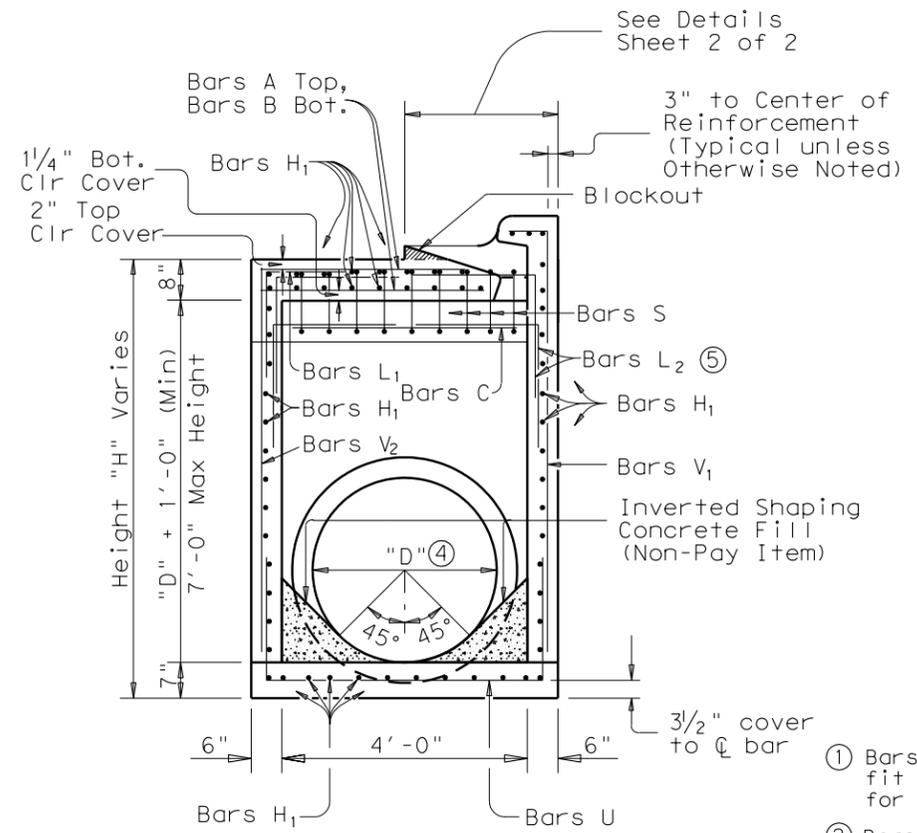
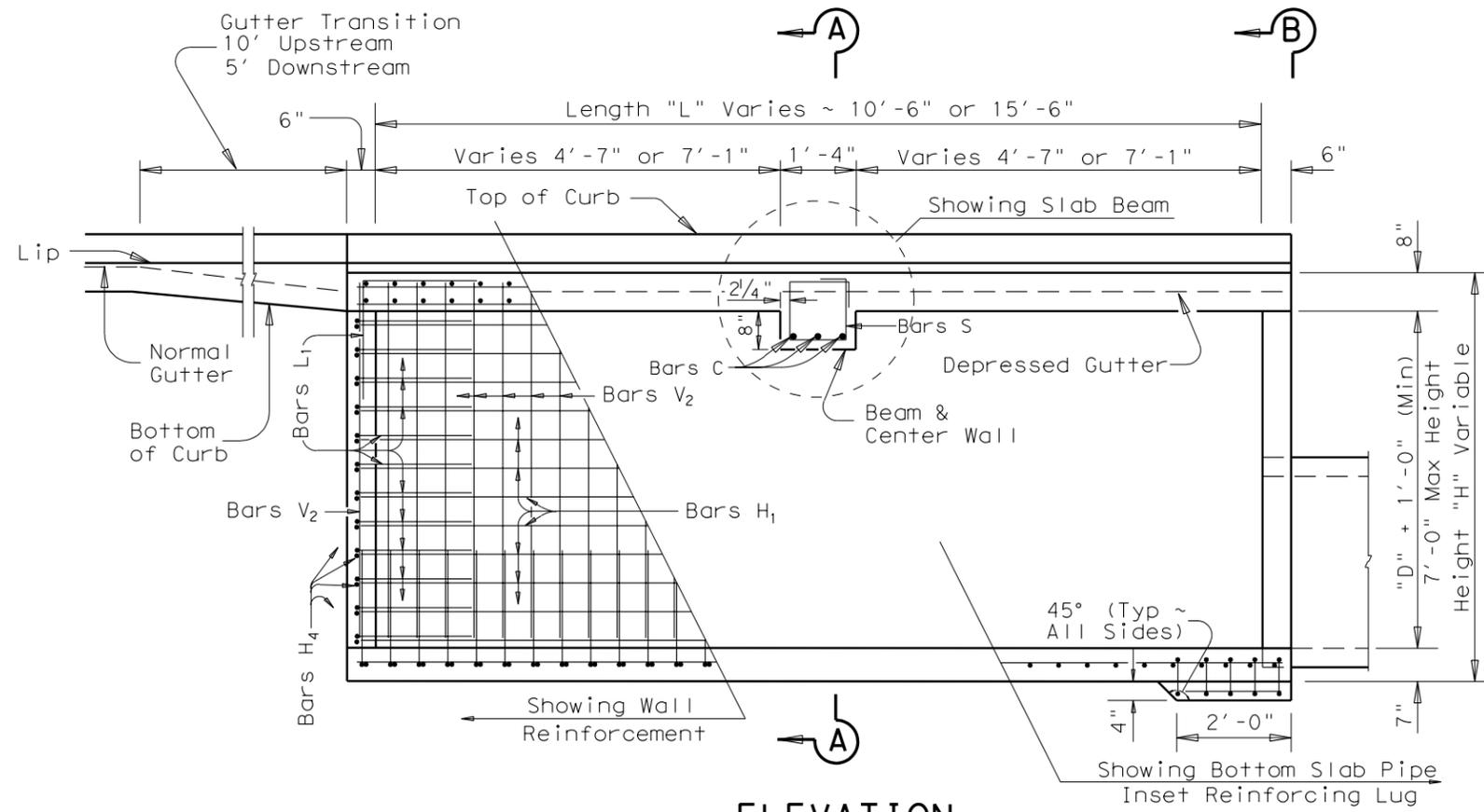


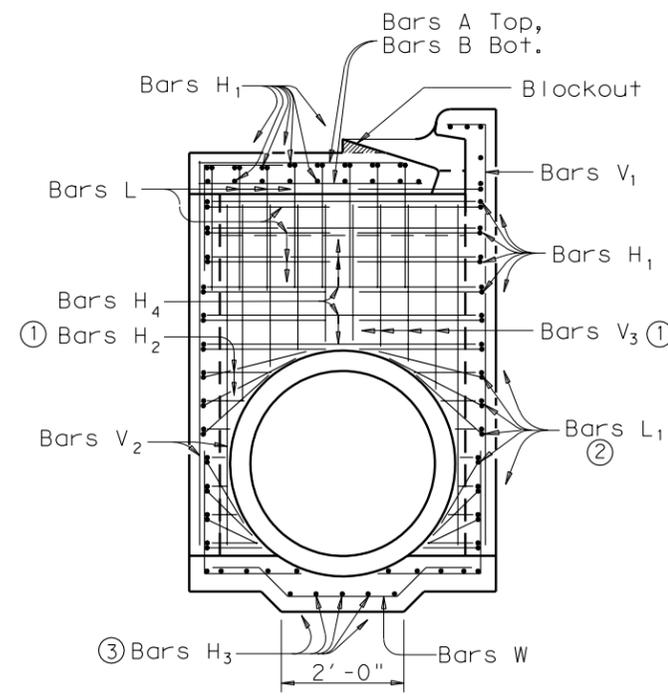
PLAN



SECTION A-A



ELEVATION



END VIEW B-B

- ① Bars H₂ & V₃ shall be cut to fit as shown. Allow 3" for End Cover (Typical).
- ② Bars L shall be placed with Bars A, H, and V as shown at RCP, corners and Manhole Assembly. Manhole ring shall be placed such that interior opening aligns with inside faces of two corner walls. Contractor shall place 8 ~ #4 Bars as shown in Plan View around Ring Assembly to engage cut slab Bars A, B & H₁.
- ③ Bars H shall be Cut as Required to accommodate Pipe Recess in Bottom Slab.
- ④ "D" = Pipe Diameter
- ⑤ Bars L₂ shall align with Beam Reinforcement Bars C and Top Slab Reinforcement (12 Bars L₂ Total)

Sheet 1 of 2

HS20 LOADING

CURB INLET DETAILS

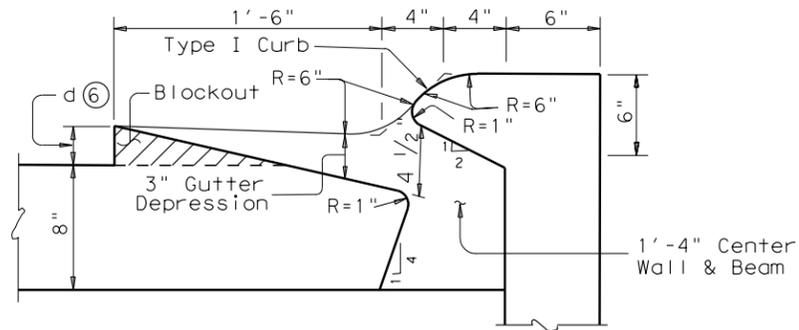
TYPE IR & IIR

(FOR 36" DIA. RCP & SMALLER)

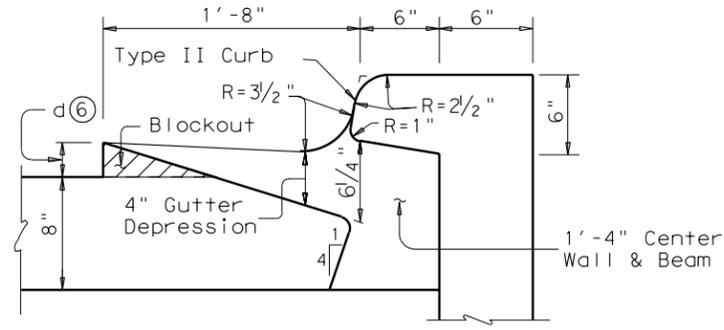
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BAR TABLE		
BAR	SIZE	MAX. SPA.
A	#5	5"
B	#5	5"
C	#8	As Shown
H ₁	#5	6"
H ₂	#5	6"
H ₃	#5	6"
H ₄	#5	6"
L ₁	#5	6"
L ₂	#8	As Shown
S	#4	5"
U	#5	6"
V ₁	#5	6"
V ₂	#5	6"
V ₃	#5	6"
W	#5	6"



THROAT DETAILS TYPE IR INLETS



THROAT DETAILS TYPE IIR INLETS

⑥ "d" = Depth of Overlay.

GENERAL NOTES:

All concrete shall be Class "A"

Ring and cover shall conform to the requirements of AASHTO M306, "Standard Specification for Drainage Structure Castings". Materials shall conform to ASTM A48, Class 35B for gray iron castings or ASTM A536, Grade 65-45-12 for ductile iron castings. Aluminum alloy castings shall not be permitted. Ring and cover shall be considered subsidiary to the inlet bid item.

If two inlets are to be installed end to end, contractor shall install equivalent opening or pipe segment in end walls between boxes. Each end wall between inlet boxes shall be reinforced as shown for single box.

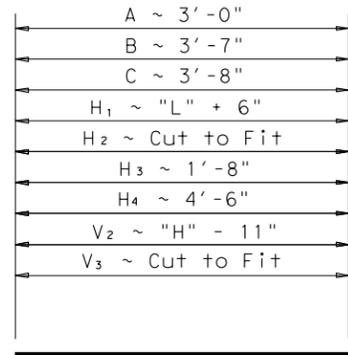
The Contractor may build inlets in stages so that base laying operations may be continuous over the top of the inlet. Any additional excavation required below finished base grade, within roadway limits, shall be backfilled with Class "B" Conc (Riprap).

Work or materials involved for inlet stage construction will not be paid for directly, but shall be considered subsidiary to the bid items involved.

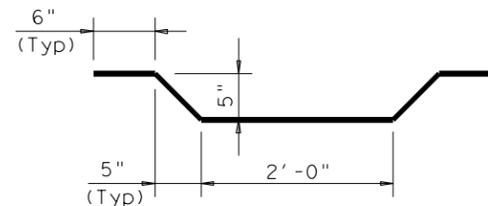
Where inlets are proposed at existing inlet locations, portions of the existing inlet shall be utilized in the new construction as directed by the Engineer. All break-back necessary to provide for tie to new construction and all removal of remaining portions of existing inlet not to be utilized shall be considered subsidiary work to Item 465, "Manholes and Inlets."

Connecting pipes should enter within 10 degrees of normal to inlet wall. If necessary, pipe elbow or curved approach alignment should be used to stay within this limit.

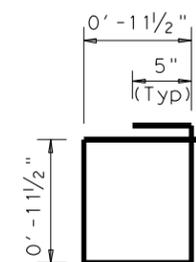
The Contractor shall provide gutter blockout(s) for the length of each inlet for temporary drainage. Blockout(s) shall be filled after final roadway paving. This work will not be paid for directly, but will be considered subsidiary to Item 465, "Manholes and Inlets."



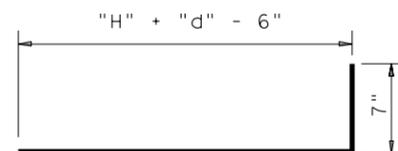
BARS A, B, C, H₁, H₂, H₃, H₄, V₂, & V₃



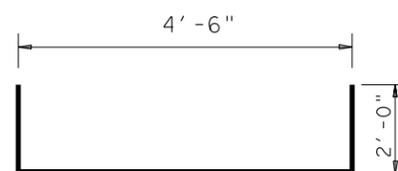
BARS W



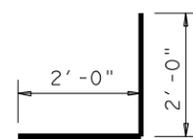
BARS S



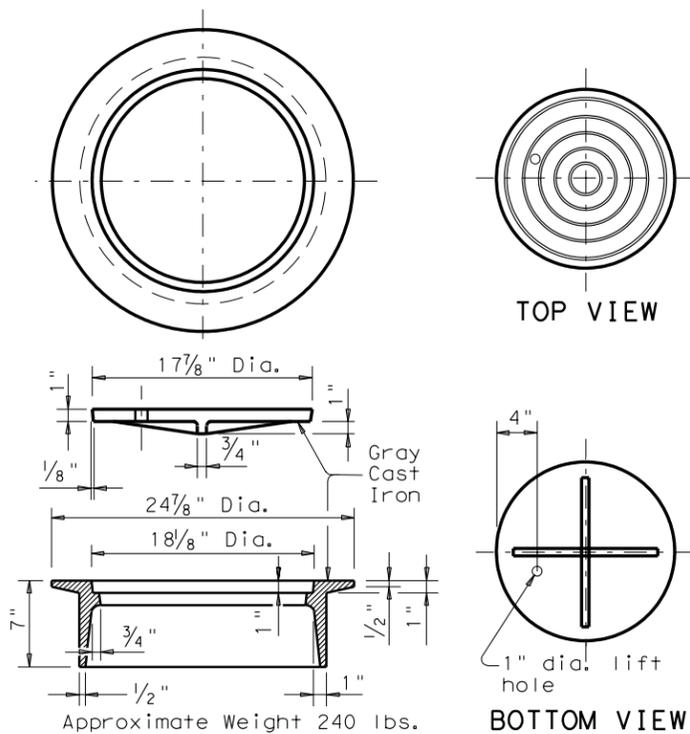
BARS V₁



BARS U



BARS L₁ & L₂



RING AND COVER DETAILS

CURB INLET DETAILS
TYPE IR & IIR
(FOR 36" DIA. RCP & SMALLER)
Austin District Standard

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