



TYPICAL SECTION

NOTES

1. CAST THE BARRIER AND FOOTER SEPARATELY USING FIXED FORM OR SLIP FORM CONSTRUCTION WITH CONCRETE MIX NO. 6 (4500 PSI).
2. REMOVE THE FOOTER FORMS BEFORE PLACING PAVEMENT.
3. WHEN THE BARRIER IS CONSTRUCTED USING THE SLIP FORM METHOD, DIAGONAL NO. 4 BARS ARE REQUIRED. SEE STD. MD 648.44-04.
4. LAP BARS 2'-10 1/2" UNLESS NOTED OTHERWISE. TIE BARS TOGETHER.
5. MAXIMUM SPACING OF CONTRACTION JOINTS IS 20 FEET. PLACE EXPANSION JOINTS IN THE BARRIER AND FOOTER AT THE END OF POUR, AT PC AND PT LOCATIONS, STRUCTURES, EXPANSION JOINTS IN ABUTTING CONCRETE AND UNDERLYING CONCRETE. LOCATIONS AS SHOWN ON THE PLANS, AND AS DIRECTED BY THE ENGINEER. AT EXPANSION JOINTS, SPACE BARRIER SECTIONS 3/4" APART AND FILL THE OPENING WITH 3/4" PREFORMED JOINT FILLER. RECESS THE FILLER 1/4" FROM THE FACE OF BARRIER.
6. COST OF THE CONCRETE FOOTER, SAWCUTS, ROUGHENED CONSTRUCTION JOINTS, REINFORCEMENT, JOINTS, AND EXCAVATION IS INCIDENTAL TO THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR 42 INCH F SHAPE CONCRETE MEDIAN TRAFFIC BARRIER BIFURCATED 1 FOOT 6 INCHES TO 4 FEET 0 INCHES.
7. TOLERANCES IN DIMENSIONS SHOWN ARE WITHIN 1/4".
8. CONDUIT IF REQUIRED, REFER TO STD. MD 648.50-01 FOR LOCATION AND DETAILS.
9. CONTRACTOR HAS THE OPTION OF LAPPING VERTICAL NO. 5 BARS WITH DOWELS AS SHOWN OR EXTENDING THE DOWEL REINFORCEMENT WITH NO SPLICING. NO ADDITIONAL COMPENSATION WILL BE MADE FOR WHICHEVER OPTION IS CONSTRUCTED.

TL-4

SPECIFICATION 604	CATEGORY CODE ITEMS
APPROVED <i>Crommelinck</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT	
APPROVAL SHA REVISIONS	APPROVAL FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 3-1-01	APPROVAL 3-28-01
REVISED 2-10-04	REVISED 3-31-04
REVISED 6-27-24	REVISED 5-22-24
REVISED	REVISED

MOT MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

**STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
42 INCH F SHAPE CONCRETE
MEDIAN TRAFFIC BARRIER BIFURCATED
1 FEET 6 INCHES TO 4 FEET 0 INCHES**

STANDARD NO. MD 648.44-02