

- OPTION A - PRESSURE CLASS SEWER MAIN**
- 1.) REPLACE EXISTING SEWER WITH A PRESSURE CLASS MAIN A MINIMUM OF 10' EACH SIDE OF THE WATER MAIN.

- OPTION B - WATER MAIN INSTALLATION**
- 1.) MID-POINT OF ONE FULL LENGTH OF WATER MAIN IS TO BE CENTERED ABOVE SEWER LINE.
 - 2.) PROVIDE ADEQUATE SUPPORT FOR THE WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT.

- NOTES:**
- 1.) FOLLOW TRENCH MATERIAL DETAIL WHEN BACK-FILLING WATER MAIN.
 - 2.) THE SELECTED OPTION MUST BE APPROVED BY AN IL-AWC REPRESENTATIVE.

**AMERICAN WATER STANDARD
CIVIL
WATER MAIN CROSSING OVER SEWER
DETAIL**

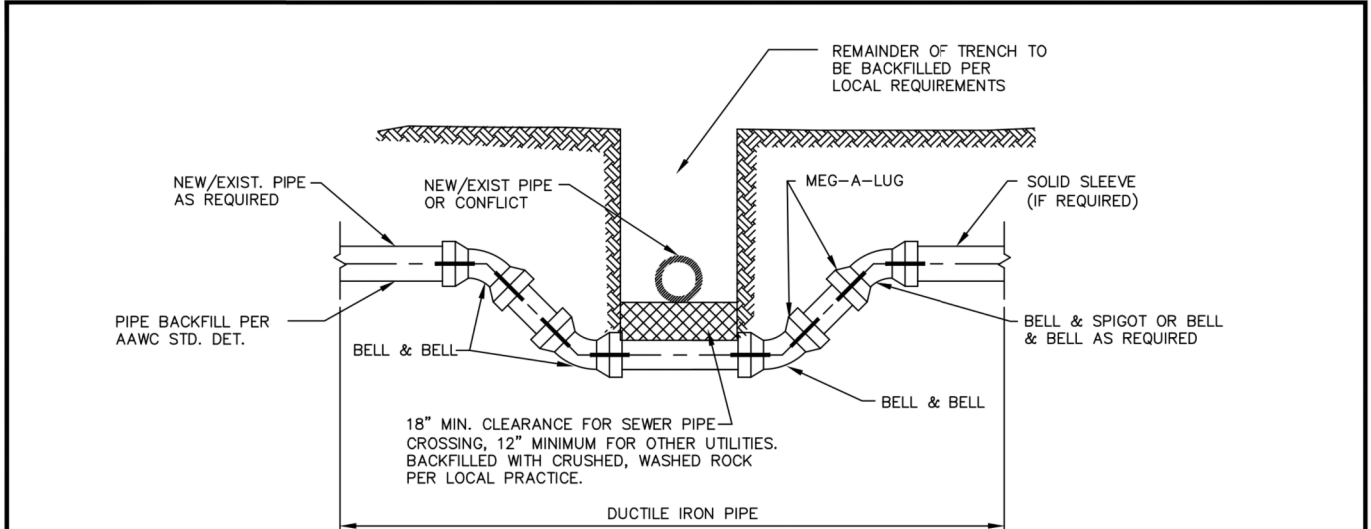
AMERICAN WATER
BELLEVILLE, IL 62223

AMERICAN WATER ENG. CENTER
100 NORTH WATER WORKS DR.
BELLEVILLE, IL 62223

DRAWN BY JWM PROJECT ENGR APPROVED DATE 01-05-01 PROJECT IP USE DIMENSIONS ONLY SCALE N.T.S.

USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES XXXX-XXXX-XXXX

SHT. 10A



- NOTES:**
1. ALL PIPE TO BE JOINT RESTRAINED.
 2. PIPE IS TO BE DUCTILE IRON, MINIMUM PRESSURE CLASS 350.
 3. ALL DUCTILE IRON PIPE SHALL BE POLYETHYLENE WRAPPED FOR THE ENTIRE LENGTH.
 4. BEGIN/END RESTRAINED JOINT STATIONING TO BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. ALL BENDS & FITTINGS SHALL HAVE STATIONING AND ELEVATION SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. THE BOTTOM ELEVATION OF THE CONFLICT AND THE TOP ELEVATION OF THE DUCTILE IRON PIPE AT THE CENTERLINE OF THE CONFLICT SHALL BE SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.
 5. SEPARATION REQUIREMENTS SHALL BE FOLLOWED WITH REGARD TO CONFLICT PIPE.

LEGEND:

— — — — — RESTRAINED JOINT

REVISIONS 06-22-09 ADDED NOTE 5.	AMERICAN WATER STANDARD CIVIL VERTICAL REALIGNMENT OF WATER MAINS DETAIL
	AMERICAN WATER VOORHEES, NJ 08043
AMERICAN WATER ENGINEERING 3806 CHURCH ROAD MOUNT LAUREL, NJ 08054	AMERICAN WATER
DRAWN BY RJB PROJECT ENGR APPROVED	DATE 06-05-08 PROJECT IP USE DIMENSIONS ONLY SCALE N.T.S.
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FOR COMMENTS	SHT. 9

MAURER-STUTZ
ENGINEERS SURVEYORS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALLEN ROAD IMPROVEMENTS WATER MAIN RELOCATION - DETAIL SHEETS			
SCALE:	SHEET 14 OF 17 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6584	105; (72-7HB)BY	PEORIA	487	368
6585			CONTRACT NO. 68683	
ILLINOIS FED. AID PROJECT				