SCHEMATIC LAYOUT
BEXAR COUNTY
CSJ 2452-01-057
LOOP 1604

FROM: STA 533+20.00
TO: STA 634+50.00
DISTRICT: SAN ANTONIO
DATE: AUGUST 1, 2014
APPROVED:

ROADWAY	FUNCTIONAL CLASSIFICATION	DESIGN SPEED
	FREEWAY - URBAN	55 MPH
	FRONTAGE ROAD - URBAN	40 MPH
	RAMP/CONNECTOR - URBAN	40 MPH

LEGEND

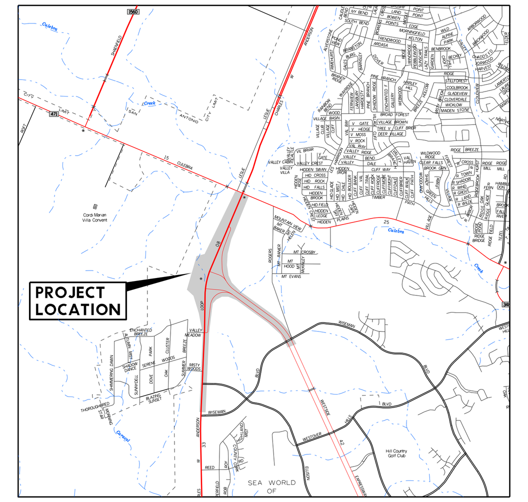
SYMBOLOGY	LINE WT	COLOR	CODE
MAIN LANES WIDENING	3	WHITE	0
DRIVEWAYS	2	BLACK	0
EXISTING ROW	1	BLACK	0
PROPOSED ROW	5	RED	3
PLANIMETRIC	1	GREEN	2
TRAFFIC COUNT YEAR DHV 2035	0	BLACK	0
EXISTING LANE DIRECTIONAL INDICATOR	0	BLACK	0
PROPOSED LANE DIRECTIONAL INDICATOR	0	BLACK	0
ROADWAY TO BE REMOVED	1	BLACK	0

MILL AND OVERLAY
PROPOSED CONSTRUCTION
BRIDGES

0 100 200 300 400
SCALE: HORIZONTAL 1" = 100'

EQUATIONS: NONE
EXCEPTIONS: NONE
RAILROAD CROSSINGS: NONE

PRELIMINARY
SUBJECT TO CHANGE



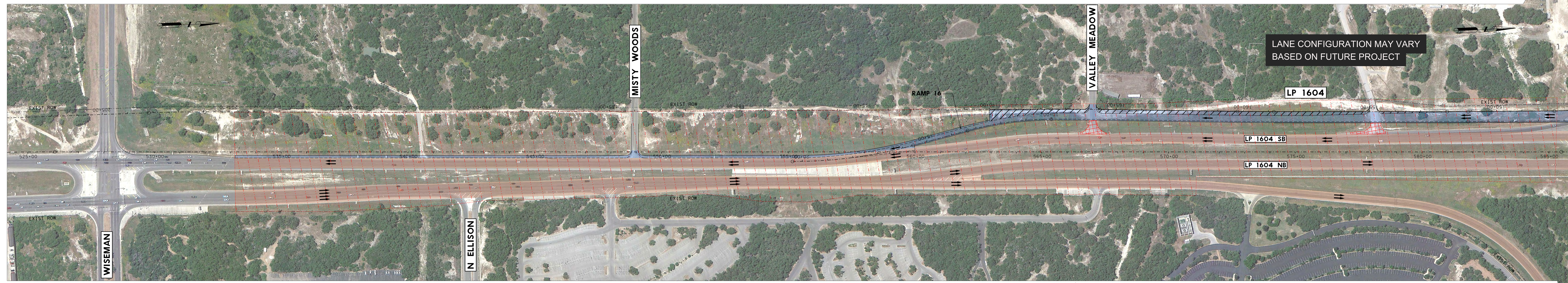
VICINITY MAP
N.T.S.

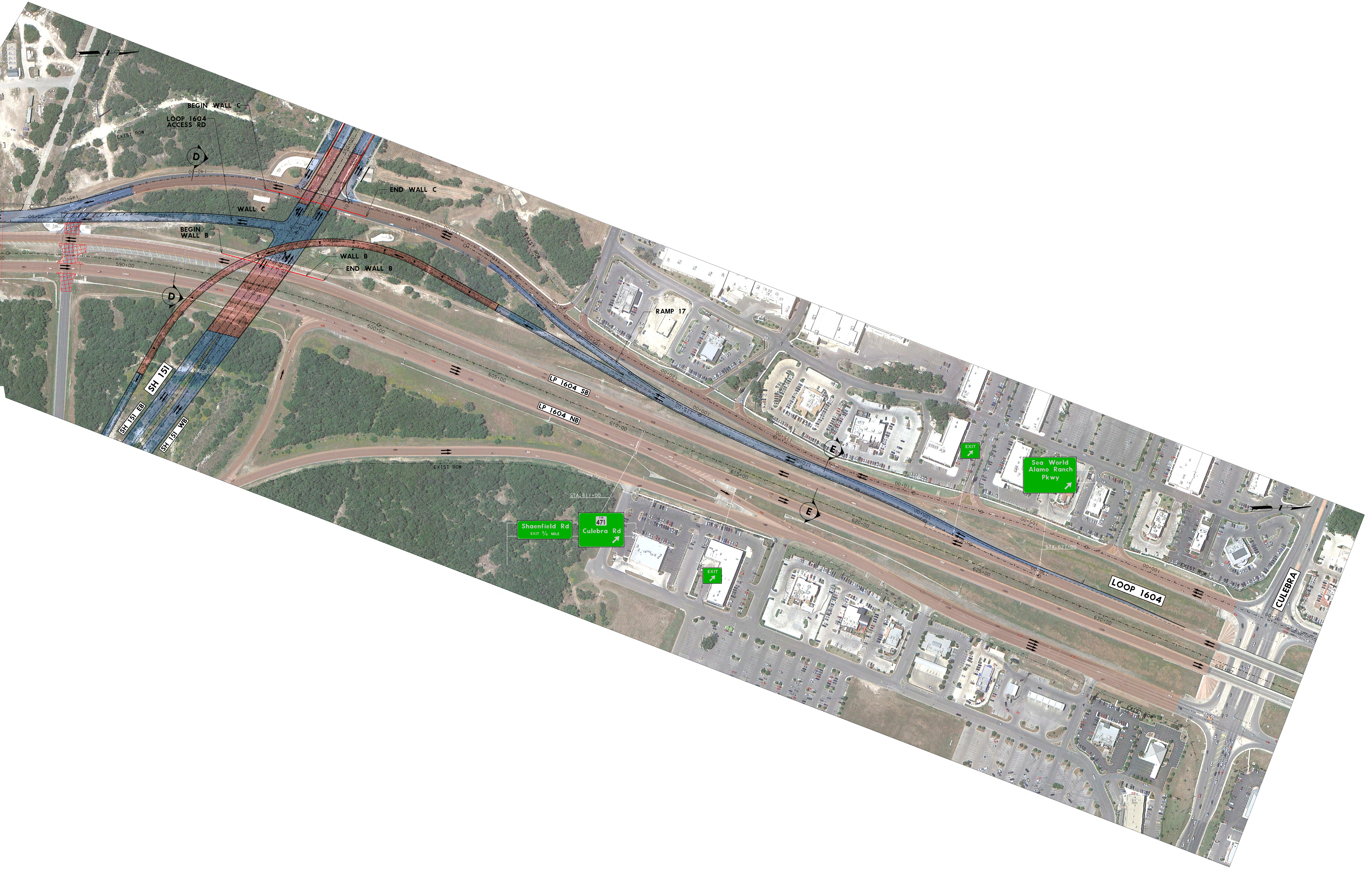
PRELIMINARY DESIGN SCHEMATIC
THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

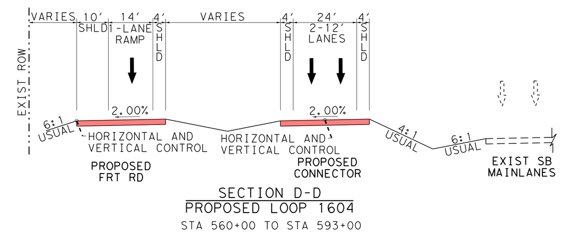
LOOP 1604
SCHEMATIC LAYOUT
LOOP 1604 / SH 151 INTERCHANGE

ROLL 3 OF 3

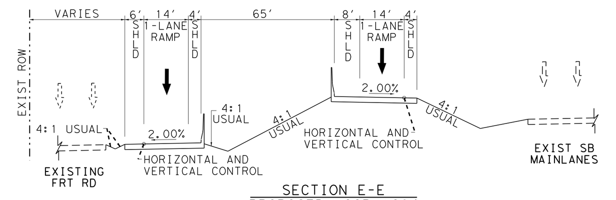
DATE: $DATE$
FILENAME: $FILE$







SECTION D-D
PROPOSED LOOP 1604
STA 560+00 TO STA 593+00



SECTION E-E
PROPOSED LOOP 1604
STA 603+50 TO STA 621+00

℄ 1604CLREV

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
1604CLREV-6	PC	461+03.76		13,712,496.1895	2,060,699.0605					
	PI	462+01.53		13,712,593.9477	2,060,697.5616	0° 15' 00"	22,918.3137'	195.5382'	97.7697'	0° 29' 20" RT
	PT	462+99.30		13,712,691.7151	2,060,696.8968					
			N 0° 23' 22" W							
1604CLREV-7	PC	520+07.19		13,718,399.4728	2,060,658.0875					
	PI	523+07.44		13,718,699.7242	2,060,656.0460	0° 30' 00"	11,459.1568'	600.3794'	300.2584'	3° 00' 07" RT
	PT	526+07.56		13,718,999.6705	2,060,669.7311					
			N 2° 36' 44" E							
1604CLREV-8	PC	585+49.77		13,724,935.6992	2,060,940.5643					
	PI	592+86.84		13,725,672.0082	2,060,974.1586	1° 30' 00"	3,819.7167'	1,456.2511'	737.0750'	21° 50' 38" RT
	PT	600+06.02		13,726,342.9519	2,061,279.3047					
			N 24° 27' 22" E							
1604CLREV-9	PC	644+56.95		13,730,394.5372	2,063,121.9711					
	PI	649+04.25		13,730,801.7060	2,063,307.1520	0° 45' 00"	7,639.4683'	893.5824'	447.3013'	6° 42' 07" LT
	PT	653+50.53		13,731,227.7037	2,063,443.5499					
			N 17° 45' 15" E							
1604CLREV-10	PC	655+60.06		13,731,427.2558	2,063,507.4434					
	PI	659+49.16		13,731,797.8190	2,063,626.0920	0° 45' 00"	7,639.4683'	777.5173'	389.0946'	5° 49' 53" RT
	PT	663+37.58		13,732,154.4099	2,063,781.7761					

℄ 1604SBFR

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
	POT	77+52.42		13,731,298.6397	2,063,293.3652					
			S 24° 27' 22" W							
1604SBFR-1	PC	102+63.46		13,729,012.8976	2,062,253.8062					
	PI	104+76.13		13,728,819.3011	2,062,165.7582	1° 31' 31"	3,756.5541'	424.9029'	212.6782'	6° 28' 51" LT
	PT	106+88.36		13,728,617.0039	2,062,100.1239					
			S 17° 58' 31" W							
1604SBFR-2	PC	109+57.12		13,728,361.3626	2,062,017.1823					
	PI	112+45.46		13,728,087.0903	2,061,928.1960	2° 17' 52"	2,493.4330'	574.1432'	288.3468'	13° 11' 35" RT
	PT	115+31.26		13,727,840.3666	2,061,778.9604					
			S 31° 10' 06" W							
1604SBFR-3	PC	122+44.11		13,727,230.4142	2,061,410.0190					
	PI	123+50.78		13,727,139.1447	2,061,354.8129	5° 18' 19"	1,080.0000'	212.6441'	106.6669'	11° 16' 52" RT
	PT	124+56.76		13,727,060.4382	2,061,282.8190					
			S 42° 26' 58" W							
1604SBFR-4	PC	126+97.84		13,726,882.5478	2,061,120.1003					
	PI	129+39.79		13,726,704.0250	2,060,956.8031	5° 02' 05"	1,138.0000'	476.7867'	241.9428'	24° 00' 19" LT
	PT	131+74.63		13,726,474.5105	2,060,880.2561					
			S 18° 26' 40" W							
1604SBFR-5	PC	136+16.03		13,726,055.7859	2,060,740.6043					
	PI	139+46.13		13,725,742.6415	2,060,636.1653	4° 47' 41"	1,194.9512'	644.1383'	330.1014'	30° 53' 07" LT
	PT	142+60.17		13,725,420.2913	2,060,707.2797					
			S 12° 26' 27" E							
1604SBFR-6	PC	144+65.09		13,725,220.1844	2,060,751.4257					
	PI	146+19.22		13,725,069.6660	2,060,784.6318	4° 46' 29"	1,200.0000'	306.5966'	154.1377'	14° 38' 20" RT
	PT	147+71.68		13,724,915.6417	2,060,778.7201					
			S 2° 11' 53" W							
1604SBFR-7	PC	151+12.28		13,724,575.2923	2,060,765.6568					
	PI	151+53.57		13,724,534.0362	2,060,764.0733	0° 30' 06"	11,420.1560'	82.5726'	41.2865'	0° 24' 51" RT
	PT	151+94.86		13,724,492.7926	2,060,762.1915					
			S 2° 36' 44" W							
1604SBFR-8	PC	158+78.59		13,723,809.7696	2,060,731.0284					
	PI	159+50.29		13,723,738.1462	2,060,727.7606	0° 34' 23"	10,000.0000'	143.3934'	71.6979'	0° 49' 18" RT
	PT	160+21.98		13,723,666.5770	2,060,723.4661					
			S 3° 26' 02" W							
1604SBFR-9	PC	165+65.10		13,723,124.4317	2,060,690.9348					
	PI	166+60.66		13,723,029.0482	2,060,685.2113	0° 34' 23"	10,000.0000'	191.1043'	95.5550'	1° 05' 42" LT
	PT	167+56.21		13,722,933.5728	2,060,681.3116					
			S 2° 20' 20" W							
	POT	193+08.09		13,720,383.8154	2,060,577.1662					
			S 2° 45' 05" W							
1604SBFR-10	PC	200+96.52		13,719,596.2944	2,060,539.3186					
	PI	202+06.39		13,719,486.5549	2,060,534.0446	1° 00' 00"	5,729.5780'	219.7053'	109.8661'	2° 11' 49" LT
	PT	203+16.23		13,719,376.6939	2,060,532.9815					
			S 0° 33' 16" W							
	POT	210+53.32		13,718,639.6375	2,060,525.8492					

℄ 1604TRAMP

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
1604TRAMP-1	PC	10+00.00		13,726,045.7027	2,060,911.8451					
	PI	12+70.61		13,725,782.0229	2,060,851.0022	2° 00' 02"	2,864.0000'	539.6148'	270.6084'	10° 47' 43" LT
	PT	15+39.61		13,725,511.6136	2,060,840.6234					
			S 2° 11' 53" W							
	POT	24+78.12		13,724,573.7965	2,060,804.6281					

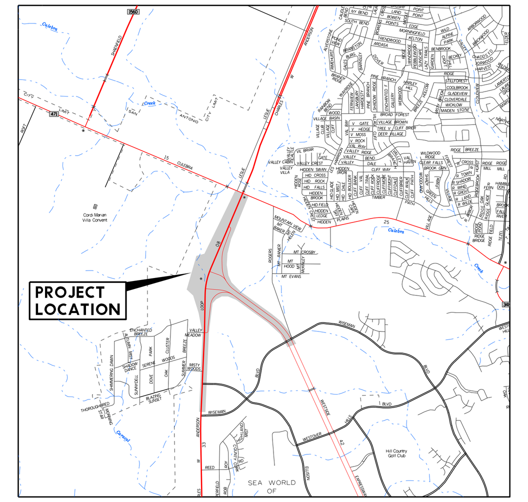
℄ 1604ENTML

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
1604ENTML-1	PC	10+00.00		13,722,931.8540	2,060,720.2739					
	PI	11+68.03		13,722,763.9608	2,060,713.4163	4° 27' 57"	1,283.0000'	334.1643'	168.0331'	14° 55' 23" LT
	PT	13+34.16		13,722,599.9642	2,060,750.0259					
			S 12° 35' 03" E							
1604ENTML-2	PC	15+57.16		13,722,382.3285	2,060,798.6096					
	PI	17+99.14		13,722,146.1608	2,060,851.3303	3° 09' 31"	1,814.0000'	481.1211'	241.9807'	15° 11' 47" RT
	PT	20+38.28		13,721,904.4315	2,060,840.3013					
			S 2° 36' 44" W							

℄ EXRALAMO

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
EXRALAMO-1	PC	100+00.00		13,727,556.1966	2,061,680.8110					
	PI	101+56.19		13,727,419.3330	2,061,605.5473	3° 00' 00"	1,909.8593'	311.6926'	156.1931'	9° 21' 03" RT
	PT	103+11.69		13,727,296.5166	2,061,509.0463					
			S 38° 09' 29" W							
EXRALAMO-2	PC	105+56.27		13,727,104.1996	2,061,357.9361					
	PI	106+19.49		13,727,054.4928	2,061,318.8798	5° 09' 59"	1,109.0000'	126.2938'	63.2152'	6° 31' 30" RT
	PT	106+82.57		13,727,009.5461	2,061,274.4280					
			S 44° 40' 58" W							
EXRALAMO-3	PC	109+04.05		13,726,852.0676	2,061,118.6834					
	PI	110+09.20		13,726,777.3040	2,061,044.7430	6° 44' 26"	850.0000'	209.2393'	105.1512'	14° 06' 15" LT
	PT	111+13.29		13,726,686.7760	2,060,991.2504					
			S 30° 34' 43" W							

SCHEMATIC LAYOUT
BEXAR COUNTY
CSJ 2452-01-057
LOOP 1604
FROM: STA 533+20.00
TO: STA 634+50.00
DISTRICT: SAN ANTONIO
DATE: AUGUST 1, 2014
APPROVED:
ROADWAY FUNCTIONAL CLASSIFICATION DESIGN SPEED
FREEWAY - URBAN 55 MPH
FRONTAGE ROAD - URBAN 40 MPH
RAMP/CONNECTOR - URBAN 40 MPH
LEGEND
SCALE: HORIZONTAL 1" = 100'
PRELIMINARY
SUBJECT TO CHANGE



VICINITY MAP
N.T.S.
PRELIMINARY DESIGN SCHEMATIC
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LOOP 1604
SCHEMATIC LAYOUT
LOOP 1604 / SH 151 INTERCHANGE
ROLL 3 OF 3
DATE: $DATE$
FILENAME: $FILE$