



PRESS-BOOT WATERTIGHT FLEXIBLE CONNECTOR MANUFACTURED BY PRESS SEAL GASKET CORPORATION OR APPROVED EQUAL MEETING REQUIREMENTS OF ASTM C-923 FOR RESILIENT CONNECTORS

### NOTES

#### DESCRIPTION

All catch basin and inlet connections shall be storm sewer pipe as specified on the plans

#### CONSTRUCTION METHODS

##### (a) Connection to Proposed Storm Sewer:

Where a storm sewer connection is to be made to a proposed storm sewer, a Y branch section or section with a factory - made opening of the proper diameter shall be installed in the receiving sewer at the junction where required or shown on the plans.

##### (b) Connection to Existing Sewer:

Where a storm sewer connection is to be made to an existing sewer at a location where no factory - made junction exists, a circular opening shall be made in the existing sewer of the same size as the internal diameter of the proposed storm sewer connection, See Details 1, 2, and 3 above.

If the existing sewer pipe is cracked, broken or otherwise injured by the Contractor in making this circular opening, the Contractor shall replace this section of pipe with a pipe equal and similar in all other respects to the pipe in the existing sewer in a careful workman like manner without extra compensation.

The connection between the existing sewer and the proposed sewer shall be made following methods allowed by MWRDGC Note #8 on the general notes sheet.

##### (c) General.

Care must be taken to prevent mud, sand, or other obstructing materials from entering the sewer. All such materials which get into the sewer must be removed, and the sewer left clean and unobstructed upon completion of the work.

Care must be taken to prevent any part of the new connecting pipe from projecting into the existing sewer.

The Contractor shall, when directed by the Engineer, construct riser pipes from the connection with the sewer to such a height as directed.

Where the proposed catch basin or inlet connection are constructed through existing catch basins or inlets, which have been abandoned, all that portion of the existing catch basin or inlet within six (6) inches of the proposed connection shall be removed.

#### BASIS OF PAYMENT:

All fitting such as elbows and curves shall be paid for at the contract unit price per foot for storm sewer measured in place.

The cost of making all junctions with existing or proposed sewers, manholes or catch basins shall be included in the contract unit price per foot for storm sewer.

No extra compensation will be allowed where it is necessary to increase the depth of catch basin or inlet connections because of existing underground structures.

NOTE: Construction as indicated on these details is to be used for sewers up to and including 27 inches diameter Vitrified Clay Sewer Pipe and / or 18 inch Concrete Sewer Pipe, for connections beyond these limitations see "Detail of Field Joint."

#### NOTES

- CLASS SI CONCRETE IS TO BE USED THROUGHOUT.
- THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT IS TO BE INCLUDED IN THE UNIT BID PRICE FOR THE PROPOSED 12" STORM SEWER LATERAL.
- FOR ELEVATIONS AND DIAMETER OF SEWERS SEE PLANS.
- IF BULKHEADS ARE PROVIDED FOR LATERAL SEWER OPENINGS, THEY SHALL BE REMOVED. IF NO LATERAL OPENINGS HAVE BEEN PROVIDED FOR, THE OPENINGS IN THE EXISTING TRUNK SEWER SHALL BE MADE IN THE FIELD AT THE LOCATIONS SHOWN ON THE PLANS.  
  
ANY STEEL REINFORCEMENT BARS LEFT IN PLACE AT THESE LATERAL OPENINGS OR FIELD OPENINGS, SHALL BE CUT AND BENT IN THE FIELD FOR USE AS DOWELS, AS SHOWN.
- ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.
- THE CONNECTION BETWEEN THE EXISTING AND PROPOSED SEWER SHALL BE MADE BY CORING AN 18" OPENING IN THE EXISTING 60" STORM SEWER, CONSTRUCTING A 12" 45 DEGREE RCP FITTING FOR A PERPENDICULAR CONNECTION, AND INSTALLING A PRESS-BOOT WATERTIGHT FLEXIBLE CONNECTOR MANUFACTURED BY PRESS SEAL GASKET CORPORATION OR APPROVED EQUAL AND MEETING REQUIREMENTS OF ASTM C-923 FOR RESILIENT CONNECTORS.

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	PLOT SCALE = 22,0000 Ft / IN.	DRAWN CEC	REVISED -			350	00-00243-00-CH	COOK	142	105	
	PLOT DATE = 6/3/2011	CHECKED DWB	REVISED -			CONTRACT NO. 63566					
		DATE 06/03/2011	REVISED -			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					
					SCALE: NOT TO SCALE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.			