

# Special Specification 7235

## Water and Sewer Line Construction and Adjustments



### 1. DESCRIPTION

Furnish labor, materials, and equipment necessary to provide a complete water line and sewer line construction and adjustments in accordance with the standards, plans, and specifications.

### 2. MATERIALS

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

### 3. CONSTRUCTION

Perform work in a manner consistent with details and instructions provided on the plans and this Specification necessary to perform the work.

### 4. MEASUREMENT

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

Table1  
Pay Items

Description Code	Description	Unit
7235 6001	MOBILIZATION	LS
7235 6002	TRAFFIC CONTROL	LS
7235 6003	EROSN & SEDMT CONT	LS
7235 6004	CONCRETE PAVEMENT	SY
7235 6005	REM & DISPOSE OF 8" DIA WTR LINE	LF
7235 6006	REM & DISPOSE OF 18" DIA WTR LINE	LF
7235 6007	ABND WTR LINE & FILL W/ FLOWABLE MORTAR	LF
7235 6008	REM & DISPOSE 24" WTR LINE	LF
7235 6009	REM & DISPOSE 24" WTR LINE W/ 36" STL	LF
7235 6010	REM & DISPOSE 30" WTR LINE	LF
7235 6011	REM & DISPOSE 36" WTR LINE	LF
7235 6012	REM & DISPOSE 6" SAN FORCE MAIN	LF
7235 6013	WTR(18")(OPEN CUT)	LF
7235 6014	WTR(24")(OPEN CUT)	LF
7235 6015	WTR(30")(OPEN CUT)	LF
7235 6016	WTR(36")(OPEN CUT)	LF
7235 6017	WTR(18")(30" STL CASE)(OPEN CUT)	LF
7235 6018	WTR(36")(48" STL CASE)(OPEN CUT)	LF
7235 6019	WTR(18")(30" STL CASE)(JACK,BOR OR TNL)	LF
7235 6020	WTR(30")(42" STL CASE)(JACK,BOR OR TNL)	LF
7235 6021	CASING (STEEL)(30 IN)(OPEN CUT)	LF
7235 6022	CASING (STEEL)(42 IN)(OPEN CUT)	LF
7235 6023	CASING (STEEL)(48 IN)(OPEN CUT)	LF
7235 6024	BUTTERFLY VALVE & BOX (RELOC)(18")	EA

7235	6025	BUTTERFLY VALVE & BOX (RELOC)(36")	EA
7235	6026	BUTTERFLY VALVE & BOX (COMPL)(18")	EA
7235	6027	BUTTERFLY VALVE & BOX (COMPL)(24")	EA
7235	6028	FIRE HYDRANT (COMPL)	EA
7235	6029	WTR FITTING (BEND)(18")(45 DEG)(RJ)	EA
7235	6030	WTR FITTING (BEND)(24")(45 DEG)(RJ)	EA
7235	6031	WTR FITTING (BEND)(30")(22.5 DEG)(RJ)	EA
7235	6032	WTR FITTING (BEND)(30")(45 DEG)(RJ)	EA
7235	6033	WTR FITTING (BEND)(36")(45 DEG)(RJ)	EA
7235	6034	WTR FITTING (TEE)(18"X 6")(RJ)	EA
7235	6035	WTR FITTING (TEE)(18"X18")(RJ)	EA
7235	6036	WTR FITTING (TEE)(36"X30")(RJ)	EA
7235	6037	WTR FITTING (TEE)(30"X30")(RJ)	EA
7235	6038	CUT AND PLUG WATER MAIN ( 8")	EA
7235	6039	CUT AND PLUG WATER MAIN (18")	EA
7235	6040	WTR FITTING (REDUCER)(30" X18")(RJ)	EA
7235	6041	WTR FITTING (REDUCER)(30" X24")(RJ)	EA
7235	6042	TIE-INTO EXIST WTR LINE AFTER TESTING	EA
7235	6043	SAN SEWER (FM)( 6")	LF
7235	6044	WTR( 8")(OPEN CUT)	LF
7235	6045	WTR(12")(OPEN CUT)	LF
7235	6046	WTR(16")(OPEN CUT)	LF
7235	6047	REM & DISPOSE OF 12" DIA WTR LINE	LF
7235	6048	REM & DISPOSE OF 16" DIA WTR LINE	LF
7235	6049	ADJUST EXISTING MANHOLE	EA
7235	6050	CASING (STEEL)(16 IN)(OPEN CUT)	LF
7235	6051	CASING (STEEL)(24 IN)(OPEN CUT)	LF
7235	6052	CUT AND PLUG WATER MAIN (12")	EA
7235	6053	CUT AND PLUG WATER MAIN (16")	EA
7235	6054	WET CONNECTION ( 8IN)	EA
7235	6055	WET CONNECTION (12IN)	EA
7235	6056	WET CONNECTION (16IN)	EA
7235	6057	REMOVE AND RELOCATE FIRE HYDRANT	EA
7235	6058	VALVE(GATE)( 6IN)	EA
7235	6059	VALVE(GATE)( 8IN)	EA
7235	6060	VALVE(GATE)(12IN)	EA
7235	6061	VALVE(GATE)(16IN)	EA
7235	6062	WTR FITTING (BEND)( 8")(22.5 DEG)(RJ)	EA
7235	6063	WTR FITTING (BEND)( 8")(45 DEG)(RJ)	EA
7235	6064	WTR FITTING (BEND)(12")(11.25 DEG)(RJ)	EA
7235	6065	WTR FITTING (BEND)(12")(22.5 DEG)(RJ)	EA
7235	6066	WTR FITTING (BEND)(12")(45 DEG)(RJ)	EA
7235	6067	WTR FITTING (BEND)(16")(22.5 DEG)(RJ)	EA
7235	6068	WTR FITTING (TEE)(12"X 8")(RJ)	EA
7235	6069	WTR FITTING (TEE)(16"X 6")(RJ)	EA
7235	6070	CEM STABIL BKFL	CY
7235	6071	TRENCH EXCAVATION PROTECTION	LF
7235	6072	WTR (30") (JACK, BOR OR TNL)	LF
7235	6073	WTR FITTING (TEE) (24" X 24") (RJ)	EA
7235	6074	WTR FITTING (REDUCER) (24" X 8") (RJ)	EA

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5. **PAYMENT**

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