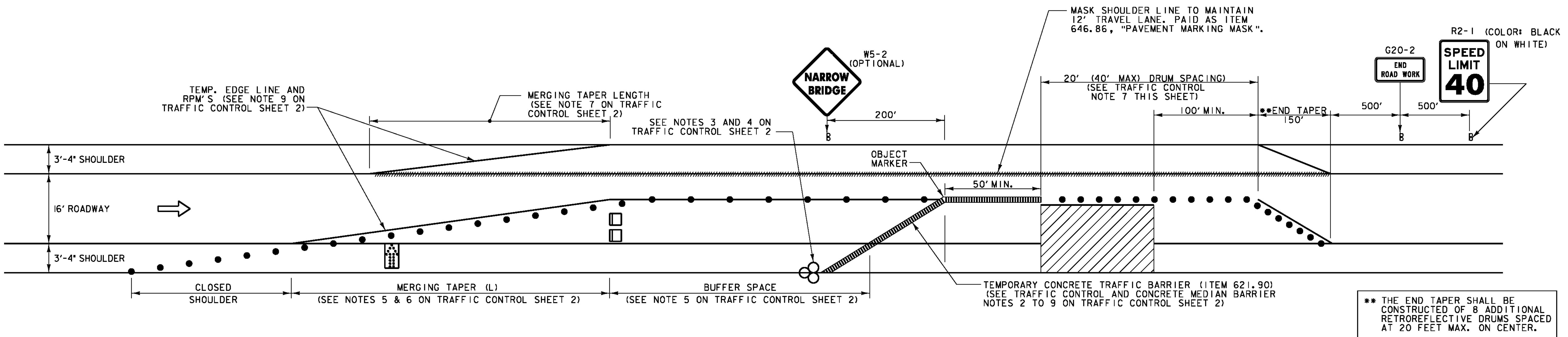
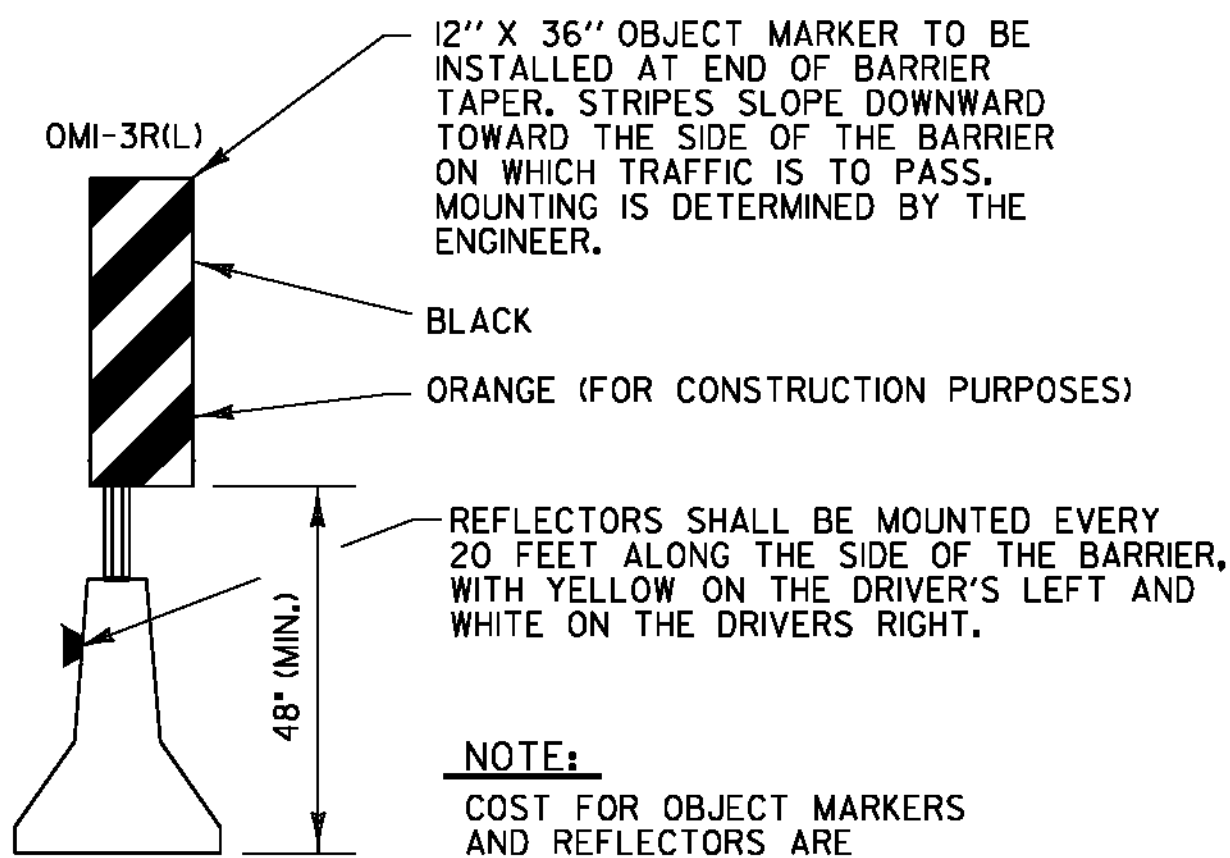




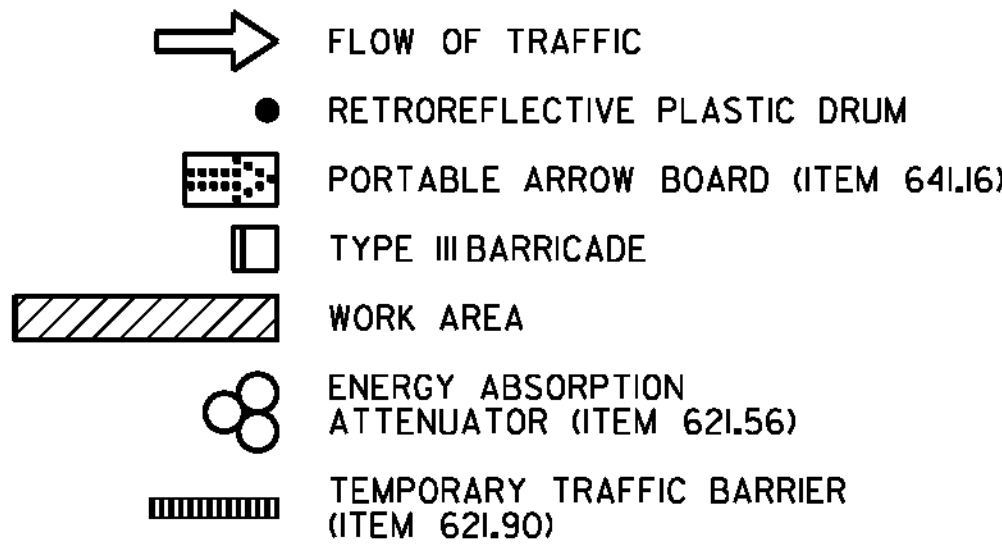
TRAFFIC CONTROL ON INTERSTATE 91 RAMP "B", BRIDGE NO. 81B, RIGHT LANE CLOSED WITH TEMPORARY BARRIER PROTECTION (SEE NOTE 2 ON TRAFFIC CONTROL SHEET 2)

(RIGHT LANE CLOSURE SHOWN, LEFT LANE CLOSURE MIRRORED)



NOTE:
COST FOR OBJECT MARKERS AND REFLECTORS ARE INCIDENTAL TO ITEM 621.90 TEMPORARY TRAFFIC BARRIER.

LEGEND



CHANNELIZING DEVICES

TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATION:
 $L = WS$ FOR POSTED SPEEDS OF 45 MPH OR GREATER
 $L = WS^2/60$ FOR POSTED SPEEDS OF 40 MPH OR LESS

L = MINIMUM LENGTH OF TAPER
W = WIDTH OF OFFSET IN FEET. (TYPICAL)
S = POSTED SPEED IN MPH

POSTED SPEED (MPH)	TAPER LENGTHS (FT)		TANGENT W=12 FT (L/2)	BARRIER FLARE RATE (MINIMUM)	MINIMUM BUFFER SPACE LENGTH (FT)	MAXIMUM CHANNELIZING DEVICE SPACING (FT)	
	SHOULDER W=10 FT (L/3)	MERGING 12 FT LANE (L)				TAPER (S)	TANGENT (2S)
≤40	90	320	160	1:9	305	40	80
45	150	540	270	1:9	360	45	90
50	170	600	300	1:11	425	50	100
55	185	660	330	1:13	495	55	110
60	200	720	360	1:13	570	60	120
65	215	780	390	1:13	645	65	130

• SEE NOTE 6 ON TRAFFIC CONTROL SHEET 2.

TRAFFIC CONTROL NOTES:

- THE EXISTING SPEED LIMIT IS 40 MPH. THE SPEED LIMIT WILL REMAIN 40 MPH IN THE WORK ZONE FOR THIS PROJECT.
- THE APPROACH SIGNING SHALL BE SIMILAR TO THAT SHOWN ON TRAFFIC CONTROL SHEETS 1 AND 2 EXCEPT THAT THE SPEED REDUCTION SIGNS SHALL NOT BE REQUIRED.
- SEE TRAFFIC CONTROL NOTES 3 THROUGH 10, 12 THROUGH 14, 16 THROUGH 18, AND 20 ON TRAFFIC CONTROL SHEET 1 FOR ADDITIONAL NOTES.
- THE CONTRACTOR SHALL ERECT SIGNS FOR NARROWING OF BRIDGE RAMP ON PROJECT BEFORE WORK COMMENCES.
- THE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) SHALL BE USED AT THE DISCRETION OF THE ENGINEER. THE PCMS SHALL BE USED IN ACCORDANCE WITH SECTION 6F.60 OF THE MUTCD. THE PCMS SHALL READ "CAUTION, BRIDGE WORK AHEAD".
- SEE THE TRAFFIC CONTROL AND CONCRETE MEDIAN BARRIER NOTES 2 THROUGH 7 AND NOTE 9 ON TRAFFIC CONTROL SHEET 2 FOR ADDITIONAL NOTES.
- DUE TO THE NARROW TRAVELWAY AND SHOULDERS ON BRIDGE NO. 81B, CHANNELIZING DEVICES SHALL BE USED IN LIEU OF CONCRETE BARRIER WITHIN THE WORK ZONE. CONCRETE BARRIER, AS SHOWN THIS SHEET, SHALL BE LOCATED IN AN AREA PRIOR TO THE WORKZONE THAT WILL PROVIDE THE SAFE PASSAGE OF OVERSIZED VEHICLES.

PROJECT NAME: WATERFORD - ST. JOHNSBURY
PROJECT NUMBER: IM MEMB(32)

FILE NAME: slla298ts.dgn
PROJECT LEADER: JPB
DESIGNED BY: SRB
TRAFFIC CONTROL SHEET 3

PLOT DATE: 3/15/2012
DRAWN BY: MWS
CHECKED BY: JF
SHEET 7 OF 43