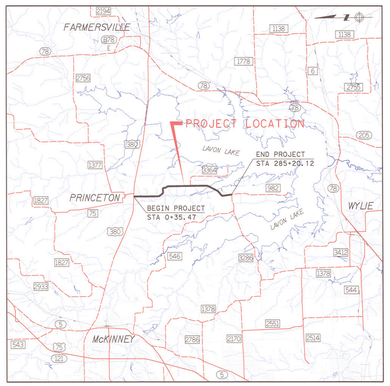
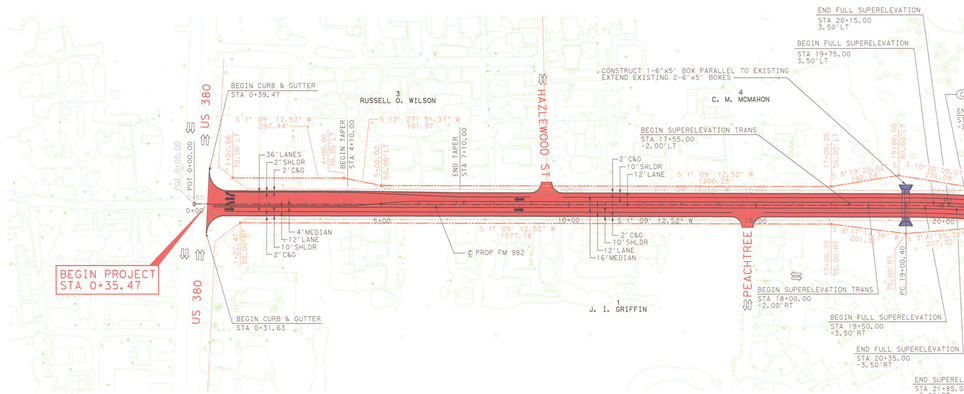
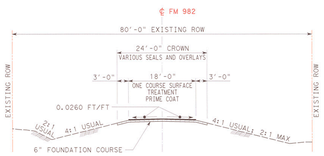


VICINITY MAP
NTS

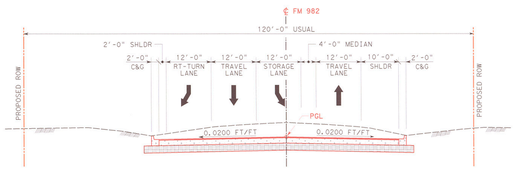
℄ FM 982

DESCRIPTION		STATION	BEARING	NORTHING	EASTING	DEGREE	RADIUS	LENGTH	TANGENT	DELTA
	POT	0+00.00		7,117,048.5610	2,581,115.8760					
			S 1° 09' 12.52" W					1,900.40		
	PC	19+00.40		7,115,148.5505	2,581,077.6199					
CURVE 1-1	PI	19+93.49		7,115,055.4767	2,581,075.7459	2° 00' 00.00"	2,864.79'	186.12'	93.09'	3° 43' 20.62" RT
	PT	20+86.52		7,114,962.7210	2,581,067.8332					
			S 4° 52' 33.14" W							
	PC	24+10.88		7,114,639.5290	2,581,040.2630					
CURVE 1-2	PI	25+29.43		7,114,521.4133	2,581,030.1870	2° 00' 00.00"	2,864.79'	236.95'	118.54'	4° 44' 20.69" LT
	PT	26+47.84		7,114,402.8690	2,581,029.9040					
			S 0° 08' 12.45" W							
	POT	42+61.70		7,112,789.0110	2,581,026.0510					
			S 0° 18' 11.90" W					1,702.42		
	PC	59+64.11		7,111,086.6186	2,581,017.0390					
CURVE 1-3	PI	69+00.11		7,110,150.6318	2,581,012.0841	5° 59' 58.41"	955.00'	1,480.92'	936.00'	88° 50' 55.19" LT
	PT	74+45.03		7,110,126.8709	2,581,947.7824					
			S 88° 32' 43.29" E							
	PC	77+99.56		7,110,117.8710	2,582,302.1977					
CURVE 1-4	PI	87+45.60		7,110,093.8554	2,583,247.9242	5° 59' 58.41"	955.00'	1,491.10'	946.03'	89° 27' 33.80" RT
	PT	92+90.66		7,109,147.9444	2,583,232.8330					
			S 0° 54' 50.51" W							
	PC	95+64.13		7,108,874.5139	2,583,228.4706					
CURVE 1-5	PI	97+95.43		7,108,643.2401	2,583,224.7808	5° 59' 58.41"	955.00'	453.87'	231.30'	27° 13' 47.93" LT
	PT	100+18.00		7,108,435.9083	2,583,327.3224					
			S 26° 18' 57.42" E							
	PC	103+93.11		7,108,099.6723	2,583,493.6170					
CURVE 1-6	PI	106+72.28		7,107,849.4273	2,583,617.3825	5° 00' 00.00"	1,145.92'	547.69'	279.18'	27° 23' 03.62" RT
	PT	109+40.79		7,107,570.2976	2,583,612.1770					
			S 1° 04' 06.20" W							
	PC	137+30.00		7,104,781.5758	2,583,560.1699					
CURVE 1-7	PI	138+53.32		7,104,658.2730	2,583,557.8704	0° 59' 59.87"	5,729.79'	246.61'	123.32'	2° 27' 57.65" RT
	PT	139+76.61		7,104,535.1835	2,583,550.2677					
			S 3° 32' 03.86" W							
	PC	141+80.38		7,104,331.8024	2,583,537.7058					
CURVE 1-8	PI	143+03.70		7,104,208.7127	2,583,530.1031	0° 59' 59.87"	5,729.79'	246.61'	123.32'	2° 27' 57.65" LT
	PT	144+26.99		7,104,085.4098	2,583,527.8037					
			S 1° 04' 06.20" W							
	PC	147+42.99		7,103,769.4648	2,583,521.9116					
CURVE 1-9	PI	148+66.31		7,103,646.1619	2,583,519.6121	0° 59' 59.87"	5,729.79'	246.61'	123.32'	2° 27' 57.65" LT
	PT	149+89.60		7,103,522.8745	2,583,522.6201					
			S 1° 23' 51.45" E							
	PC	151+93.37		7,103,319.1666	2,583,527.5901					
CURVE 1-10	PI	153+16.69		7,103,195.8790	2,583,530.5981	0° 59' 59.87"	5,729.79'	246.61'	123.32'	2° 27' 57.65" RT
	PT	154+39.98		7,103,072.5761	2,583,528.2986					
			S 1° 04' 06.20" W							
	PC	209+99.75		7,097,513.7721	2,583,424.6320					
CURVE 1-11	PI	213+07.24		7,097,206.3370	2,583,418.8986	5° 00' 00.00"	1,145.92'	600.82'	307.49'	30° 02' 28.27" RT
	PT	216+00.57		7,096,943.0711	2,583,260.0265					
			S 31° 06' 34.47" W							
	PC	242+70.93		7,094,656.7626	2,581,880.3158					
CURVE 1-12	PI	244+96.73		7,094,463.4340	2,581,763.6484	4° 59' 59.93"	1,145.92'	445.89'	225.80'	22° 17' 40.67" RT
	PT	247+16.82		7,094,328.8177	2,581,582.3596					
			S 53° 24' 15.15" W							
	PC	253+53.36		7,093,949.3371	2,581,071.3101					
CURVE 1-13	PI	259+78.09		7,093,576.8943	2,580,569.7386	5° 15' 00.00"	1,091.35'	1,134.80'	624.73'	59° 34' 37.15" LT
	PT	264+88.16		7,092,955.7864	2,580,636.9140					
			S 6° 10' 22.01" E							
	POT	284+98.91		7,090,956.6940	2,580,853.1240					
			S 5° 42' 01.48" E					512.83		
								2,010.75		
	POT	290+11.74		7,090,446.3980	2,580,904.0620			512.83		





EXISTING TYPICAL SECTION
NTS



PROPOSED TYPICAL SECTION
CURB AND GUTTER
STORAGE LANE
RIGHT-TURN LANE
NTS
STA 0+39.47 TO STA 4+10.00

DESIGN SCHEMATIC

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FM 982
FROM: US 380
TO: FM 546

CSJ 0387-05-016

DALLAS DISTRICT
JAY R. NELSON, PE
DISTRICT ENGINEER

COLLIN COUNTY

KBR
Engineered by KBR Technical Services, Inc

NOT A BIDDING DOCUMENT

JAMSHID JAHANGIRI P.E.
56390
TEXAS REGISTRATION NUMBER
02-04-2003
DATE

REVISION

REVISION NO	REVISION DATE	DESCRIPTION	APPROVAL DATE

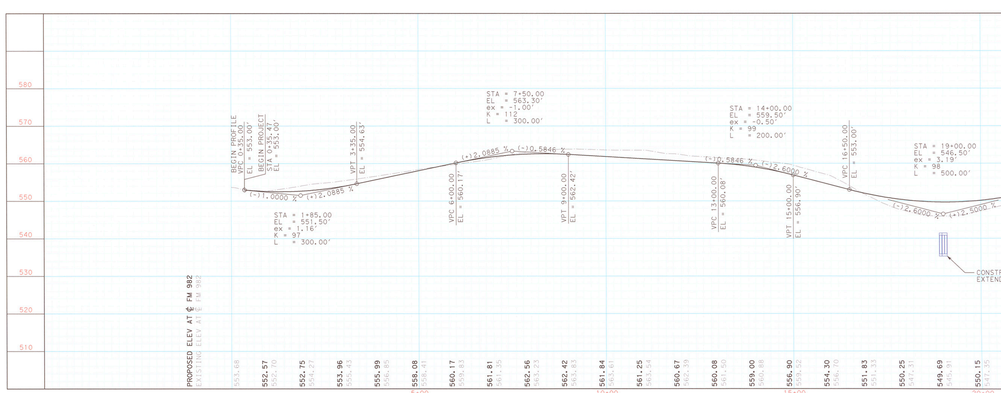
LEGEND

- PROPOSED & EXISTING ALIGNMENT
- OLD ALIGNMENT
- EXISTING LANE DIRECTIONAL INDICATOR
- PROPOSED LANE DIRECTIONAL INDICATOR
- PROPOSED PAVEMENT
- EXISTING PAVEMENT & STRUCTURES
- DRAINAGE STRUCTURES
- PROPOSED ROW
- EXISTING ROW

0 100 200 300 400
SCALE: 1" = 100' HORIZ
1" = 10' VERT

FM 982
FROM US 380 TO FM 546
GEOMETRIC DESIGN CRITERIA

DESIGN ELEMENTS	PROPOSED
FUNCTIONAL CLASSIFICATION	MAJOR CONNECTOR
DESIGN SPEED	50 MPH
MINIMUM CENTERLINE CURVE RADIUS	1055 FT
MAXIMUM GRADE	8%
MINIMUM GRADE	0.5%
K (SAG)	96
K (CREST)	84
TRAVEL LANES NUMBER/WIDTH	2 - 12'
HORIZONTAL CLEARANCE	30'
PAVEMENT CROSS SLOPE	2.00%
SHOULDER WIDTH	10' - MAINLANE 2' - AC & DC LANES
MAXIMUM SUPERELEVATION RATE	6.00%



REF FILES:
JOB 0001 DGN
JOB 0002 DGN
JOB 0003 BOR
JOB 0004 BOR
JOB 0005 LOT
JOB 0006 LOT
JOB 0007 PLAN
JOB 0008 PLAN

ICON (UNIT) (Text)