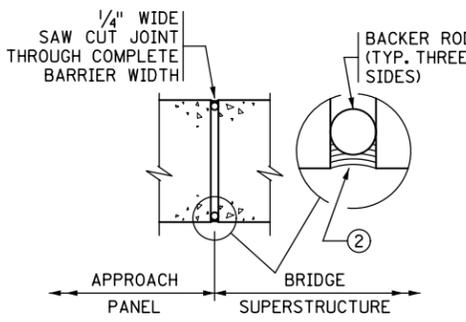
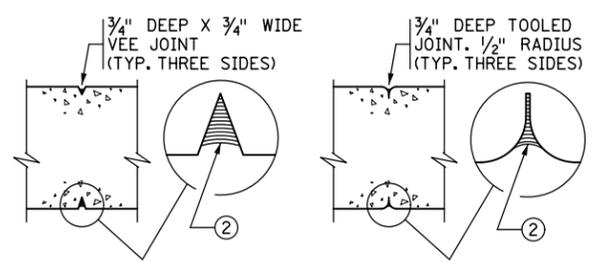


**DESIGNER NOTE**  
 (REMOVE PRIOR TO PLOTTING FINAL PLAN):  
 VERIFY LENGTH OF BARRIER ON APPROACH PANEL  
 WITH ROADWAY DESIGNER. REFER TO MEMO TO DESIGNERS (2016-01)  
 FOR ADDITIONAL REQUIREMENTS REGARDING BARRIER PLACEMENT.

**DESIGNER NOTE**  
 (REMOVE PRIOR TO PLOTTING FINAL PLAN):  
 AVOID LAYOUTS WITH HORIZONTAL GAP BETWEEN SPLIT  
 MEDIAN BARRIERS OF 2" TO 6", AS BARRIERS CANNOT BE  
 SLIPFORMED. IF GAP EXCEEDS 6" CONSIDER USING STANDARD  
 FIGURE 5-397-140 OR .141 IN LIEU OF THIS STANDARD.

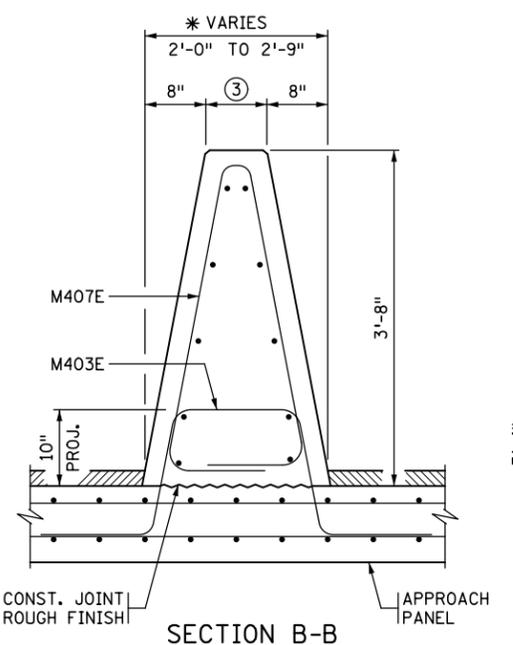


BARRIER ON EACH SIDE MEETS  
 NCHRP 350 TL-4 REQUIREMENTS ON  
 BRIDGE DECK AND TL-3 ON APPROACH PANEL.



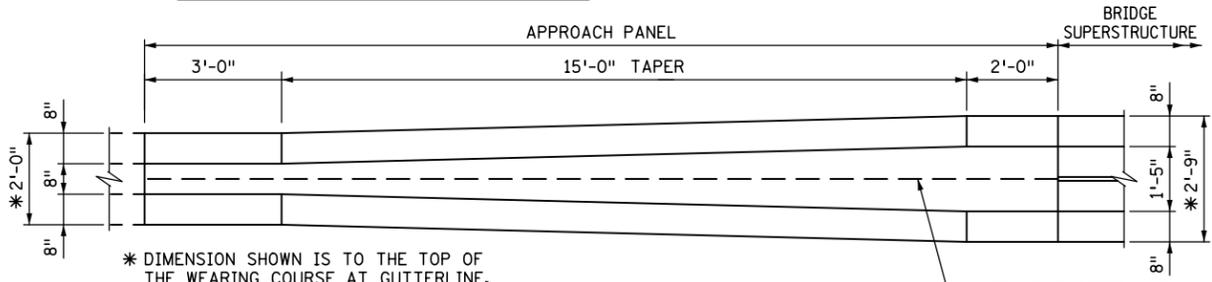
**SECTION C-C**  
 CONTRACTOR OPTION 1  
**CONTROL JOINT DETAILS**  
 WHEN USING SLIP FORM METHOD TO PLACE THE CONCRETE,  
 CUT JOINT 3 INCHES DEEP USING MARGIN TROWEL OR  
 SIMILAR MEANS IMMEDIATELY AFTER CONCRETE PLACEMENT  
 (TYP. THREE SIDES).

**SECTION C-C**  
 CONTRACTOR OPTION 2

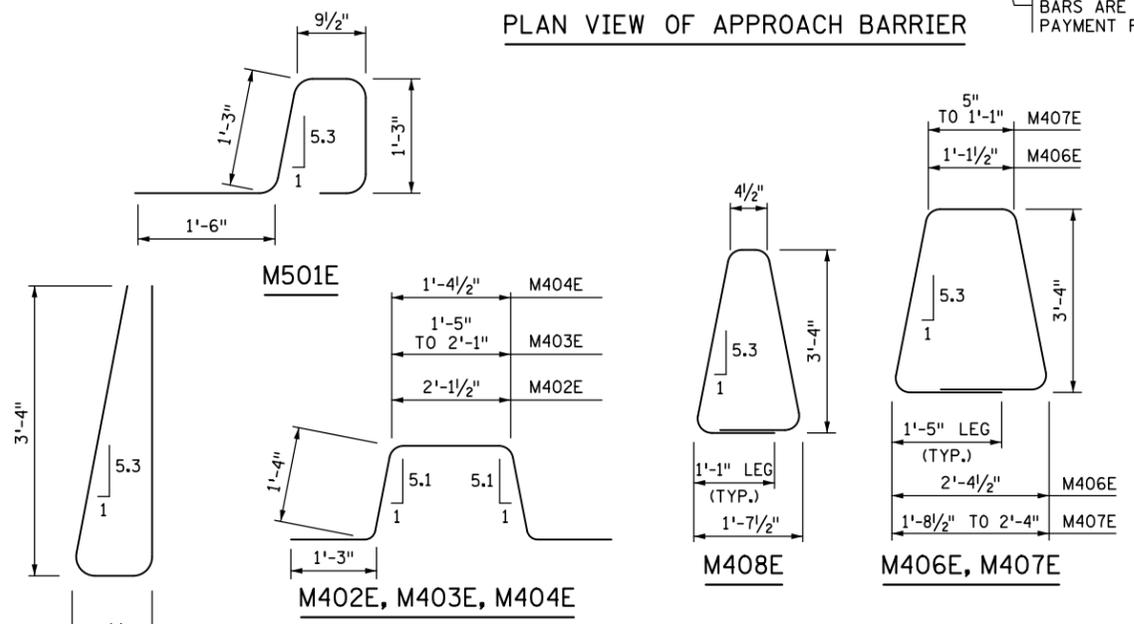


**SECTION B-B**  
 CONCRETE APPROACH ROADWAY.  
 \* DIMENSION SHOWN IS TO THE TOP OF  
 THE WEARING COURSE AT GUTTERLINE.

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



**PLAN VIEW OF APPROACH BARRIER**



**BILL OF REINFORCEMENT FOR BARRIER**

BAR	NO.	LENGTH	SHAPE	LOCATION
M501E		5'-4"	[Symbol]	BARRIER DOWEL
M402E		7'-4"	[Symbol]	BARRIER DOWEL
M403E	SER. OF 14	6'-7" TO 7'-3"	[Symbol]	BARRIER DOWEL
M404E		6'-7"	[Symbol]	BARRIER DOWEL
M505E		7'-6"	[Symbol]	BARRIER VERTICAL
M406E		10'-8"	[Symbol]	BARRIER VERTICAL
M407E	SER. OF 14	9'-7" TO 10'-7"	[Symbol]	BARRIER VERTICAL
M408E		8'-11"	[Symbol]	BARRIER VERTICAL
M4_E			[Symbol]	BARRIER LONGIT.
M4_E			[Symbol]	BARRIER LONGIT.
M4_E			[Symbol]	BARRIER LONGIT.
M4_E			[Symbol]	BARRIER LONGIT.

**GENERAL NOTES**

MEASURE PAYMENT LENGTH BETWEEN THE OUTSIDE ENDS OF THE BARRIER FROM THE E8 JOINT. MEASURED LENGTH IS FOR ONE SIDE OF THE SPLIT MEDIAN BARRIER.

CONCRETE BARRIER = 559 LBS./FT. (0.138 CU. YDS./FT.) PER SIDE.

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 VARIES FROM 8" TO 1'-5".

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

CERTIFIED BY \_\_\_\_\_  
 LICENSED PROFESSIONAL ENGINEER DATE \_\_\_\_\_  
 NAME: \_\_\_\_\_ LIC. NO. \_\_\_\_\_

TITLE: **SPLIT MEDIAN BARRIER 42" (TYPE S, TL-4)**  
 INTEGRAL OR SEMI-INTEGRAL ABUTMENT (WITH 2" CONCRETE WEARING COURSE)

DES: \_\_\_\_\_ DR: \_\_\_\_\_ APPROVED: \_\_\_\_\_  
 CHK: \_\_\_\_\_ CHK: \_\_\_\_\_  
 SHEET NO. OF SHEETS BRIDGE NO. \_\_\_\_\_

FIG. 5-397.145(B)