



**VT ROUTE 117  
CURVE DATA**  
 $\Delta = 35^\circ 28' 09.30''$  LT  
 $D = 71^\circ 37' 11.01''$   
 $R = 80.00$   
 $T = 25.58$   
 $L = 49.52$   
 $E = 3.99$   
 BANK = NA

**RAMP "C"  
CURVE DATA**  
 $\Delta = 42^\circ 56' 52.47''$  RT  
 $D = 30^\circ 09' 20.42''$   
 $R = 190.00$   
 $T = 74.74$   
 $L = 142.42$   
 $E = 14.17$   
 BANK = NA

**US ROUTE 2  
CURVE DATA**  
 $\Delta = 35^\circ 24' 35.57''$  RT  
 $D = 8^\circ 25' 33.06''$   
 $R = 680.00$   
 $T = 217.08$   
 $L = 420.25$   
 $E = 33.81$   
 BANK = NA

**US ROUTE 2  
CURVE DATA**  
 $\Delta = 26^\circ 18' 55.99''$  RT  
 $D = 9^\circ 32' 57.47''$   
 $R = 600.00$   
 $T = 140.26$   
 $L = 275.58$   
 $E = 16.18$   
 BANK = NA

**CURVE TABLE**

LABEL	RADIUS (ft)	LENGTH (ft)
C1	300.00	38.44
C2	50.00	29.98
C3	60.00	77.16
C4	450.00	118.12
C5	500.00	147.85



PROJECT NAME: RICHMOND	FILE NAME: z97cl86curbbdr.dgn	PLOT DATE: 4/29/2013
PROJECT NUMBER: STP 0284 (17)	PROJECT LEADER: ERIK ATKINS	DRAWN BY: N. BOSAN
	DESIGNED BY: T. BIGELOW	CHECKED BY: E. ATKINS
	CURB TIE AND LAYOUT SHEET 1	SHEET 45 OF 133