

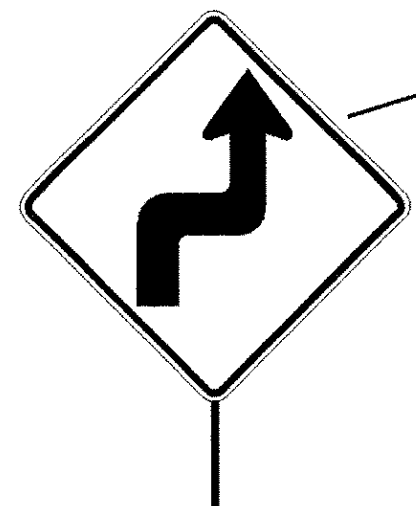
TYPICAL DETOUR SECTION
NOT TO SCALE

Detour Curve #2
 PC = 8+47.164
 PI = 8+92.684
 PT = 9+33.483
 Radius: 110.000
 Delta: 44°57'39.04"
 Length: 86.319
 Degree of Curvature (Arc): 52°05'13.46"
 Tangent: 45.519
 Chord: 84.121
 Middle Ordinate: 8.359
 External: 9.046

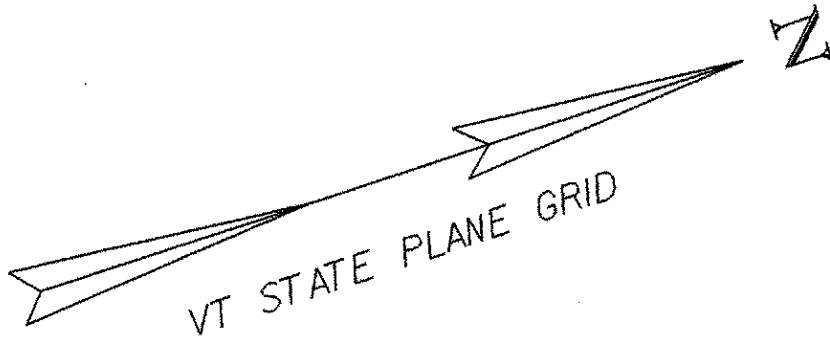
TEMPORARY PAVEMENT MARKINGS	
WHITE LINE	STA. 7+25 - 14+50 RT<
YELLOW LINE	STA.
CENTER LINE	STA. 7+25 - 14+20 RT<
CROSS WALK	STA. 7+12 STA. 8+25 RT
	STA. 14+25
STOP AND BAR	STA. 14+20 RT

Detour PI
Sta 5+00.00 =
M Sta 100+00.00

Detour PI
Sta 7+50.30 =
M Sta 102+50.30



N36°40'08.71"E
6+00



BEGIN BRIDGE
BACK OF ABUT 1
Sta 104+31.13

END BRIDGE
BACK OF ABUT 2
Sta 108+28.96

SEE NOTE 4

SEE NOTE 3 THIS SHEET

APPROXIMATE TEMPORARY
CONSTRUCTION LIMITS

TEMPORARY SIDEWALK
(SEE GENERAL NOTES)

BEGIN TEMPORARY BRIDGE
Sta 9+25.00

END TEMPORARY BRIDGE
BEGIN EXISTING TRUSS
Sta 10+80.00

PI
Sta 8+92.68

N15°56'54.54"E

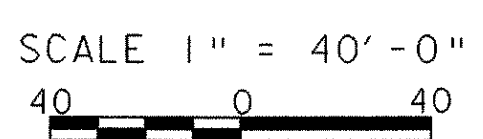
TEMPORARY DETOUR NOTES:

1. Temporary approach traffic signs shall be according to Vermont Standard E-107, and E-100A unless detailed otherwise on this sheet.
2. The temporary detour alignment in the vicinity of abutment 2 shall be modified to allow two way traffic flow without interfering with the abutment 2 cofferdam. The exact centerline location will be determined based on the cofferdam limits.
3. Temporary pedestrian traffic in the vicinity of abutment 2 shall travel from the downstream side of the detour alignment to the sidewalk on the upstream side of the new bridge location. This pedestrian traffic shall be adequately protected from the construction operation in this area.
4. Temporary pedestrian traffic in the vicinity of abutment 1 shall cross as shown on this layout sheet.
5. The bridge rail for temporary bridge shall transition smoothly into the existing rail on the truss and shall be connected positively to the truss railing.
6. Access to all drives shall be maintained at all times during construction.
7. For pay items and descriptions, see the General Notes.

Detour Curve #1

PC = 7+26.678
 PI = 7+50.300
 PT = 7+73.216
 Radius: 110.000
 Delta: 24°14'24.87"
 Length: 46.538
 Degree of Curvature (Arc): 52°05'13.46"
 Tangent: 23.622
 Chord: 46.192
 Middle Ordinate: 2.452
 External: 2.508

DETOUR PLAN



LEGEND

- REFLECTORIZED BARRELS
- SIGN POSTS
- PEDESTRIAN FENCE
- TYPE III BARRICADES
- TYPE III BARRICADES (MOD.)
- TEMP. TRAFFIC BARRIER
- TEMP. CROSSWALK

PROJECT: ROYALTON	PROJECT NO.: BRZ 1444(22)
DESIGN FILE NAME: 89j099/structures/sj099det.dgn	PLOT DATE: 25-SEP-2000
IPARM FILE NAME: sj099det.i	
TH 1 OVER THE WHITE RIVER	
TEMPORARY DETOUR LAYOUT	SHEET: 14 OF 118