

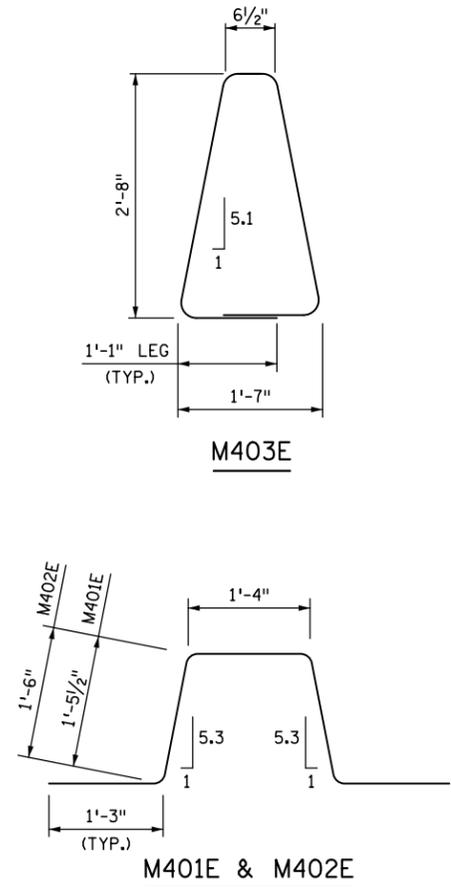
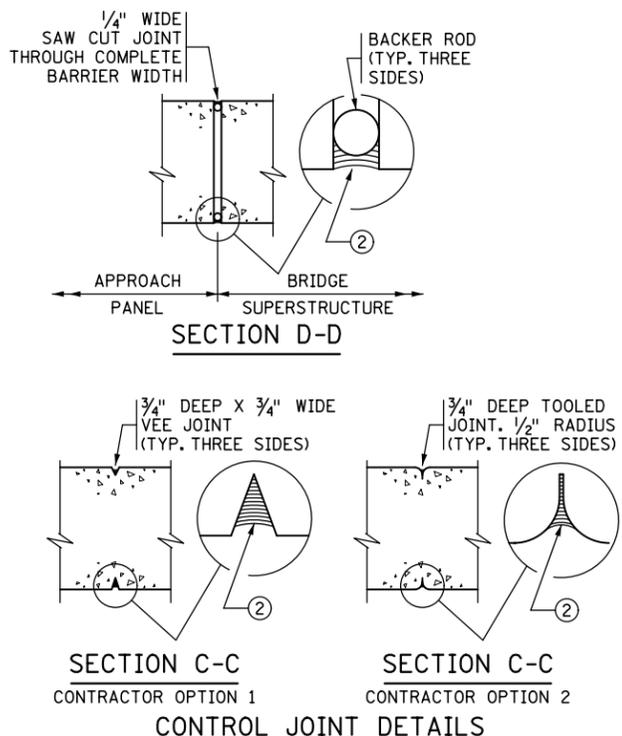
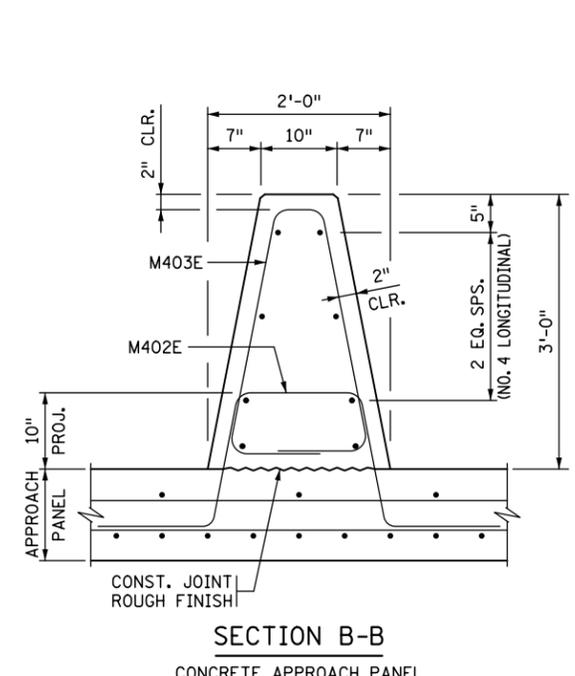
DESIGNER NOTE
 (REMOVE PRIOR TO PLOTTING FINAL PLAN);
 VERIFY LENGTH OF BARRIER ON APPROACH PANEL
 WITH ROADWAY DESIGNER. REFER TO MEMO TO DESIGNERS (2016-01)
 FOR ADDITIONAL REQUIREMENTS REGARDING BARRIER PLACEMENT.

JOINT AT ABUTMENT
 (INTEGRAL OR SEMI-INTEGRAL ABUTMENT)
CONTROL JOINT
INSIDE ELEVATION OF BARRIER

**BARRIER MEETS NCHRP 350 TL-4 REQUIREMENTS
 ON BRIDGE DECK AND TL-3 ON APPROACH PANEL.**

BILL OF REINFORCEMENT FOR BARRIER				
BAR	NO.	LENGTH	SHAPE	LOCATION
M401E		6'-9"		BARRIER DOWEL
M402E		6'-10"		BARRIER DOWEL
M403E		8'-1"		BARRIER VERTICAL
M4_E				BARRIER LONGITUDINAL
M4_E				BARRIER LONGITUDINAL
M4_E				BARRIER LONGITUDINAL
M4_E				BARRIER LONGITUDINAL
M4_E				BARRIER LONGITUDINAL

- GENERAL NOTES**
- MEASURE PAYMENT LENGTH BETWEEN THE OUTSIDE ENDS OF THE BARRIER FROM THE E8 JOINT.
 - CONCRETE BARRIER = 638 LBS./FT. (0.157 CU. YDS/FT.)
 - FINISH ALL EDGES OF BARRIER WITH 1/2" CHAMFER EXCEPT WHERE OTHERWISE NOTED.
 - SPACE CONTROL JOINTS AT 10 FT. MAXIMUM. REFER TO SUPERSTRUCTURE SHEET FOR SPECIFIC SPACING INFORMATION.
 - BARRIER QUANTITIES ARE LISTED IN SUMMARY OF QUANTITIES FOR SUPERSTRUCTURE.
 - ① PLACE BAR ON TOP OF BOTTOM REINFORCEMENT MAT IN DECK.
 - ② JOINT SEALANT PER MDOT APPROVED/QUALIFIED PRODUCTS LIST - CRACK AND JOINT MATERIALS - SILICONE JOINT SEALERS.



REVISION:
 APPROVED: AUGUST 24, 2016
Kevin Weston
 STATE BRIDGE ENGINEER

WHEN USING SLIP FORM METHOD TO PLACE THE CONCRETE,
 CUT JOINT 3 INCHES DEEP USING MARGIN TROWEL OR
 SIMILAR MEANS IMMEDIATELY AFTER CONCRETE PLACEMENT
 (TYP. THREE SIDES).

CERTIFIED BY _____ DATE _____
 LICENSED PROFESSIONAL ENGINEER
 NAME: _____ LIC. NO. _____

TITLE: **SOLID MEDIAN BARRIER 36"**
(TYPE S, TL-4)
 INTEGRAL OR SEMI-INTEGRAL ABUTMENT
 (WITHOUT CONCRETE WEARING COURSE)

DES: _____ DR: _____ APPROVED: _____
 CHK: _____ CHK: _____ BRIDGE NO. _____
 SHEET NO. _____ OF _____ SHEETS

FIG. 5-397.147(A)