The bottom may be precast separately and the outlet pipe placed on top of it with the bottom shaped to drain curb & gutter.

Location of grate, elev., station and offset:
Normal pavement slope
Depressed pavement
Rainf. steel per SCD BP-1.1
Steel Beam S6x12.5x6'
Outside of curb
Inside of curb
Normal gutter elevation
Depressed gutter elevation
(2" DEPRESSION) WITH CURB
(2" DEPRESSION) WITH CURB & GUTTER

SECTION A-A

Dowel location for curb & gutter

SECTION B-B

Plan of catch basin and pavement joints

CATCH BASIN No. 3

See Sh. 2/2 for NOTES
NOTES

GRATES: Two required. For details, see SCD CB-2.2. Provide grate "F" unless the plans specifically require the diagonal grate. If the diagonal grate is specified, place it so that the diagonal bars direct drainage flow toward the curbs.

CASTINGS: Provide a design essentially the same and equally as strong as the one shown. Minimum weight:

- Curb Casting . . . . . . 300 lbs.
- Two Grates . . . . . . 264 lbs.
- Frame . . . . . . . . . 280 lbs.
- Two Grates 4" . . . . . . 210 lbs.

Lighter weight frames and grates that meet the requirements of CMS 714 may also be provided. Provide grate openings and dimensions as shown here unless otherwise shown in the plans.

Cast the following text into the top of the curb casting:

"DUMP NO WASTE" and "DRAINS TO WATERWAY"

Print text in bold, capital letters at least \( \frac{1}{2} \)" high. See examples on Plan & Section. "WATERWAY" may be substituted with "STREAM", "RIVER", "LAKE", etc. Actual placement and logo may vary per manufacturer.

BEARING AREAS: Fit and finish the frame and grate to provide a firm and even seat. No projections are permitted on bearing areas, and the grate must seat in its frame without rocking.

WALLS: When used in place of concrete, construct brick side walls with \( \frac{1}{2} " \) nominal thickness.

PRECAST CONSTRUCTION: Permitted, except for the apron. Meet CMS 716.3 concrete requirements. Provide precast walls at least \( \frac{1}{2} " \) thick with sufficient reinforcing to permit shipping and placement without damage. Reduce the wall thickness from the outside.

MINIMUM DEPTH: The minimum depth is per the cover requirements for that pipe type.

OPENINGS: Ensure pipe openings are the O.D. of the pipe being supplied plus \( \frac{1}{2} " \) when fabricated or field cut. Fill any voids per CMS 66.

DOWELS: Furnish four 1" x 18" dowels for concrete pavement or gutter blockout. See SCD BP-2.2 for dowel details.

BLOCKOUTS: Pave blockouts with 4000 psi compressive strength concrete in 2" pavement or gutter blockout. See SCD BP-2.2 for details.

PAVEMENT: All materials and labor, including excavation and backfilling, are paid for under Item 611 - Cutoff Basin, No. 3.