

# Special Specification 7134

## Water and Wastewater Main Relocations and Routine Appurtenance Adjustments



### 1. DESCRIPTION

Furnish and install all materials, equipment, and labor listed in the "SPECIFICATIONS FOR WATER AND WASTEWATER MAIN REPLACEMENTS AND WATER AND WASTEWATER MAIN ADJUSTMENTS IN I-35 EAST (STEMMONS FREEWAY) FROM I-30 TO OAK LAWN AVENUE, CONTRACT NO. 17-267F/17-268F, WATER UTILITIES DEPARTMENT CITY OF DALLAS, TEXAS" herein known as the Document and all materials shown on the plans.

An electronic copy of the Document is available at <ftp://ftp.dallascityhall.com/>, listed under the "17-000/268F" at no charge. A paper copy of the Document can be obtained at the Dallas Water Utilities Department, 2121 Main St. #500, Dallas, Texas 75201, and Telephone (214) 948-4556.

### 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

Perform work in a manner consistent with the Document 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, Telephone (817) 640-3300.
- 3.2. City of Dallas ADDENDUM to the Public Works Construction Standards – North Central Texas Council of Governments – Fourth Edition–2004, Latest Edition – A copy of the City of Dallas ADDENDUM to the NCTCOG General Specifications can be obtained at [http://dallascityhall.com/departments/waterutilities/Pages/dwu\\_design\\_standards.aspx](http://dallascityhall.com/departments/waterutilities/Pages/dwu_design_standards.aspx) .
- 3.3. Part "T" Technical Specifications (where this part is required). A copy of the DWU Standard Technical Specifications for Water and Wastewater Construction, Latest Edition can be obtained at [http://dallascityhall.com/departments/waterutilities/Pages/dwu\\_design\\_standards.aspx](http://dallascityhall.com/departments/waterutilities/Pages/dwu_design_standards.aspx) .
- 3.4. Dallas Water Utilities Standard Drawings, Latest Edition – A copy of the City of Dallas Standard Drawings can be obtained at [http://dallascityhall.com/departments/waterutilities/Pages/dwu\\_design\\_standards.aspx](http://dallascityhall.com/departments/waterutilities/Pages/dwu_design_standards.aspx) .
- 3.5. Occupational Safety and Health Standards - Excavations, 29 CFR Part 1926; 2015 (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 Department, 320 E. Jefferson Boulevard, Room 102, Dallas, Texas 75203

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

#### 4. MEASUREMENT

This Item will be measured as follows and as explicitly detailed in the Document:

Table1  
Pay Items

Description Code	Description	Unit
6001	CUT AND PLUG WATER MAIN FOR TEST	EA
6002	INSTALL FIRE HYDRANT	EA
6003	REMOVE EXISTING FIRE HYDRANT	EA
6004	DELIVER FIRE HYDRANT	EA
6005	VACUUM TEST FOR WASTEWATER MANHOLE	EA
6006	TELEVISION INSPECTION (2X)	LF
6007	TRENCH EXCAVATION SAFETY & SUPPORT	LF
6008	ROCK FOUNDATION	CY
6009	FLOWABLE BACKFILL	CY
6010	SAND BACKFILL	CY
6011	CONSTRUCTION SURVEYING & STAKING (WATER & WW MAINS)	LF
6012	INVESTIGATION	EA
6013	ADJUSTMENT OF WASTEWATER MANHOLES	EA
6014	CONNECTION TO EXISTING MANHOLE	EA
6015	48" PVC SDR 35 WW PIPE	LF
6016	54" REINFORCED CONCRETE WW PIPE	LF
6017	72" DIAMETER DROP CONNECTION MANHOLE - EXTRA DEPTH (+20')	EA
6018	66" CASING FOR 48" WW MAIN CROSSING (BOTOC)	LF
6019	72" DIAMETER WASTEWATER MANHOLE	EA
6020	72" DIAMETER WASTEWATER MANHOLE - EXTRA DEPTH (+20')	EA
6021	ABANDON EXISTING MH	EA
6022	SPECIAL MANHOLE #1 EXTRA DEPTH (+20')	EA
6023	SPECIAL MANHOLE #2 EXTRA DEPTH (+20')	EA
6024	SPECIAL MANHOLE #3 EXTRA DEPTH (+20')	EA
6025	EXTRA IRON FITTINGS	TN
6026	6" PVC WATER PIPE	LF
6027	8" PVC WATER PIPE	LF
6028	6" GATE VALVE	EA
6029	ADJUSTMENT OF WATER VALVE COVERS AND VALVE STACKS	EA
6030	INSTALL FIRE HYDRANT EXTENSION	EA
6031	REMOVE FIRE HYDRANT EXTENSION	EA
6032	CLASS "B" CONCRETE	CY
6033	DISPOSAL OF HEAVILY CHLORINATED WATER MAIN FLUSHING WATER	LS

#### 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 shall 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.