## SEE DETAIL A -FLARE RATE SEE TABLE JOINT SEAL --VARIES BRIDGE PIER OR OTHER MEDIAN OBSTRUCTION TO BE PAID TO BE PAID MB-12A MB-12B TRANSITION VARIABLE WIDTH DETAIL A

PI AN

## 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 PSIIF 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.

145/8" 145/8" 145/8" \_ VARIES 55/8"41/8"47/8 4%''41/8¦'5%' 3/4 #5 X 8" DOWELS #4 DEFORMED BAR @ 30" C-C #4 DEFORMED BAR (\*) BARRIER DELINEATOR -FIBER-JOINT SEALER 50. 50' WEEP HOLE WITH 12" X 12" PLASTIC **-**4" #68  $\nabla$ HARDWARE CLOTH #78, OR  $\nabla$ Δ 10" R-\_10" R 1/4" MESH OR GALVANIZED STEEL 10" \#8 AGGR  $\nabla$  $\nabla$ WIRE DIA. 0.03 25" INCH. NO.4 MESH HARDWARE CLOTH ANCHORED FIRMLY 3000 S TO OUTSIDE OF 4 STRUCTURE. **-**6"∰ FINISHED 4 T T GRADE -7 FINISHED ٩ GRADE -٩ #8 OR LOCAL MATERIAL . 4 α V ∠ 3" DIA. WEEP HOLES TO BE PROVIDED. AVAILABLE WITHIN THE ON 10 FT. CENTERS UNLESS OTHERWISE LIMITS OF PROJECT APPROVED BY THE ENGINEER. LOCATE CONSISTING OF COARSE WITHIN LOWER SLOPE FACE OF BARRIER Z SAND, SANDY LOAM OR TO DRAIN TO ROADWAY. SANDY GRAVEL. DOWELS & OPTIONAL CONST. JOINT ARE TO BE IN ACCORDANCE WITH MB-12A. MB-12C

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

RAR

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 \* SUGGESTED MAXIMUM FLARE RATE 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		IDE LINE	BEYOND SHY LINE	
MPH	SHY LINE LS	FLARE RATE	FLAR RATE	
70	10'	30:1	20:1	*
60	8'	26:1	18:1	*
50	6.5'	21:1	14:1	*
40	5'	16:1	10:1	*
30	3.5'	13:1	8:1	*

FOR RIGID BARRIER SYSTEMS.

SPECIFICATION REFERENCE
105
502

MB-12B

## CONCRETE MEDIAN BARRIER (TALL WALL)