



**NOTES**

- CAST THE BARRIER AND FOOTER SEPARATELY USING FIXED FORM OR SLIP FORM CONSTRUCTION WITH CONCRETE MIX NO.6 (4500 PSI).
- THE BARRIER FOOTER MAY BE CONSTRUCTED AFTER CONSTRUCTION OF THE PAVEMENT. IF FLEXIBLE PAVEMENT IS CONSTRUCTED BEFORE THE FOOTER, SAWCUT THE PAVEMENT TO PROVIDE A CLEAN EDGE. REMOVE FOOTER FORMS IF THE FOOTER IS CONSTRUCTED BEFORE THE PAVEMENT.
- WHEN THE BARRIER IS CONSTRUCTED USING THE SLIP FORM METHOD, DIAGONAL NO. 4 BARS ARE REQUIRED. SEE STD. NO. MD 648.44-04.
- LAP BARS 2'-10 1/2" UNLESS NOTED OTHERWISE. TIE BARS TOGETHER.
- 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.
- COST OF THE CONCRETE FOOTER, SAWCUTS, ROUGHENED CONSTRUCTION JOINT, REINFORCEMENT, JOINTS, AND EXCAVATION IS INCIDENTAL TO THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR 42 INCH F SHAPE CONCRETE MEDIAN TRAFFIC BARRIER.
- WHEN THE BARRIER IS CONSTRUCTED ON EXISTING RIGID PAVEMENT THE COST OF ROUGHENED CONSTRUCTION JOINT, REINFORCEMENT, DRILLED HOLES, AND GROUT IS INCIDENTAL TO THE PRICE PER LINEAR FOOT FOR THE ITEM SPECIFIED IN NOTE 6.
- TOLERANCES IN DIMENSIONS SHOWN ARE WITHIN 1/4".
- WHEN THE BARRIER IS CONSTRUCTED ON EXISTING FLEXIBLE PAVEMENT, SAWCUT PAVEMENT FULL DEPTH AND CONSTRUCT A FOOTER AS SHOWN IN THE NEW CONSTRUCTION DETAIL. THE COST FOR SAWCUTS, PAVEMENT REMOVAL, AND EXCAVATION IS INCIDENTAL TO THE PRICE BID PER LINEAR FOOT FOR THE ITEM SPECIFIED IN NOTE 6.
- IF EXISTING RIGID PAVEMENT IS LESS THAN 11" THICK, SAWCUT PAVEMENT AND CONSTRUCT A FOOTER AS SHOWN IN THE NEW CONSTRUCTION DETAIL. COST OF SAWCUTS, DEMOLITION OF EXISTING PAVEMENT, AND CONSTRUCTION OF FOOTER IS INCIDENTAL TO THE PRICE PER LINEAR FOOT FOR THE ITEM SPECIFIED IN NOTE 6.
- CONDUIT IF REQUIRED, REFER TO STD. NO. MD 648.50-01 FOR LOCATION AND DETAILS.
- THE CONTRACTOR MAY CONSTRUCT THE VERTICAL NO. 5 BARS AS SHOWN ON THE NEW CONSTRUCTION DETAIL ABOVE OR USE THE LAP SPLICE METHOD SHOWN ON THE CONSTRUCTION ON EXISTING RIGID PAVEMENT DETAIL ABOVE. NO ADDITIONAL COMPENSATION WILL BE MADE FOR WHICHEVER OPTION IS CONSTRUCTED.

**TL-4**

<b>SPECIFICATION</b> 604	<b>CATEGORY CODE ITEMS</b>
<b>APPROVED</b> <i>Charles P. ...</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT	
<b>APPROVAL SHA REVISIONS</b>	<b>APPROVAL FEDERAL HIGHWAY ADMINISTRATION</b>
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<b>REVISED</b>	<b>REVISED</b>

**MOT** MARYLAND DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION

**STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES**  
**42 INCH F SHAPE CONCRETE**  
**MEDIAN TRAFFIC BARRIER**

**STANDARD NO. MD 648.44**