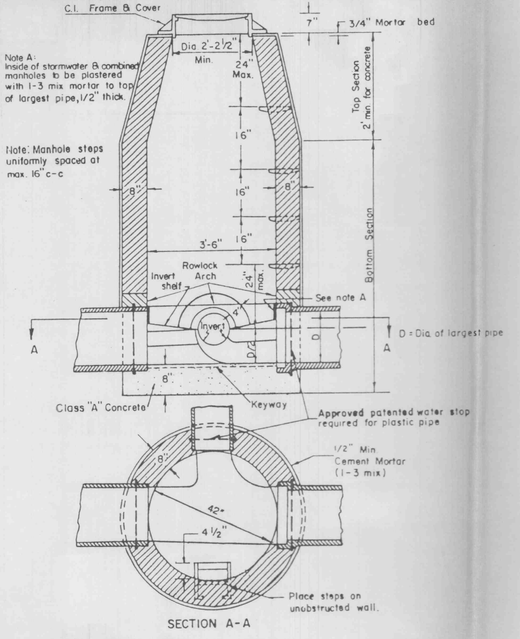
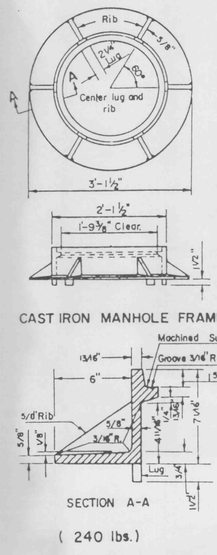
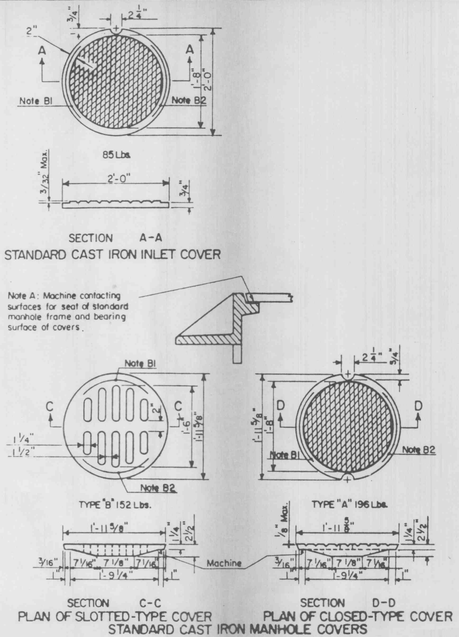


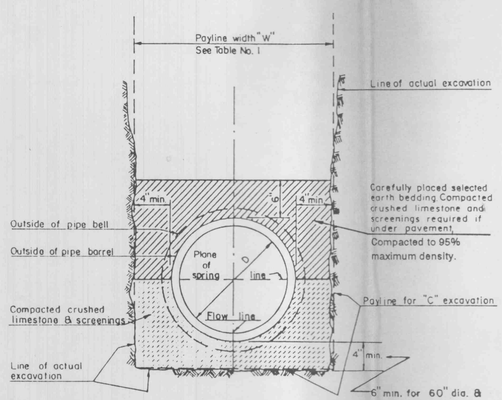
MANHOLE DETAIL
N.T.S.



CAST IRON MANHOLE FRAME
N.T.S.



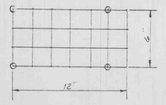
CAST IRON COVERS MANHOLES AND INLETS
N.T.S.



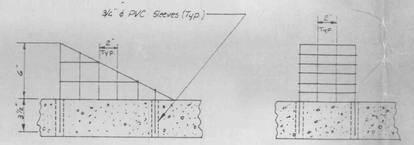
Note: 72" CSP's are to be backfilled with 1" clean limestone compacted. Except where noted.

Note: For Pipe Bedding on State Right-of-Way, see Missouri Standard Plans for Highway Construction, January 1990 Drwg No. 726.30C Class B Bedding for Reinforced Concrete Pipe Culverts

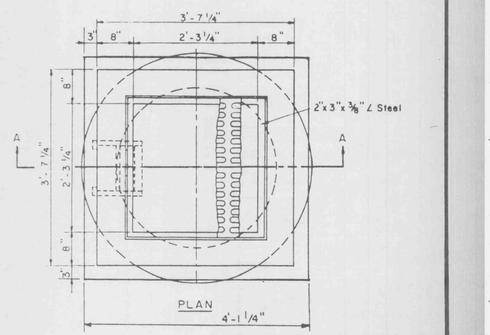
PIPE BEDDING DETAIL
N.T.S.

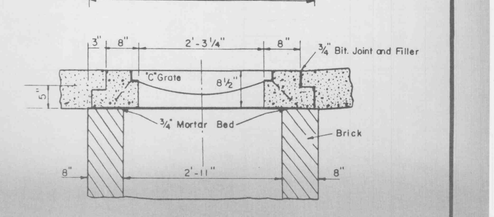


Fabricate Trash Rack from 1/2" dia. bars welded together & spaced as shown.



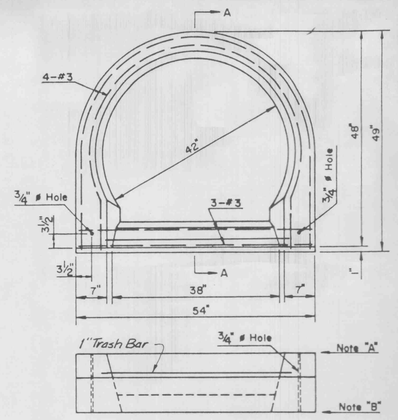
Trash Rack Detail
N.T.S.

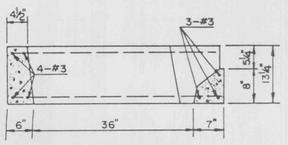




Note: Inlets on this sheet are to be used in locations where standard open throat inlets can not be used, in paved traffic way, and in limited easements.

2 - GRATE INLET
N.T.S.

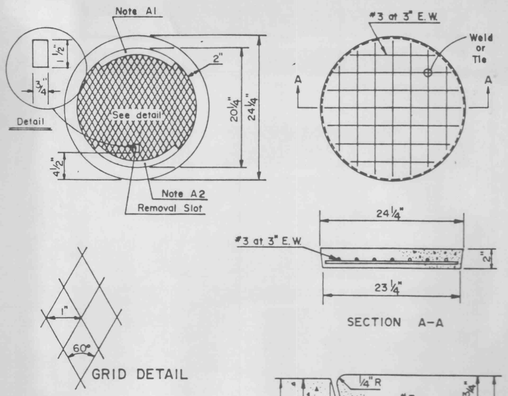




NOTES

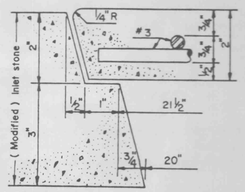
A. Set standard inlet stone in 3/4" mortar bed and dowel with 5/8" ø 1'-0" long pins and grout.
B. Raise to final grade with courses of brick and 3/4" mortar bed.
C. This unit to be used with, 42" I.D., poured in place concrete or brick base.
D. 4000 P.S.I. concrete required.

PRE-CAST CONCRETE UNIT FOR SINGLE CURB INLET
N.T.S.



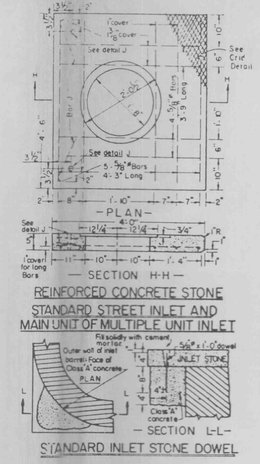
Note:
Provide 1/8" raised lettering approximately 3/4" to 1" high.
A1: METRO ST. LOUIS
A2: SEWER DIST SEWERS

4000 P.S.I. concrete required.

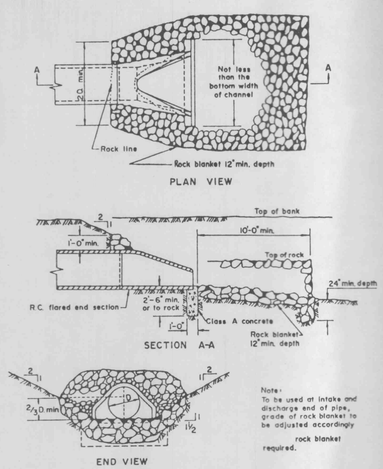


STANDARD INLET STONE MUST BE MODIFIED TO RECEIVE CONC. COVER

PRE-CAST CONCRETE INLET COVER
N.T.S.



INLET DETAILS
N.T.S.

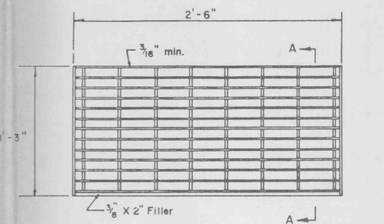


Note: To be used at intake and discharge end of pipe, grade of rock blanket to be adjusted accordingly

rock blanket required.

Note: For Flared End Sections on State Right-of-Way, see Missouri Standard Plans for Highway Construction, January 1990 Drwg. No. 732.00L

FLAIRED END SECTION DETAIL
N.T.S.



Finish	- Asphaltic 10 mil. coating
Material	- Mild carbon steel - ASTM A569
Capacity	- H-20 loading
Weight	- 65 lb. min.
Tolerances	- All dimensions ± 1/8"
Identification	- The manufacturer must place his name or mark on each unit for the purpose of identification

STEEL GRATE DETAIL
N.T.S.

STATE OF MISSOURI
PAUL L. LORTON
NUMBER PE-13957
REGISTERED PROFESSIONAL ENGINEER
4-3-92

525012