

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-01.01	4IN DIP RESTRAINED JOINT WATER LINE	L.F.	4IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.02	4IN DIP SLIP JOINT WATER LINE	L.F.	4IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.03	6IN DIP RESTRAINED JOINT WATER LINE	L.F.	6IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.04	6IN DIP SLIP JOINT WATER LINE	L.F.	6IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.05	8IN DIP RESTRAINED JOINT WATER LINE	L.F.	8IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.06	8IN DIP SLIP JOINT WATER LINE	L.F.	8IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.07	10IN DIP RESTRAINED JOINT WATER LINE	L.F.	10IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.08	10IN DIP SLIP JOINT WATER LINE	L.F.	10IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.09	12IN DIP RESTRAINED JOINT WATER LINE	L.F.	12IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.10	12IN DIP SLIP JOINT WATER LINE	L.F.	12IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.11	14IN DIP RESTRAINED JOINT WATER LINE	L.F.	14IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.12	14IN DIP SLIP JOINT WATER LINE	L.F.	14IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.13	16IN DIP RESTRAINED JOINT WATER LINE	L.F.	16IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.14	16IN DIP SLIP JOINT WATER LINE	L.F.	16IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.15	18IN DIP RESTRAINED JOINT WATER LINE	L.F.	18IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.16	18IN DIP SLIP JOINT WATER LINE	L.F.	18IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.17	20IN DIP RESTRAINED JOINT WATER LINE	L.F.	20IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.18	20IN DIP SLIP JOINT WATER LINE	L.F.	20IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.19	24IN DIP RESTRAINED JOINT WATER LINE	L.F.	24IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.20	24IN DIP SLIP JOINT WATER LINE	L.F.	24IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.21	30IN DIP RESTRAINED JOINT WATER LINE	L.F.	30IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.22	30IN DIP SLIP JOINT WATER LINE	L.F.	30IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.23	36IN DIP RESTRAINED JOINT WATER LINE	L.F.	36IN DUCTILE IRON PIPE RESTRAINED JOINT WATER LINE	1
795-01.24	36IN DIP SLIP JOINT WATER LINE	L.F.	36IN DUCTILE IRON PIPE SLIP JOINT WATER LINE	1
795-01.26	2IN DIP SLIP JOINT WATER LINE	L.F.	2IN DIP SLIP JOINT WATER LINE	1
795-01.27	3IN DIP SLIP JOINT WATER LINE	L.F.	3IN DIP SLIP JOINT WATER LINE	1
795-01.31	3IN DIP RESTRAINED JOINT WATER LINE	L.F.	3IN DIP RESTRAINED JOINT WATER LINE	1
795-01.99	12IN DIP SLIP JOINT W/GEOTECH FABRIC STONE	L.F.	12IN DIP SLIP JOINT W/GEOTECH FABRIC STONE	1
795-02.01	2IN HDPE WATER LINE	L.F.	2IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.02	3IN HDPE WATER LINE	L.F.	3IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.03	4IN HDPE WATER LINE	L.F.	4IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.04	6IN HDPE WATER LINE	L.F.	6IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.05	8IN HDPE WATER LINE	L.F.	8IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.06	10IN HDPE WATER LINE	L.F.	10IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.07	12IN HDPE WATER LINE	L.F.	12IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.08	14IN HDPE WATER LINE	L.F.	14IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.09	16IN HDPE WATER LINE	L.F.	16IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.10	18IN HDPE WATER LINE	L.F.	18IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.11	20IN HDPE WATER LINE	L.F.	20IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.12	24IN HDPE WATER LINE	L.F.	24IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.13	30IN HDPE WATER LINE	L.F.	30IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.14	36IN HDPE WATER LINE	L.F.	36IN HIGH-DENSITY POLYETHYLENE WATER LINE	1
795-02.34	8IN HDPE WATER LINE (HDD)	L.F.	8IN HDPE WATER LINE (HDD)	
795-02.35	10IN HDPE WATER LINE (HDD)	L.F.	10IN HDPE WATER LINE (HDD)	
795-03.01	1-1/2IN PVC WATER LINE	L.F.	1-1/2IN POLYVINYL CHLORIDE WATER LINE	1
795-03.02	2IN PVC WATER LINE	L.F.	2IN POLYVINYL CHLORIDE WATER LINE	1
795-03.03	3IN PVC WATER LINE	L.F.	3IN POLYVINYL CHLORIDE WATER LINE	1
795-03.04	4IN PVC WATER LINE	L.F.	4IN POLYVINYL CHLORIDE WATER LINE	1
795-03.05	6IN PVC WATER LINE	L.F.	6IN POLYVINYL CHLORIDE WATER LINE	1
795-03.06	8IN PVC WATER LINE	L.F.	8IN POLYVINYL CHLORIDE WATER LINE	1
795-03.07	10IN PVC WATER LINE	L.F.	10IN POLYVINYL CHLORIDE WATER LINE	1

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795-03.08	12IN PVC WATER LINE	L.F.	12IN POLYVINYL CHLORIDE WATER LINE	1
795-03.09	14IN PVC WATER LINE	L.F.	14IN POLYVINYL CHLORIDE WATER LINE	1
795-03.10	16IN PVC WATER LINE	L.F.	16IN POLYVINYL CHLORIDE WATER LINE	1
795-03.11	18IN PVC WATER LINE	L.F.	18IN POLYVINYL CHLORIDE WATER LINE	1
795-03.12	20IN PVC WATER LINE	L.F.	20IN POLYVINYL CHLORIDE WATER LINE	1
795-03.13	24IN PVC WATER LINE	L.F.	24IN POLYVINYL CHLORIDE WATER LINE	1
795-03.14	30IN PVC WATER LINE	L.F.	30IN POLYVINYL CHLORIDE WATER LINE	1
795-03.15	36IN PVC WATER LINE	L.F.	36IN POLYVINYL CHLORIDE WATER LINE	1
795-03.32	3IN C900 PVC WATER LINE	L.F.	3IN C900 PVC WATER LINE	1
795-03.33	4IN C900 PVC WATER LINE	L.F.	4IN C900 PVC WATER LINE	1
795-03.34	6IN C900 PVC WATER LINE	L.F.	6IN C900 PVC WATER LINE	1
795-03.35	8IN C900 PVC WATER LINE	L.F.	8IN C900 PVC WATER LINE	1
795-03.36	10IN C900 PVC WATER LINE	L.F.	10IN C900 PVC WATER LINE	1
795-03.37	12IN C900 PVC WATER LINE	L.F.	12IN C900 PVC WATER LINE	1
795-03.51	6IN C900 PVC RESTRAINED JOINT WATER LINE	L.F.	6IN C900 PVC RESTRAINED JOINT WATER LINE	1
795-03.52	8IN C900 PVC RESTRAINED JOINT WATER LINE	L.F.	8IN C900 PVC RESTRAINED JOINT WATER LINE	1
795-03.53	10IN C900 PVC RESTRAINED JOINT WATER LINE	L.F.	10IN C900 PVC RESTRAINED JOINT WATER LINE	1
795-03.54	12IN C900 PVC RESTRAINED JOINT WATER LINE	L.F.	12IN C900 PVC RESTRAINED JOINT WATER LINE	1
795-04.01	4IN FPVC WATER LINE	L.F.	4IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.02	6IN FPVC WATER LINE	L.F.	6IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.03	8IN FPVC WATER LINE	L.F.	8IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.04	10IN FPVC WATER LINE	L.F.	10IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.05	12IN FPVC WATER LINE	L.F.	12IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.06	14IN FPVC WATER LINE	L.F.	14IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.07	16IN FPVC WATER LINE	L.F.	16IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.08	18IN FPVC WATER LINE	L.F.	18IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.09	20IN FPVC WATER LINE	L.F.	20IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.10	24IN FPVC WATER LINE	L.F.	24IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.11	30IN FPVC WATER LINE	L.F.	30IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-04.12	36IN FPVC WATER LINE	L.F.	36IN FUSIBLE POLYVINYL CHLORIDE WATER LINE	1
795-05.01	HDD 2IN HDPE CARRIER PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 2IN HDPE CARRIER PIPE IN UNCONSOLIDATED	2
795-05.02	HDD 4IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 4IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.03	HDD 6IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 6IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.04	HDD 8IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 8IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.05	HDD 10IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 10IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.06	HDD 12IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 12N HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.07	HDD 14IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 14IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.08	HDD 16IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 16IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.09	HDD 18IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 18IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.10	HDD 20IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 20IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.11	HDD 24IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 24IN HDPE CASING PIPE IN UNCONSOLIDATED	2

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795-05.12	HDD 30IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 30IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.13	HDD 36IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 36IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.14	HDD __IN HDPE CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING __IN HDPE CASING PIPE IN UNCONSOLIDATED	2
795-05.15	HDD 2IN HDPE CARRIER PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 2IN HDPE CARRIER PIPE IN ROCK	2
795-05.16	HDD 4IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 4IN HDPE CASING PIPE IN ROCK	2
795-05.17	HDD 6IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 6IN HDPE CASING PIPE IN ROCK	2
795-05.18	HDD 8IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 8IN HDPE CASING PIPE IN ROCK	2
795-05.19	HDD 10IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 10IN HDPE CASING PIPE IN ROCK	2
795-05.20	HDD 12IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 12N HDPE CASING PIPE IN ROCK	2
795-05.21	HDD 14IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 14IN HDPE CASING PIPE IN ROCK	2
795-05.22	HDD 16IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 16IN HDPE CASING PIPE IN ROCK	2
795-05.23	HDD 18IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 18IN HDPE CASING PIPE IN ROCK	2
795-05.24	HDD 20IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 20IN HDPE CASING PIPE IN ROCK	2
795-05.25	HDD 24IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 24IN HDPE CASING PIPE IN ROCK	2
795-05.26	HDD 30IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 30IN HDPE CASING PIPE IN ROCK	2
795-05.27	HDD 36IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 36IN HDPE CASING PIPE IN ROCK	2
795-05.28	HDD __IN HDPE CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING __IN HDPE CASING PIPE IN ROCK	2
795-05.29	HDD 4IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 4IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.30	HDD 6IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 6IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.31	HDD 6IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 6IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.32	HDD 8IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 8IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.33	HDD 10IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 10IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.34	HDD 12IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 12N FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.35	HDD 14IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 14IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.36	HDD 16IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 16IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.37	HDD 18IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 18IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.38	HDD 20IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 20IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.39	HDD 24IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 24IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.40	HDD 30IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 30IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.41	HDD 36IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING 36IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.42	HDD __IN FPVC CASING PIPE-UNCON	L.F.	HORIZONTAL DIRECTIONAL DRILLING __IN FPVC CASING PIPE IN UNCONSOLIDATED	2
795-05.43	HDD 4IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 4IN FPVC CASING PIPE IN ROCK	2
795-05.44	HDD 6IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 6IN FPVC CASING PIPE IN ROCK	2
795-05.45	HDD 8IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 8IN FPVC CASING PIPE IN ROCK	2
795-05.46	HDD 10IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 10IN FPVC CASING PIPE IN ROCK	2

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795-05.47	HDD 12IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 12N FPVC CASING PIPE IN ROCK	2
795-05.48	HDD 14IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 14IN FPVC CASING PIPE IN ROCK	2
795-05.49	HDD 16IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 16IN FPVC CASING PIPE IN ROCK	2
795-05.50	HDD 18IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 18IN FPVC CASING PIPE IN ROCK	2
795-05.51	HDD 20IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 20IN FPVC CASING PIPE IN ROCK	2
795-05.52	HDD 24IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 24IN FPVC CASING PIPE IN ROCK	2
795-05.53	HDD 30IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 30IN FPVC CASING PIPE IN ROCK	2
795-05.54	HDD 36IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING 36IN FPVC CASING PIPE IN ROCK	2
795-05.55	HDD ___ IN FPVC CASING PIPE-ROCK	L.F.	HORIZONTAL DIRECTIONAL DRILLING ___ IN FPVC CASING PIPE IN ROCK	2
795-05.60	BORE/JACK 6IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 6INCH STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.61	BORE/JACK 8IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 8IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.62	BORE/JACK 10IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 10IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.63	BORE/JACK 12IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 12IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.64	BORE/JACK 14IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 14IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.65	BORE/JACK 16IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 16IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.66	BORE/JACK 18IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 18IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.67	BORE/JACK 20IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 20IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.68	BORE/JACK 24IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 24IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.69	BORE/JACK 30IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 30IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.70	BORE/JACK 36IN STEEL CASING PIPE-UNCON.	L.F.	BORE AND JACK 36IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.71	BORE/JACK ___ IN STEEL CASING PIPE-UNCON	L.F.	BORE AND JACK STEEL CASING PIPE IN UNCONSOLIDATED (SPECIFY SIZE)	10
795-05.72	BORE/JACK ___ IN STEEL CASING PIPE-UNCON	L.F.	BORE AND JACK STEEL CASING PIPE IN UNCONSOLIDATED (SPECIFY SIZE)	10
795-05.73	BORE/JACK ___ IN STEEL CASING PIPE-UNCON	L.F.	BORE AND JACK STEEL CASING PIPE IN UNCONSOLIDATED (SPECIFY SIZE)	10
795-05.74	BORE/JACK 6IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 6INCH STEEL CASING PIPEIN ROCK	10
795-05.75	BORE/JACK 8IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 8IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.76	BORE/JACK 10IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 10IN STEEL CASING PIPEIN ROCK	10
795-05.77	BORE/JACK 12IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 12IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.78	BORE/JACK 14IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 14IN STEEL CASING PIPEIN ROCK	10
795-05.79	BORE/JACK 16IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 16IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.80	BORE/JACK 18IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 18IN STEEL CASING PIPEIN ROCK	10
795-05.81	BORE/JACK 20IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 20IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.82	BORE/JACK 24IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 24IN STEEL CASING PIPEIN ROCK	10
795-05.83	BORE/JACK 30IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 30IN STEEL CASING PIPEIN UNCONSOLIDATED	10
795-05.84	BORE/JACK 36IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 36IN STEEL CASING PIPEIN ROCK	10
795-05.85	BORE/JACK 48IN STEEL CASING PIPE-ROCK.	L.F.	BORE AND JACK 48IN STEEL CASING PIPEIN ROCK	10
795-05.86	BORE/JACK ___ IN STEEL CASING PIPE-ROCK	L.F.	BORE AND JACK STEEL CASING PIPE IN UNCONSOLIDATED (SPECIFY SIZE)	10
795-05.87	BORE/JACK ___ IN STEEL CASING PIPE-ROCK	L.F.	BORE AND JACK STEEL CASING PIPE IN ROCK (SPECIFY SIZE)	10
795-05.88	BORE/JACK ___ IN STEEL CASING PIPE-ROCK	L.F.	BORE AND JACK STEEL CASING PIPE IN ROCK (SPECIFY SIZE)	10
795-05.89	HDD 12IN HDPE CARRIER PIPE-UNCON	L.F.	HDD 12IN HDPE CARRIER PIPE-UNCON	
795-05.90	HDD 6IN HDPE CARRIER PIPE-UNCON	L.F.	HDD 6IN HDPE CARRIER PIPE-UNCON	
795-05.91	2IN PVC CASING PIPE OPEN CUT	L.F.	2IN PVC CASING PIPE OPEN CUT	
795-05.92	4IN PVC CASING PIPE OPEN CUT	L.F.	4IN PVC CASING PIPE OPEN CUT	
795-05.99	FLOWABLE FILL (TRENCH PLUGS)	C.Y.	FLOWABLE FILL (TRENCH PLUGS)	
795-06.01	CONNECT TO 2IN WATER LINE	EACH	CONNECT TO 2IN WATER LINE	3
795-06.02	CONNECT TO 3IN WATER LINE	EACH	CONNECT TO 3IN WATER LINE	3
795-06.03	CONNECT TO 4IN WATER LINE	EACH	CONNECT TO 4IN WATER LINE	3
795-06.04	CONNECT TO 6IN WATER LINE	EACH	CONNECT TO 6IN WATER LINE	3
795-06.05	CONNECT TO 8IN WATER LINE	EACH	CONNECT TO 8IN WATER LINE	3
795-06.06	CONNECT TO 10IN WATER LINE	EACH	CONNECT TO 10IN WATER LINE	3
795-06.07	CONNECT TO 12IN WATER LINE	EACH	CONNECT TO 12IN WATER LINE	3
795-06.08	CONNECT TO 14IN WATER LINE	EACH	CONNECT TO 14IN WATER LINE	3
795-06.09	CONNECT TO 16IN WATER LINE	EACH	CONNECT TO 16IN WATER LINE	3

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-06.10	CONNECT TO 18IN WATER LINE	EACH	CONNECT TO 18IN WATER LINE	3
795-06.11	CONNECT TO 20IN WATER LINE	EACH	CONNECT TO 20IN WATER LINE	3
795-06.12	CONNECT TO 24IN WATER LINE	EACH	CONNECT TO 24IN WATER LINE	3
795-06.13	CONNECT TO 30IN WATER LINE	EACH	CONNECT TO 30IN WATER LINE	3
795-06.14	CONNECT TO 36IN WATER LINE	EACH	CONNECT TO 36IN WATER LINE	3
795-06.15	CONNECT TO 3/4IN WATER LINE	EACH	CONNECT TO 3/4IN WATER LINE	3
795-06.16	CONNECT TO 1IN WATER LINE	EACH	CONNECT TO 1IN WATER LINE	
795-06.23	TIE TO 3IN MAIN, INCL. VALVE & FITTINGS	EACH	TIE TO 3IN MAIN, INCL. VALVE & FITTINGS	3
795-06.25	TIE TO 6IN MAIN INCL VALVE & FITTINGS	EACH	TIE TO 6IN MAIN INCL VALVE & FITTINGS	3
795-06.30	CUT/CAP EXISTING LINES (ALL SIZES)	EACH	CUT/CAP EXISTING LINES (ALL SIZES)	
795-06.31	CUT AND CAP 2IN WATER LINE	EACH	CUT AND CAP 2IN WATER LINE	
795-06.32	CUT AND CAP 4IN WATER LINE	EACH	CUT AND CAP 4IN WATER LINE	
795-06.33	CUT AND CAP 6IN WATER LINE	EACH	CUT AND CAP 6IN WATER LINE	
795-06.34	CUT AND CAP 8IN WATER LINE	EACH	CUT AND CAP 8IN WATER LINE	
795-06.35	CUT AND CAP SERVICE LINE	EACH	CUT AND CAP SERVICE LINE	
795-06.36	CUT & CAP 10IN WATER LINE	EACH	CUT & CAP 10IN WATER LINE	
795-06.37	CUT AND CAP 12IN WATER LINE	EACH	CUT AND CAP 12IN WATER LINE	
795-06.39	CUT AND CAP 16IN WATER LINE	EACH	CUT AND CAP 16IN WATER LINE	
795-06.40	CUT AND CAP 3IN WATER LINE	EACH	CUT AND CAP 3IN WATER LINE	
795-06.41	CONNECT TO 2 1/2 IN WATER LINE	EACH	CONNECT TO 2 1/2 IN WATER LINE	3
795-06.42	CUT AND CAP 20IN WATER LINE	EACH	CUT AND CAP 20IN WATER LINE	
795-06.43	CUT AND CAP 24IN WATER LINE	EACH	CUT AND CAP 24IN WATER LINE	
795-06.44	CUT AND CAP 30IN WATER LINE	EACH	CUT AND CAP 30IN WATER LINE	
795-06.45	CUT AND CAP 36IN WATER LINE	EACH	CUT AND CAP 36IN WATER LINE	
795-06.46	CUT AND CAP 1IN WATER LINE	EACH	CUT AND CAP 1IN WATER LINE	
795-06.61	HDD 2IN PVC CARRIER PIPE	EACH	HDD 2IN PVC CARRIER PIPE	
795-07.01	4IN X 4IN TAPPING SLEEVE AND VALVE	EACH	4IN X 4IN TAPPING SLEEVE AND VALVE	4
795-07.02	6IN X 4IN TAPPING SLEEVE AND VALVE	EACH	6IN X 4IN TAPPING SLEEVE AND VALVE	4
795-07.03	6IN X 6IN TAPPING SLEEVE AND VALVE	EACH	6IN X 6IN TAPPING SLEEVE AND VALVE	4
795-07.04	8IN X 4IN TAPPING SLEEVE AND VALVE	EACH	8IN X 4IN TAPPING SLEEVE AND VALVE	4
795-07.05	8IN X 6IN TAPPING SLEEVE AND VALVE	EACH	8IN X 6IN TAPPING SLEEVE AND VALVE	4
795-07.06	8IN X 8IN TAPPING SLEEVE AND VALVE	EACH	8IN X 8IN TAPPING SLEEVE AND VALVE	4
795-07.07	10IN X 4IN TAPPING SLEEVE AND VALVE	EACH	10IN X 4IN TAPPING SLEEVE AND VALVE	4
795-07.08	10IN X 6IN TAPPING SLEEVE AND VALVE	EACH	10IN X 6IN TAPPING SLEEVE AND VALVE	4
795-07.09	10IN X 8IN TAPPING SLEEVE AND VALVE	EACH	10IN X 8IN TAPPING SLEEVE AND VALVE	4
795-07.10	10IN X 10IN TAPPING SLEEVE AND VALVE	EACH	10IN X 10IN TAPPING SLEEVE AND VALVE	4
795-07.11	12IN X 4IN TAPPING SLEEVE AND VALVE	EACH	12IN X 4IN TAPPING SLEEVE AND VALVE	4
795-07.12	12IN X 6IN TAPPING SLEEVE AND VALVE	EACH	12IN X 6IN TAPPING SLEEVE AND VALVE	4
795-07.13	12IN X 8IN TAPPING SLEEVE AND VALVE	EACH	12IN X 8IN TAPPING SLEEVE AND VALVE	4
795-07.14	12IN X 10IN TAPPING SLEEVE AND VALVE	EACH	12IN X 10IN TAPPING SLEEVE AND VALVE	4
795-07.15	12IN X 12IN TAPPING SLEEVE AND VALVE	EACH	12IN X 12IN TAPPING SLEEVE AND VALVE	4
795-07.16	16IN X 4IN TAPPING SLEEVE AND VALVE	EACH	16IN X 4IN TAPPING SLEEVE AND VALVE	4
795-07.17	16IN X 6IN TAPPING SLEEVE AND VALVE	EACH	16IN X 6IN TAPPING SLEEVE AND VALVE	4
795-07.18	16IN X 8IN TAPPING SLEEVE AND VALVE	EACH	16IN X 8IN TAPPING SLEEVE AND VALVE	4
795-07.19	16IN X 10IN TAPPING SLEEVE AND VALVE	EACH	16IN X 10IN TAPPING SLEEVE AND VALVE	4
795-07.20	16IN X 12IN TAPPING SLEEVE AND VALVE	EACH	16IN X 12IN TAPPING SLEEVE AND VALVE	4
795-07.21	16IN X 16IN TAPPING SLEEVE AND VALVE	EACH	16IN X 16IN TAPPING SLEEVE AND VALVE	4
795-07.22	14IN X 6IN TAPPING SLEEVE AND VALVE	EACH	14IN X 6IN TAPPING SLEEVE AND VALVE	4
795-07.23	18IN X 12IN TAPPING SLEEVE AND VALVE	EACH	18IN X 12IN TAPPING SLEEVE AND VALVE	4
795-07.27	20IN X 20IN TAPPING SLEEVE AND VALVE	EACH	20IN X 20IN TAPPING SLEEVE AND VALVE	4
795-07.28	20IN X 6IN TAPPING SLEEVE AND VALVE	EACH	20IN X 6IN TAPPING SLEEVE AND VALVE	4
795-07.29	24IN X 24IN TAPPING SLEEVE AND VALVE	EACH	24IN X 24IN TAPPING SLEEVE AND VALVE	4

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-07.30	INSERTION VALVE (4IN)	EACH	INSERTION VALVE (4IN)	5
795-07.31	INSERTION VALVE (6IN)	EACH	INSERTION VALVE (6IN)	5
795-07.32	INSERTION VALVE (8IN)	EACH	INSERTION VALVE (8IN)	5
795-07.33	INSERTION VALVE (10IN)	EACH	INSERTION VALVE (10IN)	5
795-07.34	INSERTION VALVE (12IN)	EACH	INSERTION VALVE (12IN)	5
795-07.35	2IN X 2IN TAPPING SADDLE AND VALVE	EACH	2IN X 2IN TAPPING SADDLE AND VALVE	4
795-07.36	INSERTION VALVE (18IN)	EACH	INSERTION VALVE (18IN)	5
795-07.37	INSERTION VALVE (16IN)	EACH	INSERTION VALVE (16IN)	
795-07.38	INSERTION VALVE (14IN)	EACH	INSERTION VALVE (14IN)	
795-07.50	8IN MULTI-DIRECTIONAL FLOW METER	EACH	8IN MULTI-DIRECTIONAL FLOW METER	
795-07.51	FLOW METER	EACH	FLOW METER	
795-07.61	___IN X ___IN TAPPING SLEEVE AND VALVE	EACH	___IN X ___IN TAPPING SLEEVE AND VALVE	4
795-07.62	___IN X ___IN TAPPING SLEEVE AND VALVE	EACH	___IN X ___IN TAPPING SLEEVE AND VALVE	4
795-07.63	___IN X ___IN TAPPING SLEEVE AND VALVE	EACH	___IN X ___IN TAPPING SLEEVE AND VALVE	4
795-08.01	2IN GATE VALVE ASSEMBLY	EACH	2IN GATE VALVE ASSEMBLY	5
795-08.02	3IN GATE VALVE ASSEMBLY	EACH	3IN GATE VALVE ASSEMBLY	5
795-08.03	4IN GATE VALVE ASSEMBLY	EACH	4IN GATE VALVE ASSEMBLY	5
795-08.04	6IN GATE VALVE ASSEMBLY	EACH	6IN GATE VALVE ASSEMBLY	5
795-08.05	8IN GATE VALVE ASSEMBLY	EACH	8IN GATE VALVE ASSEMBLY	5
795-08.06	10IN GATE VALVE ASSEMBLY	EACH	10IN GATE VALVE ASSEMBLY	5
795-08.07	10IN PRV ASSEMBLY	EACH	10IN PRESSURE RELIEF VALVE ASSEMBLY	5
795-08.08	12IN BUTTERFLY VALVE ASSEMBLY	EACH	12IN BUTTERFLY VALVE ASSEMBLY	5
795-08.09	12IN GATE VALVE ASSEMBLY	EACH	12IN GATE VALVE ASSEMBLY	5
795-08.10	12IN PRV ASSEMBLY	EACH	12IN PRESSURE RELIEF VALVE ASSEMBLY	5
795-08.11	14IN BUTTERFLY VALVE ASSEMBLY	EACH	14IN BUTTERFLY VALVE ASSEMBLY	5
795-08.12	14IN GATE VALVE ASSEMBLY	EACH	14IN GATE VALVE ASSEMBLY	5
795-08.13	16IN BUTTERFLY VALVE ASSEMBLY	EACH	16IN BUTTERFLY VALVE ASSEMBLY	5
795-08.14	16IN GATE VALVE ASSEMBLY	EACH	16IN GATE VALVE ASSEMBLY	5
795-08.15	18IN BUTTERFLY VALVE ASSEMBLY	EACH	18IN BUTTERFLY VALVE ASSEMBLY	5
795-08.16	18IN GATE VALVE ASSEMBLY	EACH	18IN GATE VALVE ASSEMBLY	5
795-08.17	20IN BUTTERFLY VALVE ASSEMBLY	EACH	20IN BUTTERFLY VALVE ASSEMBLY	5
795-08.18	20IN GATE VALVE ASSEMBLY	EACH	20IN GATE VALVE ASSEMBLY	5
795-08.19	24IN BUTTERFLY VALVE ASSEMBLY	EACH	24IN BUTTERFLY VALVE ASSEMBLY	5
795-08.20	24IN GATE VALVE ASSEMBLY	EACH	24IN GATE VALVE ASSEMBLY	5
795-08.21	30IN BUTTERFLY VALVE ASSEMBLY	EACH	30IN BUTTERFLY VALVE ASSEMBLY	5
795-08.22	36IN BUTTERFLY VALVE ASSEMBLY	EACH	36IN BUTTERFLY VALVE ASSEMBLY	5
795-08.23	___IN BUTTERFLY VALVE ASSEMBLY	EACH	___IN BUTTERFLY VALVE ASSEMBLY (SPECIFY SIZE)	6
795-08.24	___IN GATE VALVE ASSEMBLY	EACH	___IN GATE VALVE ASSEMBLY (SPECIFY SIZE)	7
795-08.25	ELECTRONIC CONTROL VALVE VAULT W/BYPASS	EACH	ELECTRONIC CONTROL VALVE VAULT W/BYPASS	6
795-08.26	12IN CHECK VALVE ASSEMBLY	EACH	12IN CHECK VALVE ASSEMBLY	5
795-08.27	4IN CHECK VALVE	EACH	4IN CHECK VALVE	5
795-08.28	6IN CHECK VALVE	EACH	6IN CHECK VALVE	5
795-08.31	WATER VALVE EXTENSION ROD	L.F.	WATER VALVE EXTENSION ROD	
795-08.41	CURB BOX	EACH	CURB BOX	
795-08.42	CELLULAR RTU SIGNAL CONTROL	EACH	CELLULAR RTU SIGNAL CONTROL	
795-09.01	3/4IN WATER SERVICE METER ASSEMBLY	EACH	3/4IN WATER SERVICE METER ASSEMBLY	6
795-09.02	1IN WATER SERVICE METER ASSEMBLY	EACH	1IN WATER SERVICE METER ASSEMBLY	6
795-09.03	1-1/2IN WATER SERVICE METER ASSEMBLY	EACH	1-1/2IN WATER SERVICE METER ASSEMBLY	6
795-09.04	2IN WATER SERVICE METER ASSEMBLY	EACH	2IN WATER SERVICE METER ASSEMBLY	6
795-09.05	3IN WATER SERVICE METER ASSEMBLY	EACH	3IN WATER SERVICE METER ASSEMBLY	6
795-09.06	4IN WATER SERVICE METER ASSEMBLY	EACH	4IN WATER SERVICE METER ASSEMBLY	6
795-09.07	6IN WATER SERVICE METER ASSEMBLY	EACH	6IN WATER SERVICE METER ASSEMBLY	6

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-09.08	8IN WATER SERVICE METER ASSEMBLY	EACH	8IN WATER SERVICE METER ASSEMBLY	6
795-09.09	RELOCATE/RECONNECT SERVICE ASSEMBLY	EACH	RELOCATE/RECONNECT WATER SERVICE METER ASSEMBLY	INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR REMOVAL OF EXISTING WATER SERVICE METER ASSEMBLY AND INSTALLING AT NEWLY IDENTIFIED LOCATION
795-09.10	SAMPLE TAP	EACH	SAMPLE TAP	INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR INSTALLATION OF TAP ON WATER LINE FOR WATER SAMPLING PURPOSES. COST OF ACTUALLY SAMPLING IS INCLUDED IN COST OF PIPE
795-09.11	1-1/2IN COPPER SERVICE PIPE	L.F.	1-1/2IN COPPER SERVICE PIPE	7
795-09.12	2IN COPPER SERVICE PIPE	L.F.	2IN COPPER SERVICE PIPE	7
795-09.13	3IN COPPER SERVICE PIPE	L.F.	3IN COPPER SERVICE PIPE	7
795-09.14	3/4IN HDPE SERVICE PIPE	L.F.	3/4IN HIGH-DENSITY POLYETHYLENE SERVICE PIPE	7
795-09.15	1IN HDPE SERVICE PIPE	L.F.	1IN HIGH-DENSITY POLYETHYLENE SERVICE PIPE	7
795-09.16	1-1/2IN HDPE SERVICE PIPE	L.F.	1-1/2IN HIGH-DENSITY POLYETHYLENE SERVICE PIPE	7
795-09.17	2IN HDPE SERVICE PIPE	L.F.	2IN HIGH-DENSITY POLYETHYLENE SERVICE PIPE	7
795-09.18	3IN HDPE SERVICE PIPE	L.F.	3IN HIGH-DENSITY POLYETHYLENE SERVICE PIPE	7
795-09.19	3/4IN PVC SERVICE PIPE	L.F.	3/4IN POLYVINYL CHLORIDE SERVICE PIPE	7
795-09.20	1IN PVC SERVICE PIPE	L.F.	1IN POLYVINYL CHLORIDE SERVICE PIPE	7
795-09.21	1-1/2IN PVC SERVICE PIPE	L.F.	1-1/2IN POLYVINYL CHLORIDE SERVICE PIPE	7
795-09.22	2IN PVC SERVICE PIPE	L.F.	2IN POLYVINYL CHLORIDE SERVICE PIPE	7
795-09.23	3IN PVC SERVICE PIPE	L.F.	3IN POLYVINYL CHLORIDE SERVICE PIPE	7
795-09.24	TI OF 2IN HDPE CASING FOR SERVICE PIPE-UNCON	L.F.	TRENCHLESS INSTALLATION OF 2IN HIGH-DENSITY POLYETHYLENE CASING FOR SERVICE PIPE IN UNCONSOLIDATED	7
795-09.25	TI OF 2IN HDPE CASING FOR SERVICE PIPE-ROCK	L.F.	TRENCHLESS INSTALLATION OF 2IN HIGH-DENSITY POLYETHYLENE CASING FOR SERVICE PIPE IN ROCK	7
795-09.26	TI OF 2IN PVC CASING FOR SERVICE PIPE-UNCON	L.F.	TRENCHLESS INSTALLATION OF 2IN POLYVINYL CHLORIDE CASING FOR SERVICE PIPE IN UNCONSOLIDATED	7
795-09.27	TI OF 2IN PVC CASING FOR SERVICE PIPE-ROCK	L.F.	TRENCHLESS INSTALLATION OF 2IN POLYVINYL CHLORIDE CASING FOR SERVICE PIPE IN ROCK	7
795-09.28	3/4IN COPPER SERVICE PIPE	L.F.	3/4IN COPPER SERVICE PIPE	7
795-09.29	1IN COPPER SERVICE PIPE	L.F.	1IN COPPER SERVICE PIPE	7
795-09.30	3/4IN PEXa SERVICE PIPE IN 2" PEXa CASIN	L.F.	3/4IN PEXa SERVICE PIPE IN 2" PEXa CASING	
795-09.31	2IN TYPE "K" COPPER WATER LINE	L.F.	2IN TYPE "K" COPPER WATER LINE	
795-09.35	(TI) OF 3IN PVC CASING FOR SERVICE PIPE-	L.F.	(TI) OF 3IN PVC CASING FOR SERVICE PIPE-UNCON	
795-09.36	TI OF 4IN HDPE CASING FOR SERVICE PIPE-R	L.F.	TI OF 4IN HDPE CASING FOR SERVICE PIPE-ROCK	
795-09.37	3/4IN SERVICE PIPE	L.F.	3/4IN SERVICE PIPE	
795-09.38	1N SERVICE PIPE	L.F.	1N SERVICE PIPE	
795-09.39	2N SERVICE PIPE	L.F.	2N SERVICE PIPE	
795-09.41	HDD 3/4IN COPPER SERVICE PIPE	L.F.	HDD 3/4IN COPPER SERVICE PIPE	
795-09.42	HDD 1-1/2IN COPPER SERVICE PIPE	L.F.	HDD 1-1/2IN COPPER SERVICE PIPE	
795-09.43	HDD 2IN COPPER SERVICE PIPE	L.F.	HDD 2IN COPPER SERVICE PIPE	
795-09.44	HDD 2IN COPPER CARRIER PIPE-UNCON	L.F.	HDD 2IN COPPER CARRIER PIPE-UNCON	
795-09.51	RECONNECT SERVICE ASSEMBLY	EACH	RECONNECT SERVICE ASSEMBLY	
795-09.55	HDD 3IN HDPE CASING PIPE- ROCK	L.F.	HDD 3IN HDPE CASING PIPE- ROCK	
795-09.56	HDD 3IN HDPE CASING PIPE- EARTH	L.F.	HDD 3IN HDPE CASING PIPE- EARTH	
795-09.58	4IN DIP SERVICE PIPE	L.F.	4IN DIP SERVICE PIPE	7
795-09.59	6IN DIP SERVICE PIPE	L.F.	6IN DIP SERVICE PIPE	7
795-09.60	3/4IN PEXa SERVICE PIPE	L.F.	3/4IN PEXa SERVICE PIPE	
795-09.61	3/4IN PEXa SERVICE PIPE IN 2IN STL CASING	L.F.	3/4IN PEXa SERVICE PIPE IN 2IN STEEL CASING	
795-09.62	1IN PEX SERVICE PIPE	L.F.	1IN PEX SERVICE PIPE	
795-09.63	1 1/4 IN PEXa SERVICE PIPE	L.F.	1 1/4 IN PEXa SERVICE PIPE	
795-09.64	2IN PEXa SERVICE PIPE	L.F.	2IN PEXa SERVICE PIPE	
795-09.70	5/8IN WATER SERVICE METER ASSEMBLY	EACH	5/8IN WATER SERVICE METER ASSEMBLY	

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-09.75	5/8IN COPPER SERVICE PIPE	L.F.	5/8IN COPPER SERVICE PIPE	
795-09.79	1-1/2IN DM TAP ASSEMBLY W/DM VAULT	EACH	1-1/2IN DISTRICT METER TAP ASSEMBLY W/ DISTRICT METER VAULT	
795-09.80	4IN CASING PIPE	L.F.	4IN DIP CASING PIPE	
795-09.99	2IN BRASS SERVICE PIPE	L.F.	2IN BRASS SERVICE PIPE	
795-10.01	3/4IN AUTO AIR RELEASE VALVE ASSEMBLY	EACH	3/4IN AUTOMATIC AIR RELEASE VALVE ASSEMBLY	6
795-10.02	3/4IN MANUAL AIR RELEASE VALVE ASSEMBLY	EACH	3/4IN MANUAL AIR RELEASE VALVE ASSEMBLY	6
795-10.03	1IN AUTO AIR RELEASE VALVE ASSEMBLY	EACH	1IN AUTOMATIC AIR RELEASE VALVE ASSEMBLY	6
795-10.04	1IN MANUAL AIR RELEASE VALVE ASSEMBLY	EACH	1IN MANUAL AIR RELEASE VALVE ASSEMBLY	6
795-10.05	2IN AUTO AIR RELEASE VALVE ASSEMBLY	EACH	2IN AUTOMATIC AIR RELEASE VALVE ASSEMBLY	6
795-10.06	2IN MANUAL AIR RELEASE VALVE ASSEMBLY	EACH	2IN MANUAL AIR RELEASE VALVE ASSEMBLY	6
795-10.07	3IN AUTOMATIC AIR RELEASE VALVE ASSEMBLY	EACH	3IN AUTOMATIC AIR RELEASE VALVE ASSEMBLY	6
795-10.08	3IN MANUAL AIR RELEASE VALVE ASSEMBLY	EACH	3IN MANUAL AIR RELEASE VALVE ASSEMBLY	6
795-10.09	4IN AUTO AIR RELEASE VALVE ASSEMBLY	EACH	4IN AUTOMATIC AIR RELEASE VALVE ASSEMBLY	6
795-10.10	4IN MANUAL AIR RELEASE VALVE ASSEMBLY	EACH	4IN MANUAL AIR RELEASE VALVE ASSEMBLY	6
795-10.11	REMOVE 6IN PRESS SUSTAINING VLVE ASSBLY	EACH	REMOVE 6IN PRESSURE SUSTAINNG VALVE ASSEMBLY	6
795-10.12	1/2IN AUTO AIR RELEASE VALVE ASSEMBLY	EACH	1/2IN AUTO AIR RELEASE VALVE ASSEMBLY	6
795-10.20	2IN PRV ASSEMBLY	EACH	2IN PRESSURE RELIEF VALVE ASSEMBLY	6
795-10.21	4IN PRV ASSEMBLY	EACH	4IN PRESSURE RELIEF VALVE ASSEMBLY	6
795-10.22	6IN PRV ASSEMBLY	EACH	6IN PRESSURE RELIEF VALVE ASSEMBLY	6
795-10.23	8IN PRV ASSEMBLY	EACH	8IN PRESSURE RELIEF VALVE ASSEMBLY	6
795-10.24	12IN PRV ASSEMBLY	EACH	12IN PRV ASSEMBLY	6
795-10.25	3/4IN PRV ASSEMBLY	EACH	3/4IN PRV ASSEMBLY	6
795-10.26	6IN PRESSURE SUSTAINING VALVE ASSEMBLY	EACH	6IN PRESSURE SUSTAINING VALVE ASSEMBLY	6
795-10.31	2IN BLOW-OFF ASSEMBLY	EACH	2IN BLOW-OFF ASSEMBLY	6
795-11.01	BLOW-OFF ASSEMBLY	EACH	BLOW-OFF ASSEMBLY	6
795-11.02	FIRE HYDRANT ASSEMBLY	EACH	FIRE HYDRANT ASSEMBLY	6
795-11.03	RECONNECT FIRE HYDRANT	EACH	RECONNECT FIRE HYDRANT	INCLUDES ALL MATERIALS, LABOR , AND EQUIPMENT TO DISCONNECT AND RECONNECT EXISTING FIRE HYDRANT TO A NEW LINE
795-11.04	RELOCATE FIRE HYDRANT	EACH	RELOCATE FIRE HYDRANT	INCLUDES ALL MATERIALS, LABOR , AND EQUIPMENT TO DISCONNECT AND RELOCATE EXISTING FIRE HYDRANT TO A NEW LOCATION
795-11.05	FIRE PROTECTION METER	EACH	FIRE PROTECTION METER	
795-11.06	RELOCATE FIRE PROTECTION METER	EACH	RELOCATE FIRE PROTECTION METER	
795-11.07	FIRE AND DOMESTIC APPARATUSES	EACH	FIRE AND DOMESTIC APPARATUSES	
795-11.10	FIRE HYDRANT RISER	V.F.	FIRE HYDRANT RISER	
795-11.12	RETIRE IN PLACE EXISTING WATER MAIN	L.F.	RETIRE IN PLACE EXISTING WATER MAIN	
795-11.15	3IN FIRE METER ASSEMBLY	EACH	3IN FIRE METER ASSEMBLY	
795-11.16	4IN FIRE METER ASSEMBLY	EACH	4IN FIRE METER ASSEMBLY	
795-11.17	6IN FIRE METER ASSEMBLY	EACH	6IN FIRE METER ASSEMBLY	
795-12.01	REMOVE FIRE HYDRANT	EACH	REMOVE FIRE HYDRANT	9
795-12.02	REMOVAL OF EXISTING LINE	LS	REMOVAL OF EXISTING LINE	9
795-12.03	PIPE GROUTING	LS	PIPE GROUTING	INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT TO GROUT ALL PIPES IDENTIFIED ON THE PLANS. PAYMENT AS IDENTIFIED ON BID FORM.
795-12.04	REMOVE EX BACKFLOW APPARATUS	LS	REMOVE EX BACKFLOW APPARATUS	9
795-12.05	REMOVE BLOW-OFF ASSEMBLY	EACH	REMOVE BLOW-OFF ASSEMBLY	9
795-12.06	REMOVE EXISTING PRV ASSEMBLY	EACH	REMOVE EXISTING PRV ASSEMBLY	
795-12.08	REMOVE WATER METER	EACH	REMOVE WATER METER	
795-12.09	REMOVE FIRE HYDRANT (ADDITIONAL WORK)	EACH	REMOVE FIRE HYDRANT (ADDITIONAL WORK)	CREATED FOR CO ON CNT925
795-12.10	ASBESTOS REMOVAL	LS	ASBESTOS REMOVAL	
795-12.11	ASBESTOS REMOVAL	L.F.	ASBESTOS REMOVAL	
795-12.20	ADJUST EXISTING VALVE BOXES	EACH	ADJUST EXISTING VALVE BOXES	
795-12.26	REMOVE 6IN METER ASSEMBLY	EACH	REMOVE 6IN METER ASSEMBLY	



WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-12.32	REMOVE GATE VALVE	EACH	REMOVE GATE VALVE	
795-12.33	REMOVE AIR RELEASE VALVE	EACH	REMOVE AIR RELEASE VALVE	
795-13.01	DI FITTINGS	LBS	DUCTILE IRON FITTINGS	INCLUDES FITTINGS, GLANDS AND RESTRAINT DEVICES DESCRIBED IN POUNDS.
795-13.02	HDPE FITTINGS	LBS	HIGH-DENSITY POLYETHYLENE FITTINGS	INCLUDES FITTINGS, FUSION, GLANDS AND RESTRAINT DEVICES DESCRIBED IN POUNDS.
795-13.03	PVC FITTINGS	LBS	POLYVINYL CHLORIDE FITTINGS	INCLUDES FITTINGS, GLANDS AND RESTRAINT DEVICES DESCRIBED IN POUNDS.
795-13.04	BRIDGE HANGER SYSTEM	LS	BRIDGE HANGER SYSTEM PER UTILITY SPECIFICATIONS	8
795-13.05	CREEK CROSSING	LS	CREEK CROSSING # ___ AS IDENTIFIED ON PLANS (SPECIFY LOCATION NUMBER)	12
795-13.06	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.07	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.08	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.09	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.10	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.11	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.12	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.13	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.14	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.15	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.16	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.17	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.18	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.19	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.20	CREEK CROSSING	LS	CREEK CROSSING (DESCRIPTION)	12
795-13.22	BRIDGE HANGER SYSTEM SUPPORTS	LS	BRIDGE HANGER SYSTEM SUPPORTS	8
795-13.23	2IN HDPE BALL VALVE ASSEMBLY	EACH	2IN HDPE BALL VALVE ASSEMBLY	
795-13.24	2IN BALL VALVE (BRASS)	EACH	2IN BALL VALVE (BRASS)	
795-14.01	CLASS A CONCRETE	C.Y.	CLASS A CONCRETE	8
795-14.02	CLASS B CONCRETE	C.Y.	CLASS B CONCRETE	8
795-14.03	CLASS C CONCRETE	C.Y.	CLASS C CONCRETE	8
795-14.04	CONCRETE CRADLES	EACH	CONCRETE CRADLES	8
795-14.05	CONCRETE ENCASEMENT	L.F.	CONCRETE ENCASEMENT	8
795-14.06	CONCRETE PIERS	EACH	CONCRETE PIERS	8
795-14.07	CONCRETE VAULT	EACH	CONCRETE VAULT	8
795-14.08	RESTORE ASPHALT	S.Y.	RESTORE ASPHALT ROAD OR DRIVE, <b>TO BE USED ONLY OFF STATE ROW</b>	11
795-14.09	RESTORE CONCRETE	S.Y.	RESTORE CONCRETE ROADWAY, DRIVEWAY, SIDEWALK, GUTTERS, ETC. <b>TO BE USED ONLY OFF STATE ROW</b>	11
795-14.10	RESTORE GRAVEL	S.Y.	RESTORE GRAVEL ROADWAY, DRIVEWAY, SIDEWALK, GUTTERS, ETC. <b>TO BE USED ONLY OFF STATE ROW</b>	11
795-14.11	TEMPORARY SERVICES	L.S.	TEMPORARY SERVICES	
795-14.12	PIPE CHECK DAM	C.Y.	PIPE CHECK DAM	
795-14.15	SUPPORT STRUCTURE FOR UNSTABLE SUBGRADE	L.S.	SUPPORT STRUCTURE FOR UNSTABLE SUBGRADE	
795-15.01	8IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	8IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.02	12IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	12IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.03	14IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	14IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.04	18IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	18IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.05	20IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	20IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.06	22IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	22IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.07	24IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	24IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.08	26IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	26IN STEEL CASING PIPE OPEN CUT METHOD	11

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-15.09	28IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	28IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.10	30IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	30IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.11	36IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	36IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.12	42IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	42IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.13	48IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	48IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.14	54IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	54IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.15	62IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	62IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.16	68IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	68IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.17	72IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	72IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.22	6IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	6IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.24	10IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	10IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.25	16IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	16IN STEEL CASING PIPE OPEN CUT METHOD	11
795-15.26	32IN STEEL CASING PIPE OPEN CUT METHOD	L.F.	32IN STEEL CASING PIPE OPEN CUT METHOD	
795-15.30	REMOVE 12IN STEEL CASING PIPE	LS	REMOVE 12IN STEEL CASING PIPE	
795-15.50	MICRO TUNNELING (ROCK) W/48IN STEEL CSNG	L.F.	MICRO TUNNELING (ROCK) W/48IN STEEL CASING	
795-15.51	42IN SPLIT STEEL CASING PIPE OPEN CUT METHOD	L.F.	42IN SPLIT STEEL CASING PIPE OPEN CUT METHOD	
795-16.01	PRESSURE REGULATOR STATIONS	EACH	PRESSURE REGULATOR STATIONS	
795-16.02	PRESSURE TRANSDUCER AND METER STATION	EACH	PRESSURE TRANSDUCER AND METER STATION	
795-16.10	RELOCATE/RECONNECT CHECK VALVE PIT	EACH	RELOCATE/RECONNECT CHECK VALVE PIT	
795-16.14	RELOCATE WATER PUMPING STATION FACILITIES	EACH	RELOCATE WATER PUMPING STATION FACILITIES	
795-16.16	RELOCATE/RECONNECT 3/4IN WTR METER ASSMB	EACH	RELOCATE/RECONNECT 3/4IN WATER METER ASSEMBLY	
795-16.17	RELOCATE/RECONNECT 1IN WATER METER ASSM	EACH	RELOCATE/RECONNECT 1IN WATER METER ASSEMBLY	
795-16.21	RELOCATE/RECONNECT 2IN WATER METER ASSM	EACH	RELOCATE/RECONNECT 2IN WATER METER ASSEMBLY	
795-16.23	RELOCATE/RECONNECT 4IN WATER METER ASSM	EACH	RELOCATE/RECONNECT 4IN WATER METER ASSEMBLY	
795-16.25	RELOCATE/RECONNECT 6IN WATER METER ASSM	EACH	RELOCATE/RECONNECT 6IN WATER METER ASSEMBLY	
795-16.30	RELOCATE/RECONNECT 3IN SERVICE ASSEMBLY	EACH	RELOCATE/RECONNECT 3IN SERVICE ASSEMBLY	
795-16.36	6IN BACKFLOW PREVENTER ASSEMBLY	EACH	6IN BACKFLOW PREVENTER ASSEMBLY	
795-16.40	6IN EXISTING WM TERMINATION	EACH	6IN EXISTING WATER MAIN TERMINATION	
795-16.41	12IN EXISTING WM TERMINATION	EACH	12IN EXISTING WATER MAIN TERMINATION	
795-16.42	24IN EXISTING WM TERMINATION	EACH	24IN EXISTING WATER MAIN TERMINATION	
795-16.43	8IN EXISTING WM TERMINATION	EACH	8IN EXISTING WATER MAIN TERMINATION	
795-16.46	6IN NEW WM TERMINATION	EACH	6IN NEW WATER MAIN TERMINATION	
795-16.47	12IN NEW WM TERMINATION	EACH	12IN NEW WATER MAIN TERMINATION	
795-16.60	PRIVATE WATER VAULT RECONNECTION	EACH	PRIVATE WATER VAULT RECONNECTION	
795-16.65	WATER PUMP STATION	LS	WATER PUMP STATION	
795-16.79	RELOCATE/RECONNECT 3/4IN BACKFLOW ASSEMBLY	EACH	RELOCATE/RECONNECT 3/4IN BACKFLOW ASSEMBLY	
795-16.80	RELOCATE/RECONNECT 1-1/2IN BACKFLOW ASSEMBLY	EACH	RELOCATE/RECONNECT 1-1/2IN BACKFLOW ASSEMBLY	
795-16.81	RELOCATE/RECONNECT 1IN BACKFLOW ASSEMBLY	EACH	RELOCATE/RECONNECT 1IN BACKFLOW ASSEMBLY	
795-16.82	RELOCATE/RECONNECT 2IN BACKFLOW ASSEMBLY	EACH	RELOCATE/RECONNECT 2IN BACKFLOW ASSEMBLY	
795-16.83	RELOCATE/RECONNECT 3IN BACKFLOW ASSEMBLY	EACH	RELOCATE/RECONNECT 3IN BACKFLOW ASSEMBLY	
795-16.90	RELOCATE/RECONNECT 8IN BACKFLOW ASSEMBLY	EACH	RELOCATE/RECONNECT 8IN BACKFLOW ASSEMBLY	
795-16.91	RELOCATE 3/4IN DBL DET CHK VALVE W/NEW BOX	EACH	RELOCATE 3/4IN DBL DET CHK VALVE W/NEW BOX	
795-16.92	RELOCATE 2IN RED PRES BCKFLW PRVNTR W/NB	EACH	RELOCATE 2IN REDUCED PRESSURE BACKFLOW PREVENTER W/NEW BOX	
795-16.93	RELOCATE 3IN DBL DET CHK VALVE W/NEW BOX	EACH	RELOCATE 3IN DOUBLE DET CHECK VALVE W/NEW BOX	
795-16.94	RELOCATE 4IN DBL DET CHK VALVE W/NEW BOX	EACH	RELOCATE 4IN DOUBLE DET CHECK VALVE W/NEW BOX	
795-16.96	RELOCATE 6IN DBL DET CHK VALVE W/NEW BOX	EACH	RELOCATE 6IN DOUBLE DET CHECK VALVE W/NEW BOX	
795-16.98	RELOCATE 8IN DBL DET CHK VALVE W/NEW BOX	EACH	RELOCATE 8IN DOUBLE DET CHECK VALVE W/NEW BOX	
795-16.99	RELOCATE METER MANHOLE TELEMETRY & EQUIP	LS	RELOCATE METER MANHOLE TELEMETRY & EQUIP	
795-20.01	RECONNECT SERVICE ASSEMBLY	EACH	RECONNECT SERVICE ASSEMBLY	
795-20.02	FRAME AND COVER (WATERTIGHT)	EACH	FRAME AND COVER (WATERTIGHT)	
795-21.01	RETIRE WATER METER ASSEMBLIES	LS	RETIRE WATER METER ASSEMBLIES	

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
795-21.02	RETIRE WATER VALVES AND HYDRANTS	LS	RETIRE WATER VALVES AND HYDRANTS	
795-21.03	TRENCHLESS INSTAL 3IN HDPE CASING -UNCON	L.F.	TRENCHLESS INSTALL 3IN HDPE CASING -UNCON	
795-21.04	TRENCHLESS INSTAL 3IN HDPE CASING - ROCK	L.F.	TRENCHLESS INSTALL 3IN HDPE CASING - ROCK	
795-30.01	4IN HDPE CASING OPEN CUT	L.F.	4IN HDPE CASING OPEN CUT	
795-30.02	6IN HDPE CASING OPEN CUT	L.F.	6IN HDPE CASING OPEN CUT	
795-30.03	8IN HDPE CASING OPEN CUT	L.F.	8IN HDPE CASING OPEN CUT	
795-30.04	10IN HDPE CASING OPEN CUT	L.F.	10IN HDPE CASING OPEN CUT	
795-30.05	12IN HDPE CASING OPEN CUT	L.F.	12IN HDPE CASING OPEN CUT	
795-30.06	14IN HDPE CASING OPEN CUT	L.F.	14IN HDPE CASING OPEN CUT	
795-30.07	16IN HDPE CASING OPEN CUT	L.F.	16IN HDPE CASING OPEN CUT	
795-30.08	2IN HDPE CASING OPEN CUT	L.F.	2IN HDPE CASING OPEN CUT	
795-30.09	1-1/2IN HDPE CASING OPEN CUT	L.F.	1-1/2IN HDPE CASING OPEN CUT	
795-30.21	OPEN CUT 4IN PVC CASING PIPE	L.F.	OPEN CUT 4IN PVC CASING PIPE	
795-30.22	OPEN CUT 6IN PVC CASING PIPE	L.F.	OPEN CUT 6IN PVC CASING PIPE	
795-30.23	OPEN CUT 8IN PVC CASING PIPE	L.F.	OPEN CUT 8IN PVC CASING PIPE	
795-30.24	OPEN CUT 12IN PVC CASING PIPE	L.F.	OPEN CUT 12IN PVC CASING PIPE	
795-30.25	OPEN CUT 16IN PVC CASING PIPE	L.F.	OPEN CUT 16IN PVC CASING PIPE	
795-40.01	12IN RJT DIP IN EXISTING 24 IN CASING	L.F.	12IN RJT DIP IN EXISTING 24 IN CASING	
795-51.01	BOLLARD	EACH	BOLLARD	
795-70.01	POLYETHYLENE PIPE PROTECT - 8"	L.F.	POLYETHYLENE PIPE PROTECT - 8"	
795-70.02	POLYETHYLENE PIPE PROTECT - 12"	L.F.	POLYETHYLENE PIPE PROTECT - 12"	
795-99.01	4FT X 4FT METER VAULT	EACH	4FT X 4FT METER VAULT	
795-99.02	4FT X 6FT METER VAULT	EACH	4FT X 6FT METER VAULT	
795-99.03	6FT X 6FT METER VAULT	EACH	6FT X 6FT METER VAULT	
795.99.05	RESERVED FOR TDOT USE		RESERVED FOR TDOT USE	

**FOOTNOTES TO BE INCLUDED ON PLANS**

FOOTNOTE 1:

INCLUDES ALL MATERIALS, LABOR, EQUIPMENT FOR COMPLETE INSTALLATION OF PIPE INCLUDING BUT NOT LIMITED TO TRAFFIC CONTROL, MATERIALS, EQUIPMENT, EXCAVATION IN BOTH UNCONSOLIDATED AND ROCK, REMOVAL AND REPLACEMENT OF UNSUITABLE SOIL, ENVELOPE/BEDDING MATERIAL, BACKFILLING, FLOWABLE FILL, THRUST BLOCKING, CONCRETE DEADMAN, PIPE FUSION, TRACER WIRE, WARNING TAPE, APPURTENANCES, TEMPORARY/PERMANENT SHORING, MAINTAINING THE TRENCH, TESTING, FLUSHING, DISINFECTION, BACTERIOLOGICAL SAMPLING, TEMPORARY/PERMANENT SURFACE RESTORATION, AND ANY OTHER LABOR OR MATERIAL REQUIRED TO COMPLETE THE WORK AS SPECIFIED ON THE PLANS.

FOOTNOTE 2:

INCLUDES ALL MATERIALS, LABOR, EQUIPMENT, AND TRAFFIC CONTROL, INCLUDING BUT NOT LIMITED TO FLUID CONTAINMENT FOR COMPLETE HORIZONTAL DIRECTIONAL DRILLING INSTALLATION OF CASING PIPE OR UNCASSED CARRIER PIPE IN BOTH UNCONSOLIDATED SOIL OR ROCK. IF CASING PIPE HAS CARRIER PIPE, THE CARRIER PIPE SHALL BE PAID AT THE OPEN CUT ITEM.

FOOTNOTE 3:

INCLUDES ALL MATERIALS, LABOR, AND EQUIPMENT NECESSARY FOR CONNECTING TO AN EXISTING WATER LINE INCLUDING TRAFFIC CONTROL.

WATER ITEMS

ITEM	ITEM SHORT DESCRIPTION	UNITS	ITEM LONG DESCRIPTION	FOOTNOTES TO THE ITEM TO BE SHOWN ON PLANS/SPECS (NUMBERED FOOTNOTES LOCATED AT BOTTOM OF THIS ITEM LIST)
				<p>FOOTNOTE 4: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO TAPPING SLEEVE, VALVE, VALVE BOX, BOX ADJUSTMENT, VALVE BOX COLLAR, VALVE MARKER, EXCAVATION, BEDDING, BACKFILL, BLOCKING AND RESTRAINT, TAP OF EXISTING LINE, AND TRAFFIC CONTROL.</p>
				<p>FOOTNOTE 5: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO FITTINGS, VALVE, VALVE STEM EXTENSIONS, VALVE BOX AND COVER, BOX ADJUSTMENT, VALVE BOX COLLAR, VALVE MARKER, EXCAVATION, BEDDING, BACKFILL, BLOCKING, AND TRAFFIC CONTROL.</p>
				<p>FOOTNOTE 6: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO MACHINERY, TOOLS OR APPARATUS NECESSARY FOR INSTALLATION OF ASSEMBLIES AS DESCRIBED IN THE PLANS AND SPECS EXCEPT FOR SERVICE LINE WHICH IS PAID SEPERATELY FOR EACH FOOT INSTALLED.</p>
				<p>FOOTNOTE 7: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION OF SERVICE LINE OR CASING FOR SERVICE LINE ON LONG SIDE AND SHORT SIDE OF MAIN.</p>
				<p>FOOTNOTE 8: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR COMPLETE INSTALLATION OF UNIT OR LUMP SUM ITEM AS SPECIFIED ON BID FORM.</p>
				<p>FOOTNOTE 9: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT FOR REMOVAL OF ITEM.</p>
				<p>FOOTNOTE 10: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT INCLUDING BUT NOT LIMITED TO CASING PIPE, PIPE SPACERS, CASING END SEALS, FITTINGS, TRACER WIRE, WARNING TAPE, UTILITY LINE MARKERS AND TRAFFIC CONTROL. IF CASING PIPE HAS CARRIER PIPE, THE CARRIER PIPE SHALL BE PAID AT THE OPEN CUT ITEM.</p>
				<p>FOOTNOTE 11: INCLUDES ALL MATERIALS, LABOR AND EQUIPMENT, SETUP AND TRAFFIC CONTROL</p>