

SECTION J - J

[illegible]

SECTION G - G

8'-0" SLAB OPENING

4" 3 1/2" 4" 3 1/2" 2'-8" 1'-8" 9'-4" 12'-8" 1'-8"

OPTIONAL CONSTRUCTION JOINT

SECTION H - H

The image contains two technical drawings, Detail M and Detail O, showing cross-sections of a roof curb assembly.

DETAIL M shows a curb assembly with a 2 1/2" diameter NPS ASTM A53 Schedule 80 pipe. The curb is made of L5 x 3 1/2 x 1/2 angle. The assembly is shown in two views: a side view and a top view. The side view shows the curb height and the pipe placement. The top view shows the curb width and the pipe placement. The curb is labeled with dimensions: 3" x 1/2" x 8'-8" and 5" x 1/2" x 8'-8". The pipe is labeled with dimensions: 2 1/2" ø NPS ASTM A53 SCHEDULE 80 PIPE. The curb is labeled with dimensions: L5 x 3 1/2 x 1/2. The curb is shown with a 1/4" slope and a 3/8" x 3/8" hole.

DETAIL M (OPTIONAL) shows an alternative curb assembly. It features a 2 1/2" diameter NPS ASTM A53 Schedule 80 pipe. The curb is made of L5 x 3 1/2 x 1/2 angle. The assembly is shown in a side view. The curb is labeled with dimensions: 3" x 1/2" x 8'-8" and 5" x 1/2" x 8'-8". The pipe is labeled with dimensions: 2 1/2" ø NPS ASTM A53 SCHEDULE 80 PIPE. The curb is labeled with dimensions: L5 x 3 1/2 x 1/2. The curb is shown with a 1/4" slope and a 3/8" x 3/8" hole.

DETAIL O shows a curb assembly with a 2 1/2" diameter NPS ASTM A53 Schedule 80 pipe. The curb is made of L5 x 3 1/2 x 1/2 angle. The assembly is shown in a side view. The curb is labeled with dimensions: 3" x 1/2" x 8'-8" and 5" x 1/2" x 8'-8". The pipe is labeled with dimensions: 2 1/2" ø NPS ASTM A53 SCHEDULE 80 PIPE. The curb is labeled with dimensions: L5 x 3 1/2 x 1/2. The curb is shown with a 1/4" slope and a 3/8" x 3/8" hole.

[illegible]

NOTE: FOR ADDITIONAL DETAILS SEE
STD-1-1 THRU 7.

DETAIL C

4'-0 1/2" ± 1/8"

5"

1/2"

CAP END OF PIPE
SEE DETAIL P

TOP OF GRATE 1/8"
BELOW TOP OF SLAB

L5x3 1/2x1/2

TIGHT FIT

OPTIONAL CONSTRUCTION JOINT

8"

3'-0" SLAB OPENING

8"

2 1/2" Ø NPS
ASTM A53
SCHEDULE 80 PIPE

4"

4"

4"

6" PERFORATED PIPE

PARAPET

ABUTMENT WING

F

F

DETAIL D

SECTION E - E

☆ DENOTES: THE CONTRACTOR HAS THE OPTION TO USE L5x3 $\frac{1}{2}$ x $\frac{1}{2}$ IN LIEU OF R 3"x $\frac{1}{2}$ "x8"-8" & R 5"x $\frac{1}{2}$ "x8"-8". SEE DETAIL 'M' (OPTIONAL).

SECTION F - F

$\frac{M}{R}$ MINOR REVISION - FHWA
APPROVAL NOT REQUIRED

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
BRIDGE END DRAIN DETAILS
4' x 8'-7" WITH
PAVEMENT AT BRIDGE ENDS
1993

CORRECT. Edward P. Wasserman
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