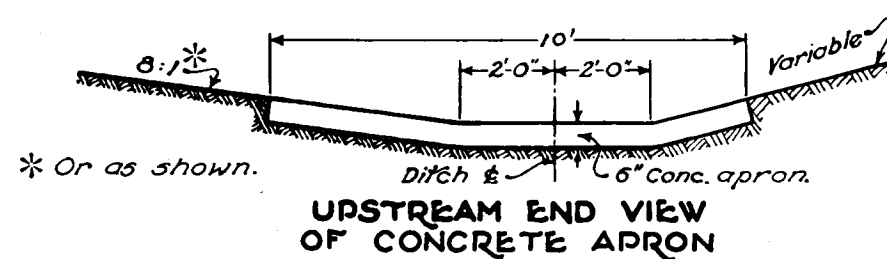
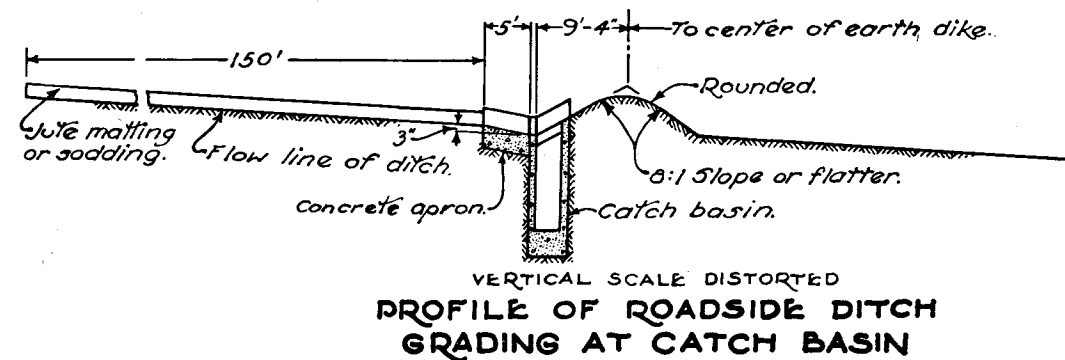
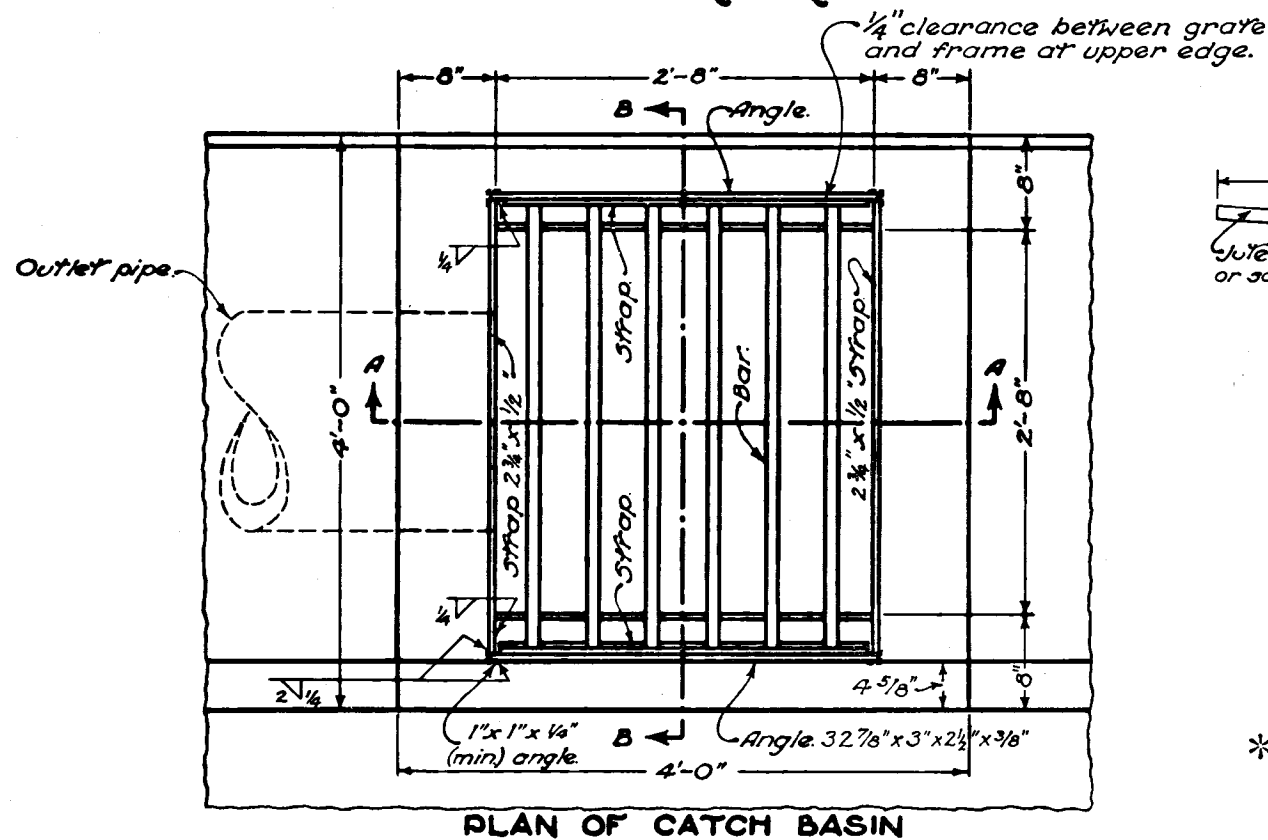
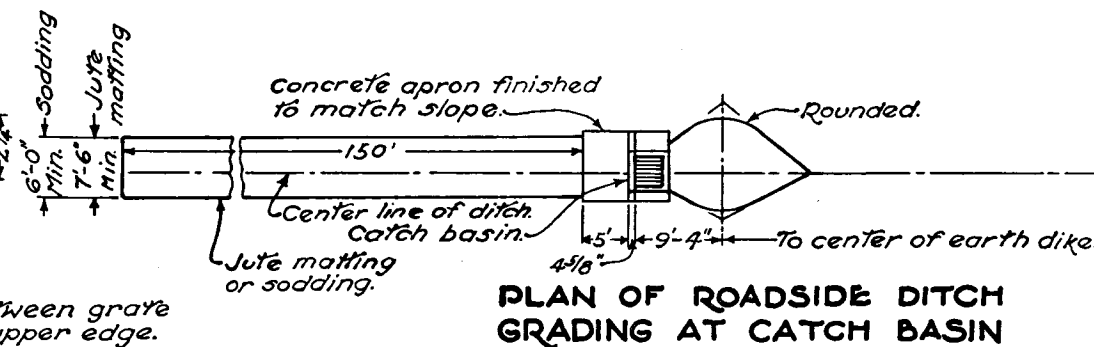
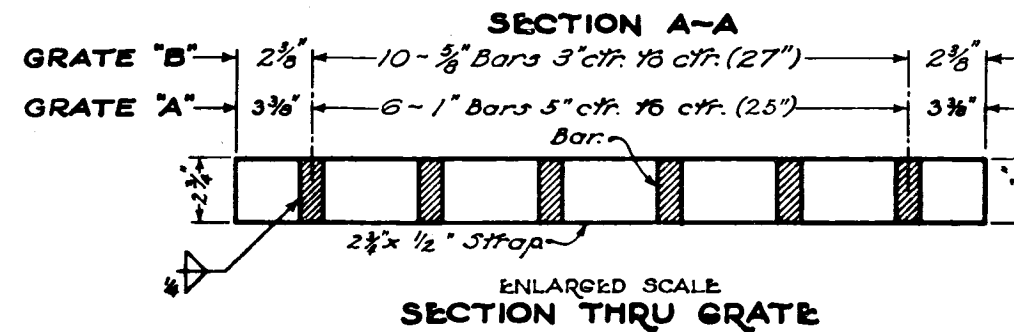
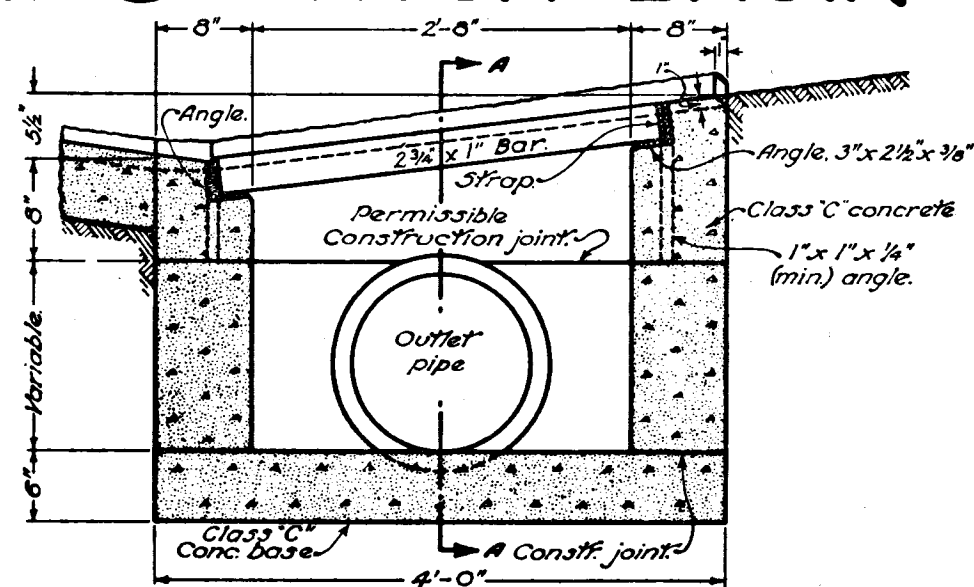
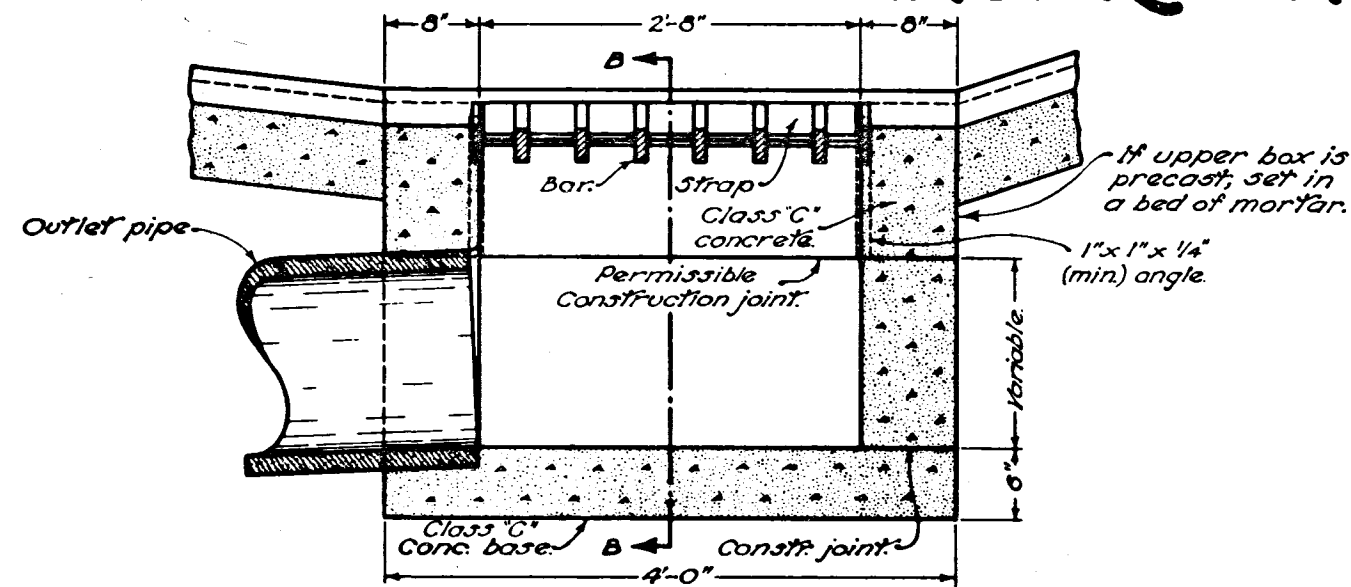


STANDARD NO. 5 CATCH BASIN



NOTES

BRICK OR CONCRETE BLOCK may be used in wall construction between the concrete base and the permissible construction joint. The wall thickness shall be 8" nominal if brick or concrete block is used.

CONCRETE to be class "C"

GRATING AND FRAME shall be of structural steel in accordance with 711.01 and 513. The design shall be essentially the same and equally as strong as the one shown hereon.

Minimum weight of grate 185 pounds. Minimum weight of frame 60 pounds.

GRATE shall be depressed 3" below the upstream end of the concrete apron at the centerline of the ditch.

Unless grate "B" is specifically required by the plans, grate "A" shall be furnished and installed.

JUTE MATTING or SODDING: Provide a 150 foot length of jute matting (two 48" wide strips - 6" max. overlap) or sodding as shown. Installation and payment for jute matting shall conform with 667; sodding shall conform with 660.

SEEDING: The preparation of soil and seeding of the area occupied by the jute matting shall be in accordance with 659.

BASINS IN SAG: When catch basin is placed in a sag, omit the earth dike and longitudinal slope of grate, also provide concrete apron and jute matting on each side of basin.

COST: The cost of concrete apron and down stream dike to be included in the unit price bid for Item 604.

CONCRETE APRON to be adjusted in such a manner that the outside edges be at equal elevation.

STEPS: If depth of basin measured from flowline of pipe to flowline of grate exceeds 48" provide steps as shown on Standard Construction Drawing MH-1.

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF HIGHWAYS

CATCH
BASINS

STANDARD
CONSTRUCTION
DRAWING
APPROVED: *R. E. Galt* ENGR. L. & D.

DATE
6-1-65
6-6-68
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