## SEE DETAIL A FLARE RATE SEE TABLE JOINT SEAL VARIES BRIDGE PIER OR OTHER MEDIAN OBSTRUCTION MB-12A MB-12B TRANSITION VARIABLE WIDTH PLAN 1456" VARIES 1456"

## NOTES:

IF THE CONTRACTOR ELECTS TO USE THE OPTIONAL CONSTRUCTION JOINTS, TRANSVERSE JOINTS FOR CRACK CONTROL AND EXPANSION JOINTS ARE TO BE PROVIDED IN BOTH FOOTING AND BARRIER AT THE SAME LOCATION.

TRANSVERSE JOINTS ARE TO COINCIDE WITH JOINTS IN ADJACENT PAVEMENT WITH A MAXIMUM SPACING OF 20 FT. C-C.

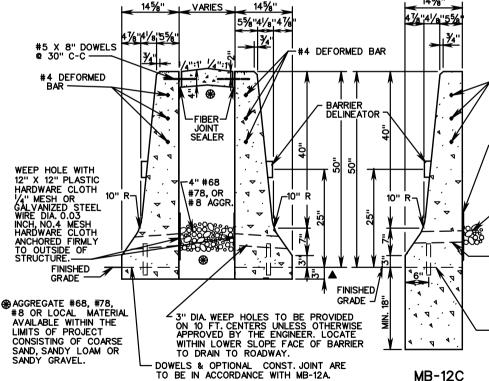
CONCRETE MEDIAN BARRIER MAY BE CAST IN PLACE OR SLIP-FORMED.

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

BARRIER DELINEATOR SIZE, COLOR AND SPACING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS. COST OF DELINEATOR SHALL BE INCLUDED IN THE PRICE BID FOR MEDIAN BARRIER. REFLECTIVE SURFACE OF BARRIER DELINEATOR, IN ALL INSTANCES, SHALL BE FACING THE ONCOMING TRAFFIC.

CONCRETE SHALL BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.

▲ DEPTH OF CONCRETE BASE MAY BE EXTENDED AT THE CONTRACTOR'S OPTION TO COINCIDE WITH BOTTOM OF PAVEMENT COURSE IN WHICH BASE TERMINATES; HOWEVER, THE COST OF ADDITIONAL CONCRETE SHALL BE INCLUDED IN UNIT PRICE BID PER LINEAR FT. OF BARRIER.



MB-12B

-WEEP HOLE WITH 12" X 12" PLASTIC HARDWARE CLOTH 1/4" MESH OR GALVANIZED STEEL WIRE, DIAMETER 0.03 INCH NUMBER 4 MESH HARDWARE CLOTH ANCHORED FIRMLY TO OUTSIDE OF STRUCTURE.

#4 DEFORMED

BAR

-4" AGGREGATE #68, #78 OR #8 X 6" WIDTH, WHEN WEEP HOLES ARE PROVIDED THROUGH BARRIER.

'3" DIAMETER WEEP HOLES TO BE PROVIDED ON 10' CENTERS WHEN BACKFILL IS PLACED BEHIND BARRIER, UNLESS OTHERWISE APPROVED BY THE ENGINEER. LOCATE WITHIN LOWER SLOPE FACE OF BARRIER TO DRAIN TO ROADWAY.

DOWELS AND OPTIONAL CONSTRUCTION JOINT ARE TO BE IN ACCORDANCE WITH MB-12A.

FLARE RATES				
DESIGN SPEED	INSIDE SHY LINE		BEYOND SHY LINE	
MPH	SHY LINE LS	FLARE RATE	FLARE RATE	
70	10'	30:1	20:1 *	
60	8	26:1	17:1 *	
50	6.5'	21:1	14:1 *	
40	5'	17:1	11:1 *	
30	3.5'	13:1	8:1 *	

\* SUGGESTED MAXIMUM FLARE RATE FOR RIGID BARRIER SYSTEMS.

CHEET	
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SPECIFICATION REFERENCE

105

502

## CONCRETE MEDIAN BARRIER (TALL WALL)

VIRGINIA DEPARTMENT OF TRANSPORTATION

501.56