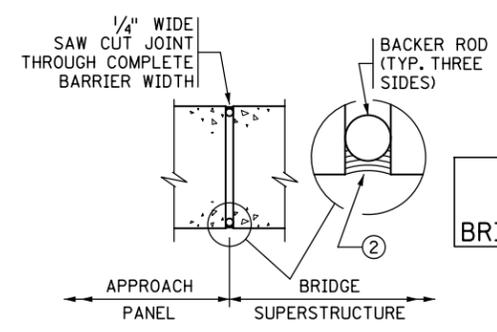


SECTION A-A

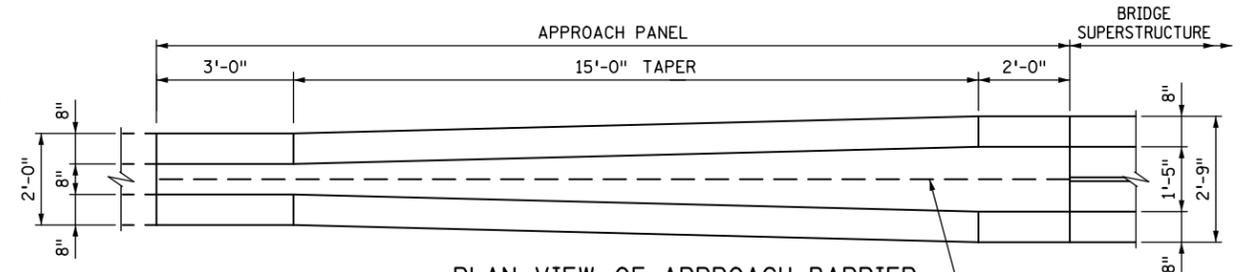
DESIGNER NOTE
 (REMOVE PRIOR TO PLOTTING FINAL PLAN)
 VERIFY LENGTH OF BARRIER ON APPROACH PANEL
 WITH ROADWAY DESIGNER. REFER TO MEMO TO DESIGNERS (2016-01)
 FOR ADDITIONAL REQUIREMENTS REGARDING BARRIER PLACEMENT.

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

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.

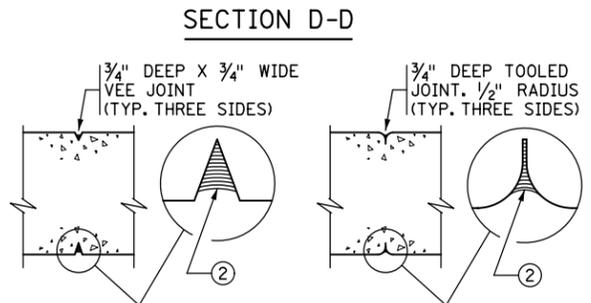


BARRIER ON EACH SIDE MEETS
 NCHRP 350 TL-4 REQUIREMENTS ON
 BRIDGE DECK AND TL-3 ON APPROACH PANEL.



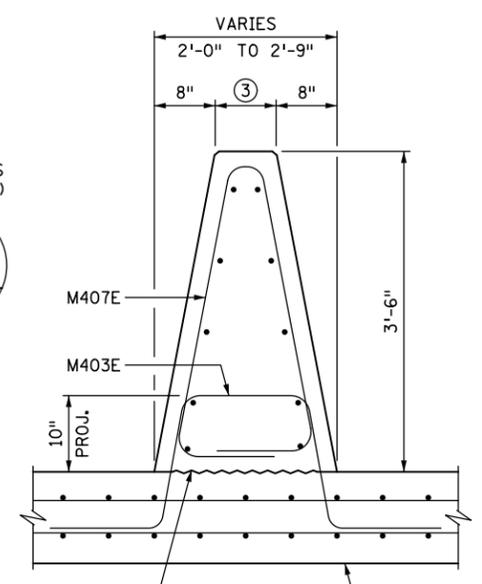
PLAN VIEW OF APPROACH BARRIER

| BILL OF REINFORCEMENT FOR BARRIER | | | | |
|-----------------------------------|------------|-----------------|-------|------------------|
| BAR | NO. | LENGTH | SHAPE | LOCATION |
| M501E | | 5'-7" | | BARRIER DOWEL |
| M402E | | 7'-7" | | BARRIER DOWEL |
| M403E | SER. OF 14 | 6'-11" TO 7'-7" | | BARRIER DOWEL |
| M404E | | 6'-11" | | BARRIER DOWEL |
| M505E | | 7'-2" | | BARRIER VERTICAL |
| M406E | | 10'-4" | | BARRIER VERTICAL |
| M407E | SER. OF 14 | 9'-7" TO 10'-4" | | BARRIER VERTICAL |
| M408E | | 8'-11" | | BARRIER VERTICAL |
| M4_E | | | | BARRIER LONGIT. |
| M4_E | | | | BARRIER LONGIT. |
| M4_E | | | | BARRIER LONGIT. |
| M4_E | | | | BARRIER LONGIT. |

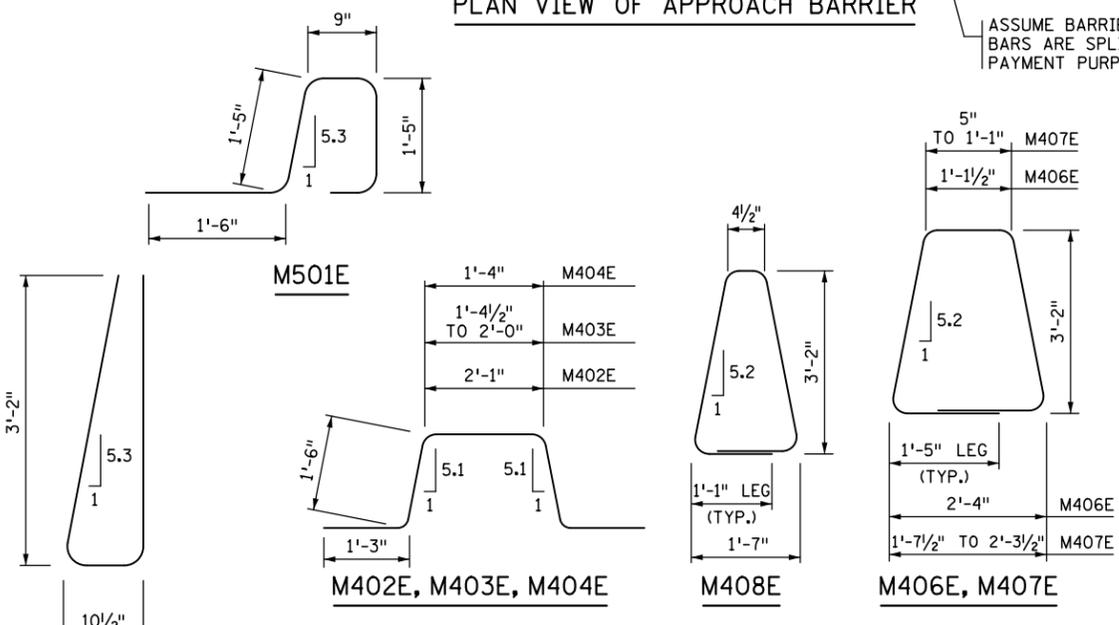


SECTION C-C
 CONTRACTOR OPTION 1
 SECTION C-C
 CONTRACTOR OPTION 2
 CONTROL JOINT DETAILS

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 B-B
 CONCRETE APPROACH ROADWAY



GENERAL NOTES

- MEASURE PAYMENT LENGTH BETWEEN THE OUTSIDE ENDS OF THE BARRIER FROM THE EB JOINT. MEASURED LENGTH IS FOR ONE SIDE OF THE SPLIT MEDIAN BARRIER.
- CONCRETE BARRIER = 525 LBS./FT. (0.130 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 MNDOT 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
 (WITHOUT CONCRETE WEARING COURSE)

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

FIG. 5-397.145(A)