

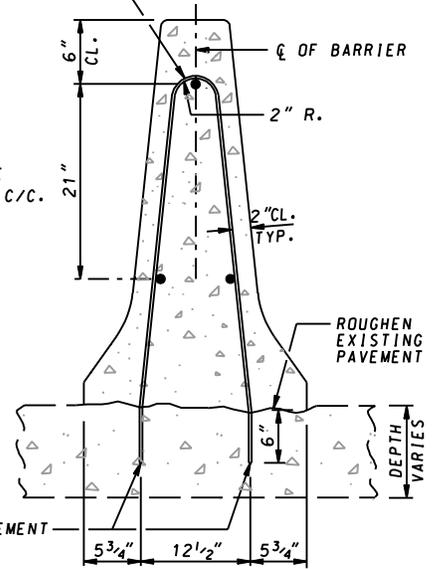
RIGID PAVING
(HALF SECTION)

FLEXIBLE PAVING
(HALF SECTION)

NEW CONSTRUCTION
(OR CONSTRUCTION ON EXISTING
FLEXIBLE PAVEMENT)

REINFORCEMENT: VERTICAL SHALL BE NO. 4 BARS BENT. THE 6" LENGTH OF ENDS BENT VERTICALLY PLUMB TO ACHIEVE 12 1/2". THE BARS SHALL BE SPACED AT 18" C/C. HORIZONTAL SHALL BE 3 CONTINUOUS NO. 5 BARS SPACED AS SHOWN. SEE NOTE 3.

REINFORCEMENT: VERTICAL SHALL BE NO. 4 BARS BENT AND SPACED AT 18" C/C. HORIZONTAL SHALL BE 3 CONTINUOUS NO. 5 BARS SPACED AS SHOWN.



CONSTRUCTION ON EXISTING RIGID PAVEMENT
(BARRIER FOOTER IS REQUIRED FOR EXISTING FLEXIBLE PAVEMENT)

DRILL HOLES AND GROUT NO. 4 BARS INTO EXISTING PAVEMENT

NOTES

1. THE BARRIER AND FOOTER SHALL BE CAST SEPARATELY USING THE FIXED FORM OR THE SLIP FORM CONSTRUCTION METHOD USING CONCRETE MIX NO. 6 (4500 PSI).
2. THE CONTRACTOR HAS THE OPTION TO CONSTRUCT THE BARRIER FOOTER AND BARRIER AFTER CONSTRUCTION OF THE PAVEMENT. THE FOOTER FORMS, IF USED, SHALL BE REMOVED IF THE BARRIER AND FOOTER ARE CONSTRUCTED BEFORE THE PAVEMENT.
3. WHEN THE BARRIER IS CONSTRUCTED USING THE SLIP FORM METHOD DIAGONAL NO. 4 REINFORCEMENT BARS ARE REQUIRED. SEE STD. NO. 648.44-04.
4. ALL REINFORCEMENT BARS, INCLUDING ENDS, SHALL BE EPOXY COATED. ALL BAR LAPS TO BE 30 BAR DIAMETERS. TIE BARS TOGETHER. ALL REINFORCEMENT BARS SHALL BE ASTM A 615, GRADE 60.
5. SPACING OF CONTRACTION JOINTS SHALL BE 20 FEET REGARDLESS OF CONSTRUCTION METHOD.
6. COST OF THE CONCRETE FOOTER, ALL REINFORCEMENT, AND EXCAVATION SHALL BE INCIDENTAL TO THE CONTRACT UNIT PRICE PER LINEAR FOOT FOR 42 INCH F SHAPE CONCRETE MEDIAN TRAFFIC BARRIER.
7. WHEN THE BARRIER IS CONSTRUCTED ON EXISTING RIGID PAVEMENT THE COST OF ALL REINFORCEMENT, DRILLED HOLES, GROUT, LABOR, TOOLS, EQUIPMENT, ETC., SHALL BE INCIDENTAL TO THE PRICE PER LINEAR FOOT FOR THE ITEM SPECIFIED IN NOTE 6.
8. TOLERANCES IN DIMENSIONS SHOWN SHALL BE WITHIN 1/4"

SPECIFICATION 604	CATEGORY CODE ITEMS
APPROVED	<i>Kirk G. McCall</i> DIRECTOR - OFFICE OF HIGHWAY DEVELOPMENT
	APPROVAL • SHA REVISIONS
	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
	APPROVAL 3-1-01
	APPROVAL 3-28-01
	REVISION 10-1-01
REVISION	REVISION
REVISION	REVISION

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