

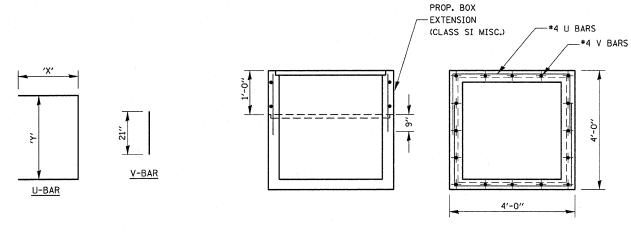
EXPANSION BOLTS SHALL CONSIST OF SELF DRILLING EXPANSION SHIELDS AND 3/4 " DIA. HOOKED BOLTS. HOOKED BOLTS SHALL EXTEND A MINIMUM OF 9" INTO NEW CONCRETE. BOLTS SHALL BE DRILLED IN THE CENTER OF THE EXISTING BOX CULVERT BARREL WALLS.

MINIMUM CERTIFIED PROOF LOAD = 4,080 LBS.

THE EXISTING STRUCTURE & PIPE CULVERT ARE TO BE CLEANED. THE COST OF THIS WORK IS TO BE INCLUDED IN THE PRICE PER CU. YD. FOR CLASS SI CONCRETE (MISCELLANEOUS).

J. Communication of the Commun									QUANTITIES ARE FOR END SECTION ONLY				
LOCATION	PIPE DIMENSION	PIPE AREA	EXTENSTION COLLAR		A-BAR	U-BAR		CLASS SI CONC. (MISC.)	REINFORCEMENT BARS	EXPANSION BOLTS 3/4 INCH	PIPE CULVERT CL. A TY. 1 24"		
			WIDTH	HEIGHT	305	′′X′′	′′Y′′						
	DIA. IN	SQ. FT.	IN.	IN.	IN.	IN.	IN.	CU. YD.	POUND	EACH	FOOT		
885+75 EB MED.	24	4.9	42	42	33	26	36	0.8	47	12	2		
914+75 EB MED.	24	4.9	42	42	33	26	36	0.8	47	12	2		
924+75 EB MED.	24	4.9	42	42	33	26	36	0.8	47	12	2		

COLLAR DETAIL (R.C.C.P. EXTENSION OF PRECAST END SECTION)



								QUANTITIES A	RE FOR ONE EXTENSION
LOCATION	EIXSTING BOX SIZE	BO> D	V-BAR	AR U-BAR		CLASS SI CONC. (MISC.)	REINFORCEMENT BARS		
		LENGTH	WIDTH	HEIGHT	305	''X''	"Y"		
	FT. x FT.	IN.	IN.	IN.	IN.	IN.	IN.	CU. YD.	POUND
892+80	4' × 4'	48	48	-12	21	36	42	0.3	45
883+25	4' × 4'	48	48	12	21	36	42	0.3	45
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THE EXISTING INLET BOXES ARE TO BE CLEANED AND THIS WORK WILL BE INCLUDED IN THE PRICE PER CU. YD. FOR CLASS SI CONCRETE (MISCELLANEOUS).

V-BARS SHALL EXTEND A MINIMUM OF 9" INTO EXISTING BOX SECTION. BARS TO BE DRILLED AND EPOXY GROUTED IN CENTER OF EXISTING BOX WALLS. ACCORDING TO SECTION 584 OF THE STANDARD SPECIFICATIONS. EXISTING GRATE TO BE REUSED.

FLUSH INLET BOX RECONSTRUCTION

FILE NAME =	USER NAME = corcoranim	DESIGNED -	REVISED -				F.A.I.	SECTION	COUNTY	TOTAL SHEET	
c:\pw_work\pwidot\corcoranlm\d0180581\d3	66AØ8-sht-details.DGN	DRAWN -	REVISED -	STATE OF ILLINOIS	MEDIAN CULVERT DETAILS				(50-5.6 & 32-1.2)RS-3	•	76 42
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					LASALLE & GRUNDY	CONTRAC	CT NO. 66A08
	PLOT DATE = Mar 11, 2010 - 02:16:22 PM	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA.	TO STA.	ILLINOIS FED. AID PROJECT		ID PROJECT	