

Special Specification 7240

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. 20-113/114F, in Dallas, Texas, herein known as the Document and all materials shown on the plans.

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 (CSJ: 0047-07-228, Etc.).

2. MATERIALS

Install piping systems using the materials designated on the plans and in details shown for each particular system. Furnish materials so designated in accordance with all material requirements of the attached document.

3. CONSTRUCTION METHODS

Perform work in a manner consistent with the document (Section C - Water Utilities Special Provisions, Bid Items, Specifications and Part T - Technical Specifications; and the following Specifications, Addendums and Standards) necessary to perform the work.

- 3.1 The General Specifications (Standard Specifications for Public Works Construction - North Central Texas Council of Governments - Fourth Edition - 2004.) A copy of the Standard Specifications for Public Works Construction may be obtained from 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 - A copy of the City Dallas ADDENDUM to the NCTCOG General Specifications can be obtained at:
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 DWU 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

- 3.4 DWU Water Utilities Standard Drawings, Latest Edition - A copy of the City of Dallas Standard Drawings can be obtained at:
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
- 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

4. MEASUREMENT

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

Table1
DWU Items

TxDOT NUM.	DWU NUM.	ITEM DESCRIPTION	UNITS
6001	1800H	6" PVC Water Pipe	LF
6002	1800J	8" PVC Water Pipe	LF
6003	3110J	8" PVC Pressure Rated Wastewater Pipe	LF
6004	5020	Extra Iron Fittings	TN
6005	5050	Water Service	EA
6006	5091	Install Fire Hydrant	EA
6007	5092	Remove Existing Fire Hydrant	EA
6008	5093	Deliver Existing Fire Hydrant	EA
6009	5100H	6" Gate Valve	EA
6010	5100J	8" Gate Valve	EA
6011	5560J	8" Water Main Crossing (By Open Cut)	LF
6012	5610	Cut and Plug Water Main for Test	EA
6013	5770J	Standard 8" Water Main Lowering	EA
6014	6060	Wastewater Lateral	EA
6015	6130AE	48" Wastewater Manhole	EA
6016	6141	Vacuum Test for WW Manhole	EA
6017	6902	Placement of Block Sod	SY
6018	6921	Television Inspection	LF
6019	6925	Trench Safety and Support	LF
6020	7030	Rock Foundation	CY
6021	7041	Flowable Backfill	CY
6022	7050	Sand Backfill	CY

6023	7052	Cement Treated Base Backfill	CY
6024	7071	Class "B" Concrete	CY
6025	7520	Temporary Paving (Hot Mix or High Performance	TN
6026	7530	Concrete Curb and/or Gutter	LF
6027	7560	Crushed Rock for Temporary Paving Base	CY
6028	7582	Reinforced Concrete Pavement	SY
6029	7730	Disposal of Heavily Chlorinated Water	LS
6030	8100	Mobilization for Water and Wastewater Mains	LS
6031	20300	Adjust/Relocate Water Meter Box	EA
6032	20330	Adjustment of Water Valves Covers and Valves	EA
6033	20340	Adjustment of Wastewater Lateral Cleanout	EA
6034	20360	Adjustment of Wastewater Manhole	EA
6035	20500	Investigation	EA
6036	1800L	12" PVC Water Pipe	LF
6037	5100L	12" Gate Valve	EA
6038	5560L	12" Water Main Crossing (By Open Cut)	LF
6039	5770L	Standard 12" Water Main Lowering	EA
6040	7540	Concrete Curb	LF

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.

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.