



CURVE DATA
 $\Delta = 21^{\circ}25'48.8''$ Lt.
 R = 225.00 m
 T = 42.58 m
 L = 84.16 m
 E = 3.99 m
 MAX. BANK = 0.060
 PC 0+135.271

WARD HILL ROAD CURVE DATA
 $\Delta = 15^{\circ}45'23.5''$ Rt.
 R = 25.00 m
 T = 3.459 m
 L = 6.378 m
 E = 0.238 m
 BANK = 0.0XX M / M

Mainline 0+175.50 =
 Detour 2+175.50
 Begin Detour Construction
 0+170.000
 Begin Approach

0+220.000
 Begin Project
 Detour
 PI 2+195.349 =
 2+194.933
 R=7m

End Bridge
 STA 0+260.450
 FG = 218.476

0+280.000
 End Project

0+330.000
 End Approach
 Mainline 0+326.67 =
 Detour 2+334.07
 End Detour Construction

DETOUR CURVE DATA
 Delta: 24°51'16" Right
 Radius: 60.000
 Tangents: 13.225
 Length: 26.025
 External: 4.53

Mainline POT 0+220.000 =
 Ward Hill Road POT 5+000.00
 Delta = 87°48'17.2" Lt.

Detour
 PI 2+225.931 =
 2+224.942

DETOUR CURVE DATA
 Delta: 33°00'25.2" Left
 Radius: 60.000
 Tangents: 17.777
 Length: 34.565
 External: 2.578

Mainline POT 0+245.000
 Chap. POT 10+000.00
 Delta = 80 Deg. Lt.

Detour
 PI 2+281.723 =
 2+280.891

DETOUR CURVE DATA
 Delta: 31°12'41.76" Right
 Radius: 60.000
 Tangents: 16.755
 Length: 32.685
 External: 2.304

DETOUR CURVE DATA
 Delta: 32°15'45.7" Left
 Radius: 60.000
 Tangents: 17.354
 Length: 33.785
 External: 2.459

LINES SHOWN ON THIS PLAN AS EXISTING
 PROPERTY LINES (P/L) ARE BELIEVED TO
 BE ACCURATE BUT SHOULD NOT BE RELIED
 UPON FOR PURPOSES UNRELATED TO THE
 STATE OF VERMONT'S ACQUISITION OF LAND
 AND RIGHTS FOR THIS PROJECT.



DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83 (992)

NOTE:
 SEE R. O. W. SHEET
 9 OF 13 FOR EROSION
 CONTROL DETAIL

DETOUR PLAN (40 KPH)

PROJECT: DUXBURY	PROJECT NO.: STP 013-4(24)
DESIGN FILE NAME: /str/5/86e059/se059bdr.dgn	PLOT DATE: 16-JUL-2003
IPARM FILE NAME: se059det.1	SURVEY DATE: 5/9/97
SURVEYED BY: L. ORVIS	DRAWN BY: G. Shangraw
SQUAD LEADER: C. KELLER	
R. O. W. SHEET 4 OF 13 SHEETS	