

PROJECT NET LENGTH : 1.67 MILES

LIMITS : FROM STA 0+00.00 (FM 494 & HWY 107) TO STA 88+02.24 (FM 494 & MILE 9 RD)

FUNCTIONAL CLASSIFICATION : MINOR COLLECTOR

e MAX : -2%

DESIGN CRITERIA : TxDOT ROADWAY DESIGN MANUAL CHAPTER 2

ALIGNMENT "B" CURVE TABLE


CURVE #	PI STATION	RADIUS	DELTA	CHORD DIRECTION	DEGREE OF CURVE	TANGENT	LENGTH	PC STATION	PT STATION
C1	4+06.27	1099.00	4° 59' 00.16"	N6° 17' 12.99"E	5° 12' 54.89"	47.82	95.56	3+58.45	4+54.04
C2	7+55.98	1099.00	4° 44' 05.10"	N6° 09' 45.47"E	5° 12' 54.89"	45.43	90.79	7+10.54	8+01.36
C3	33+72.73	1099.00	30° 42' 57.84"	N23° 53' 16.94"E	5° 12' 54.89"	301.85	582.14	30+70.88	36+60.05
C4	48+26.38	1099.00	30° 17' 20.29"	N24° 06' 05.71"E	5° 12' 54.89"	297.45	574.24	45+28.94	51+09.91

DESIGN SPEED TABLE

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MAINLANES	45 MPH STA. 0+00.00 TO 86+80.41
CROSSROADS	
HWY 107	55 MPH
MILE 7 1/2 RD	60 MPH
MILE 8 RD	30 MPH
MILE 8 1/2 RD	60 MPH
MILE 9 RD	60 MPH

EXHIBIT "A" - LOCATION MAP

SCALE: 1"=1000'


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 TEX. REG. SURVEYING FIRM No. 101416-00