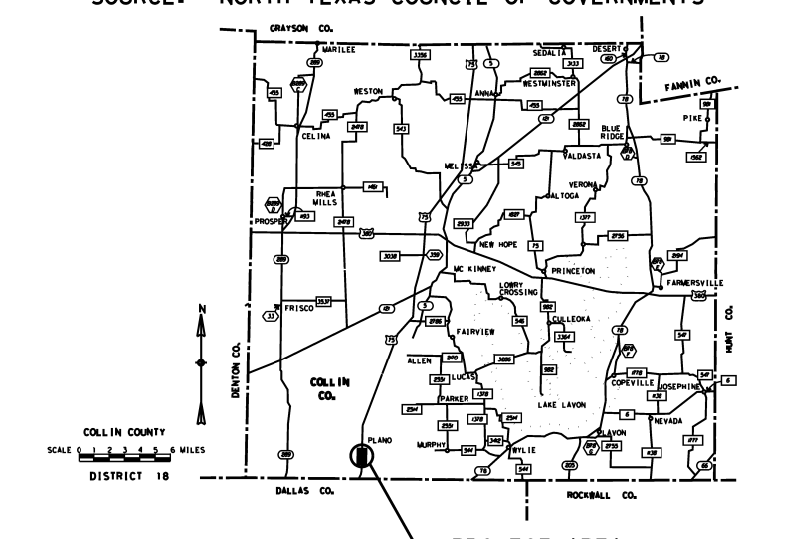


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 DALLAS DISTRICT
 DESIGN SCHEMATIC
 WILLIAM L. HALE, P.E.
 DISTRICT ENGINEER

US 75
 FROM: PGBT
 TO: PARK BLVD
 COLLIN COUNTY
 CSJ: 0047-06-133

FUNCTIONAL CLASS: URBAN FREEWAY
 PROJECT LENGTH: 1.26 MILES
 DESIGN SPEED: MAINLINES 60 MPH
 RAMP 40 MPH
 COLLECTORS 40 MPH
 FRONTAGE ROADS 40 MPH
 CROSS STREETS 35 MPH

AVERAGE DAILY TRAFFIC 2004 - 2030 = 221,263 + 256,581
 SOURCE: NORTH TEXAS COUNCIL OF GOVERNMENTS



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NOVEMBER 2012

ROLL 4 OF 7

US 75 SOUTHBOUND MAINLINES
 US 75 SOUTHBOUND TO
 PRESIDENT GEORGE BUSH
 PLANO PARKWAY EXIT
 PLANO PARKWAY ENTRANCE

PREPARED BY:
 TRAN SYSTEMS
 3030 LBJ FREEWAY - STE. 900
 DALLAS - TEXAS 75234
 PHONES: (972) 280-9300
 FAX: (972) 280-9715

TXAS REGISTERED ENGINEERING FIRM F-3557

TABLE OF CONTENTS

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- EXISTING RIGHT OF WAY
- EXISTING TRAFFIC
- PROPOSED TRAFFIC

ROLL 1 PGBT-COLL, COLL, COLL-75NB, NBMENT, PARK

ROLL 2 TYPICAL SECTIONS FOR ROLL 1

ROLL 3 NBFR, SBFR

ROLL 4 US 75 SB MAIN, 75SB-PGBT, PGBT, PPENT

ROLL 5 PLANO PARKWAY, DART RAIL

ROLL 6 LARGE SIGN LAYOUT

ROLL 7 EXISTING PROFILES

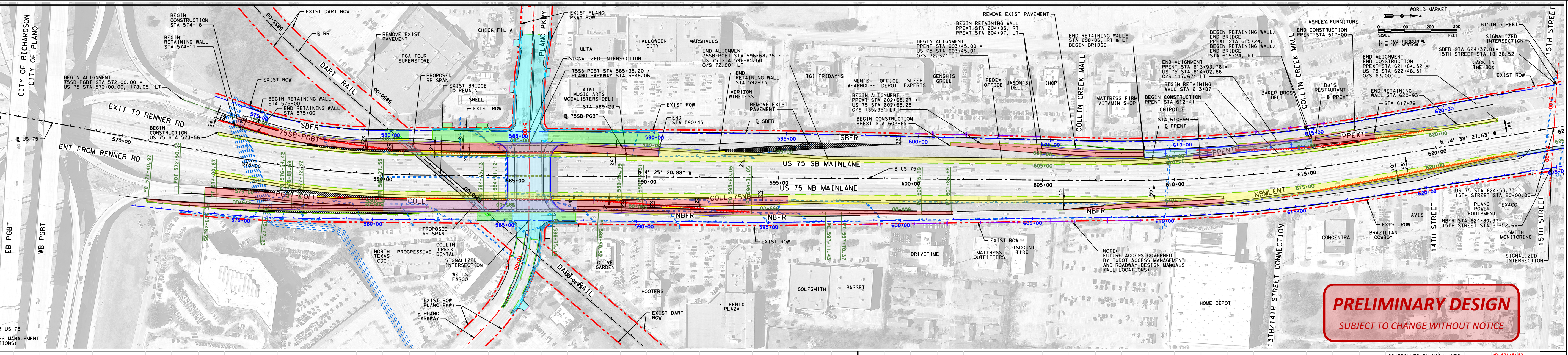
NOT INTENDED FOR CONSTRUCTION, BIDDING OR PERMIT PURPOSES

PRELIMINARY DESIGN
 SUBJECT TO CHANGE WITHOUT NOTICE

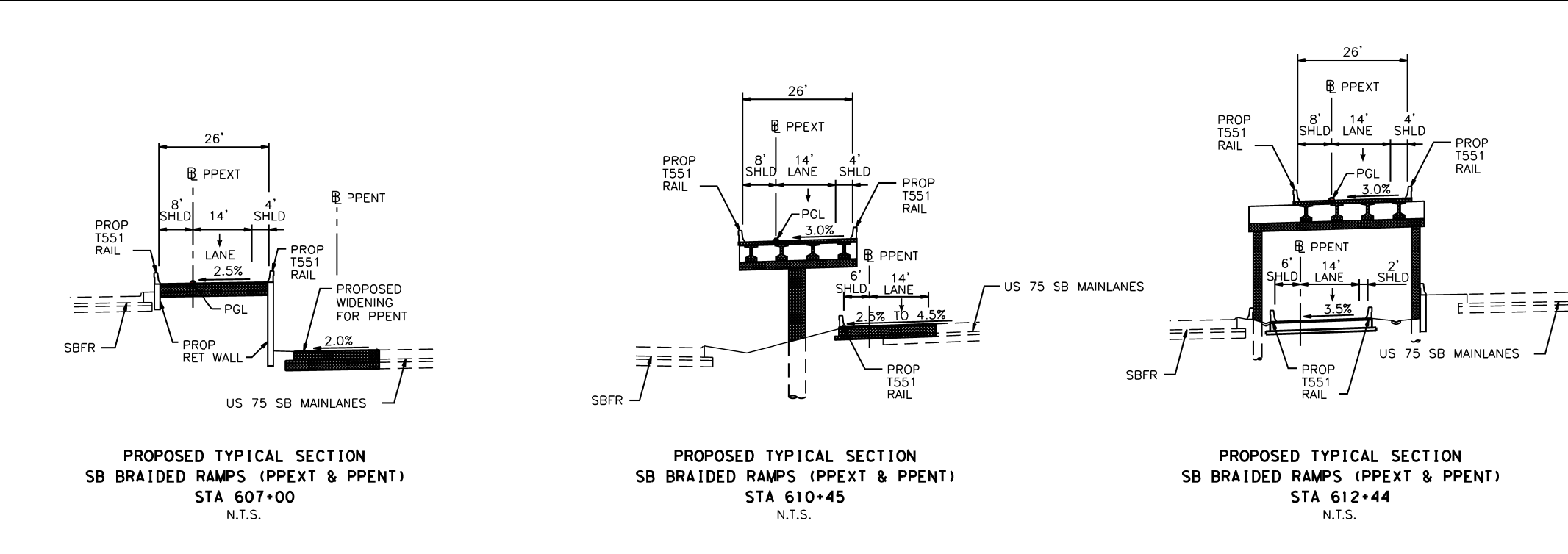
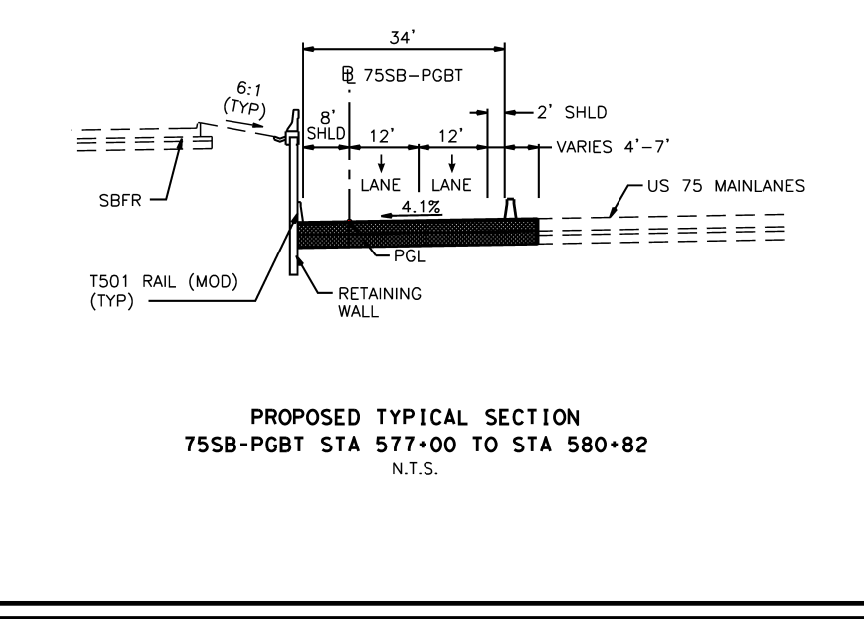
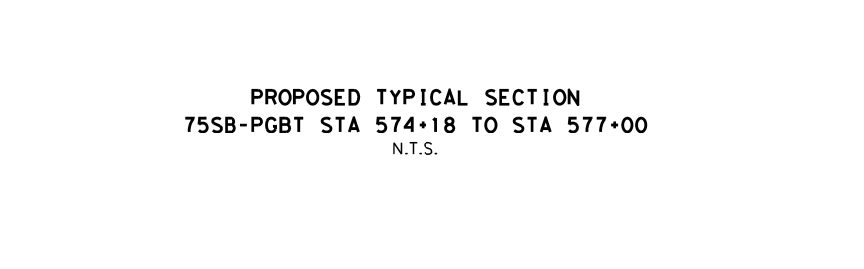
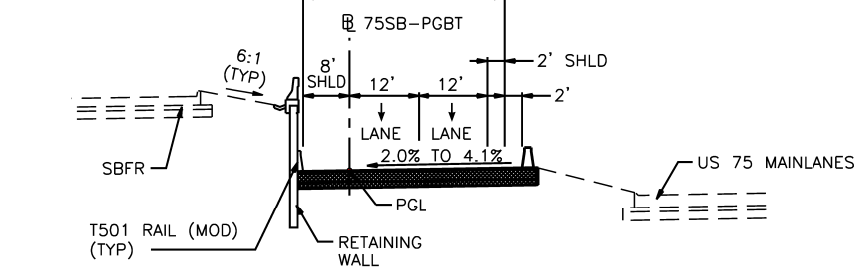
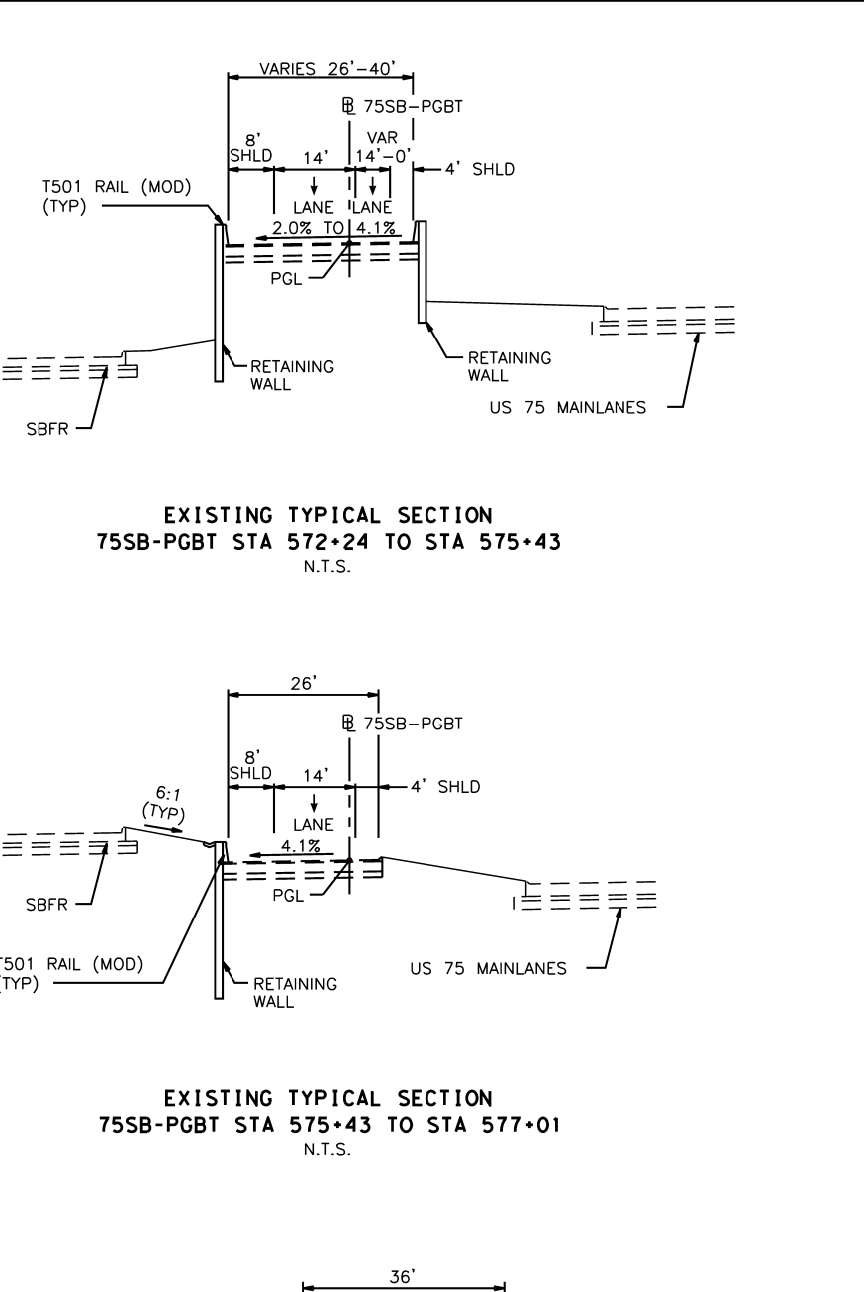
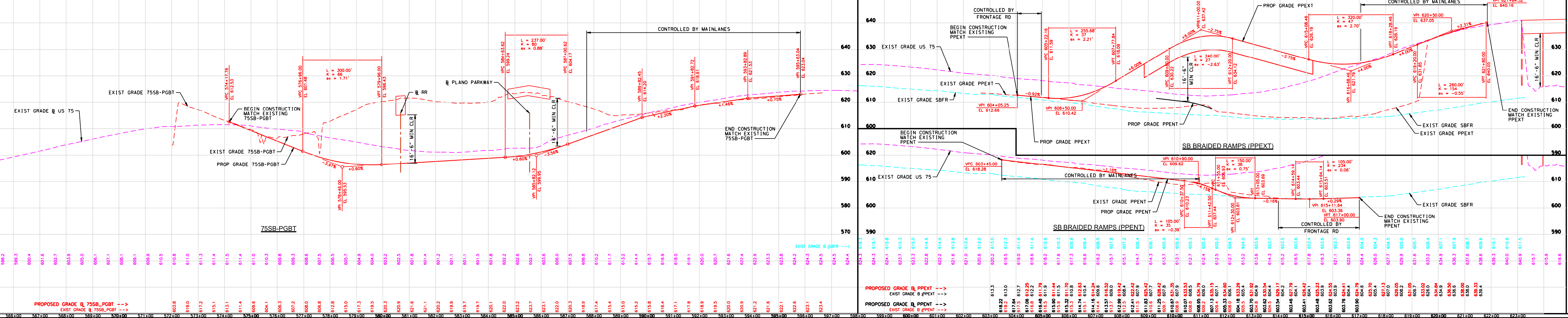
SUPERELEVATION TABLE

STATION	CROSS SLOPE
568-20	NORMAL CROWN
571-20	4.10% DN LT
579-00	4.10% DN LT
588-00	NORMAL CROWN
602-00	NORMAL CROWN
606-50	2.90% DN LT
607-50	2.90% DN LT
617-20	2.90% DN LT
618-50	NORMAL CROWN
624-60	NORMAL CROWN
626-10	2.90% DN RT
635-20	2.90% DN RT
637-30	PROPOSED PPENT
611-49	4.30% DN LT
611-49	2.50% DN LT
604-99	3.20% DN LT
605-94	2.50% DN LT
607-71	2.50% DN LT
608-68	NORMAL CROWN
616-56	NORMAL CROWN
617-06	2.55% DN RT

NOTE:
 1. ALL PLAN VIEW STATIONS REFERENCE TO US 75
 UNLESS OTHERWISE NOTED
 2. FUTURE ACCESS GOVERNED BY FOOT ACCESS MANAGEMENT AND ROADWAY DESIGN MANUALS (ALL LOCATIONS)



PRELIMINARY DESIGN
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HORIZONTAL CONTROL DATA

CONTROL POINT	STATION	NORTHING	EASTING	DELTA	BEARING	TANGENT	LENGTH	RADIUS
PPENT1	603-45.00	7,057,490.19	2,517,934.96		N 4°22'08" W		330.80	
PT	606-75.80	7,057,820.02	2,517,913.76					
PPENT2	609-45.57	7,058,099.01	2,517,893.21		N 10° 45' 30.92" LT		269.77	2,864.93
PT	611-13.73	7,058,248.43	2,517,892.81					
PPENT3	613-93.76	7,058,523.23	2,517,775.82		N 15°07' 39" W		180.04	

HORIZONTAL CONTROL DATA

CONTROL POINT	STATION	NORTHING	EASTING	DELTA	BEARING	TANGENT	LENGTH	RADIUS
PPEXT1	602-65.25	7,057,406.77	2,517,881.72		DUE NORTH		290.26	
PC	603-55.51	7,057,686.33	2,517,881.72					
PT	606-76.43	7,057,818.95	2,517,881.72		4° 54' 48" W		122.91	245.68
PPENT	608-01.19	7,057,941.41	2,517,871.19					
PC	608-01.19	7,057,941.41	2,517,871.19					
PPENT-2	610-65.88	7,058,203.13	2,517,848.68		5° 37' 42.94" LT		262.69	524.95
PT	611-29.14	7,058,481.38	2,517,800.63		N 10°32' 31" W		462.25	5,343.67
PC	617-88.39	7,058,915.83	2,517,716.06					
PPENT-3	618-36.19	7,058,962.82	2,517,707.31		1° 54' 41.37" RT		47.79	95.58
PT	618-83.97	7,059,010.97	2,517,700.14					
PC	618-83.97	7,059,010.97	2,517,700.14					
PPENT-4	620-34.38	7,059,158.78	2,517,677.57		6° 00' 38.16" LT		150.41	300.54
PT	621-84.52	7,059,304.30	2,517,639.55		N 14°38' 28" W			

HORIZONTAL CONTROL DATA

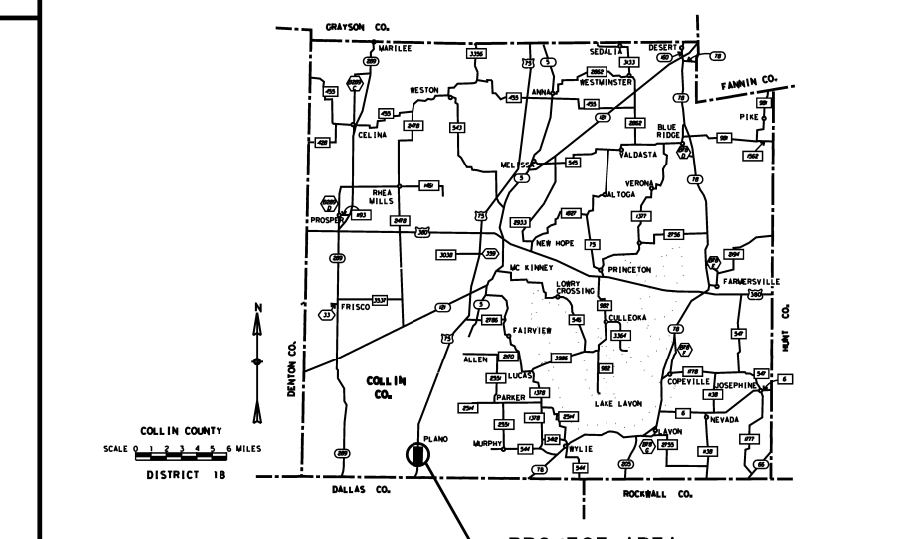
CONTROL POINT	STATION	NORTHING	EASTING	DELTA	BEARING	TANGENT	LENGTH	RADIUS
ROT 1020	572-00.00	7,054,377.18	2,517,972.70		N 14°30' 29" E		213.76	
PC	574-17.76	7,054,588.75	2,518,026.64					
PT	576-94.28	7,054,856.55	2,518,095.13		18° 41' 35.55" LT		276.51	548.11
PP	579-65.88	7,055,132.37	2,518,074.15					
PC	580-27.82	7,055,194.33	2,518,068.43		N 4°21'07" W		61.94	
PT	580-76.06	7,055,242.23	2,518,065.78		1° 22' 42.61" RT		48.24	96.48
PC	581-24.30	7,055,290.41	2,518,063.28					
PT	581-44.32	7,055,310.40	2,518,062.25		N 2°58' 24" W		20.02	
PC	581-45.93	7,055,361.50	2,518,059.61		1° 26' 56.91" LT		50.71	101.42
PT	582-45.73	7,055,411.60	2,518,056.70					
PC	584-11.80	7,055,782.57	2,518,027.01		N 4°25' 21" W		372.07	
PT	587-23.83	7,055,887.28	2,518,014.92		3° 00' 02.21" RT		105.03	210.01
PC	588-27.82	7,055,962.18	2,518,016.31					
PT	592-55.63	7,056,419.86	2,518,005.69		N 1°29' 13" W		427.82	
PC	593-03.33	7,056,487.64	2,518,004.22		1° 21' 46.81" LT		47.70	95.39
PT	593-51.02	7,056,515.27	2,518,001.62					
PC	593-75.00	7,056,515.27	2,518,001.62		N 3°07' 44" W			
PT	598-09.91	7,056,673.82	2,517,992.95		2° 07' 40.62" RT		158.88	317.73
PC	598-68.75	7,056,832.77	2,517,990.17		N 1°00' 03" W			

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