

**CURVE 1 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 0+24.0	505282.926	703560.502	POSTED SPEED = 40
PT 0+65.3	505281.184	703601.245	

DELTA= 31°33'02" LT  
 D = 76°23'39"  
 R = 75.00'  
 T = 21.19'  
 L = 41.30'  
 E = 2.94'  
 BANK = NC

**CURVE 2 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 9+43.6	505483.617	704455.862	POSTED SPEED = 40
PT 10+05.4	505497.676	704516.045	

DELTA= 0°21'15" RT  
 D = 0°34'23"  
 R = 10000.00'  
 T = 30.90'  
 L = 61.80'  
 E = 0.05'  
 BANK = NC

**CURVE 3 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 16+42.5	505640.692	705136.905	POSTED SPEED = 40
PT 19+94.4	505689.189	705485.027	

DELTA= 10°04'56" RT  
 D = 2°51'53"  
 R = 2000.00'  
 T = 176.42'  
 L = 351.94'  
 E = 7.77'  
 BANK = NC

**BANKING DIAGRAM NOTES**

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE SHOULDER CROSS SLOPE SHALL MATCH THE LANE CROSS SLOPE.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING THE LATEST EDITION OF AASHTO (GREEN BOOK) AND A DESIGN SPEED EQUAL TO THE POSTED SPEED AND MAXIMUM SUPERELEVATION RATE OF 0.08.

**CURVE 4 – THETFORD**

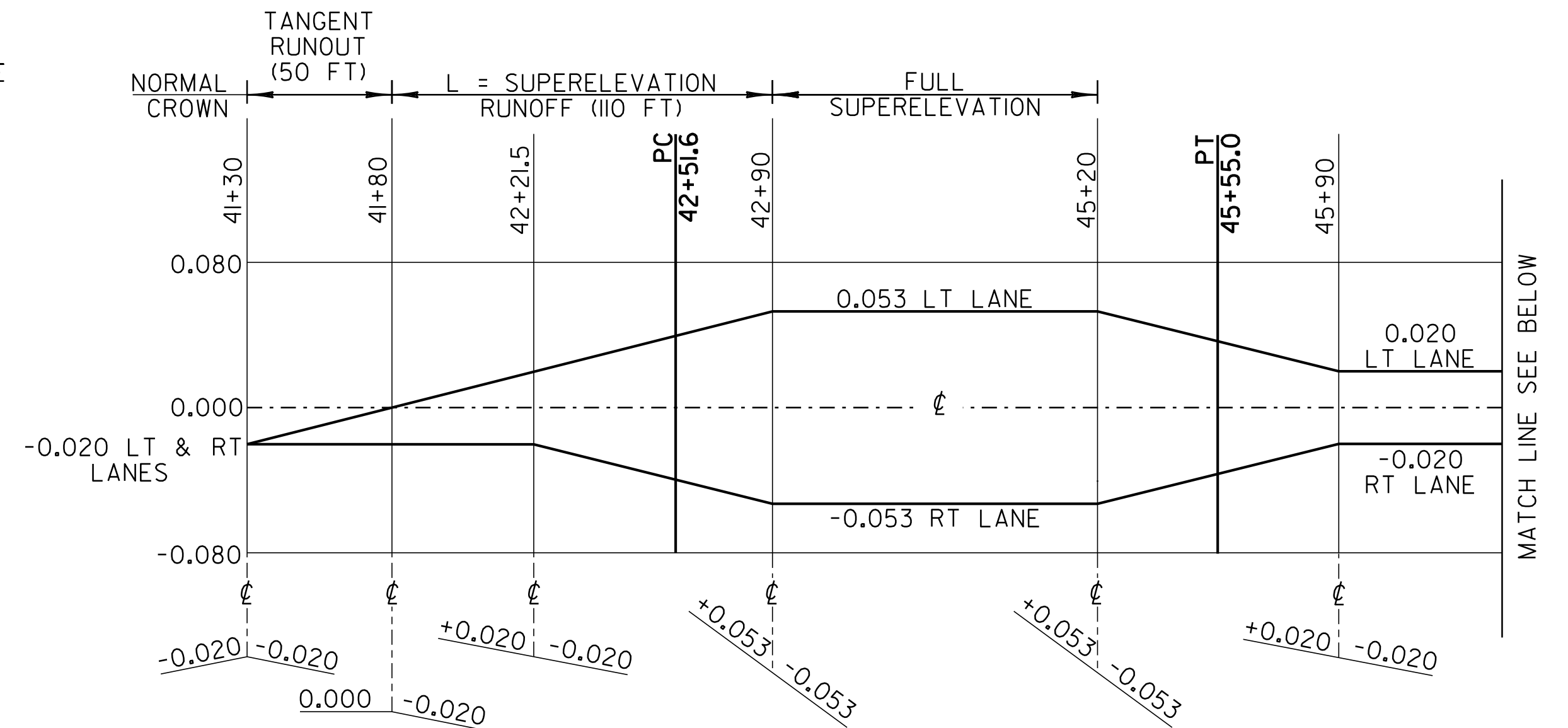
STATION	NORTHING	EASTING	REMARKS
PC 22+65.4	505702.848	705755.634	POSTED SPEED = 40
PT 27+31.2	505747.950	706219.074	

DELTA= 5°20'16" LT  
 D = 1°08'45"  
 R = 5000.00'  
 T = 233.07'  
 L = 465.80'  
 E = 5.43'  
 BANK = NC

**CURVE 5 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 32+48.5	505821.973	706731.032	POSTED SPEED = 40
PT 34+17.2	505848.930	706897.578	

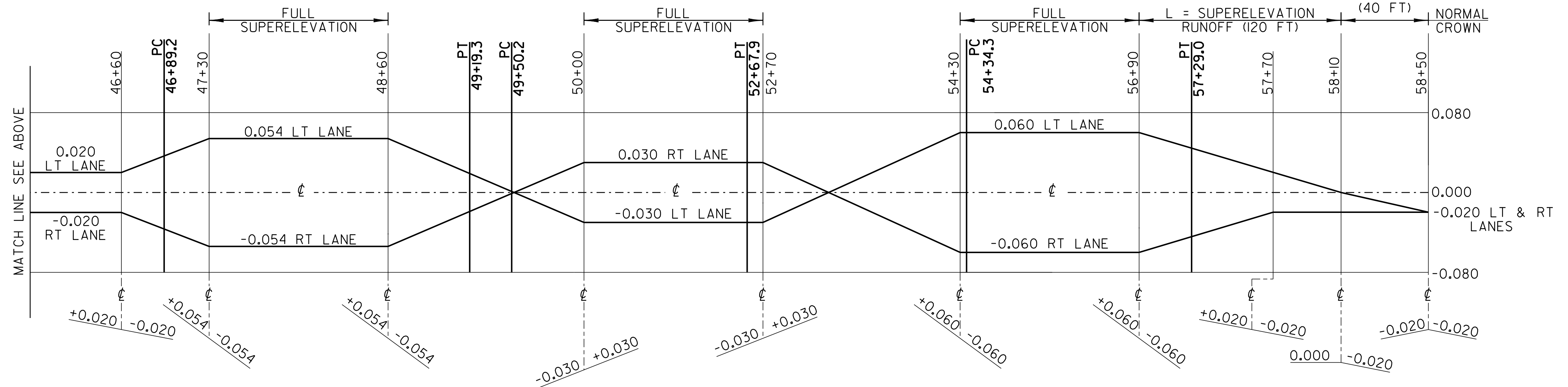
DELTA= 1°56'00" LT  
 D = 1°08'45"  
 R = 5000.00'  
 T = 84.37'  
 L = 168.72'  
 E = 0.71'  
 BANK = NC



**CURVE 6 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 42+51.6	505996.121	707718.866	POSTED SPEED = 40
PT 45+55.0	506011.523	708021.066	

DELTA= 14°29'10" RT  
 D = 4°46'29"  
 R = 1200.00'  
 T = 152.51'  
 L = 303.40'  
 E = 9.65'



**CURVE 7 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 46+89.2	506001.397	708154.951	POSTED SPEED = 40
PT 49+19.3	505961.298	708381.071	

DELTA= 11°27'38" RT  
 D = 4°58'56"  
 R = 1150.00'  
 T = 115.40'  
 L = 230.03'  
 E = 5.78'

**CURVE 8 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 49+50.2	505952.891	708410.810	POSTED SPEED = 40
PT 52+67.9	505899.359	708723.389	

DELTA= 12°08'10" LT  
 D = 3°49'11"  
 R = 1500.00'  
 T = 159.46'  
 L = 317.72'  
 E = 8.45'

**CURVE 9 – THETFORD**

STATION	NORTHING	EASTING	REMARKS
PC 54+34.3	505888.766	708889.451	POSTED SPEED = 40
PT 57+29.0	505792.631	709164.193	

DELTA= 31°16'15" RT  
 D = 10°36'37"  
 R = 540.00'  
 T = 151.13'  
 L = 294.72'  
 E = 20.75'

**BANKING DIAGRAM 1**

PROJECT NAME: THETFORD-FAIRLEE

PROJECT NUMBER: STP 2710(I)

FILE NAME: /pave/07c184/pcl84

PROJECT LEADER: PTS

DESIGNED BY: DAM

IPARM FILE NAME: 07C184\_53

PLOT DATE: 14-OCT-2013 16:35

DRAWN BY: SNG

CHECKED BY: PTS

SHEET 52 OF 77

NOT TO SCALE