

AD-15 Area M-12 Sewer Construction and Water Line Replacement Project				Borden Excavating, Inc.		Big Ben Engineering		Weka Inc		Tri-Star Contracting II, Inc.		MNR Construction Inc.		Downing Construction, Inc.	
Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
101	Mobilization and Demobilization	1	LS	\$32,704.00	\$32,704.00	\$500,000.00	\$500,000.00	\$676,044.00	\$676,044.00	\$1,017,249.00	\$1,017,249.00	\$900,000.00	\$900,000.00	\$1,000,000.00	\$1,000,000.00
102	Clearing and Grubbing	1	LS	\$1,000.00	\$1,000.00	\$2,500.00	\$2,500.00	\$100,000.00	\$100,000.00	\$1,076,428.00	\$1,076,428.00	\$127,800.00	\$127,800.00	\$30,000.00	\$30,000.00
103	SWPPP / PM-10 / BMPs	1	LS	\$22,000.00	\$22,000.00	\$150,000.00	\$150,000.00	\$63,119.00	\$63,119.00	\$136,447.00	\$136,447.00	\$130,000.00	\$130,000.00	\$50,000.00	\$50,000.00
104	Traffic Control	1	LS	\$11,000.00	\$11,000.00	\$60,000.00	\$60,000.00	\$200,000.00	\$200,000.00	\$266,143.00	\$266,143.00	\$90,000.00	\$90,000.00	\$150,000.00	\$150,000.00
105	Sheeting Shoring & Bracing	1	LS	\$10,000.00	\$10,000.00	\$175,000.00	\$175,000.00	\$438,348.00	\$438,348.00	\$140,212.00	\$140,212.00	\$280,000.00	\$280,000.00	\$220,078.00	\$220,078.00
106	Pre-construction Video Inspection and Video Inspection for Interior of Pipeline	1	LS	\$32,000.00	\$32,000.00	\$12,500.00	\$12,500.00	\$100,000.00	\$100,000.00	\$103,603.00	\$103,603.00	\$175,330.00	\$175,330.00	\$83,021.00	\$83,021.00
107	Project signage	1	LS	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$3,895.00	\$3,895.00	\$20,000.00	\$20,000.00	\$6,000.00	\$6,000.00
108	Potholing	1	LS	\$200,000.00	\$200,000.00	\$85,000.00	\$85,000.00	\$900,000.00	\$900,000.00	\$398,342.00	\$398,342.00	\$261,675.00	\$261,675.00	\$400,000.00	\$400,000.00
109	Furnish and Install 8-Inch VCP with native bedding	22503	LF	\$177.00	\$3,983,031.00	\$125.00	\$2,812,875.00	\$160.00	\$3,600,480.00	\$106.90	\$2,405,570.70	\$218.00	\$4,905,654.00	\$148.00	\$3,330,444.00
110	Install 4 ft. Precast Manholes	92	EA	\$13,500.00	\$1,242,000.00	\$11,100.00	\$1,021,200.00	\$10,000.00	\$920,000.00	\$13,365.00	\$1,229,580.00	\$14,350.00	\$1,320,200.00	\$7,670.00	\$705,640.00
111	Install 5 ft. Precast Manholes	9	EA	\$18,700.00	\$168,300.00	\$17,500.00	\$157,500.00	\$14,000.00	\$126,000.00	\$16,342.00	\$147,078.00	\$16,880.00	\$151,920.00	\$10,540.00	\$94,860.00
112	Furnish and Install 4-Inch VCP laterals per MSWD Standard Drawing No. S-13	21780	LF	\$125.00	\$2,722,500.00	\$79.00	\$1,720,620.00	\$43.00	\$936,540.00	\$62.22	\$1,355,151.60	\$98.00	\$2,134,440.00	\$146.00	\$3,179,880.00
113	Furnish and Install 4-Inch VCP laterals per MSWD Standard Drawing No. S-14	1761	LF	\$125.00	\$220,125.00	\$96.00	\$169,056.00	\$63.00	\$110,943.00	\$62.51	\$110,080.11	\$112.00	\$197,232.00	\$170.00	\$299,370.00
114	Furnish and Install 6-Inch VCP laterals	88	LF	\$150.00	\$13,200.00	\$150.00	\$13,200.00	\$73.00	\$6,424.00	\$75.36	\$6,631.68	\$150.00	\$13,200.00	\$160.00	\$14,080.00
115	Remove plug, verify alignment and grade and connect to existing pipeline without constructing a new manhole	2	EA	\$3,700.00	\$7,400.00	\$7,500.00	\$15,000.00	\$5,000.00	\$10,000.00	\$237.00	\$474.00	\$9,500.00	\$19,000.00	\$8,000.00	\$16,000.00
116	Remove and replace cross gutter	1443	SF	\$40.00	\$57,720.00	\$55.00	\$79,365.00	\$55.00	\$79,365.00	\$41.70	\$60,173.10	\$75.00	\$108,225.00	\$23.00	\$33,189.00
117	Furnish and Install 8-Inch VCP with special bedding	3128	LF	\$200.00	\$625,600.00	\$137.00	\$428,536.00	\$175.00	\$547,400.00	\$140.76	\$440,297.28	\$238.00	\$744,464.00	\$155.00	\$484,840.00
118	Furnish and Install 10-Inch VCP with native bedding	1030	LF	\$160.00	\$164,800.00	\$155.00	\$159,650.00	\$175.00	\$180,250.00	\$120.80	\$124,424.00	\$285.00	\$293,550.00	\$158.00	\$162,740.00
119	Furnish and Install 12-Inch VCP with special bedding	670	LF	\$220.00	\$147,400.00	\$196.00	\$131,320.00	\$205.00	\$137,350.00	\$152.75	\$102,342.50	\$310.00	\$207,700.00	\$188.00	\$125,960.00
120	Furnish and Install 15-Inch VCP with native bedding	1630	LF	\$220.00	\$358,600.00	\$240.00	\$391,200.00	\$220.00	\$358,600.00	\$164.18	\$267,613.40	\$338.00	\$550,940.00	\$205.00	\$334,150.00
121	Furnish and Install 15-Inch VCP with special bedding	910	LF	\$250.00	\$227,500.00	\$265.00	\$241,150.00	\$230.00	\$209,300.00	\$204.82	\$186,386.20	\$380.00	\$345,800.00	\$214.00	\$194,740.00
122	Pulverize Existing Pavement, Recompact Base, Place and Compact AC Pavement, and Replace Striping	1145738	LF	\$5.50	\$6,301,559.00	\$7.96	\$9,120,074.48	\$6.50	\$7,447,297.00	\$8.73	\$10,002,292.74	\$7.20	\$8,249,313.60	\$10.00	\$11,457,380.00
123	2-foot section of 8-Inch pipe included in Bid Item 101	1	EA	\$400.00	\$400.00	\$3,000.00	\$3,000.00	\$40.00	\$40.00	\$456.00	\$456.00	\$550.00	\$550.00	\$350.00	\$350.00
124	2-foot section of 12-Inch pipe included in Bid Item 111	1	EA	\$400.00	\$400.00	\$3,500.00	\$3,500.00	\$45.00	\$45.00	\$716.00	\$716.00	\$807.00	\$807.00	\$415.00	\$415.00
125	Furnish and Install Root Control Fabric	2850	LF	\$5.00	\$14,250.00	\$13.00	\$37,050.00	\$8.00	\$22,800.00	\$28.74	\$81,909.00	\$15.00	\$42,750.00	\$35.00	\$99,750.00
126	8-Inch Water Valve Collars	97	EA	\$700.00	\$67,900.00	\$1,550.00	\$150,350.00	\$800.00	\$77,600.00	\$2,980.00	\$289,060.00	\$850.00	\$82,450.00	\$500.00	\$48,500.00
127	Construct Building Sewer Hook-Up	426	EA	\$6,000.00	\$2,556,000.00	\$1,900.00	\$809,400.00	\$5,000.00	\$2,130,000.00	\$4,487.00	\$1,911,462.00	\$2,200.00	\$937,200.00	\$11,175.00	\$4,760,550.00
128	Abandon Existing Septic System In Place	426	EA	\$600.00	\$255,600.00	\$2,400.00	\$1,022,400.00	\$1,100.00	\$468,600.00	\$2,020.00	\$860,520.00	\$2,300.00	\$979,800.00	\$925.00	\$394,050.00
Total					\$19,445,489.00		\$19,476,446.48		\$19,850,545.00		\$22,724,537.31		\$23,270,000.60		\$27,675,987.00
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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
201	8-Inch Pressure Class 350, Ductile Iron Pipe with Fittings	6214	LF	\$160.00	\$994,240.00	\$127.00	\$789,178.00	\$165.00	\$1,025,310.00	\$142.28	\$884,127.92	\$280.00	\$1,739,920.00	\$157.00	\$975,598.00
202	12-Inch Pressure Class 350, Ductile Iron Pipe with Fittings	444	LF	\$142.00	\$63,048.00	\$175.00	\$77,700.00	\$200.00	\$88,800.00	\$155.40	\$68,997.60	\$350.00	\$155,400.00	\$196.00	\$87,024.00
203	Install 8-Inch Gate Valve	12	EA	\$4,400.00	\$52,800.00	\$5,500.00	\$66,000.00	\$4,000.00	\$48,000.00	\$8,171.00	\$98,052.00	\$2,980.00	\$35,760.00	\$4,375.00	\$52,500.00
204	Install 12-Inch Gate Valve	2	EA	\$6,700.00	\$13,400.00	\$8,500.00	\$17,000.00	\$6,300.00	\$12,600.00	\$10,014.00	\$20,028.00	\$4,950.00	\$9,900.00	\$6,240.00	\$12,480.00
205	Install 8-Inch 90 Degree Ductile Iron Bend	2	EA	\$1,100.00	\$2,200.00	\$1,750.00	\$3,500.00	\$1,000.00	\$2,000.00	\$2,269.00	\$4,538.00	\$1,030.00	\$2,060.00	\$875.00	\$1,750.00
206	Install 8-Inch Ductile Iron Tee	12	EA	\$2,000.00	\$24,000.00	\$3,800.00	\$45,600.00	\$2,800.00	\$33,600.00	\$3,603.00	\$43,236.00	\$1,850.00	\$22,200.00	\$2,325.00	\$27,900.00
207	Install 8-Inch Ductile Iron Cross	1	EA	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$3,000.00	\$3,000.00	\$7,827.00	\$7,827.00	\$2,230.00	\$2,230.00	\$2,565.00	\$2,565.00

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Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
208	Install 12-inch by 12-inch by 8-Inch Ductile Iron Tee	7	EA	\$6,000.00	\$42,000.00	\$6,500.00	\$45,500.00	\$6,000.00	\$42,000.00	\$7,523.00	\$52,661.00	\$4,745.00	\$33,215.00	\$6,090.00	\$42,630.00
209	Install 8-Inch by 4-inch Ductile Iron Reducer	7	EA	\$2,000.00	\$14,000.00	\$2,500.00	\$17,500.00	\$1,800.00	\$12,600.00	\$2,773.00	\$19,411.00	\$1,570.00	\$10,990.00	\$1,350.00	\$9,450.00
210	Install 6-Inch Fire Hydrant Assembly	8	EA	\$17,000.00	\$136,000.00	\$19,000.00	\$152,000.00	\$23,000.00	\$184,000.00	\$23,615.00	\$188,920.00	\$18,650.00	\$149,200.00	\$16,200.00	\$129,600.00
211	Remove and Abandon Existing Fire Hydrant	3	EA	\$500.00	\$1,500.00	\$1,250.00	\$3,750.00	\$1,700.00	\$5,100.00	\$7,104.00	\$21,312.00	\$3,300.00	\$9,900.00	\$1,550.00	\$4,650.00
212	Install 2-inch Air Vac/Release Valve	1	EA	\$10,500.00	\$10,500.00	\$14,000.00	\$14,000.00	\$15,000.00	\$15,000.00	\$16,283.00	\$16,283.00	\$14,885.00	\$14,885.00	\$11,500.00	\$11,500.00
213	Install Thrust Block	17	EA	\$400.00	\$6,800.00	\$600.00	\$10,200.00	\$650.00	\$11,050.00	\$325.00	\$5,525.00	\$1,300.00	\$22,100.00	\$350.00	\$5,950.00
214	Install 1-Inch Water Service Lateral and Connect to Existing Customer Service Piping	52	EA	\$4,800.00	\$249,600.00	\$5,100.00	\$265,200.00	\$6,500.00	\$338,000.00	\$10,251.00	\$533,052.00	\$4,250.00	\$221,000.00	\$2,800.00	\$145,600.00
215	Remove and Replace Existing Water Service Lateral with 1-Inch Copper Water Service Lateral, Service Line Only	278	EA	\$3,200.00	\$889,600.00	\$3,300.00	\$917,400.00	\$2,700.00	\$750,600.00	\$3,127.00	\$869,306.00	\$3,750.00	\$1,042,500.00	\$1,900.00	\$528,200.00
216	Install Restrained Sleeve or Flexible Coupling	14	EA	\$1,700.00	\$23,800.00	\$1,250.00	\$17,500.00	\$6,000.00	\$84,000.00	\$881.00	\$12,334.00	\$6,880.00	\$96,320.00	\$790.00	\$11,060.00
217	Install Test Plate	5	EA	\$500.00	\$2,500.00	\$950.00	\$4,750.00	\$2,000.00	\$10,000.00	\$294.00	\$1,470.00	\$3,700.00	\$18,500.00	\$390.00	\$1,950.00
218	Install Temporary Pipe Cap with 2-Inch Outlet and 2-Inch Ball Valve with Riser Piping	8	EA	\$1,200.00	\$9,600.00	\$2,700.00	\$21,600.00	\$2,000.00	\$16,000.00	\$474.00	\$3,792.00	\$5,500.00	\$44,000.00	\$580.00	\$4,640.00
219	Install Temporary Blind Flange	1	EA	\$1,500.00	\$1,500.00	\$2,700.00	\$2,700.00	\$1,200.00	\$1,200.00	\$942.00	\$942.00	\$3,900.00	\$3,900.00	\$890.00	\$890.00
220	Cut, Abandon, and Remove Conflicting Portions of Existing Waterline, and Plug Ends with Concrete	12	EA	\$700.00	\$8,400.00	\$3,500.00	\$42,000.00	\$1,000.00	\$12,000.00	\$15,082.00	\$180,984.00	\$5,350.00	\$64,200.00	\$950.00	\$11,400.00
221	Protect in Place As Noted	1	LS	\$1,000.00	\$1,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$1,299.00	\$1,299.00	\$20,000.00	\$20,000.00	\$12,000.00	\$12,000.00
222	Construct Trench Repairs	26632	SF	\$3.00	\$79,896.00	\$4.00	\$106,528.00	\$6.00	\$159,792.00	\$2.50	\$66,580.00	\$15.00	\$399,480.00	\$9.00	\$239,688.00
	Total				\$2,629,384.00		\$2,635,606.00		\$2,869,652.00		\$3,100,677.52		\$4,117,660.00		\$2,319,025.00
					\$22,074,873.00		\$22,112,052.48		\$22,720,197.00		\$25,825,214.83		\$27,387,660.60		\$29,995,012.00