SCHEMATIC LAYOUT
BEXAR COUNTY
CSJ 2452-01-057
SH 151

Texas Department of Transportation

FROM: STA 486+00.00
TO: STA 561+13.64
DISTRICT: SAN ANTONIO

DATE: AUGUST 1, 2014
APPROVED:

NOT A BIDDING DOCUMENT

JIM ROZEK
$DATE$
DATE

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

LEGEND

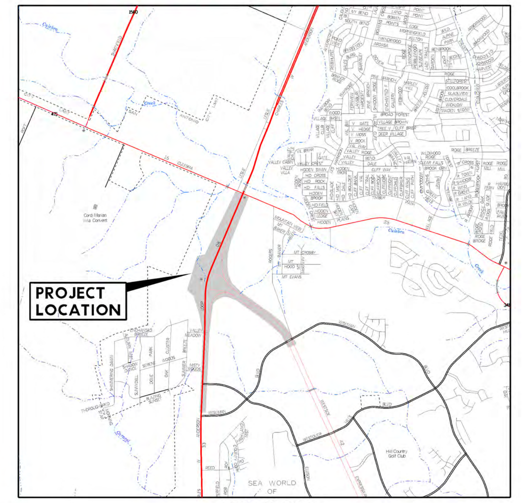
SYMBOLOGY	LINE WT	COLOR CODE	
MAIN LANES WIDENING	3	WHITE	0
DRIVEWAYS	2	BLACK	0
EXISTING ROW	1	BLACK	0
PROPOSED ROW	5	RED	3
PLANIMETRIC	1	GREEN	2
TRAFFIC COUNT YEAR DHV 2035	0	BLACK	0
EXISTING LANE DIRECTIONAL INDICATOR	0	BLACK	0
PROPOSED LANE DIRECTIONAL INDICATOR	0	BLACK	0
ROADWAY TO BE REMOVED	1	BLACK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

MILL AND OVERLAY
PROPOSED CONSTRUCTION
BRIDGES

0 100 200 300 400
SCALE: HORIZONTAL 1" = 100'
VERTICAL 1" = 10'

EQUATIONS: NONE
EXCEPTIONS: NONE
RAILROAD CROSSINGS: NONE

PRELIMINARY SUBJECT TO CHANGE



VICINITY MAP
N.T.S.

PRELIMINARY DESIGN SCHEMATIC
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WILLIAMS BROTHERS CONSTRUCTION CO., INC.

PARSONS BRINCKERHOFF
16285 Park Ten Place, Suite 400
Houston, TX 77084 TBPE # 2263

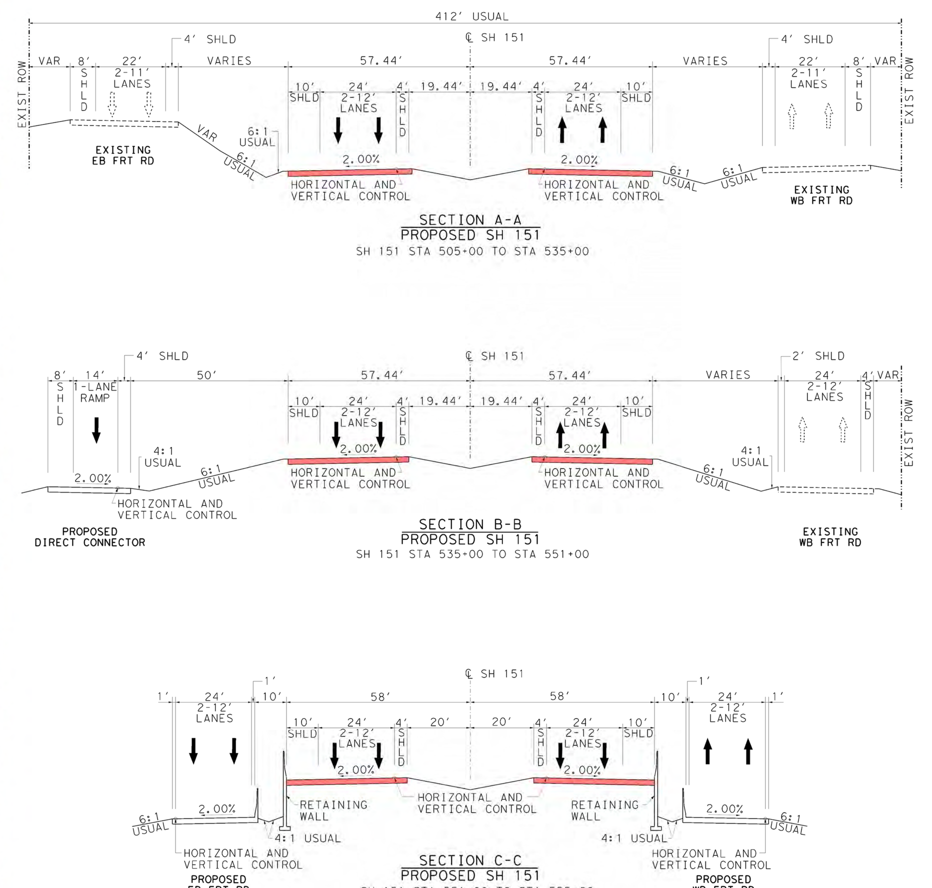
SH 151

SCHEMATIC LAYOUT

LOOP 1604 / SH 151 INTERCHANGE

ROLL 1 OF 3

DATE: $DATE$
FILENAME: $FILE$



℄ SH151CL

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
	POT	472+53.00		13,720,781.4370	2,065,822.0460					
			N 24° 33' 03" W							
SH151CL-1	PC	491+64.38		13,722,520.0105	2,065,027.8653					
	PI	498+58.42		13,723,151.3109	2,064,739.4871	2° 08' 30"	2,675.2900'	1,358.1543'	694.0477'	29° 05' 14" LT
	PT	505+22.53		13,723,562.8007	2,064,180.5790					
			N 53° 38' 17" W							
SH151CL-2	PC	532+56.95		13,725,183.9929	2,061,978.5864					
	PI	534+20.80		13,725,281.1386	2,061,846.6378	1° 00' 30"	5,681.5780'	327.6145'	163.8527'	3° 18' 14" RT
	PT	535+84.56		13,725,385.7270	2,061,720.5071					
			N 50° 20' 03" W							
SH151CL-3	PC	543+43.15		13,725,869.9404	2,061,136.5597					
	PI	573+32.73		13,727,778.2109	2,058,835.2401	1° 08' 45"	5,000.0000'	5,388.8523'	2,989.5766'	61° 45' 06" LT
	PT	597+32.00		13,726,654.1396	2,056,065.0358					
			S 67° 54' 51" W							
	POT	597+74.94		13,726,637.9960	2,056,025.2510					

℄ SH151EMBL

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
	POT	472+53.00		13,720,771.4650	2,065,800.2158					
			N 24° 33' 03" W							
SH151EBML-1	PC	491+64.39		13,722,510.0515	2,065,006.0291					
	PI	497+84.31		13,723,073.9227	2,064,748.4526	2° 09' 40"	2,651.2900'	1,217.9521'	619.9164'	26° 19' 14" LT
	PT	503+82.34		13,723,465.1281	2,064,267.5631					
			N 50° 52' 17" W							
SH151EBML-2	PC	503+82.57		13,723,465.2680	2,064,267.3911					
	PI	509+64.18		13,723,832.3011	2,063,816.2154	0° 14' 16"	24,086.0000'	1,162.9985'	581.6122'	2° 46' 00" LT
	PT	515+45.56		13,724,177.1297	2,063,347.8501					
			N 53° 38' 17" W							
SH151EBML-3	PC	523+90.97		13,724,678.3602	2,062,667.0513					
	PI	525+05.10		13,724,746.0209	2,062,575.1509	1° 00' 06"	5,719.5780'	228.2123'	114.1213'	2° 17' 10" LT
	PT	526+19.19		13,724,809.9618	2,062,480.6246					
			N 55° 55' 27" W							
SH151EBML-4	PC	530+17.95		13,725,033.3865	2,062,150.3276					
	PI	532+96.50		13,725,189.4535	2,061,919.6080	1° 00' 15"	5,705.5780'	556.6521'	278.5470'	5° 35' 24" RT
	PT	535+74.60		13,725,367.2523	2,061,705.1877					
			N 50° 20' 03" W							
SH151EBML-5	PC	543+33.19		13,725,851.4657	2,061,121.2403					
	PI	547+53.17		13,726,119.5398	2,060,797.9505	1° 09' 05"	4,976.0000'	837.9666'	419.9763'	9° 38' 55" LT
	PT	551+71.16		13,726,329.6363	2,060,434.3029					
			N 59° 58' 59" W							
SH151EBML-6	PC	551+73.38		13,726,328.5245	2,060,436.2271					
	PI	553+52.37		13,726,418.0643	2,060,281.2462	2° 57' 51"	1,933.0000'	356.9567'	178.9873'	10° 34' 50" LT
	PT	555+30.34		13,726,477.6247	2,060,112.4535					
			N 70° 33' 48" W							
SH151EBML-7	PC	558+44.16		13,726,582.0523	2,059,816.5238					
	PI	558+91.34		13,726,597.7514	2,059,772.0343	2° 01' 03"	2,840.0000'	94.3476'	47.1782'	1° 54' 12" RT
	PT	559+38.51		13,726,614.9196	2,059,728.0908					
			N 68° 39' 36" W							

℄ SH151WBML

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
	POT	472+53.00		13,720,791.4090	2,065,843.8762					
			N 24° 33' 03" W							
SH151WBML-1	PC	491+64.38		13,722,529.9825	2,065,049.6955					
	PI	498+64.65		13,723,166.9463	2,064,758.7303	2° 07' 21"	2,699.2900'	1,370.3383'	700.2740'	29° 05' 14" LT
	PT	505+34.71		13,723,582.1276	2,064,194.8082					
			N 53° 38' 17" W							
SH151WBML-2	PC	532+69.13		13,725,203.3199	2,061,992.8156					
	PI	534+32.29		13,725,300.0551	2,061,861.4244	1° 00' 46"	5,657.5780'	326.2306'	163.1605'	3° 18' 14" RT
	PT	535+95.36		13,725,404.2018	2,061,735.8265					
			N 50° 20' 03" W							
SH151WBML-3	PC	543+53.95		13,725,888.4151	2,061,151.8791					
	PI	546+90.61		13,726,103.3043	2,060,892.7289	1° 08' 26"	5,024.0000'	672.3037'	336.6544'	7° 40' 02" LT
	PT	550+26.26		13,726,281.6966	2,060,607.2252					
			N 58° 00' 05" W							
SH151WBML-4	PC	555+55.76		13,726,562.2802	2,060,158.1721					
	PI	556+59.59		13,726,617.3013	2,060,070.1148	4° 00' 04"	1,432.0000'	207.3045'	103.8336'	8° 17' 40" LT
	PCC	557+63.06		13,726,659.0438	2,059,975.0411					
			N 66° 17' 45" W							
SH151WBML-5	PCC	557+63.06		13,726,659.0438	2,059,975.0411					
	PI	558+89.50		13,726,709.8705	2,059,859.2771	1° 07' 54"	5,063.2684'	252.8084'	126.4304'	2° 51' 39" LT
	PT	560+15.87		13,726,754.8561	2,059,741.1207					
			N 69° 09' 24" W							
	POT	560+15.88		13,726,754.8539	2,059,741.1265					

℄ 151EBFR

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
151EBFR-1	PC	9+93.33		13,726,052.9552	2,060,739.6602					
	PI	12+21.66		13,726,182.9200	2,060,551.9309	1° 09' 53"	4,919.0000'	456.3262'	228.3269'	5° 18' 55" LT
	PCC	14+49.66		13,726,294.9357	2,060,352.9695					
			N 60° 37' 13" W							
151EBFR-2	PCC	14+49.66		13,726,294.9357	2,060,352.9695					
	PI	15+13.88		13,726,326.4426	2,060,297.0070	4° 00' 04"	1,432.0000'	128.3583'	64.2221'	5° 08' 09" LT
	PT	15+78.01		13,726,352.8136	2,060,238.4489					
			N 65° 45' 22" W							
151EBFR-3	PC	18+91.23		13,726,481.4272	2,059,952.8553					
	PI	21+24.39		13,726,577.1650	2,059,740.2644	1° 07' 25"	5,099.2691'	465.9827'	233.1536'	5° 14' 09" LT
	PT	23+57.21		13,726,653.1032	2,059,519.8239					
			N 70° 59' 31" W							

℄ 151WBFR

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
151WBFR-1	PC	10+00.00		13,726,232.7916	2,060,799.6387					
	PI	10+94.58		13,726,285.8553	2,060,721.3477	1° 07' 34"	5,088.0000'	189.1368'	94.5793'	2° 07' 48" LT
	PT	11+89.14		13,726,335.9726	2,060,641.1386					
			N 58° 00' 05" W							
151WBFR-2	PC	15+74.33		13,726,540.0867	2,060,314.4691					
	PI	16+51.16		13,726,580.7990	2,060,249.3122	5° 43' 46"	1,000.0000'	153.3594'	76.8303'	8° 47' 13" LT
	PT	17+27.69		13,726,611.0801	2,060,178.7009					
			N 66° 47' 18" W							
151WBFR-3	PC	19+77.28		13,726,709.4508	2,059,949.3139					
	PI	21+55.92		13,726,779.8584	2,059,785.1333	1° 07' 25"	5,099.2691'	357.1354'	178.6407'	4° 00' 46" LT
	PT	23+34.42		13,726,838.6041	2,059,616.4280					
			N 70° 48' 04" W							

℄ ENTCON

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	CURVE LENGTH	TANGENT	DEFLECTION
	POT	129+52.75		13,724,898.5019	2,061,586.2497					
			N 69° 00' 27" E							
ENTCON-1	PC	130+30.30		13,724,926.2843	2,061,658.6534					
	PI	133+54.60		13,725,042.4630	2,061,961.4266	8° 48' 53"	650.0000'	601.6179'	324.2978'	53° 01' 52" RT
	PT	136+31.92		13,724,870.4267	2,062,236.3313					
			S 57° 57' 42" E							
ENTCON-2	PC	136+32.10		13,724,870.3302	2,062,236.4855					
	PI	140+65.91		13,724,640.2015	2,062,604.2190	0° 29' 55"	11,490.0000'	867.1990'	433.8055'	4° 19' 28" RT
	PT	144+99.30		13,724,382.9998	2,062,953.5533					
			S 53° 38' 14" E							
	POT	153+01.48		13,723,907.3895	2,063,599.5326					
			S 54° 14' 53" E							
ENTCON-3	PC	159+45.88		13,723,530.8812	2,064,122.4955					
	PI	160+22.96		13,723,485.8440	2,064,185.0514	2° 11' 27"	2,615.2900'	154.1187'	77.0817'	3° 22' 35" RT
	PT	161+00.00		13,723,437.2007	2,064,244.8461					
			S 50° 52' 17" E							

SH 151 PROPOSED EASTBOUND MAINLANES

SH 151 PROPOSED WESTBOUND MAINLANES

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BEXAR COUNTY
CSJ 2452-01-057
SH 151
FROM: STA 486+00.00
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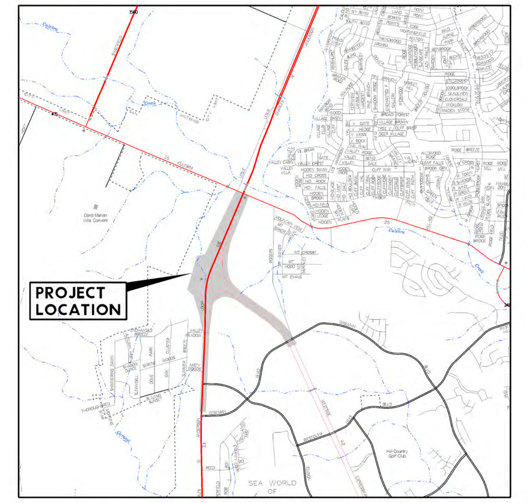
ROADWAY FUNCTIONAL CLASSIFICATION DESIGN SPEED
FREEWAY - URBAN 55 MPH
FRONTAGE ROAD - URBAN 40 MPH
RAMP/CONNECTOR - URBAN 40 MPH
LEGEND
SCALE: HORIZONTAL 1" = 100' VERTICAL 1" = 10'
PRELIMINARY SUBJECT TO CHANGE



VICINITY MAP
N.T.S.
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PARSONS BRINCKERHOFF
16285 Park Ten Place, Suite 400
Houston, TX 77084 TBPE # 2263
SH 151
SCHEMATIC LAYOUT
LOOP 1604 / SH 151 INTERCHANGE
ROLL 1 OF 3
DATE: $DATE$
FILENAME: $FILE$