

**TYPE III**

TYPE III (GREATER THAN 2'-0" HT. DIFF., MAX. 3'-0")

**MEASUREMENT AND PAYMENT**

MEDIAN BARRIER MB-8A TYPE I, II OR III WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER LIN. FOOT, WHICH SHALL BE FULL COMPENSATION FOR FURNISHING AND INSTALLING CLASS A3 CONCRETE, REINFORCING STEEL, POROUS BACKFILL AND ALL TOOLS, LABOR, EQUIPMENT AND INCIDENTALS NECESSARY TO COMPLETE THE WORK. ANY ADDITIONAL EXCAVATION, BACKFILL WITH SUITABLE MATERIAL AND COMPACTION WORK NECESSARY FOR THE CONCRETE MEDIAN BARRIER INSTALLATION IS TO BE CONSIDERED INCIDENTAL IN THE PRICE BID FOR THE CONCRETE MEDIAN BARRIER.

**NOTE:**

REINFORCING STEEL BARS SHOWN ARE BASED ON A 20' PANEL LENGTH.

ALL REINFORCING BARS ARE TO BE SIZE #4 GRADE 60 STEEL WITH A MINIMUM 1/2" CONCRETE COVER.

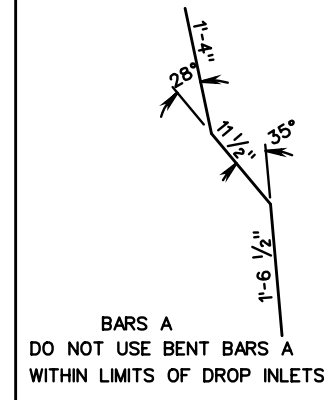
THE TYPICAL JOINT SPACING FOR CONSTRUCTION JOINTS IS 20' AND 80' FOR EXPANSION JOINTS FOR TYPE II AND III BARRIERS.

FOR DETAILS OF HOW JOINTS ARE TO BE FORMED & WATER STOP DETAILS SEE ST'D. RW-3.

TRANSVERSE JOINTS FOR TYPE I BARRIERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ROAD AND BRIDGE SPECIFICATIONS EXCEPT NO SCORING OR SAWING WILL BE ALLOWED.

HORIZONTAL REINFORCING STEEL BARS B ARE TO BE SEPARATED AT ALL EXPANSION & CONTRACTION JOINTS. A 2" CONCRETE COVER IS REQUIRED OVER THE ENDS OF REINFORCING STEEL.

**BENDING DIAGRAM**



\* MB-7D BARRIER FACE

\*\* DENOTES FINISHED GRADE ELEVATION

△ FOUNDATION MATERIAL UNDER MEDIAN BARRIER IS TO BE COMPACTED.

**REINFORCING STEEL SCHEDULE**

|          | BARS "A" |        | BARS A-1 |        | BARS "B" |        | DOWELS |        |
|----------|----------|--------|----------|--------|----------|--------|--------|--------|
| PANEL    | NO.      | LENGTH | NO.      | LENGTH | NO.      | LENGTH | NO.    | LENGTH |
| TYPE I   |          |        |          |        | 2        | 19'-8" |        |        |
| TYPE II  | 20       | 4'-0"  | 20       | 4'-0"  | 9        | 19'-8" | 40     | 1'-0"  |
| TYPE III | 20       | 4'-0"  | 20       | 4'-0"  | 9        | 19'-8" | 40     | 1'-0"  |

SPECIFICATION REFERENCE

105  
404  
502

**CONCRETE MEDIAN BARRIER**

TYPE I, II OR III

VIRGINIA DEPARTMENT OF TRANSPORTATION

**VDOT**

ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

502.08