



CURVE 12 BANKING DIAGRAM
 CURVE II RADIUS = 2500' LEFT

CURVE DATA	
PC	= 114+10
PT	= 120+12
R	= 2500'
Δ	= 13° 48' 13.49", LT
D	= 2° 17' 30.59"
e	= 18.25
L	= 602.30'

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 #5

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