TROUGH AND REINFORCEMENT
AS PER MD 374.55 (MODIFIED
AS SHOWN BELOW)

EQUIVALENT PIPE(S) MAY BE
SUBMITTED FOR APPROVAL. SUBMITTAL
MUST INCLUDE HYDRAULIC COMPUTATIONS.

PLAN
NOT TO SCALE

SECTION A-A
NOT TO SCALE
LAP SPlice REINFORCEMENT
1'-0" (TYP.) AROUND
CORNERS AS SHOWN

SECTION B-B
NOT TO SCALE

NORMAL ROADWAY
CROSS SLOPE

DEPRESSED CONCRETE
GUTTER TO BE CAST IN
FIELD (SEE MD 374.65)

4"x6" TIE DEVICES
20" C/C CAST IN FRONT
FACE OF TROUGH WALL OR
PLASTIC INSERT TO
RECEIVE NO. 4 REBAR

NOTES

1. SLOPED TROUGH FLOOR TO BE CAST IN THE FIELD
AND USED ONLY WHEN ROAD GRADE IS 1.5% OR
LESS. WHEN SLOPED TROUGH FLOOR IS USED,
ROUGHEN PRECAST TROUGH FLOOR.

2. CONCRETE SHALL BE MIX NO. 6.

3. FOR CAST IN PLACE INLET, REINFORCEMENT SHALL
BE NO. 4 BARS AT 6" C/C, TWO WAYS, PLACED IN
THE CENTER OF THE INLET WALLS AND BASE. FOR
PRECAST INLETS, REINFORCEMENT SHALL BE TWO
LAYERS OF 4X4- W5.0 X W5.0 WELDED WIRE
FABRIC WITH 1" COVER AT WALLS AND TWO
LAYERS OF 4X4- W5.0 X W5.0 WELDED WIRE
FABRIC WITH 1½" COVER AT BASE.

4. FOR MANHOLE FRAME AND COVER SEE MD 383.61.

5. MINIMUM DEPTH PAYMENT SHALL BE 3'-6"
MEASURED FROM THE BOTTOM OF THE BASE UNIT
TO THE TOP OF THE TROUGH SLAB. VERTICAL
DEPTH PAYMENT IN EXCESS OF 3'-6" IS NOT
PERMITTED. USE OTHER STANDARDS IF ADDITIONAL
VERTICAL DEPTH IS REQUIRED.

6. PIPE TO BE PAID FOR SEPARATELY

7. FROM CURB LINE/SIDEWALK, INLET HAS BEEN
DESIGNED FOR HS-25 LOADING, ACCORDING TO
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES
PRECAST OR CAST IN PLACE
SHALLOW COS INLET
5' OR 10' TROUGH OPENING

STANDARD NO.  MD 374.67