

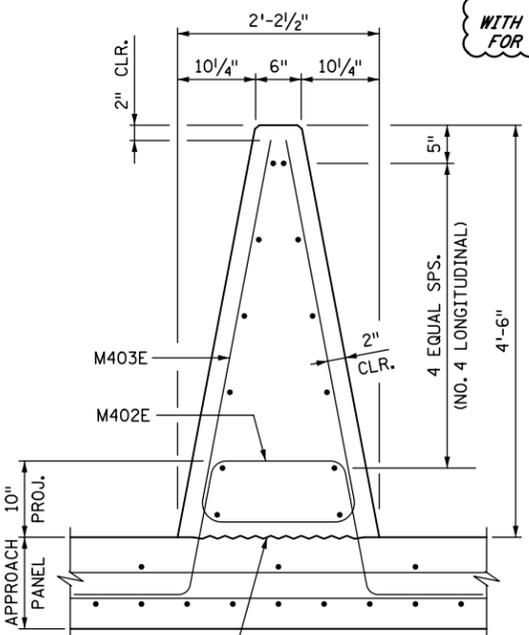
SECTION A-A

BILL OF REINFORCEMENT FOR BARRIER				
BAR	NO.	LENGTH	SHAPE	LOCATION
M401E		7'-0"		BARRIER DOWEL
M402E		7'-1"		BARRIER DOWEL
M403E		10'-3"		BARRIER VERTICAL
M404E		7'-10"		BARRIER VERTICAL
M4_E				BARRIER LONGITUDINAL
M4_E				BARRIER LONGITUDINAL
M4_E				BARRIER LONGITUDINAL
M4_E				BARRIER LONGITUDINAL

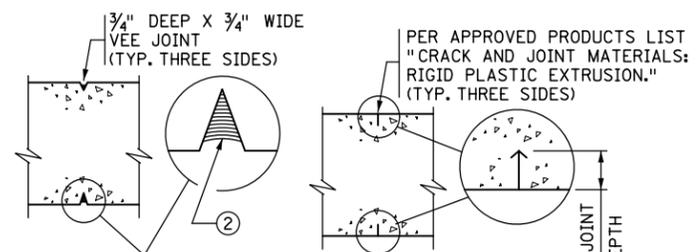
DESIGNER NOTE
 (REMOVE PRIOR TO PLOTTING FINAL PLAN;
 VERIFY LENGTH OF BARRIER ON APPROACH PANEL
 WITH ROADWAY DESIGNER. REFER TO MEMO TO DESIGNERS (2016-01)
 FOR ADDITIONAL REQUIREMENTS REGARDING BARRIER PLACEMENT.

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

INSIDE ELEVATION OF BARRIER

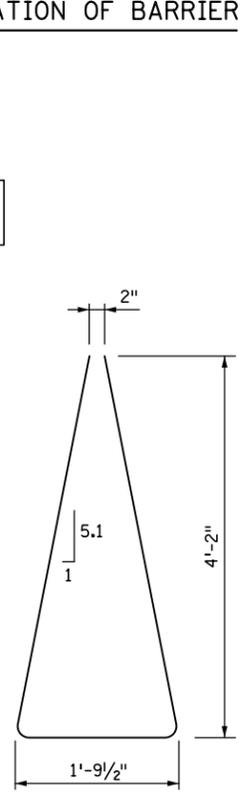


SECTION B-B
 CONCRETE APPROACH PANEL

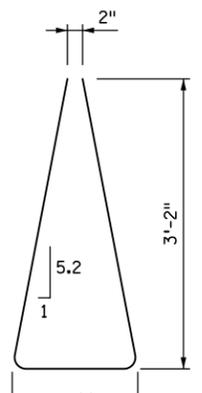


SECTION C-C
 CAST-IN-PLACE CONSTRUCTION
 SECTION C-C
 SLIPPFORM CONSTRUCTION
 CONTROL JOINT DETAILS

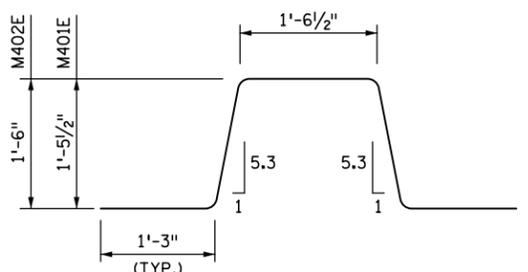
FOR SLIPPFORM CONSTRUCTION: IMMEDIATELY AFTER CONCRETE IS PLACED AND WHILE IT IS STILL WET, CREATE A ONE INCH STRAIGHT GROOVE USING A TROWEL. INSERT RIGID PLASTIC EXTRUSION INTO GROOVE TO A DEPTH 1/8" BELOW THE SURFACE; FINISH OVER GROOVE COMPLETELY HIDING THE EXTRUSION.



M403E



M404E



M401E & M402E

INCREASE M401E VERTICAL LEGS IF DECK SLAB THICKNESS IS GREATER THAN 9"

GENERAL NOTES

- MEASURE PAYMENT LENGTH BETWEEN THE OUTSIDE ENDS OF THE BARRIER FROM THE E8 JOINT.
- CONCRETE BARRIER = 914 LBS./FT. (0.226 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.
- ③ REFER TO "WATERPROOF EXPANSION DEVICE" STANDARD PLANS FOR COVER PLATE DETAILS.

REVISION: MAY 10, 2017
 APPROVED: AUGUST 24, 2016
 Kevin Weston
 STATE BRIDGE ENGINEER

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

TITLE: SOLID MEDIAN BARRIER 54"
 (TYPE S, TL-4)
 PARAPET ABUTMENT
 (WITHOUT CONCRETE WEARING COURSE)

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

FIG. 5-397.149(C)