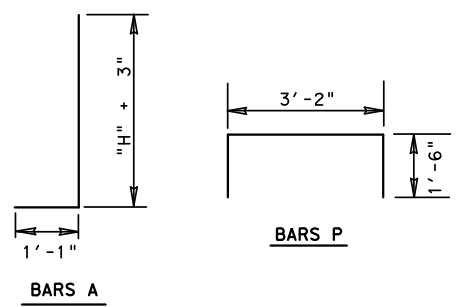


- NOTES :**
1. ALL CONCRETE SHALL BE CLASS "A". COARSE AGGREGATE GRADE "4" MAY BE USED.
 2. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTER OF BARS.
 3. THE STATION LOCATION AND OFFSET DISTANCE SHOWN IN THE PLANS IS TO THE CENTER OF THE INLET.
 4. PAYMENT FOR GRATES, CONC., REIN. & STRUCTURAL STEEL SHALL BE INCLUDED IN THE UNIT COST OF ITEM 465 "MANHOLES & INLETS".
 5. THE WORK FOR THE BLOCKOUT IN THE BOX CULVERT DECK FOR A PROP. CULVERT OR THE BREAKOUT OF THE DECK ON AN EXIST. CULVERT IS SUBSIDIARY TO THE INLET.
 6. THE GRATE INFORMATION IS SHOWN ON THE TY 3 & TY 4 GRATE STANDARD SHEET.
 7. RIPRAP BASIN AROUND THE INLET WHEN SHOWN IN THE PLANS IS PAID FOR UNDER ITEM 432.
 8. ALL EXPOSED CORNERS SHALL HAVE A 3/4" CHAMFER.
 9. IT IS THE RESPONSIBILITY OF THE ENGINEER TO ASSURE THAT THE STRUCTURE ON WHICH THIS INLET IS PLACED HAS ADEQUATE CAPACITY TO SUPPORT DESIGN LOADS AS PER AASHTO AND TxDOT DESIGN SPECIFICATIONS.

**DROP INLET TYPE Y-1A
SAN ANTONIO DISTRICT STANDARD**



REINFORCING STEEL CUT IN EXISTING STRUCTURE WILL BE BENT TO TIE INTO INLET A MINIMUM OF 1'-6" OR EQUAL TO THE INLET WALL HEIGHT. BENDING RADIUS WILL BE AS SHOWN IN ITEM 440 "REINFORCING STEEL".

REINFORCING STEEL AND ESTIMATED QUANTITIES (BASED ON H = 3'-0")												TOTAL			GRATE TYPE 3 EA.									
BARS A (DECK & WALLS)			BARS C (SIDE WALLS)			BARS D (END WALLS)			BARS E (SIDE WALLS)			BARS E1 (END WALLS)				BARS P			REINF. STL. LBS.	CL. A CONC. C.Y.	STRUCT. STL. LBS.			
NO.	SIZE	SPA.	NO.	SIZE	SPA.	NO.	SIZE	SPA.	NO.	SIZE	SPA.	NO.	SIZE	SPA.	NO.	SIZE	SPA.							
24	#4	12"	16	#4	13"	16	#4	13"	12	#4	18"	6	#4	18"	12	#4	18"	4	#4	SHOWN	220 *	1.35 *	97 *	1 *

QUANTITIES WILL VARY WITH "H".

*FOR CONTRACTOR'S INFORMATION ONLY

STRUCTURE DESIGN / BRIDGE/STDS/DROPINLET.A.DGN

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FED. RD. DIV. NO.	PROJECT NO.	SHEET NO.
6		
STATE	STATE DISTRICT	COUNTY
TEXAS	SAT	
CONT.	SECT.	JOB
		HIGHWAY NO.