" R+	D=0°15'00"	R=22918.31'	L=422.28'	T=211.14'	Ext=0.97'	NC
323   I-IO Csf € PI   12485+30.12   531835.79   916983.96   SIMPLE   Δ=3°22′54° Lf   D=0°20′00°   R=17188.73′   L=1014.49′   T=507.39′   Exf=7.49′   NC     324   I-IO Csf € PI   12501+26.63   530888.08   918269.12   SIMPLE   Δ=3°24′06° Rf   D=0°20′00°   R=17188.73′   L=1020.51′   T=510.41′   Exf=7.58′   NC     325   I-IO Csf € PI   12706+64.81   517746.69   934052.96   SIMPLE   Δ=2°11′25′ Rf   D=0°15′00°   R=2918.31′   L=876.16′   T=438.13′   Exf=4.19′   NC     330   I-8 Csf €   3262+49.86   668731.35   761301.92   SIMPLE   Δ=62°54′41′ Rf   D=1°00′00°   R=5729.58′   L=6291.14′   T=3505.00′   Exf=987.05′   4.1X     401   EB Frontage Road Csf € PI   10579+91.62   656677.22   777363.36   SIMPLE   Δ=4°3817′ Lf   D=0°45′00′   R=7639.44′   L=618.40′   T=309.37′   Exf=6.26′   NC     403   EB Frontage Road Csf € PI   10732+85.65   647726.17   789761.24   SIMPLE   Δ=4°4′036′ Rf   D=0°45′00′   R=7639.44′   L=623.56′   T=311.95′   Exf=6.37′   NC     404   EB Frontage Road Csf € PI   10743+40.08   647036.57   790559.38   SIMPLE   Δ=4°3817′ Rf   D=0°45′00′   R=7639.44′   L=623.56′   T=311.95′   Exf=6.37′   NC     405   EB Frontage Road Csf € PI   10764535.94   645682.01   792413.48   SIMPLE   Δ=4°3817′ Rf   D=0°45′00′   R=7639.44′   L=623.56′   T=309.37′   Exf=6.26′   NC     406   EB Frontage Road Csf € PI   1076499.17   64526.10   793320.19   SIMPLE   Δ=4°3817′ Rf   D=0°45′00′   R=7639.44′   L=623.56′   T=309.37′   Exf=6.26′   NC     407   EB Frontage Road Csf € PI   1076499.17   64526.10   793320.19   SIMPLE   Δ=4°3817′ Rf   D=0°45′00′   R=7639.44′   L=623.56′   T=309.37′   Exf=6.26′   NC     408   EB Frontage Road Csf € PI   1076499.17   64526.10   793320.19   SIMPLE   Δ=4°3817′ Rf   D=0°45′00′   R=7639.44′   L=623.56′   T=309.37′   Exf=6.26′   NC     407   EB Frontage Road Csf € PI   1098492.16   632859.83   810110.12   SIMPLE   Δ=2°21′21′ Rf   D=0°45′00′   R=7639.44′   L=618.40′   T=309.37′   Exf=6.26′   NC     408   EB Frontage Road Csf € PI   10997484.81   632054.94   811121.76   SIMPLE   Δ=2°01′30′   R=7639.44′	321	I-10 Cst & PI	12442+45.13	534628.23	913734.69	SIMPLE Δ=2°48'14	4" R†	D=0°20'00"	R=17188.73'	L=841.18'	T=420.67'	Ext=5.15'	NC
324    -10 Cst € Pl	322	I-10 Cst & PI	12457+41.23	533620.61	914840.82	SIMPLE Δ=2°32'3	9" L†	D=0°20'00"	R=17188.73'	L=763 <b>.</b> 21'	T=381.67'	Ext=4.24'	NC
325   I-IO CST & PI   12706+64.81   517746.69   934052.96   SIMPLE   A=2*11'25* RT   D=0*15'00*   R=22918.31'   L=876.16'   T=438.13'   Ext=4.19'   NC	323	I-10 Cst € PI	12485+30.12	531835.79	916983.96	SIMPLE Δ=3°22'5	4" L†	D=0°20'00"	R=17188.73'	L=1014.49'	T=507.39'	Ext=7.49'	NC
330   1-8 Cst \( \) 3262+49.86   668731.35   761301.92   SIMPLE   \( \begin{array}{c c c c c c c c c c c c c c c c c c c	324	I-10 Cst & PI	12501+26.63	530888.08	918269.12	SIMPLE Δ=3°24'0	6" Rt	D=0°20'00"	R=17188.73'	L=1020.51'	T=510.41'	Ext=7.58'	NC
401   EB Frontage Road Cst € Pl   10579+91.62   656677.22   777363.36   SIMPLE   Δ=4*38*17* Lt   D=0*45*00*   R=7639.44*   L=618.40*   T=309.37*   Ext=6.26*   NC	325	I-10 Cst & PI	12706+64.81	517746.69	934052.96	SIMPLE Δ=2°11'25	5" Rt	D=0°15'00"	R=22918.31'	L=876 <b>.</b> 16'	T=438.13'	Ext=4.19'	NC
401   EB Frontage Road Cst € Pl   10579+91.62   656677.22   777363.36   SIMPLE   Δ=4*38*17* Lt   D=0*45*00*   R=7639.44*   L=618.40*   T=309.37*   Ext=6.26*   NC													
402 EB Frontage Road Cst € Pl 10590+54.84 656121.31 778270.07 SIMPLE Δ=4°38′17° Rt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 403 EB Frontage Road Cst € Pl 10732+85.65 647726.17 789761.24 SIMPLE Δ=4°40′36° Rt D=0°45′00° R=7639.44′ L=623.56′ T=311.95′ Ext=6.37′ NC 404 EB Frontage Road Cst € Pl 10743+40.08 647036.57 790559.38 SIMPLE Δ=4°40′36° Lt D=0°45′00° R=7639.44′ L=623.56′ T=311.95′ Ext=6.37′ NC 405 EB Frontage Road Cst € Pl 10766+35.94 645682.01 792413.48 SIMPLE Δ=4°38′17° Lt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 406 EB Frontage Road Cst € Pl 10776+99.17 645126.10 793320.19 SIMPLE Δ=4°38′17° Rt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 407 EB Frontage Road Cst € Pl 10984+92.16 632859.83 810110.12 SIMPLE Δ=2°21′21° Rt D=0°15′00° R=7639.44′ L=1074.46′ T=538.12′ Ext=4.84′ NC 408 EB Frontage Road Cst € Pl 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03′30° Lt D=0°45′00° R=7639.44′ L=1074.46′ T=538.12′ Ext=4.84′ NC	330	I-8 Cst @	3262+49.86	668731.35	761301.92	SIMPLE Δ=62°54'4	41" Rt	D=1°00'00"	R=5729.58'	L=6291.14'	T=3505 <b>.</b> 00'	Ext=987.05'	4.1%
402 EB Frontage Road Cst € Pl 10590+54.84 656121.31 778270.07 SIMPLE Δ=4°38′17° Rt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 403 EB Frontage Road Cst € Pl 10732+85.65 647726.17 789761.24 SIMPLE Δ=4°40′36° Rt D=0°45′00° R=7639.44′ L=623.56′ T=311.95′ Ext=6.37′ NC 404 EB Frontage Road Cst € Pl 10743+40.08 647036.57 790559.38 SIMPLE Δ=4°40′36° Lt D=0°45′00° R=7639.44′ L=623.56′ T=311.95′ Ext=6.37′ NC 405 EB Frontage Road Cst € Pl 10766+35.94 645682.01 792413.48 SIMPLE Δ=4°38′17° Lt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 406 EB Frontage Road Cst € Pl 10776+99.17 645126.10 793320.19 SIMPLE Δ=4°38′17° Rt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 407 EB Frontage Road Cst € Pl 10984+92.16 632859.83 810110.12 SIMPLE Δ=2°21′21° Rt D=0°15′00° R=7639.44′ L=1074.46′ T=538.12′ Ext=4.84′ NC 408 EB Frontage Road Cst € Pl 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03′30° Lt D=0°45′00° R=7639.44′ L=1074.46′ T=538.12′ Ext=4.84′ NC													
403 EB Frontage Road Cst € Pl 10732+85.65 647726.17 789761.24 SIMPLE Δ=4°40′36° Rt D=0°45′00° R=7639.44′ L=623.56′ T=311.95′ Ext=6.37′ NC 404 EB Frontage Road Cst € Pl 10743+40.08 647036.57 790559.38 SIMPLE Δ=4°40′36° Lt D=0°45′00° R=7639.44′ L=623.56′ T=311.95′ Ext=6.37′ NC 405 EB Frontage Road Cst € Pl 1076+95.94 645682.01 792413.48 SIMPLE Δ=4°38′17° Lt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 406 EB Frontage Road Cst € Pl 10776+99.17 645126.10 793320.19 SIMPLE Δ=4°38′17° Rt D=0°45′00° R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 407 EB Frontage Road Cst € Pl 10984+92.16 632859.83 810110.12 SIMPLE Δ=2°21′21° Rt D=0°45′00° R=22918.31′ L=942.38′ T=471.25′ Ext=4.84′ NC 408 EB Frontage Road Cst € Pl 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03′30° Lt D=0°45′00° R=7639.44′ L=1074.46′ T=538.12′ Ext=18.93′ NC	401	EB Frontage Road Cst & PI	10579+91.62	656677.22	777363.36	SIMPLE Δ=4°38'1'	7" L+	D=0°45'00"	R=7639.44'	L=618 <b>.</b> 40'	T=309.37'	Ext=6.26'	NC
404 EB Frontage Road Cst € PI 10743+40.08 647036.57 790559.38 SIMPLE Δ=4°40′36" Lt D=0°45′00" R=7639.44′ L=623.56′ T=311.95′ Ext=6.37′ NC 405 EB Frontage Road Cst € PI 10766+35.94 645682.01 792413.48 SIMPLE Δ=4°38′17" Lt D=0°45′00" R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 406 EB Frontage Road Cst € PI 10776+99.17 645126.10 793320.19 SIMPLE Δ=4°38′17" Rt D=0°45′00" R=7639.44′ L=618.40′ T=309.37′ Ext=6.26′ NC 407 EB Frontage Road Cst € PI 10984+92.16 632859.83 810110.12 SIMPLE Δ=2°21′21" Rt D=0°15′00" R=2918.31′ L=942.38′ T=471.25′ Ext=4.84′ NC 408 EB Frontage Road Cst € PI 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03′30" Lt D=0°45′00" R=7639.44′ L=1074.46′ T=538.12′ Ext=18.93′ NC	402	EB Frontage Road Cst & PI	10590+54.84	656121.31	778270.07	SIMPLE Δ=4°38'1'	7" R+	D=0°45'00"	R=7639.44'	L=618 <b>.</b> 40'	T=309.37'	Ext=6.26'	NC
405 EB Frontage Road Cst & PI 10766+35.94 645682.01 792413.48 SIMPLE Δ=4°38'17" Lt D=0°45'00" R=7639.44' L=618.40' T=309.37' Ext=6.26' NC 406 EB Frontage Road Cst & PI 10776+99.17 645126.10 793320.19 SIMPLE Δ=4°38'17" Rt D=0°45'00" R=7639.44' L=618.40' T=309.37' Ext=6.26' NC 407 EB Frontage Road Cst & PI 10984+92.16 632859.83 810110.12 SIMPLE Δ=2°21'21" Rt D=0°45'00" R=2918.31' L=942.38' T=471.25' Ext=4.84' NC 408 EB Frontage Road Cst & PI 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03'30" Lt D=0°45'00" R=7639.44' L=1074.46' T=538.12' Ext=18.93' NC	403	EB Frontage Road Cst & PI	10732+85.65	647726.17	789761.24	SIMPLE Δ=4°40'3	6" Rt	D=0°45'00"	R=7639.44'	L=623 <b>.</b> 56'	T=311.95'	Ext=6.37'	NC
406 EB Frontage Road Cst € PI 10776+99.17 645126.10 793320.19 SIMPLE Δ=4°38'17" Rt D=0°45'00" R=7639.44' L=618.40' T=309.37' Ext=6.26' NC 407 EB Frontage Road Cst € PI 10984+92.16 632859.83 810110.12 SIMPLE Δ=2°21'21" Rt D=0°15'00" R=22918.31' L=942.38' T=471.25' Ext=4.84' NC 408 EB Frontage Road Cst € PI 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03'30" Lt D=0°45'00" R=7639.44' L=1074.46' T=538.12' Ext=18.93' NC	404	EB Frontage Road Cst & PI	10743+40.08	647036.57	790559.38	SIMPLE Δ=4°40'3	6" L†	D=0°45'00"	R=7639.44'	L=623.56'	T=311.95'	Ext=6.37'	NC
407 EB Frontage Road Cst & PI 10984+92.16 632859.83 810110.12 SIMPLE Δ=2°21'21" Rt D=0°15'00" R=22918.31' L=942.38' T=471.25' Ext=4.84' NC 408 EB Frontage Road Cst & PI 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03'30" Lt D=0°45'00" R=7639.44' L=1074.46' T=538.12' Ext=18.93' NC	405	EB Frontage Road Cst & PI	10766+35.94	645682.01	792413.48	SIMPLE Δ=4°38'1	7" L†	D=0°45'00"	R=7639.44'	L=618.40'	T=309.37'	Ext=6.26'	NC
408 EB Frontage Road Cst € PI 10997+84.81 632054.94 811121.76 SIMPLE Δ=8°03'30" L† D=0°45'00" R=7639.44' L=1074.46' T=538.12' Ex+=18.93' NC	406	EB Frontage Road Cst & PI	10776+99.17	645126.10	793320.19	SIMPLE Δ=4°38'1	7" R†	D=0°45'00"	R=7639.44'	L=618.40'	T=309.37'	Ext=6.26'	NC
	407	EB Frontage Road Cst & PI	10984+92.16	632859.83	810110.12	SIMPLE Δ=2°21'2	l" Rt	D=0°15'00"	R=22918.31'	L=942.38'	T=471.25'	Ex+=4.84'	NC
409 EB Frontage Road Cst € PI 11011+47.52 631363.47 812298.07 SIMPLE Δ=5°25'28" Lt D=0°19'42" R=17444.00' L=1651.51' T=826.37' Ext=19.56' NC	408	EB Frontage Road Cst & PI	10997+84.81	632054.94	811121.76	SIMPLE Δ=8°03'3	0" L†	D=0°45'00"	R=7639.44'	L=1074.46'	T=538.12'	Ext=18.93'	NC
	409	EB Frontage Road Cst & PI	11011+47.52	631363.47	812298.07	SIMPLE Δ=5°25'2	8" L†	D=0°19'42"	R=17444.00'	L=1651.51'	T=826.37'	Ext=19.56'	NC

DESIGN MK, LF 11/10
DRAWN WE, JK 11/10
DRAWN WE, JK 11/10
CRECKED RB, JG 11/10

TAMMEPORTATION INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

CURVE DATA SHEET

CONSTRUCTION
OR RECORDING
DWG. No. C-2.1

TRACES NO. H6773 OIL

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

FINAL
DCR
Review
NOT FOR
CONSTRUCTION
OR RECORDING
DWG. No. C-2.1

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Туре Δ	Degree	Radius	Length	Tangent	External	Super
410	EB Frontage Road Cst & PI	11029+47.48	630601.57	813930.19	SIMPLE Δ=9°43'29" L+	D=0°30'00"	R=11459 <b>.</b> 16'	L=1944 <b>.</b> 97'	T=974.82'	Ex+=41.39'	NC
411	EB Frontage Road Cst @ PI	11091+10.74	628974.12	819879.55	SIMPLE Δ=5°00'00" R+	D=0°45'00"	R=7639.37'	L=666.66'	T=333.54'	Ex+=7.28'	NC
412	EB Frontage Road Cst @ PI	11109+15.02	628348.03	821572.17	SIMPLE Δ=14°48'00" R+	D=1°30'00"	R=3819.72'	L=986.67'	T=496.09'	Ext=32.08'	3.7%
413	EB Frontage Road Cst @ PI	11119+88.95	627727.35	822455.34	SIMPLE Δ=15°03'53" L+	D=2°58'53"	R=1921.86'	L=505 <b>.</b> 31'	T=254.12'	Ex+=16.73'	4.4%
414	EB Frontage Road Cst @ PI	11133+91.84	627245.75	823776.09	SIMPLE Δ=12°29'30" R+	D=1°45'00"	R=3274.04'	L=713.81'	T=358.32'	Ex+=19.55'	3.2%
415	EB Frontage Road Cst @ PI	11159+74.35	625855.65	825955.92	SIMPLE Δ=3°38'13" R+	D=0°30'00"	R=11459.06'	L=727.38'	T=363.81'	Ext=5.77'	NC
416	EB Frontage Road Cst @ PI	11264+05.81	619709.93	834364.42	SIMPLE Δ=4°56'07" L†	D=0°45'00"	R=7639.44'	L=658.05'	T=329.23'	Ex+=7.09'	NC
417	EB Frontage Road Cst @ PI	11286+37.06	618552.95	836272.74	SIMPLE Δ=4°56'07" R†	D=0°45'00"	R=7639.44'	L=658.04'	T=329.22'	Ext=7.09'	NC
418	EB Frontage Road Cst @ PI	11530+25.82	604161.73	855962.64	SIMPLE Δ=7°29'58" R+	D=0°20'13"	R=17010.73'	L=2226.50'	T=1114.84'	Ext=36.49'	NC
419	EB Frontage Road Cst @ PI	11566+02.60	601690.10	858552.47	SIMPLE Δ=4°46'38" L†	D=0°15'00"	R=22918.31'	L=1910 <b>.</b> 84'	T=955.98'	Ex+=19.93'	NC
420	EB Frontage Road Cst @ PI	11585+78.45	600449.04	860091.36	SIMPLE Δ=2°53'52" R†	D=0°20'00"	R=17188.73'	L=869 <b>.</b> 35'	T=434.77'	Ex+=5.50'	NC
421	EB Frontage Road Cst @ PI	11593+98.57	599902.47	860703.03	SIMPLE Δ=4°30'00" L†	D=0°45'00"	R=7639.44'	L=600.00'	T=300.15'	Ext=5.89'	2.8%
422	EB Frontage Road Cst @ PI	11608+35.56	599031.82	861846.63	SIMPLE Δ=4°30'00" L†	D=0°45'00"	R=7639.44'	L=599 <b>.</b> 99'	T=300.15'	Ext=5.89'	NC
423	EB Frontage Road Cst & PI	11618+93.14	598459.02	862736.02	SIMPLE Δ=4°30'00" R†	D=0°45'00"	R=7639.44'	L=600 <b>.</b> 00'	T=300.15'	Ext=5.89'	NC
424	EB Frontage Road Cst @ PI	11641+80.72	597073.13	864556.39	SIMPLE Δ=8°42'06" R†	D=0°30'28"	R=11281.16'	L=1713.28'	T=858.29'	Ext=32.60'	NC
425	EB Frontage Road Cst @ PI	11689+64.39	593630.57	867882.63	SIMPLE Δ=8°20'12" R+	D=0°30'28"	R=11281.16'	L=1641.43'	T=822.17'	Ext=29.92'	NC
426	EB Frontage Road Cst @ PI	11901+94.30	576383.18	880266.48	SIMPLE Δ=4°06'22" R†	D=0°20'13"	R=17010.74'	L=1219.08'	T=609.80'	Ex+=10.93'	NC
427	EB Frontage Road Cst @ PI	11925+13.57	574406.77	881481.07	SIMPLE Δ=4°51'11" L†	D=0°30'00"	R=11459.16'	L=970.61'	T=485.59'	Ext=10.28'	NC
428	EB Frontage Road Cst @ PI	11961+87.76	571449.95	883663.08	SIMPLE   Δ=6°15'11" L+	D=0°45'00"	R=7639.44'	L=833.75'	T=417.29'	Ex+=11.39'	NC
429	EB Frontage Road Cst @ PI	11971+56.79	570736.94	884320.54	SIMPLE   Δ=7°00'00" R+	D=0°45'00"	R=7639.44'	L=933.34'	T=467.25'	Ex+=14.28'	NC
430	EB Frontage Road Cst @ PI	12166+87.90	554870.89	895712.56	SIMPLE Δ=7°59'49" R+	D=0°30'00"	R=11459.16'	L=1599.36'	T=800.98'	Ext=27.96'	NC
431	EB Frontage Road Cst @ PI	12185+50.58	553219.11	896579.10	SIMPLE Δ=8°04'46" L†	D=0°45'00"	R=7639.44'	L=1077.24'	T=539.52'	Ex+=19.03'	2.0%
432	EB Frontage Road Cst @ PI	12209+55.64	551266.05	897985.69	SIMPLE Δ=2°43'29" L†	D=0°20'00"	R=17188.73'	L=817.46'	T=408.81'	Ex+=4.86'	NC
433	EB Frontage Road Cst @ PI	12230+28.14	549643.66	899275.55	SIMPLE Δ=15°48'46" R+	D=0°30'00"	R=11459.16'	L=3162.58'	T=1591.40'	Ex+=109.98'	NC
434	EB Frontage Road Cst @ PI	12273+77.11	545612.13	900959.77	SIMPLE Δ=13°33'02" L+	D=0°39'11"	R=8772.37'	L=2074.68'	T=1042.20'	Ex+=61.69'	NC
435	EB Frontage Road Cst @ PI	12296+06.72	543805.62	902283.09	SIMPLE Δ=9°41'26" L+	D=0°39'07"	R=8790.00'	L=1486.69'	T=745.12'	Ex+=31.53'	NC
436	EB Frontage Road Cst @ PI	12318+44.58	542246.21	903893.10	SIMPLE Δ=13°43'17" L†	D=1°30'00"	R=3819.72'	L=914.75'	T=459.58'	Ext=27.55'	3.7%
437	EB Frontage Road Cst @ PI	12332+92.31	541512.16	905146.04	SIMPLE Δ=9°09'17" R†	D=0°45'00"	R=7639.44'	L=1220.62'	T=611.61'	Ext=24.44'	NC
438	EB Frontage Road Cst @ PI	12446+44.61	534286.67	913905.39	SIMPLE Δ=6°28'01" R+	D=0°45'00"	R=7639.44'	L=862.26'	T=431.59'	Ext=12.18'	NC
439	EB Frontage Road Cst @ PI	12459+35.39	533357.73	914802.91	SIMPLE Δ=5°11'53" L+	D=0°30'00"	R=11459.16'	L=1039.60'	T=520.15'	Ex+=11.80'	NC
440	EB Frontage Road Cst @ PI	12480+97.83	531944.63	916440.71	SIMPLE Δ=9°09'15" L+	D=0°45'00"	R=7639.44'	L=1220.54'	T=611.57'	Ext=24.44'	NC
441	EB Frontage Road Cst @ PI	12497+11.49	531096.92	917816.83	SIMPLE   Δ=8°09'15" R+	D=0°45'00"	R=7639.44'	L=1087.21'	T=544.52'	Ex+=19.38'	NC
442	EB Frontage Road Cst @ PI	12527+74.96	529135.29	920172.27	SIMPLE Δ=2°00'00" R†	D=0°15'00"	R=22918.31'	L=800.00'	T=400.04'	Ext=3.49'	NC
443	EB Frontage Road Cst @ PI	12535+83.42	528602.14	920768.82	SIMPLE Δ=2°00'00" L†	D=0°15'00"	R=22918.31'	L=800.00'	T=400.04'	Ext=3.49'	NC
444	EB Frontage Road Cst @ PI	12704+94.73	517638.51	933998.30	SIMPLE Δ=3°19'15" R+	D=0°25'00"	R=13750.99'	L=797 <b>.</b> 03'	T=398.63'	Ext=5.78'	NC
451	EB Selma Frontage Road Cst & PI	3399+71.72	672270.06	770354.62	SIMPLE Δ=9°11'15" L†	D=0°45'00"	R=7639.44'	L=1225.00'	T=613.82'	Ext=24.62'	NC
452	EB Selma Frontage Road Cst & PI	3415+32.27	670733.32	770640.91	SIMPLE Δ=6°14'18" R+	D=0°45'00"	R=7639.44'	L=831.79'	T=416.31'	Ex+=11.33'	NC
453	EB Selma Frontage Road Cst & PI	3439+71.81	668299.87	770824.51	SIMPLE Δ=42°03'15" R+	D=4°15'00"	R=1348.14'	L=989.51'	T=518.23'	Ex+=96.18'	3.7%
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PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Туре Δ	Degree	Radius	Length	Tangent	External	Super
461	WB Frontage Road Cst & PI	10581+57.32	657005.81	777808.63	SIMPLE Δ=4°40'36"	R+ D=0°45'00"	R=7639.44'	L=623.56'	T=311.95'	Ext=6.37'	NC
462	WB Frontage Road Cst @ PI	10592+11.76	656316 <b>.</b> 21	778606.76	SIMPLE Δ=4°40'36"	_+ D=0°45'00"	R=7639.44'	L=623.56'	T=311.95'	Ext=6.37'	NC
463	WB Frontage Road Cst @ PI	10733+33.18	647985.60	790009.62	SIMPLE Δ=4°38'17"	.+ D=0°45'00"	R=7639.44'	L=618.40'	T=309.37'	Ext=6.26'	NC
464	WB Frontage Road Cst @ PI	10743+96.40	647429.69	790916.33	SIMPLE Δ=4°38'17"	R+ D=0°45'00"	R=7639.44'	L=618.40'	T=309.37'	Ext=6.26'	NC
465	WB Frontage Road Cst @ PI	10766+83.10	646080.53	792763.04	SIMPLE Δ=4°40'36"	R+ D=0°45'00"	R=7639.44'	L=623.56'	T=311.95'	Ext=6.37'	NC
466	WB Frontage Road Cst @ PI	10777+37.54	645390.93	793561.17	SIMPLE Δ=4°40'36"	_+ D=0°45'00"	R=7639.44'	L=623.56'	T=311.95'	Ext=6.37'	NC
467	WB Frontage Road Cst @ PI	10992+13.76	632721.62	810902.78	SIMPLE Δ=9°01'53"	.+ D=0°45'00"	R=7639.44'	L=1204.17'	T=603.34'	Ext=23.79'	NC
468	WB Frontage Road Cst @ PI	11002+30.58	632256.96	811810.03	SIMPLE Δ=2°04'47"	R+ D=0°15'00"	R=22918.31'	L=831.87'	T=415.98'	Ext=3.77'	NC
469	WB Frontage Road Cst @ PI	11012+86.30	631741.89	812731.69	SIMPLE Δ=4°19'56"	.† D=0°20'19"	R=16916.00'	L=1279.07'	T=639.84'	Ext=12.10'	NC
470	WB Frontage Road Cst @ PI	11023+41.45	631297.93	813689.56	SIMPLE Δ=2°04'46"	R+ D=0°15'00"	R=22918.31'	L=831 <b>.</b> 75'	T=415.92'	Ext=3.77'	NC
471	WB Frontage Road Cst @ PI	11033+50.49	630840.63	814589.13	SIMPLE Δ=8°52'49"	_+ D=0°45'00"	R=7639.44'	L=1184.05'	T=593.21'	Ext=23.00'	NC
472	WB Frontage Road Cst @ PI	11043+51.92	630529.34	815543.45	SIMPLE Δ=2°46'01"	.+ D=0°20'13"	R=17002.00'	L=821.04'	T=410.60'	Ext=4.96'	NC
473	WB Frontage Road Cst & PI	11082+98.24	629488.03	819350.07	SIMPLE Δ=4°26'19"	.† D=0°45'00"	R=7639.44'	L=591.81'	T=296.06'	Ext=5.73'	NC
474	WB Frontage Road Cst @ PI	11099+55.75	629175.67	820978.19	SIMPLE Δ=13°28'04"	R+ D=0°50'00"	R=6875.43'	L=1616.12'	T=811.80'	Ext=47.76'	2.1%
475	WB Frontage Road Cst @ PI	11130+53.68	627896.35	823807.84	SIMPLE Δ=11°50'04"	R+ D=2°00'00"	R=2864.76'	L=591.72'	T=296.92'	Ext=15.35'	3.5%
476	WB Frontage Road Cst @ PI	11264+19.89	620026.38	834575.43	SIMPLE Δ=4°56'07"	_+ D=0°45'00"	R=7639.44'	L=658.05'	T=329.23'	Ext=7.09'	NC
477	WB Frontage Road Cst @ PI	11283+72.26	619013.99	836245.27	SIMPLE Δ=4°56'07"	R+ D=0°45'00"	R=7639.44'	L=658.05'	T=329.23'	Ext=7.09'	NC
479	WB Frontage Road Cst @ PI	11530+78.23	604435.35	856191.57	SIMPLE Δ=7°29'58"	R+ D=0°19'48"	R=17366.73'	L=2273.09'	T=1138.17'	Ext=37.26'	NC
480	WB Frontage Road Cst @ PI	11566+01.09	602000.91	858742.44	SIMPLE Δ=6°22'45"	_+ D=0°30'00"	R=11459.16'	L=1275.84'	T=638.58'	Ext=17.78'	NC
481	WB Frontage Road Cst @ PI	11602+64.05	599781.27	861657.94	SIMPLE Δ=5°00'00"	R+ D=0°56'00"	R=6138.83'	L=535.71'	T=268.03'	Ext=5.85'	NC
482	WB Frontage Road Cst & PI	11609+44.86	599322.99	862161.88	SIMPLE Δ=7°42'00"	_+ D=0°56'00"	R=6138.83'	L=825 <b>.</b> 00'	T=413.12'	Ext=13.89'	NC
483	WB Frontage Road Cst @ PI	11620+49.23	598695.45	863072.14	SIMPLE Δ=4°06'44"	Rt D=0°20'00"	R=17188.73'	L=1233.63'	T=617.08'	Ext=11.07'	NC
484	WB Frontage Road Cst @ PI	11643+82.61	597236.35	864893.71	SIMPLE Δ=7°17'22"	R+ D=0°29'32"	R=11637.16'	L=1480.53'	T=741.27'	Ext=23.58'	NC
485	WB Frontage Road Cst & PI	11690+76.52	593859 <b>.</b> 27	868156.68	SIMPLE Δ=8°20'12"	R+ D=0°29'32"	R=11637.16'	L=1693 <b>.</b> 25'	T=848.12'	Ext=30.86'	NC
486	WB Frontage Road Cst @ PI	11904+04.82	576531.88	880597.96	SIMPLE Δ=4°30'00"	R+ D=0°19'48"	R=17366.74'	L=1363 <b>.</b> 96'	T=682.33'	Ext=13.40'	NC
487	WB Frontage Road Cst & PI	11924+19.08	574807.96	881641.13	SIMPLE Δ=7°30'00"	_+ D=0°20'00"	R=17188.73'	L=2250.02'	T=1126.62'	Ext=36.88'	NC
488	WB Frontage Road Cst & PI	11954+74.83	572419.95	883552.84	SIMPLE Δ=3°00'00"	R+ D=0°25'00"	R=13750.99'	L=720.03'	T=360.10'	Ext=4.71'	NC
489	WB Frontage Road Cst @ PI	12174+61.44	554560.10	896376.43	SIMPLE Δ=5°40'39"	R+ D=0°40'00"	R=8594.38'	L=851.63'	T=426.17'	Ext=10.56'	NC
490	WB Frontage Road Cst @ PI	12185+09.24	553652.10	896900.69	SIMPLE Δ=5°45'36"	_+ D=0°40'00"	R=8594.38'	L=864 <b>.</b> 01'	T=432.37'	Ex+=10.87'	NC
491	WB Frontage Road Cst & PI	12229+34.13	550060.89	899487.07	SIMPLE Δ=13°05'17"	R+ D=0°30'00"	R=11459.16'	L=2617.61'	T=1314.52'	Ext=75.15'	NC
492	WB Frontage Road Cst @ PI	12275+13.58	545824.79	901256.75	SIMPLE Δ=12°59'25"	L† D=0°40'51"	R=8416.37'	L=1908 <b>.</b> 17'	T=958.20'	Ext=54.37'	NC
493	WB Frontage Road Cst @ PI	12292+97.63	544368.65	902301.68	SIMPLE Δ=20°37'34"	L† D=1°15'00"	R=4583.66'	L=1650.09'	T=834.07'	Ext=75.27'	3.1%
494	WB Frontage Road Cst @ PI	12306+70.42	543596.74	903458.66	SIMPLE Δ=12°22'30"	R+ D=1°30'00"	R=3819.72'	L=825.00'	T=414.11'	Ext=22.38'	3.7%
495	WB Frontage Road Cst @ PI	12318+94.84	542712.38	904310.14	SIMPLE Δ=6°17'51" Ι	.+ D=0°45'00"	R=7639.44'	L=839.68'	T=420,26'	Ext=11.55'	NC
496	WB Frontage Road Cst @ PI	12710+11.95	517679.01	934369.16	SIMPLE Δ=2°09'16"	R+ D=0°15'00"	R=22918.31'	L=861.78'	T=430.94'	Ext=4.05'	NC
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PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Туре	Δ	Degree	Radius	Length	Tangent	External	Super
498	WB Selma Frontage Road Cst & PI	2433+51.34	668914.75	771137.32	SIMPLE	Δ=18°11'44" L+	D=2°00'00"	R=2864.79'	L=909.77'	T=458.75'	Ext=36.50'	2.7%
499	WB Selma Frontage Road Cst & PI	2448+21.23	667544.23	771689.59	SIMPLE	Δ=46°30'37 <b>"</b> R <del>†</del>	D=3°45'00"	R=1527.89'	L=1240.27'	T=656.59'	Ext=135.11'	3.6%
501	Selma Highway Ramp A Cst & Pi	14+49.55	674999.20	770703.48	SIMPLE	Δ=6°44'08" L†	D=0°45'00"	R=7639.44'	L=898.07'	T=449.55'	Ext=13.22'	2.5%
502	Selma Highway Ramp A Cst & Pi	26+61.12	673793.91	770836.47	SIMPLE	Δ=4°41'08" R+	D=0°52'30"	R=6548.09'	L=535.51'	T=267.90'	Ext=5.48'	NC
503	Selma Highway Ramp B Cst & PI	14+34.03	675254.14	770477.44	SIMPLE	Δ=6°30'13" R†	D=0°45'00"	R=7639.44'	L=867.14'	T=434.03'	Ext=12.32'	2.8%
504	Selma Highway Ramp B Cst & PI	27+74.89	673922.19	770315.24	SIMPLE	Δ=8°18'31" L+	D=1°00'00"	R=5729.58'	L=830.86'	T=416.16'	Ext=15.09'	NC
505	Selma Highway Ramp C Cst @ PI	13+03.61	672302.24	770903.13	SIMPLE	Δ=4°33'06" R†	D=0°45'00"	R=7639.44'	L=606 <b>.</b> 90'	T=303.61'	Ext=6.03'	NC
506	Selma Highway Ramp C Cst @ PI	26+10.72	670994.93	770884.89	SIMPLE	Δ=7°05'27" L+	D=0°45'00"	R=7639.44'	L=945.44'	T=473.32'	Ext=14.65'	2.8%
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507	Selma Highway Ramp D Cst & PI	16+68.99	672375.70	770423.45	SIMPLE	Δ=3°53'25" L†	D=0°45'00"	R=7639.44'	L=518.72'	T=259.46'	Ext=4.40'	NC
508	Selma Highway Ramp D Cst & PI	24+94.13	671566.57	770586.26	SIMPLE	Δ=4°43'58" R†	D=0°40'00"	R=8594.38'	L=709.92'	T=355.16'	Ext=7.34'	2.3%
801	Jimmie Kerr Blvd Ramp U Cst € PI	18+41.22	667618.03	770590.69	SIMPLE	Δ=57°39'11" L+	D=11°00'00"	R=520.87'	L=524 <b>.</b> 12'	T=286.67'	Ext=73.67'	6.0%
802	Jimmie Kerr Blvd Ramp U Cst & PI	27+23.93	666970.08	771260.49	SIMPLE	Δ=99°18'04" L†	D=20°00'00"	R=286.48'	L=496.51'	T=337.21'	Ext=156.00'	5.8%
803	Jimmie Kerr Blvd Ramp U Cst € PI	30+59.72	667392.17	771553 <b>.</b> 29	SIMPLE	Δ=34°14'31" L+	D=10°00'00"	R=572.96'	L=342.42'	T=176.49'	Ext=26.57'	4.5%
811	Ramp 'E-N' Cst & PI	16+30.63	665871.63	771289.51	SIMPLE	Δ=9°26'17" L+	D=0°45'00"	R=7639.44'	L=1258.41'	T=630.63'	Ext=25.98'	2.5%
812	Ramp 'E-N' Cst & PI	66+93.83	660950.81	772493.87	SIMPLE	Δ=136°07'15" R†	D=4°15'00"	R=1348.14'	L=3202 <b>.</b> 85'	T=3346.92'	Ex+=2260.10'	10.0%
813	Ramp 'E-N' Cst & PI	86+21.76	663851.88	767916.91	SIMPLE	Δ=3°45'10" R+	D=0°15'00"	R=22918.31'	L=1501 <b>.</b> 12'	T=750 <b>.</b> 83'	Ex+=12.30'	NC
821	Ramp 'E-S' Cst & PI	55+03.27	661620.45	770933.88	SIMPLE	Δ=8°28'38" L†	D=0°45'00"	R=7639.44'	L=1130.31'	T=566 <b>.</b> 19'	Ext=20.95'	2.5%
822	Ramp 'E-S' Cst & PI	69+16.98	660963.57	772188.05	SIMPLE	Δ=14°17'23" R+	D=1°15'00"	R=4583.66'	L=1143.18'	T=574.57'	Ext=35.87'	4.1%
831	Ramp 'N-W' Cst & PI	16+51.54	664742.79	766858.96	SIMPLE	Δ=3°15'25" L†	D=0°15'00"	R=22918.31'	L=1302.74'	T=651.54'	Ext=9.26'	NC
832	Ramp 'N-W' Cst & PI	60+96.46	662330 <b>.</b> 57	770592.80	SIMPLE	Δ=7°15'27" L†	D=0°30'00"	R=11459.16'	L=1451.48'	T=726.71'	Ext=23.02'	NC
833	Ramp 'N-W' Cst & PI	89+85.34	661081.17	773199.69	SIMPLE	Δ=29°02'35" Rt	D=2°30'00"	R=2291.83'	L=1161.72'	T=593.63'	Ext=75.63'	7.5%
834	Ramp 'N-W' Cst & PI	112+72.66	659194.74	774537.84	SIMPLE	Δ=18°29'57" L+	D=0°45'00"	R=7639.44'	L=2466.54'	T=1244.10'	Ext=100.64'	3.1%
841	Ramp 'S-W' Cst & PI	15+94.92	665513.86	771111.92	SIMPLE	Δ=7°55'11" R+	D=0°40'00"	R=8594.37'	L=1187 <b>.</b> 95'	T=594.92'	Ex+=20.57'	2.8%
842	Ramp 'S-W' Cst & PI	48+09.97	662303.28	770909.64	SIMPLE	Δ=117°19'01" R+	D=4°15'00"	R=1348.14'	L=2760.40'	T=2213.68'	Ext=1243.75'	10.0%
843	Ramp 'S-W' Cst & PI	68+31.73	664198.81	767745.21	SIMPLE	Δ=1°56'32" Rt	D=0°15'01"	R=22894.31'	L=776 <b>.</b> 05'	T=388.06'	Ext=3.29'	NC
851	Henness Rd EB Connector Ramp Cst & PI (future)	14+15.37	663020.09	768518.56	SIMPLE	Δ=16°30'00" L†	D=2°00'00"	R=2864.79'	L=825.00'	T=415.37'	Ext=29.96'	4.7%
852	Henness Rd EB Connector Ramp Cst & PI (future)	25+47.21	662538.27	769549.07	SIMPLE	Δ=13°56'01" R+	D=1°30'00"	R=3819.72'	L=928.91'	T=466.76'	Ext=28.41'	3.7%
									T	NAME DATE AR	IZONA DEDADENENT	OF TRANSPORTATION

| NAME | DATE | DATE | DESIGN | MK, LF | 11/10 | NITERINODAL TRANSPORTATION DIVISION | NO. TENDERS | DESIGN | SERVICES | DCR | NO. TENDERS | NO. H6773 OIL | DPARTMENT OF TRANSPORTATION DIVISION | FINAL | DCR | NO. C-2.4 |

| ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION | NOTERNODAL TRANSPORTATION DIVISION | ROADWAY DESIGN | SERVICES | DCR | Review | NOT FOR | CONSTRUCTION | OR RECORDING | DWG. NO. C-2.4 |

| TRACS NO. H6773 OIL | DCF | DCF

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Туре	Δ	Degree	Radius	Length	Tangent	External	Super
853	Henness Rd EB Connector Ramp Cst & PI (future)	37+95.84	661749.72	770523.12	SIMPLE	Δ=5°52'16" L†	D=0°30'00"	R=11459.16'	L=1174.24'	T=587.63'	Ex+=15.06'	NC
861	Sunland Gin Rd WB Connector Ramp Cst @ P!	17+05.92	661054.28	773311.33	SIMPLE /	Δ=28°45'35" Rt	D=2°30'00"	R=2291.83'	L=1150.39'	T=587.58'	Ext=74.12'	7.5%
862	Sunland Gin Rd WB Connector Ramp Cst @ PI	36+51.68	659452.70	774459.36	SIMPLE	Δ=18°12'57" L+	D=0°50'00"	R=6875.52'	L=2185.90'	T=1102.25'	Ext=87.79'	2.1%
871	Sunland Gin Rd EB Connector Ramp Cst & PI	14+00.04	662247.47	770054.34	SIMPLE	Δ=2°00'00" Rt	D=0°15'00"	R=22918.31'	L=800.00'	T=400.04'	Ext=3.49'	NC
872	Sunland Gin Rd EB Connector Ramp Cst & PI	31+06.43	661194.02	771396.83	SIMPLE	Δ=5°00'00" L+	D=0°45'00"	R=7639.44'	L=666.67'	T=333.55'	Ex+=7.28'	NC
873	Sunland Gin Rd EB Connector Ramp Cst & PI	44+12.53	660480.12	772491.07	SIMPLE	Δ=11°40'17" R+	D=1°00'00"	R=5729.58'	L=1167.14'	T=585.60'	Ext=29.85'	2.5%
874	Sunland Gin Rd EB Connector Ramp Cst & Pi	57+16.19	659558.79	773419.10	SIMPLE	Δ=8°38'30" L+	D=1°00'00"	R=5729.58'	L=864.17'	T=432.90'	Ext=16.33'	2.5%
881	Henness Rd WB Connector Ramp Cst & (future)	14+14.11	665212.49	766470.48	SIMPLE	Δ=12°22'30" L†	D=1°30'00"	R=3819.72'	L=825.00'	T=414.11'	Ext=22.38'	3.7%
882	Henness Rd WB Connector Ramp Cst & (future)	36+58.59	664172.14	768462.92	SIMPLE	Δ=12°55'03" Rt	D=0°30'00"	R=11459.16'	L=2583.48'	T=1297.24'	Ext=73.19'	NC
883	Henness Rd WB Connector Ramp Cst & (future)	64+36.14	662361.54	770583.70	SIMPLE	Δ=14°52'55" L†	D=1°00'00"	R=5729.58'	L=1488.18'	T=748.30'	Ext=48.66'	3.0%
886	Henness Rd Ramp C Cst © (future)	112+51.25	665892.14	765640.27	SIMPLE	Δ=3°49'31" R+	D=0°30'00"	R=11459.16'	L=765.04'	T=382.66'	Ext=6.39'	NC
887	Henness Rd Ramp C Cst © (future)	123+61.85	665178.87	766491.93	SIMPLE	Δ=9°01'27" L+	D=1°00'00"	R=5729.58'	L=902,42'	T=452.14'	Ex+=17.81'	2.5%
888	Henness Rd Ramp C Cst & (future)	134+83.26	664601.65	767455.56	SIMPLE	Δ=5°18'27" R†	D=0°30'00"	R=11459.16'	L=1061.49'	T=531.12'	Ext=12.30'	NC
889	Henness Rd Ramp C Cst © (future)	156+08.03	663345.42	769170.13	SIMPLE /	∆=24°08'07" L†	D=4°17'17"	R=1336.14'	L=562.83'	T=285.65'	Ex+=30.19'	10.0%
891	Henness Rd Ramp D Cst & (future)	112+57.53	665461.93	765334.10	SIMPLE	Δ=3°53'08" L+	D=0°30'00"	R=11459.16'	L=777.12'	T=388.71'	Ext=6.59'	NC
892	Henness Rd Ramp D Cst & (future)	121+24.26	664999.46	766067.48	SIMPLE	Δ=3°53'08" R+	D=0°30'00"	R=11459.16'	L=777.12'	T=388.71'	Ex+=6.59'	NC
893	Henness Rd Ramp D Cst @ (future)	137+79.68	664023.42	767404.93	SIMPLE	Δ=5°26'15" R†	D=0°30'00"	R=11459.16'	L=1087.52'	T=544.17'	Ex+=12.91'	NC
894	Henness Rd Ramp D Cst @ (future)	153+89.16	662955.17	768609.88	SIMPLE	Δ=25°53'21" L†	D=2°30'00"	R=2291.83'	L=1035.57'	T=526.78'	Ext=59.76'	5.7%
895	Henness Rd Ramp D Cst @ (future)	175+51.97	662366.17	770709.62	SIMPLE	Δ=55°15'22" L†	D=4°10'32"	R=1372.14'	L=1323.29'	T=718.19'	Ext=176.59'	10.0%
521	Sunland Gin Road Cst @ PI	508+26.65	656847.94	776175.89	SIMPLE	Δ=15°00'00" L†	D=2°15'00"	R=2546.48'	L=666.67'	T=335.25'	Ex+=21.97'	2.6%
522	Sunland Gin Road Cst @ PI	524+48.17	655332.08	775589.42	SIMPLE	Δ=21°19'18" L+	D=3°00'00"	R=1909.86'	L=710.72'	T=359.52'	Ex+=33.54'	2.9%
523	Sunland Gin Rd Ramp A Cst & Pl	14+13.62	662931.28	771737.35	SIMPLE	Δ=10°18'45" L+	D=1°15'00"	R=4583.66'	L=825.00'	T=413.62'	Ex+=18.62'	4.1%
524	Sunland Gin Rd Ramp A Cst @ PI	24+86.39	661964.02	772206.44	SIMPLE A	\=26°00'00" L†	D=2°00'00"	R=2864.79'	L=1300.00'	T=661.39'	Ext=75.36'	4.0%
525	Sunland Gin Rd Ramp A Cst @ P!	41+50.61	660922.44	773533.49	SIMPLE	Δ=18°32'03" Rt	D=2°00'00"	R=2864.79'	L=926.71'	T=467.44'	Ext=37.88'	4.0%
526	Sunland Gin Rd Ramp A Cst @ PI	59+36.40	659423.69	774519.41	SIMPLE /	\=20°30'40" L†	D=1°00'00"	R=5729.58'	L=2051.11'	T=1036.65'	Ext=93.03'	2.5%
527	Sunland Gin Rd Ramp B Cst & PI	37+43.82	660322.60	772393.94	SIMPLE	Δ=35°36'33" Lt	D=1°00'00"	R=5729.58'	L=3560.93'	T=1840.08'	Ext=288.23'	2.1%
528	Sunland Gin Rd Ramp C Cst @ PI	14+41.61	657040.16	777741.27	SIMPLE	Δ=6°37'00" R†	D=0°45'00"	R=7639.44'	L=882.23'	T=441.61'	Ex+=12.75'	NC
529	Sunland Gin Rd Ramp C Cst @ PI	26+38.26	656226.94	778620.47	SIMPLE	Δ=6°37'00" L†	D=0°40'00"	R=8594.37'	L=992.51'	T=496.81'	Ext=14.35'	2.4%
										NAME DATE AR	IZONA DEDARTMENT	OF TRANSPORTATION

	W.A. SION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
٤	)	ARIZ.				

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Type $\Delta$	Degree	Radius	Length	Tangent	External	Super
530	Sunland Gin Rd Ramp D Cst & PI	16+60.80	656809.04	777261.07	SIMPLE Δ=2°34'49" L+	D=0°30'00"	R=11459.16'	L=516.08'	T=258.08'	Ex+=2.91'	NC
531	Sunland Gin Rd Ramp D Cst & PI	25+67.39	656361.60	778049.65	SIMPLE Δ=6°34'49" R+	D=0°45'00"	R=7639.44'	L=877.39'	T=439.18'	Ex+=12.61'	2.5%
536	Toltec Road Cst & PI	480+70.90	648353.22	791468.31	SIMPLE Δ=29°07'38" L+	D=4°00'00"	R=1432.39'	L=728.18'	T=372.14'	Ext=47.55'	3.3%
537	Toltec Road Cst & PI	491+23.34	647424.12	791996.09	SIMPLE Δ=50°45'00" R+	D=7°00'00"	R=818.51'	L=725.00'	T=388.22'	Ext=87.40'	4.0%
538	Toltec Road Cst & PI	506+99.96	645905.74	791408.64	SIMPLE Δ=25°12'00" L+	D=8°00'00"	R=716,20'	L=315.00'	T=160.09'	Ex+=17.67'	4.0%
539	Toltec Road Cst & PI	515+66.75	645035.95	791470.21	SIMPLE Δ=4°48'18" R+	D=0°45'00"	R=7639.44'	L=640.67'	T=320.52'	Ext=6.72'	NC
541	Toltec Rd Ramp A Cst & PI	14+37.66	647738.52	790239.32	SIMPLE Δ=6°33'28" L+	D=0°45'00"	R=7639.44'	L=874.37'	T=437.66'	Ex+=12.53'	2.5%
542	Toltec Rd Ramp A Cst & PI	23+90.55	647267.48	791068.74	SIMPLE Δ=2°33'28" R+	D=0°30'00"	R=11459.16'	L=511.56'	T=255.82'	Ext=2.86'	NC
543	Toltec Rd Ramp B Cst & PI	14+96.81	647815.45	789747.53	SIMPLE Δ=6°37'00" R+	D=0°40'00"	R=8594.37'	L=992.51'	T=496.81'	Ex+=14.35'	2.5%
544	Toltec Rd Ramp B Cst & PI	26+93.34	647002.22	790626.73	SIMPLE Δ=6°37'00" L+	D=0°45'00"	R=7639.44'	L=882.23'	T=441.61'	Ex+=12.75'	NC
545	Toltec Rd Ramp C Cst & PI	14+41.61	646114.88	792695.68	SIMPLE Δ=6°37'00" R+	D=0°45'00"	R=7639.44'	L=882.23'	T=441.61'	Ex+=12.75'	NC
546	Toltec Rd Ramp C Cst & PI	26+38.26	645301.65	793574.88	SIMPLE Δ=6°37'00" L+	D=0°40'00"	R=8594.37'	L=992.51'	T=496.81'	Ex+=14.35'	2.5%
547	Toltec Rd Ramp D Cst & PI	16+06.71	645839.21	792270.05	SIMPLE Δ=2°33'22" L+	D=0°30'00"	R=11459.16'	L=511.25'	T=255.67'	Ext=2.85'	NC
548	Toltec Rd Ramp D Cst & PI	25+49.68	645373.47	793090.08	SIMPLE Δ=6°33'22" R+	D=0°45'00"	R=7639.44'	L=874.16'	T=437.56'	Ex+=12.52'	2.5%
553	Sunshine Blvd Cst & Pi	492+04.76	632319.89	812744.27	SIMPLE Δ=12°51'55" R+	D=1°25'00"	R=4044.41'	L=908.13'	T=455.98'	Ext=25.62'	NC
554	Sunshine Blvd Cst & PI	507+91.23	630765.44	812408.47	SIMPLE Δ=40°07'10" L+	D=8°00'00"	R=716.20'	L=501.49'	T=261.52'	Ext=46.25'	4.0%
555	Sunshine Blvd Cst & PI	515+33.77	630090.35	812766.35	SIMPLE Δ=27°30'16" R+	D=8°00'00"	R=716.20'	L=343.81'	T=175.28'	Ex+=21.14'	4.0%
556	Sunshine Blvd Ramp A Cst & PI	17+71.58	632537.67	811053.04	SIMPLE Δ=11°32'04" L+	D=0°45'00"	R=7639.44'	L=1537.94'	T=771.58'	Ex+=38.87'	2.5%
557	Sunshine Blvd Ramp B Cst & Pi	12+75.17	632874.82	810198.09	SIMPLE Δ=3°40'04" R+	D=0°40'00"	R=8594.37'	L=550.15'	T=275.17'	Ex+=4.40'	2.5%
558	Sunshine Blvd Ramp B Cst @ PI	27+42.21	631935.27	811325.04	SIMPLE Δ=10°44'08" L+	D=0°45'00"	R=7639.44'	L=1431.41'	T=717.81'	Ext=33.65'	NC
559	Sunshine Blvd Ramp C Cst @ Pi	12+50.07	631378.03	813486.57	SIMPLE Δ=3°20'00" R+	D=0°40'00"	R=8594.38'	L=500.00'	T=250.07'	Ext=3.64'	NC
560	Sunshine Blvd Ramp C Cst @ Pi	26+52.23	630711.57	814720.38	SIMPLE Δ=11°52'16" L+	D=0°40'00"	R=8594.38'	L=1780.65'	T=893.52'	Ext=46.32'	2.5%
561	Sunshine Blvd Ramp D Cst & Pi	17+08.80	630887.27	813404.24	SIMPLE Δ=5°13'02" L+	D=0°50'00"	R=6875.49'	L=626.07'	T=313.25'	Ext=7.13'	NC
601	SR 87 Cst & PI	489+19.36	626987.64	822868.64	SIMPLE Δ=14°06'01" R+	D=1°00'00"	R=5729.53'	L=1410.02'	T=708.59'	Ext=43.65'	NC
602	SR 87 Cst & Pi	511+59.77	629176.68	823378.23	SIMPLE Δ=13°17'37" L+	D=0°45'00"	R=7639.37'	L=1772.48'	T=890.24'	Ext=51.70'	NC
									NAME DATE AR	IZONA DEDADTMENT (	NE TRANSPORTATION

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Type A	Degree	Radius	Length	Tangent	External	Super
611	SR 87 Ramp A Cst & PI	14+70.29	629210.47	820122.54		D=0°32'00"	R=10742.87'	L=934 <b>.</b> 99'	T=467.79'	Ex+=10.18'	NC NC
612	SR 87 Ramp A Cst & PI	27+43.50	628982.73	821375.81	SIMPLE Δ=14°01'45" R†	D=0°56'00"	R=6138.78'	L=1503 <b>.</b> 12'	T=755.34'	Ext=46.30'	NC
621	SR 87 Ramp B Cst & PI	15+34.55	628947.14	820220.14	SIMPLE Δ=6°12'04" R+	D=0°35'00"	R=9822.05'	L=1063.05'	T=532.05'	Ex+=14.40'	2.1%
622	SR 87 Ramp B Cst & PI	30+87.98	628377.05	821666.30	SIMPLE Δ=19°11'09" R+	D=3°15'00"	R=1762.92'	L=590 <b>.</b> 33'	T=297.95'	Ext=25.00'	6.0%
623	SR 87 Ramp B Cst & PI	40+11.98	627770.87	822371.04	SIMPLE Δ=20°39'59" L†	D=3°00'00"	R=1909.86'	L=688.88'	T=348.22'	Ex+=31.49'	5.7%
631	SR 87 Ramp C Cst & PI	12+42.44	627209.02	824727.70	SIMPLE Δ=4°28'36" R†	D=0°56'00"	R=6138.78'	L=479 <b>.</b> 64'	T=239.94'	Ext=4.69'	NC
632	SR 87 Ramp C Cst & PI	20+55.40	626679.13	825344.55	SIMPLE Δ=4°29'08" L†	D=0°35'00"	R=9822.05'	L=768.92'	T=384.66'	Ext=7.53'	2.2%
641	SR 87 Ramp D Cst & PI	17+74.48	627276.43	823726.98	SIMPLE Δ=10°29'27" R+	D=1°44'37"	R=3286.04'	L=601.67'	T=301.68'	Ext=13.82'	3.2%
642	SR 87 Ramp D Cst & PI	42+57.12	626014.60	825867.00	SIMPLE Δ=5°37'28" R+	D=0°32'00"	R=10742.87'	L=1054.59'	T=527.72'	Ex+=12.95'	NC
645	SR 87 Flyover Ramp SE	15+73.34	629245.35	823248.64	SIMPLE Δ=11°22'45" R+	D=1°00'00"	R=5729.58'	L=1137.93'	T= 570.84'	Ext= 28.37'	NC
646	SR 87 Flyover Ramp SE	43+00.95	627215.18	824041.01	SIMPLE Δ=9°53'24" R†	D=0°56'00"	R=6138.78'	L=1059.63'	T=531.13'	Ext=22.93'	NC
647	SR 87 Flyover Ramp SE	54+27.50	626639.29	825012.31	SIMPLE Δ=5°29'08" R+	D=0°32'00"	R=10742.87'	L=1028.51'	T=514.65'	Ext=12.31'	NC
661	Picacho Peak Rd Road Cst & Pi	505+69.57	599378.20	860878.97	SIMPLE Δ=51°40'54" R+	D=19°05'55"	R=300.00'	L=270.60'	T=145.29'	Ext=33.33'	4.0%
662	Picacho Peak Rd Ramp A Cst & Pi	14+05.44	601005.15	859868.62	SIMPLE Δ=5°24'07" L†	D=0°40'00"	R=8594.37'	L=810.29'	T=405.44'	Ext=9.56'	2.2%
663	Picacho Peak Rd Ramp B Cst & Pi	23+35.70	600926.78	859541.18	SIMPLE Δ=4°19'45" L+	D=0°32'00"	R=10742.96'	L=811.71'	T=406.05'	Ext=7.67'	NC
664	Picacho Peak Rd Ramp B Cst & Pi	30+60.83	600488.33	860119.22	SIMPLE Δ=7°58'26" R†	D=1°15'00"	R=4583.66'	L=637.91'	T=319.47'	Ext=11.12'	2.6%
665	Picacho Peak Rd Ramp B Cst & Pi	37+19.52	600020.57	860584.45	SIMPLE   Δ=6°15'00" L+	D=1°15'00"	R=4583.66'	L=500.00'	T=250.25'	Ext=6.83'	2.6%
666	Picacho Peak Rd Ramp C Cst & Pi	21+21.70	598577.36	863137.08	SIMPLE   Δ=3°35'25" R+	D=0°32'00"	R=10742.96'	L=673.17'	T=336.69'	Ext=5.27'	NC
667	Picacho Peak Rd Ramp C Cst & Pi	28+10.24	598125.16	863656.60	SIMPLE   Δ=3°45'15" L+	D=0°32'00"	R=10742.96'	L=703.88'	T=352.07'	Ex+=5.77'	NC
668	Picacho Peak Rd Ramp D Cst & Pi	28+73.61	598480.59	862813.35	SIMPLE Δ=4°30'00" R†	D=0°40'28"	R=8495.37'	L=667.23'	T=333.78'	Ext=6.55'	2.4%
670	Red Rock Road Cst & Pl	514+70.33	571796.41	881938.62	SIMPLE  Δ=33°46'23" R+		R=2180.00'	L=1285.00'	T=661.77'	Ext=98.23'	2.7%
671	Red Rock Road Cst & PI	524+42.09	571762.83	880928.87	SIMPLE  Δ=19°46'14" R+	D=2°51'53"	R=2000.00'	L=690.13'	T=348.53'	Ext=30.14'	2% Match Exst
672	Red Rock Ramp A Cst & Pi	14+40.22	574402.65	881870.13	SIMPLE Δ=6°35'46" L†	D=0°45'00"	R=7639.44'	L=879.47'	T=440.22'	Ext=12.67'	2.5%
673	Red Rock Ramp B Cst & PI	22+36.91	574285.80	881625.92	SIMPLE Δ=4°51'50" L+	D=0°33'00"	R=10417.41'	L=884.35'	T=442.44'	Ex+=9.39'	2.0%
674	Red Rock Ramp B Cst & PI	29+28.91	573728.57	882037.13	SIMPLE Δ=3°45'00" R†	D=0°45'00"	R=7639.44'	L=500.00'	T=250.09'	Ext=4.09'	NC
675	Red Rock Ramp B Cst & PI	35+58.88	573202.68	882384.55	SIMPLE   Δ=1°47'50" L+	D=0°47'00"	R=7314.36'	L=229.43'	T=114.73'	Ext=0.09'	NC OF TRANSPORTATION

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Туре	Δ	Degree	Radius	Length	Tangent	External	Super
676	Red Rock Ramp C Cst @ PI	12+50.04	571904.96	883907.84	_	Δ=2°30'00" R+	D=0°30'00"	R=11459 <b>.</b> 16'	L=500.00'	T=250.04'	Ex+=2.73'	NC
677	Red Rock Ramp C Cst & PI	18+35.44	571414.93	884228.25	<u> </u>	Δ=3°21'12" L+	D=0°30'00"	R=11459 <b>.</b> 16'	L=670.69'	T=335.44'	Ex+=4.91'	NC
678	Red Rock Ramp C Cst & PI	25+30.33	570856.42	884642.01	SIMPLE	Δ=3°57'16" R+	D=0°33'00"	R=10417.41'	L=719.00'	T=359.64'	Ext=6.21'	2.0%
679	Red Rock Ramp C Cst & PI	32+47.61	570251.76	885028.38	SIMPLE	Δ=3°06'04" L+	D=0°26'00"	R=13222.10'	L=715.65'	T=357.91'	Ex+=4.84'	NC
680	Red Rock Ramp D Cst & PI	33+67.08	570493.08	884574.42	SIMPLE	Δ=4°44'49" R+	D=0°45'00"	R=7639.44'	L=632.92'	T=316.64'	Ext=6.56'	2.5%
681	Pinal Airpark Ramp A Cst @ Pi	18+22.00	553711.73	896752.61	SIMPLE	Δ=8°13'13" L+	D=0°30'00"	R=11459 <b>.</b> 16'	L=1644.08'	T=823.45'	Ext=29.55'	NC
682	Pinal Airpark Ramp B Cst @ Pi	16+26.26	554359.68	896109.81		Δ=9°22'23" R+	D=0°45'00"	R=7639.44'	L=1249.73'	T=626.26'	Ex+=25.63'	2.8%
683	Pinal Airpark Ramp B Cst & Pi	27+42.65	553337.10	896564.67		Δ=7°22'38" L†	D=1°15'00"	R=4583.66'	L=590.18'	T=295.50'	Ex+=9.52'	2.6%
684	Pinal Airpark Ramp B Cst & Pi	33+31.06	552833.94	896871.29	SIMPLE	Δ=4°24'13" L+	D=0°45'00"	R=7639.44'	L=587.16'	T=293.72'	Ext=5.64'	2.0%
685	Pinal Airpark Ramp C Cst & Pi	15+44.15	551305.86	898575.65	_	Δ=8°08'54" R+	D=0°45'00"	R=7639.44'	L=1086.46'	T=544.15'	Ex+=19.35'	NC
686	Pinal Airpark Ramp C Cst & Pi	25+83.09	550383.63	899058.05	SIMPLE	Δ=4°18'45" L+	D=0°45'00"	R=7639.44'	L=575.00'	T=287.64'	Ext=5.41'	2.8%
					T							
687	Pinal Airpark Ramp D Cst & Pi	28+47.29	550459.00	898745.54	SIMPLE	Δ=8°36'37" R+	D=0°45'00"	R=7639.44'	L=1148.03'	T=575.10'	Ext=21.62'	2.5%
601	Tourbollto Dans A Cod C Di	10.10.77	E 4 4 7 C E E 7	001010 07	CIMPLE	A -1000015 AH   H	D-1800100#	D-5720 FO	1 -1070 171	T-C01 E11	F.,+-77 C11	7 71/
691	Tortolita Ramp A Cst & PI	16+12.37	544765.57	901916.03		Δ=12°22'54" L†	D=1°00'00"	R=5729.58'	L=1238.17'	T=621.51'	Ext=33.61'	3.3%
692	Tortolita Ramp A Cat & Pi	26+22.01	544058.14	902643.15		Δ=11°44'52" L+	D=1°30'00"	R=3819.72'	L=783.19'	T=392.97'	Ext=20.16'	3.1%
693	Tortolita Ramp A Cst & PI	36+51.89	543503.82	903514.40	SIMPLE	Δ=8°58'21" R†	D=1°30'00"	R=3819.72'	L=598.17'	T=299.70'	Ex+=11.74'	3.7%
694	Tortolita Ramp B Cst & Pl	12+77.46	544559.61	901810.70	SIMPLE	Δ=1°23'14" R+	D=0°15'00"	R=22918.31'	L=554.88'	T=277.46'	Ex+=1.68'	2.8%
695	Tortolita Ramp B Cst & Pl	23+42.34	543687.65	902422.04		Δ=10°53'07" L+	D=0°45'00"	R=7639.44'	L=1451.37'	T=727.88'	Ext=34.60'	NC
033	TO TOTAL NUMBER OF ETT	23.42.34	343001.03	302422.04	Jan LL	<u> </u>	D-0 43 00	K-1055.44	L-1401.01	1-121:00		140
696	Tortolita Ramp C Cst & Pl	15+02.49	542244.94	904815.46	SIMPLE	Δ=4°32'32" R†	D=0°45'00"	R=7639.44'	L=605.62'	T=302.97'	Ex+=6.01'	NC
697	Tortolita Ramp C Cst & Pl	25+98.22	541455.35	905575.63		Δ=6°33'36" L+	D=0°40'00"	R=8594.38'	L=983.99'	T=492.54'	Ex+=14.10'	2.5%
	1		230.00				3 0 10 00	555 1166		52.6		
698	Tortolita Ramp D Cst & Pl	13+59.14	542383.48	903791.87	SIMPLE	Δ=10°44'33" L†	D=1°30'00"	R=3819.72'	L=716 <b>.</b> 17'	T=359.14'	Ex+=16.85'	3.7%
699	Tortolita Ramp D Cst & Pl	27+66.85	541703.37	905026.79		Δ=10°41'06" R+	D=0°45'00"	R=7639.44'	L=1424.66'	T=714.40'	Ex+=33.33'	2.5%
701	Marana Road Cst & Pl	490+06.22	532062.54	915117.90	SIMPLE	Δ=40°06'07" L†	D=4°15'00"	R=1348.14'	L=943.58'	T=492.04'	Ex+=86.99'	3.4%
702	Marana Road Cst & PI	510+91.63	533447.71	916730.60		Δ=16°57'46" R†	D=2°00'00"	R=2864.79'	L=848.14'	T=427.20'	Ex+=31.68'	2.5%
711	Marana Ramp A Cst & PI	15+93.10	534137.89	914407.20	SIMPLE	Δ=5°55'33" L†	D=0°30'00"	R=11459 <b>.</b> 16'	L=1185.15'	T=593.10'	Ex+=15.34'	NC

DESIGN MK, LF 11/10
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TOWNSTORM TOWNS A STATE OF TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

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ROADWAY DESIGN SERVICES

TOWNS A STATE OF TWO SERVICES

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.				

PLAN REF NO.	LOCATION	P.I./P.O.T. STATION	Northing	Easting	Туре	Δ	Degree	Radius	Length	Tangent	External	Super
721	Marana Ramp B Cst © PI	14+69.95	534229.64	914055.30	SIMPLE	Δ=7°02'25" R†	D=0°45'00"	R=7639.44'	L=938.71'	T=469.95'	Ext=14.44'	2.6%
722	Marana Ramp B Cst @ PI	27+27.15	533293.27	914895.99	SIMPLE	Δ=7°17'39" L+	D=0°45'00"	R=7639.44'	L=972.57'	T=486.94'	Ext=15.50'	NC
731	Marana Ramp C Cst @ PI	13+00.15	532210.50	916901.60	SIMPLE	Δ=4°30'00" R†	D=0°45'00"	R=7639.44'	L=600.00'	T=300.15'	Ex+=5.89'	NC
732	Marana Ramp C Cst © PI	24+85.24	531382.79	917750.15	SIMPLE	Δ=6°59'55" L+	D=0°45'00"	R=7639.44'	L=933.15'	T=467.15'	Ext=14.27'	2.6%
741	Marana Ramp D Cst © PI	17+50.46	531954.03	916519.95	SIMPLE	Δ=5°15'30" L+	D=0°45'00"	R=7639.44'	L=701 <b>.</b> 10'	T=350.80'	Ext=8.05'	NC
742	Marana Ramp D Cst © PI	27+66.28	531430.14	917390.83	SIMPLE	Δ=5°22'36" R†	D=0°45'00"	R=7639.44'	L=716 <b>.</b> 89'	T=358.71'	Ext=8.42'	2.3%
1000	EB Median Closure	2310+01.50	542999.84	903472.99	SIMPLE	Δ=2°29'47" L+	D=0°22'30"	R=15278.87'	L=665.70'	T=332.90'	Ext=3.63'	NC
1002	EB Median Closure	2316+67.20	542598.94	904004.57	SIMPLE	Δ=2°29'47" R+	D=0°22'30"	R=15278.87'	L=665.70'	T=332.90'	Ext=3.63'	NC
1001	WB Median Closure	2310+01.50	543101.67	903556.98	SIMPLE	Δ=2°29'47" Rt	D=0°22'30"	R=15278.87'	L=665.70'	T=332.90'	Ext=3.63'	NC
1003	WB Median Closure	2316+67.20	542656.03	904051.66	SIMPLE	Δ=2°29'47" Lt	D=0°22'30"	R=15278.87'	L=665.70'	T=332.90'	Ext=3.63'	NC
	-											
										NAME DATE		OF TRANSPORTATION

DESIGN MK, LF 11/10
DRAWN WE, JK 11/10
CHECKED RB, JG 11/10
TRAMPROTITION RB, JG 11/10
TRAMPROTITION RB, JG 11/10

CHECKED RB, JG 11/10

TRAMPROTITION ROADWAY DESIGN SERVICES

CURVE DATA SHEET

CURVE DATA SHEET

CONSTRUCTION
OR RECORDING
DWG, NO. C-2.9

TRACS NO. H6773 OIL

ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION
ROADWAY DESIGN SERVICES

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Review
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CONSTRUCTION
OR RECORDING
DWG, NO. C-2.9

