



CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALER PER STANDARD SPECIFICATION 1055 TO THE FIRST 6" OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 1' X 6" DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT SHEET METAL GAGE 19 1.5' WIDE AND THE LENGTH OF THE OUTSIDE CIRCUMFERENCE OF THE PIPE PLUS 3" LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALER BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OZZES OUT FROM BETWEEN THE SHEET METAL OR GEOTEXTILE FABRIC CLASS B AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.

GENERAL NOTES:

1. WHEN THE CONNECTION LOCATION SHOWN ON THE PLANS IS WITHIN 2' OF AN EXISTING JOINT, GO TO THE EXISTING JOINT.
2. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE PIPE CULVERT. ALL DEBRIS WHICH ENTERS THE PIPE CULVERT MUST BE REMOVED. THE PIPE CULVERT SHALL BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.
3. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING PIPE CULVERT.

REVISIONS		CITY OF WHEATON MANCHESTER ROAD / WESLEY STREET OVER UNION PACIFIC RAILROAD
NAME	DATE	
		DRAINAGE DETAILS

VERT. SCALE: 1" = 10'  
 HORIZ. SCALE: 1" = 10'  
 DATE: 6/4/2008  
 DRAWN BY: PML  
 CHECKED BY: JLC