

# Special Specification 7271

## Water & Wastewater Main Replacements and Adjustments



### 1. DESCRIPTION

Furnish and install all materials, equipment, and labor listed in the "Special Specifications for Water & Wastewater Main Replacements and Adjustments", DWU Contract No. 21-239/000F in Dallas, Texas, herein known as the DOCUMENT and all materials shown on the plans or as directed.

A paper copy of the DOCUMENT can be obtained at the Dallas Water Utilities Department, 2121 Main St #500, Dallas, Texas 75201, telephone (214) 948-4556. The DOCUMENT is also in the plan set

### 2. MATERIALS

Install piping systems using the materials designated on the plans and in details shown for each system. Furnish materials designated in conformance with all material requirements of the plan set

### 3. CONSTRUCTION METHODS

Perform work in a manner consistent with the Dallas Water Utilities Standard Technical Specifications Section C - Water Utilities Special Provisions, Bid Items, Specifications and Part T - Technical Specifications. The following Specifications, Addendums and Standards are also necessary to perform the work.

- 3.1. The General Specifications (Standard Specifications for Public Works Construction - North Central Texas Council of Governments (NCTCOG) - Fourth Edition – 2004). A copy can be obtained at the North Central Texas Council of Governments, 616 Six Flags Drive, Arlington, Texas 76011, telephone (817) 640-3300.
- 3.2. City of Dallas Addendum to the Public Works Construction - North Central Texas Council of Governments - Fourth Edition - 2004, Latest Edition can be obtained at  
[https://dallascityhall.com/departments/waterutilities/DCH%20Documents/pdf/2011-COD\\_NCTCOG\\_addendum.pdf](https://dallascityhall.com/departments/waterutilities/DCH%20Documents/pdf/2011-COD_NCTCOG_addendum.pdf)
- 3.3. Part "T" Technical Specifications will reference a copy of the Dallas Water Utilities Standard Technical Specifications for Water and Wastewater Construction; Latest Edition can be obtained at  
[https://dallascityhall.com/departments/waterutilities/DCH%20Documents/pdf/DWU-PRO-022-ENG\\_DWUStandardTechnicalSpecificationsForWaterAndWastewaterConstruction.pdf](https://dallascityhall.com/departments/waterutilities/DCH%20Documents/pdf/DWU-PRO-022-ENG_DWUStandardTechnicalSpecificationsForWaterAndWastewaterConstruction.pdf)
- 3.4. DWU Water Utilities Standard Drawings, Latest Edition can be obtained at  
[https://dallascityhall.com/departments/waterutilities/DCH%20Documents/pdf/DWU-PRO-019-ENG\\_DWUStandardDrawingsForWaterAndWastewaterConstruction.pdf](https://dallascityhall.com/departments/waterutilities/DCH%20Documents/pdf/DWU-PRO-019-ENG_DWUStandardDrawingsForWaterAndWastewaterConstruction.pdf)
- 3.5. Occupational Safety and Health Standards - Excavations, 29 CFR Part 1926; effective January 2, 1990, (or Latest Edition).
- 3.6. A revised copy with Ordinance 29993 attached amending the Department of Public Works and Transportation Pavement Cut and Repair Standards Manual may be purchased from the Office of the

Director of Public Works and Transportation, Public Works and Transportation Department, 320 E. Jefferson Boulevard, Room 307, Dallas, Texas 75203, or can be obtained at

[https://dallascityhall.com/departments/public-works/DCH%20Documents/Public%20Works/pdf/PavementCutRepair\\_StandardsManual.pdf](https://dallascityhall.com/departments/public-works/DCH%20Documents/Public%20Works/pdf/PavementCutRepair_StandardsManual.pdf)

- 3.7. A copy of the Department of Public Works and Transportation Standard Construction Details 251D; September 2002, or latest edition, can be obtained at

[https://dallascityhall.com/departments/public-works/DCH%20Documents/Public%20Works/pdf/standards\\_251D-1\\_signatures.pdf](https://dallascityhall.com/departments/public-works/DCH%20Documents/Public%20Works/pdf/standards_251D-1_signatures.pdf)

#### 4. MEASUREMENT

This Item will be measured in accordance to Table 1 and as detailed in the Document for the following:

Department Bid Codes	DWU NUM.	ITEM DESCRIPTION	UNITS
7271-xxxx	5520L	Hwy Crossing 12" Water Main (Open Cut)	LF
7271-xxxx	5520V	Hwy Crossing 24" Water Main (Open Cut)	LF
7271-xxxx	6925	Trench Safety & Support	LF
7271-xxxx	7043	Four "F" Flowable Backfill	CY
7271-xxxx	7071	Class B Concrete	CY

#### 5. PAYMENT

The work performed with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for the various items of work. These prices will be full compensation for furnishing all labor, tools, equipment, and incidentals necessary to satisfactorily complete the work prescribed in the Document and as detailed on the plans or as directed.

Miscellaneous ductile iron fittings required to complete the work will not be paid for directly but will be subsidiary to this Item unless otherwise shown on the plans. Water line sterilization and testing of the completed water main system will not be paid for directly but will be subsidiary to this Item unless otherwise shown on the plans or as directed.