

VT STATE PLANE GRID
 US RTE 5 CURVE #1 DATA
 $\Delta = 39^\circ 53' 25.16" \text{ LT}$
 $D = 165.00$
 $R = 59.88$
 $T = 14.88$
 $L = 10.53$
 BANK = N/A

POT US ROUTE 5 STA. 7+65
 BEGIN PROJECT STP 2000 (24)
 US ROUTE 5 STA. 8+57.96 =
 VT ROUTE 119 STA. 40+00.00

POC VT ROUTE 119 STA. 42+50.00
 END COLD PLANE AND OVERLAY
 END PROJECT STP 2000 (24)

VT RTE 119 CURVE #1 DATA
 $\Delta = 19^\circ 00' 42.80" \text{ LT}$
 $D = 10^\circ 48' 37.89" \text{ LT}$
 $R = 530.00$
 $T = 88.75$
 $L = 175.86$
 $E = 7.38$
 BANK = N/A

VT RTE 119 CURVE #2 DATA
 $\Delta = 15^\circ 19' 50.19" \text{ RT}$
 $D = 11^\circ 27' 32.96" \text{ RT}$
 $R = 500.00$
 $T = 67.29$
 $L = 133.78$
 $E = 4.51$

VT RTE 142 CURVE #2 DATA
 $\Delta = 24^\circ 02' 20.76" \text{ LT}$
 $D = 104^\circ 10' 26.92" \text{ LT}$
 $R = 55.00$
 $T = 11.71$
 $L = 23.08$
 $E = 1.23$
 BANK = N/A

VT RTE 142 CURVE #1 DATA
 $\Delta = 6^\circ 53' 09.15" \text{ LT}$
 $D = 150.00$
 $R = 9.02$
 $T = 18.03$
 $L = 0.27$
 BANK = N/A

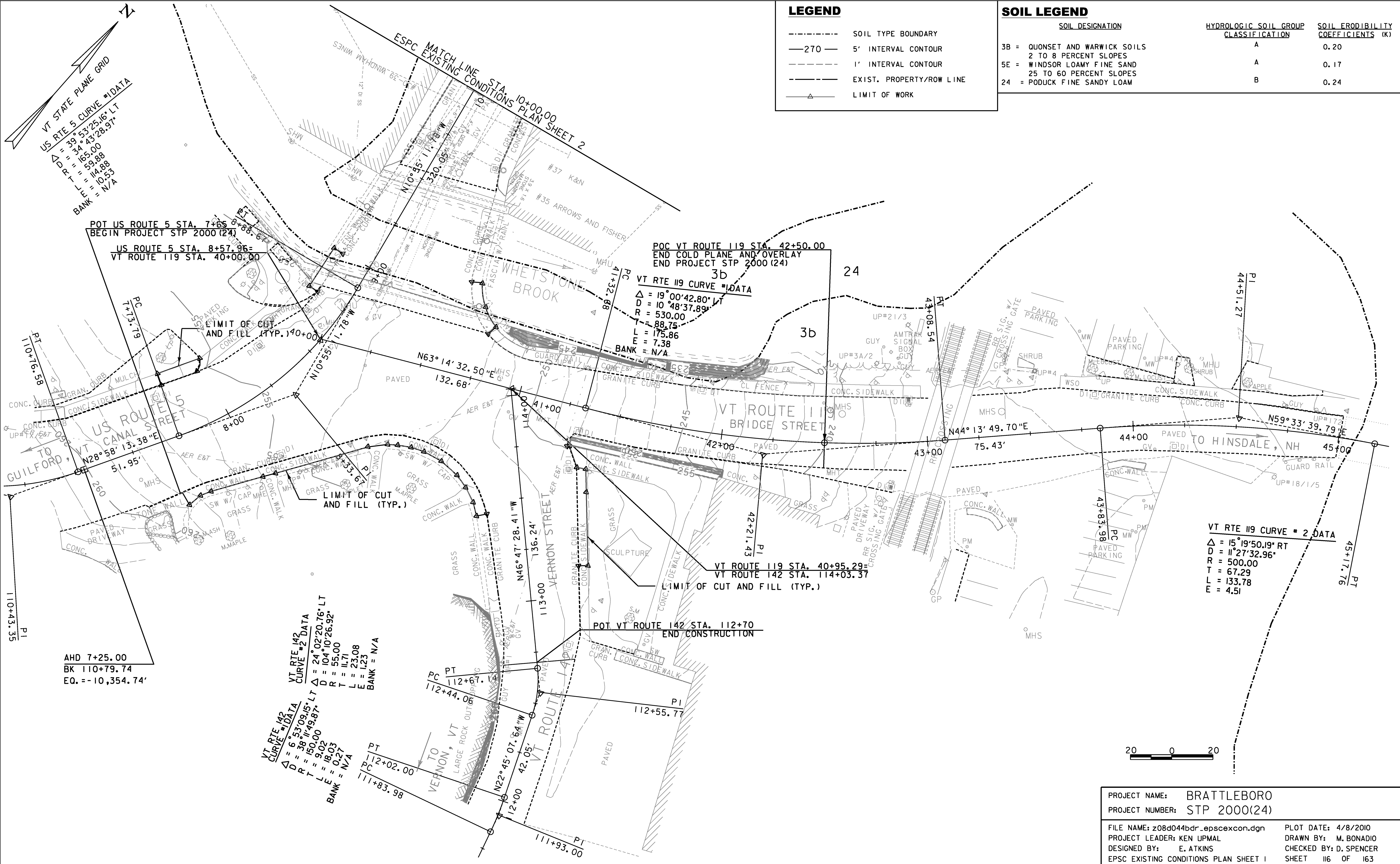
AHD 7+25.00
 BK 110+79.74
 EQ. = -10,354.74'

LEGEND

- SOIL TYPE BOUNDARY
- 270- 5' INTERVAL CONTOUR
- 1' INTERVAL CONTOUR
- EXIST. PROPERTY/ROW LINE
- ▲ LIMIT OF WORK

SOIL LEGEND

SOIL DESIGNATION	HYDROLOGIC SOIL GROUP CLASSIFICATION	SOIL ERODIBILITY COEFFICIENTS (K)
3B = QUONSET AND WARWICK SOILS 2 TO 8 PERCENT SLOPES	A	0.20
5E = WINDSOR LOAMY FINE SAND 25 TO 60 PERCENT SLOPES	A	0.17
24 = PODUCK FINE SANDY LOAM	B	0.24



PROJECT NAME: BRATTLEBORO
 PROJECT NUMBER: STP 2000(24)
 FILE NAME: z08d044bdr_epscexcon.dgn PLOT DATE: 4/8/2010
 PROJECT LEADER: KEN UPMAL DRAWN BY: M. BONADIO
 DESIGNED BY: E. ATKINS CHECKED BY: D. SPENCER
 EPSC EXISTING CONDITIONS PLAN SHEET 1 SHEET 116 OF 163