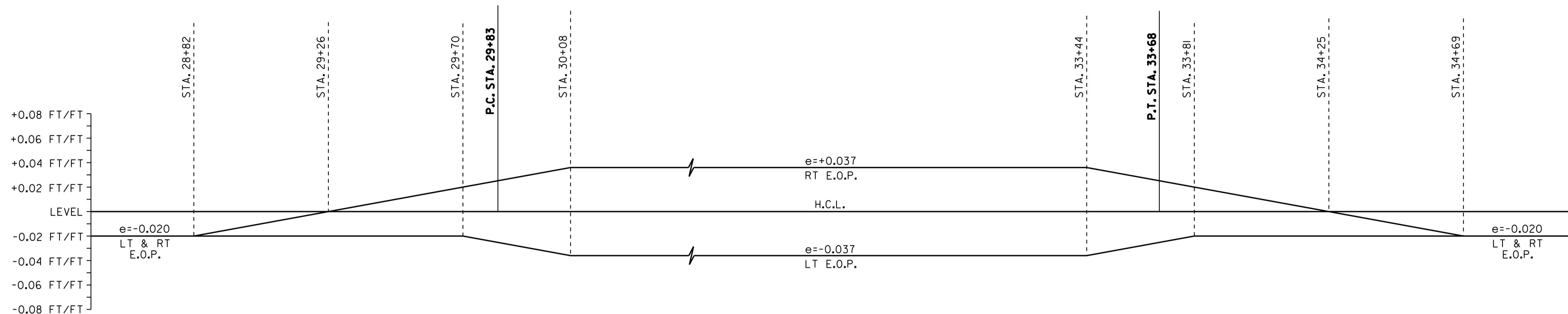


CURVE 1 BANKING DIAGRAM
CURVE 1 RADIUS = 2000' RIGHT

CURVE DATA	
PC	= 24+27
PT	= 25+08
R	= 2000'
Δ	= 2° 19' 39.02", RT
D	= 2° 51' 53.24"
e	= 0.4
L	= 81.25'



CURVE 2 BANKING DIAGRAM
CURVE 2 RADIUS = 3000' LEFT

CURVE DATA	
PC	= 29+83
PT	= 33+68
R	= 3000'
Δ	= 7° 21' 17.83", LT
D	= 1° 54' 35.49"
e	= 6.19
L	= 385.10'

SUPERELEVATION BANKING NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING THE HORIZONTAL AND VERTICAL GEOMETRY OF THE EXISTING ROADWAY.
2. THE MAXIMUM ROLL-OVER BETWEEN LANE AND SHOULDER CROSS SLOPES ON THE OUTSIDE (HIGH SIDE) OF A SUPERELEVATED CURVE SHALL BE SEVEN PERCENT. SHOULDER CROSS SLOPE ON THE INSIDE (LOW SIDE) OF A SUPERELEVATED CURVE SHALL BE A MINIMUM OF SIX PERCENT AND MATCH THE ADJACENT LANE CROSS SLOPE WHEN THE LANE CROSS SLOPE EXCEEDS SIX PERCENT.
3. SUPERELEVATION RATES AND RUNOFF LENGTHS WERE DETERMINED USING A DESIGN SPEED EQUAL TO THE POSTED SPEED AND A MAXIMUM SUPERELEVATION RATE OF 0.08. SEE VAOT STANDARD B-1 FOR MORE INFORMATION.



NOT TO SCALE
SUPERELEVATION BANKING DIAGRAMS SHEET #1

PROJECT NAME:	TROY	FILE NAME:	p07b198.dgn	PLOT DATE:	25-OCT-2011 4:02
PROJECT NUMBER:	STP 2717(I)	PROJECT LEADER:	JLL	DRAWN BY:	STANTEC
		DESIGNED BY:	STANTEC	CHECKED BY:	JLL
		IPARM FILE:	p07b198sbd1.i	SHEET	71 OF 116