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

N

VT STATE PLANE GRID

US RTE 5 CURVE #1 DATA
Δ = 39°53'25.16" LT
D = 34°43'28.97"
R = 165.00
T = 59.88
L = 114.88
E = 10.53
BANK = N/A

ESPC MATCH LINE STA. 10+00.00
EXISTING CONDITIONS PLAN SHEET 2

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
Δ = 19°00'42.80" LT
D = 10°48'37.89"
R = 530.00
T = 88.75
L = 175.86
E = 7.38
BANK = N/A

VT RTE 119 CURVE # 2 DATA
Δ = 15°19'50.19" RT
D = 11°27'32.96"
R = 500.00
T = 67.29
L = 133.78
E = 4.51

LIMIT OF CUT AND FILL (TYP.)

VT ROUTE 119 STA. 40+95.29=
VT ROUTE 142 STA. 114+03.37

POT VT ROUTE 142 STA. 112+70
END CONSTRUCTION

VT RTE 142 CURVE #2 DATA
Δ = 24°02'20.76" LT
D = 104°10'26.92"
R = 55.00
T = 11.71
L = 23.08
E = 1.23
BANK = N/A

VT RTE 142 CURVE #1 DATA
Δ = 6°53'09.15" LT
D = 38°11'49.87"
R = 150.00
T = 9.02
L = 18.03
E = 0.27
BANK = N/A

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

TO GUILFORD, VT

TO HINSDALE, NH

TO VERNON, VT

US ROUTE 5
CANAL STREET

VT ROUTE 119
BRIDGE STREET

VT ROUTE 142
VERNON STREET

WHETSTONE BROOK

20 0 20

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