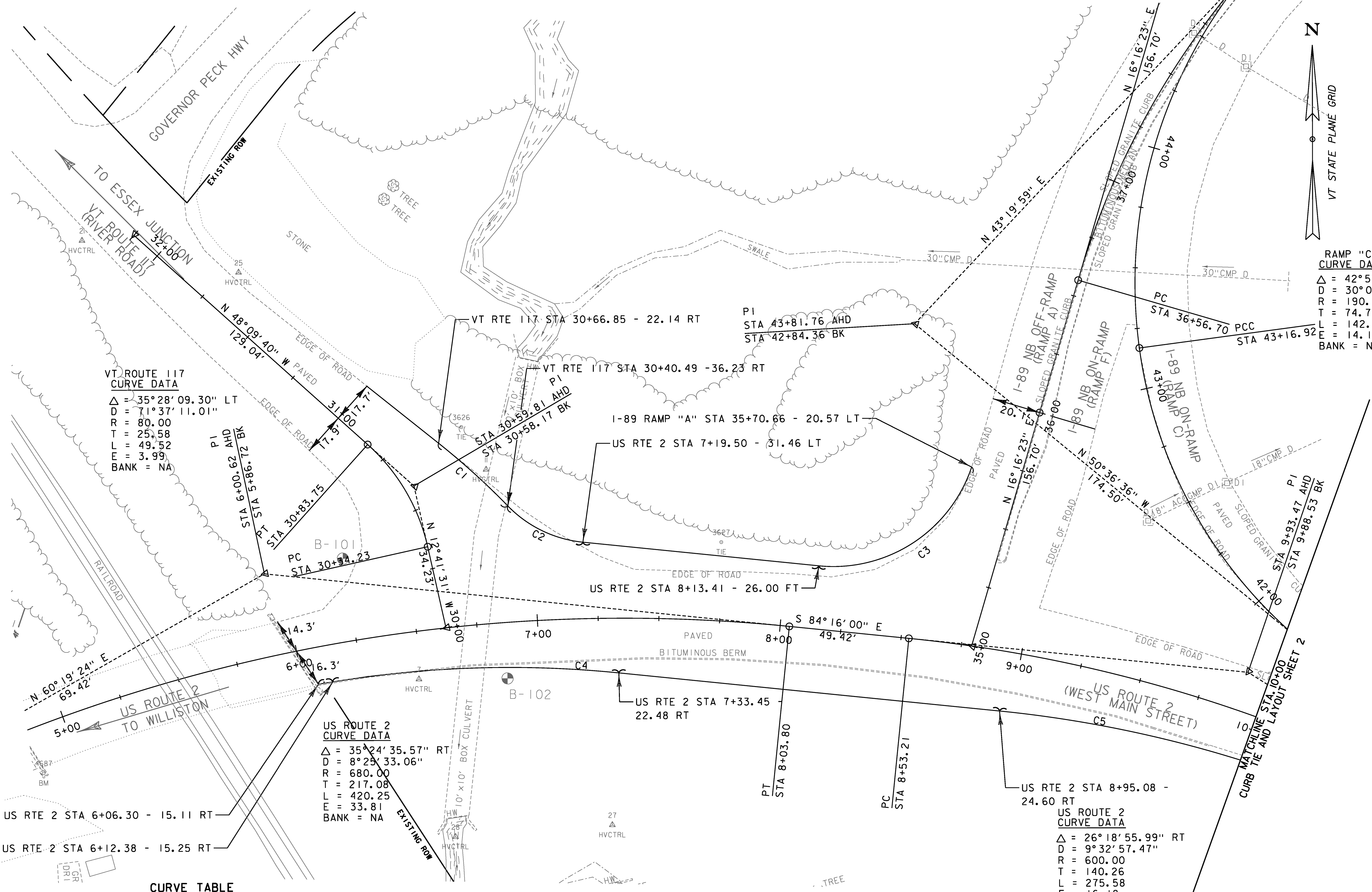


RAMP "C" CURVE DATA
 $\Delta = 42^\circ 56' 52.47''$ RT
 $D = 30^\circ 09' 20.42''$
 $R = 190.00$
 $T = 74.74$
 $L = 142.42$
 $E = 14.17$
 $BANK = NA$

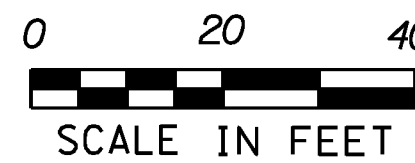
VT ROUTE 117 CURVE DATA
 $\Delta = 35^\circ 28' 09.30''$ LT
 $D = 71^\circ 37' 11.01''$
 $R = 80.00$
 $T = 25.58$
 $L = 49.52$
 $E = 3.99$
 $BANK = NA$

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