

VILLAGE OF FOX LAKE - LEAD SERVICE LINE REPLACEMENTS - PHASE 2				Engineer's Estimate		Drains R Us		Miller Pipeline		NPL Construction		Five Star		Joel Kennedy	
ITEM	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL COST	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization	1	LS	\$ 150,000.00	\$ 150,000.00	\$ 162,000.00	\$ 162,000.00	\$ 100,000.00	\$ 100,000.00	\$ 55,000.00	\$ 55,000.00	\$ 100.00	\$ 100.00	\$ 210,000.00	\$ 210,000.00
2	Exploratory Excavation	400	CY	\$ 140.00	\$ 56,000.00	\$ 75.00	\$ 30,000.00	\$ 505.00	\$ 202,000.00	\$ 55.00	\$ 22,000.00	\$ 600.00	\$ 240,000.00	\$ 275.00	\$ 110,000.00
3	Water Main Wet Tap and Corporation Stop														
	Water Main Wet Tap and Corporation Stop - 1"	196	EA	\$ 2,800.00	\$ 548,800.00	\$ 1,708.00	\$ 334,768.00	\$ 1,500.00	\$ 294,000.00	\$ 1,400.00	\$ 274,400.00	\$ 4,000.00	\$ 784,000.00	\$ 6,200.00	\$ 1,215,200.00
	Water Main Wet Tap and Corporation Stop - 1-1/2"	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 1,900.00	\$ 3,800.00	\$ 1,750.00	\$ 3,500.00	\$ 1,950.00	\$ 3,900.00	\$ 4,000.00	\$ 8,000.00	\$ 6,800.00	\$ 13,600.00
	Water Main Wet Tap and Corporation Stop - 2"	2	EA	\$ 3,800.00	\$ 7,600.00	\$ 2,000.00	\$ 4,000.00	\$ 2,000.00	\$ 4,000.00	\$ 2,200.00	\$ 4,400.00	\$ 4,100.00	\$ 8,200.00	\$ 7,800.00	\$ 15,600.00
4	Abandonment Clamp Only	12	EA	\$ 600.00	\$ 7,200.00	\$ 870.00	\$ 10,440.00	\$ 500.00	\$ 6,000.00	\$ 750.00	\$ 9,000.00	\$ 550.00	\$ 6,600.00	\$ 1,200.00	\$ 14,400.00
5	Trenchless Water Service Replacement														
	Trenchless Water Service Replacement, 1"	19,600	LF	\$ 15.00	\$ 294,000.00	\$ 16.50	\$ 323,400.00	\$ 5.00	\$ 98,000.00	\$ 45.00	\$ 882,000.00	\$ 22.50	\$ 441,000.00	\$ 5.00	\$ 98,000.00
	Trenchless Water Service Replacement, 1-1/2"	100	LF	\$ 20.00	\$ 2,000.00	\$ 34.75	\$ 3,475.00	\$ 7.00	\$ 700.00	\$ 52.00	\$ 5,200.00	\$ 35.00	\$ 3,500.00	\$ 10.00	\$ 1,000.00
	Trenchless Water Service Replacement, 2"	100	LF	\$ 30.00	\$ 3,000.00	\$ 36.25	\$ 3,625.00	\$ 10.00	\$ 1,000.00	\$ 56.00	\$ 5,600.00	\$ 45.00	\$ 4,500.00	\$ 14.00	\$ 1,400.00
6	Open Cut Water Service Replacement														
	Open Cut Water Service Replacement - 1"	392	LF	\$ 40.00	\$ 15,680.00	\$ 36.00	\$ 14,112.00	\$ 40.00	\$ 15,680.00	\$ 105.00	\$ 41,160.00	\$ 21.00	\$ 8,232.00	\$ 5.00	\$ 1,960.00
	Open Cut Water Service Replacement - 1.5"	20	LF	\$ 50.00	\$ 1,000.00	\$ 38.50	\$ 770.00	\$ 45.00	\$ 900.00	\$ 117.00	\$ 2,340.00	\$ 30.00	\$ 600.00	\$ 10.00	\$ 200.00
	Open Cut Water Service Replacement - 2"	20	LF	\$ 60.00	\$ 1,200.00	\$ 40.00	\$ 800.00	\$ 50.00	\$ 1,000.00	\$ 122.00	\$ 2,440.00	\$ 40.00	\$ 800.00	\$ 14.00	\$ 280.00
7	Curb Stop and Box														
	Curb Stop and Box - 1"	196	EA	\$ 1,160.00	\$ 227,360.00	\$ 1,028.00	\$ 201,488.00	\$ 3,500.00	\$ 686,000.00	\$ 650.00	\$ 127,400.00	\$ 1,900.00	\$ 372,400.00	\$ 2,600.00	\$ 509,600.00
	Curb Stop and Box - 1-1/2"	2	EA	\$ 1,320.00	\$ 2,640.00	\$ 1,063.00	\$ 2,126.00	\$ 3,750.00	\$ 7,500.00	\$ 875.00	\$ 1,750.00	\$ 2,000.00	\$ 4,000.00	\$ 3,000.00	\$ 6,000.00
	Curb Stop and Box - 2"	2	EA	\$ 1,600.00	\$ 3,200.00	\$ 1,100.00	\$ 2,200.00	\$ 4,000.00	\$ 8,000.00	\$ 990.00	\$ 1,980.00	\$ 2,100.00	\$ 4,200.00	\$ 3,500.00	\$ 7,000.00
8	Traffic Rated Valve Box Protection Sleeve w/ Lid	24	EA	\$ 150.00	\$ 3,600.00	\$ 1,436.00	\$ 34,464.00	\$ 300.00	\$ 7,200.00	\$ 400.00	\$ 9,600.00	\$ 125.00	\$ 3,000.00	\$ 400.00	\$ 9,600.00
9	Interior Connection to Meter w/ Slab														
	Interior Connection to Meter w/ Slab- 1"	10	EA	\$ 1,840.00	\$ 18,400.00	\$ 2,000.00	\$ 20,000.00	\$ 4,300.00	\$ 43,000.00	\$ 2,200.00	\$ 22,000.00	\$ 1,500.00	\$ 15,000.00	\$ 3,500.00	\$ 35,000.00
	Interior Connection to Meter w/ Slab - 1-1/2"	1	EA	\$ 2,130.00	\$ 2,130.00	\$ 2,200.00	\$ 2,200.00	\$ 4,500.00	\$ 4,500.00	\$ 2,430.00	\$ 2,430.00	\$ 1,600.00	\$ 1,600.00	\$ 4,000.00	\$ 4,000.00
	Interior Connection to Meter w/ Slab - 2"	1	EA	\$ 2,490.00	\$ 2,490.00	\$ 2,500.00	\$ 2,500.00	\$ 4,750.00	\$ 4,750.00	\$ 2,800.00	\$ 2,800.00	\$ 1,700.00	\$ 1,700.00	\$ 4,500.00	\$ 4,500.00
10	Interior Connection to Meter w/ Basement or Crawl Space														
	Interior Connection to Meter w/ Basement or Crawl Space - 1"	186	EA	\$ 1,630.00	\$ 303,180.00	\$ 1,500.00	\$ 279,000.00	\$ 4,300.00	\$ 799,800.00	\$ 2,900.00	\$ 539,400.00	\$ 2,700.00	\$ 502,200.00	\$ 3,500.00	\$ 651,000.00
	Interior Connection to Meter w/ Basement or Crawl Space - 1-1/2"	2	EA	\$ 1,920.00	\$ 3,840.00	\$ 1,700.00	\$ 3,400.00	\$ 4,500.00	\$ 9,000.00	\$ 3,675.00	\$ 7,350.00	\$ 2,600.00	\$ 5,200.00	\$ 4,000.00	\$ 8,000.00
	Interior Connection to Meter w/ Basement or Crawl Space - 2"	2	EA	\$ 2,370.00	\$ 4,740.00	\$ 1,900.00	\$ 3,800.00	\$ 4,750.00	\$ 9,500.00	\$ 3,800.00	\$ 7,600.00	\$ 2,700.00	\$ 5,400.00	\$ 4,500.00	\$ 9,000.00
11	Interior Copper Pipe (beyond 10 feet)														
	Interior Copper Pipe (beyond 10 feet) - 1"	49	FT	\$ 50.00	\$ 2,450.00	\$ 4.50	\$ 220.50	\$ 10.00	\$ 490.00	\$ 40.00	\$ 1,960.00	\$ 25.00	\$ 1,225.00	\$ 60.00	\$ 2,940.00
	Interior Copper Pipe (beyond 10 feet) - 1-1/2"	10	FT	\$ 60.00	\$ 600.00	\$ 15.00	\$ 150.00	\$ 15.00	\$ 150.00	\$ 43.00	\$ 430.00	\$ 22.00	\$ 220.00	\$ 70.00	\$ 700.00
	Interior Copper Pipe (beyond 10 feet) - 2"	10	FT	\$ 70.00	\$ 700.00	\$ 20.00	\$ 200.00	\$ 25.00	\$ 250.00	\$ 48.00	\$ 480.00	\$ 23.00	\$ 230.00	\$ 80.00	\$ 800.00
12	Water Main Repair														
	Water Main Repair - 4"	2	EA	\$ 1,660.00	\$ 3,320.00	\$ 2,390.00	\$ 4,780.00	\$ 3,750.00	\$ 7,500.00	\$ 5,800.00	\$ 11,600.00	\$ 700.00	\$ 1,400.00	\$ 1,600.00	\$ 3,200.00
	Water Main Repair - 6"	4	EA	\$ 1,760.00	\$ 7,040.00	\$ 2,585.00	\$ 10,340.00	\$ 4,250.00	\$ 17,000.00	\$ 6,300.00	\$ 25,200.00	\$ 800.00	\$ 3,200.00	\$ 1,600.00	\$ 6,400.00
	Water Main Repair - 8"	4	EA	\$ 1,920.00	\$ 7,680.00	\$ 2,900.00	\$ 11,600.00	\$ 4,500.00	\$ 18,000.00	\$ 6,800.00	\$ 27,200.00	\$ 900.00	\$ 3,600.00	\$ 1,700.00	\$ 6,800.00
	Water Main Repair - 10"	2	EA	\$ 2,240.00	\$ 4,480.00	\$ 3,720.00	\$ 7,440.00	\$ 5,250.00	\$ 10,500.00	\$ 7,300.00	\$ 14,600.00	\$ 1,000.00	\$ 2,000.00	\$ 1,800.00	\$ 3,600.00
	Water Main Repair - 12"	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 4,570.00	\$ 9,140.00	\$ 6,500.00	\$ 13,000.00	\$ 8,500.00	\$ 17,000.00	\$ 1,100.00	\$ 2,200.00	\$ 1,900.00	\$ 3,800.00
13	Sanitary Sewer Repair														
	Sanitary Sewer Repair - 8"	10	EA	\$ 1,330.00	\$ 13,300.00	\$ 1,777.00	\$ 17,770.00	\$ 1,250.00	\$ 12,500.00	\$ 4,600.00	\$ 46,000.00	\$ 75.00	\$ 750.00	\$ 1,600.00	\$ 16,000.00
	Sanitary Sewer Repair - 10"	5	EA	\$ 1,430.00	\$ 7,150.00	\$ 1,935.00	\$ 9,675.00	\$ 1,500.00	\$ 7,500.00	\$ 5,200.00	\$ 26,000.00	\$ 85.00	\$ 425.00	\$ 1,700.00	\$ 8,500.00
	Sanitary Sewer Repair - 12"	5	EA	\$ 1,560.00	\$ 7,800.00	\$ 2,110.00	\$ 10,550.00	\$ 2,000.00	\$ 10,000.00	\$ 6,800.00	\$ 34,000.00	\$ 100.00	\$ 500.00	\$ 1,700.00	\$ 8,500.00
14	Sanitary Lateral Adjustment	100	LF	\$ 90.00	\$ 9,000.00	\$ 12.00	\$ 1,200.00	\$ 50.00	\$ 5,000.00	\$ 200.00	\$ 20,000.00	\$ 50.00	\$ 5,000.00	\$ 100.00	\$ 10,000.00
15	Sanitary Lateral Repair	20	EA	\$ 1,400.00	\$ 28,000.00	\$ 1,200.00	\$ 24,000.00	\$ 450.00	\$ 9,000.00	\$ 5,500.00	\$ 110,000.00	\$ 50.00	\$ 1,000.00	\$ 1,000.00	\$ 20,000.00
16	Storm Sewer Adjustment	100	LF	\$ 60.00	\$ 6,000.00	\$ 30.00	\$ 3,000.00	\$ 40.00	\$ 4,000.00	\$ 250.00	\$ 25,000.00	\$ 70.00	\$ 7,000.00	\$ 150.00	\$ 15,000.00
17	Storm Sewer Pipe Repair	20	EA	\$ 900.00	\$ 18,000.00	\$ 1,000.00	\$ 20,000.00	\$ 350.00	\$ 7,000.00	\$ 2,500.00	\$ 50,000.00	\$ 25.00	\$ 500.00	\$ 1,500.00	\$ 30,000.00
18	Trench Backfill Using Excavated Materials	700	CY	\$ 20.00	\$ 14,000.00	\$ 48.00	\$ 33,600.00	\$ 1.00	\$ 700.00	\$ 40.00	\$ 28,000.00	\$ 25.00	\$ 17,500.00	\$ 1.00	\$ 700.00
19	Trench Backfill Using Imported Materials	2,200	CY	\$ 55.00	\$ 121,000.00	\$ 60.00	\$ 132,000.00	\$ 1.00	\$ 2,200.00	\$ 51.00	\$ 112,200.00	\$ 35.00	\$ 77,000.00	\$ 1.00	\$ 2,200.00
20	Lawn Restoration	500	SY	\$ 90.00	\$ 45,000.00	\$ 6.00	\$ 3,000.00	\$ 35.00	\$ 17,500.00	\$ 50.52	\$ 25,260.00	\$ 85.00	\$ 42,500.00	\$ 40.00	\$ 20,000.00
21	HMA Pavement Replacement - Class D Patch														
	HMA Pavement Replacement - Class D Patch - 5"	220	SY	\$ 130.00	\$ 28,600.00	\$ 150.00	\$ 33,000.00	\$ 90.00	\$ 19,800.00	\$ 92.00	\$ 20,240.00	\$ 155.00	\$ 34,100.00	\$ 90.00	\$ 19,800.00
	HMA Pavement Replacement - Class D Patch - 8"	1,200	SY	\$ 180.00	\$ 216,000.00	\$ 160.00	\$ 192,000.00	\$ 135.00	\$ 162,000.00	\$ 105.00	\$ 126,000.00	\$ 182.00	\$ 218,400.00	\$ 140.00	\$ 168,000.00

	HMA Pavement Replacement - Class D Patch - 12"	30	SY	\$	230.00	\$	6,900.00	\$	170.00	\$	5,100.00	\$	200.00	\$	6,000.00	\$	135.00	\$	4,050.00	\$	195.00	\$	5,850.00	\$	220.00	\$	6,600.00
22	Temporary Asphalt Cold Patch 4"	50	SY	\$	85.00	\$	4,250.00	\$	150.00	\$	7,500.00	\$	12.00	\$	600.00	\$	6.75	\$	337.50	\$	85.00	\$	4,250.00	\$	30.00	\$	1,500.00
23	Temporary Cold Weather Concrete Patch 4"	500	SF	\$	25.00	\$	12,500.00	\$	100.00	\$	50,000.00	\$	25.00	\$	12,500.00	\$	60.00	\$	30,000.00	\$	195.00	\$	97,500.00	\$	50.00	\$	25,000.00
24	HMA Driveway Replacement	75	SY	\$	110.00	\$	8,250.00	\$	150.00	\$	11,250.00	\$	65.00	\$	4,875.00	\$	75.00	\$	5,625.00	\$	155.00	\$	11,625.00	\$	130.00	\$	9,750.00
25	Concrete Driveway Replacement	75	SY	\$	170.00	\$	12,750.00	\$	175.00	\$	13,125.00	\$	175.00	\$	13,125.00	\$	165.00	\$	12,375.00	\$	195.00	\$	14,625.00	\$	160.00	\$	12,000.00
26	Concrete Sidewalk Replacement	640	SF	\$	35.00	\$	22,400.00	\$	20.00	\$	12,800.00	\$	25.00	\$	16,000.00	\$	18.65	\$	11,936.00	\$	24.00	\$	15,360.00	\$	17.50	\$	11,200.00
27	Concrete Curb and Gutter Replacement	60	LF	\$	57.00	\$	3,420.00	\$	20.00	\$	1,200.00	\$	95.00	\$	5,700.00	\$	46.00	\$	2,760.00	\$	85.00	\$	5,100.00	\$	120.00	\$	7,200.00
28	Traffic Control and Protection	1	LS	\$	25,000.00	\$	25,000.00	\$	1.00	\$	1.00	\$	65,000.00	\$	65,000.00	\$	35,000.00	\$	35,000.00	\$	100.00	\$	100.00	\$	68,000.00	\$	68,000.00
29	Barricades, Type 2 w/ Steady Burn Lights	150	Day	\$	20.00	\$	3,000.00	\$	1.00	\$	150.00	\$	5.00	\$	750.00	\$	150.00	\$	22,500.00	\$	40.00	\$	6,000.00	\$	1.00	\$	150.00
30	Advanced Warning Signs	150	Day	\$	20.00	\$	3,000.00	\$	1.00	\$	150.00	\$	5.00	\$	750.00	\$	100.00	\$	15,000.00	\$	250.00	\$	37,500.00	\$	1.00	\$	150.00
31	Flaggers	1,200	Hour	\$	120.00	\$	144,000.00	\$	20.00	\$	24,000.00	\$	125.00	\$	150,000.00	\$	120.00	\$	144,000.00	\$	140.00	\$	168,000.00	\$	1.00	\$	1,200.00
32	Inlet Baskets	50	EA	\$	200.00	\$	10,000.00	\$	200.00	\$	10,000.00	\$	85.00	\$	4,250.00	\$	350.00	\$	17,500.00	\$	45.00	\$	2,250.00	\$	1.00	\$	50.00
33	Water Service Material Disposal	5	LOADS	\$	100.00	\$	500.00	\$	1.00	\$	5.00	\$	75.00	\$	375.00	\$	385.00	\$	1,925.00	\$	125.00	\$	625.00	\$	1.00	\$	5.00
34	Clearing and Grubbing	100	SY	\$	25.00	\$	2,500.00	\$	1.00	\$	100.00	\$	35.00	\$	3,500.00	\$	30.00	\$	3,000.00	\$	85.00	\$	8,500.00	\$	25.00	\$	2,500.00
35	Tree Remove Trunk 6"- 15" Diameter	100	UNITS	\$	50.00	\$	5,000.00	\$	1.00	\$	100.00	\$	25.00	\$	2,500.00	\$	40.00	\$	4,000.00	\$	1.00	\$	100.00	\$	30.00	\$	3,000.00
36	Tree Remove Trunk 16" + Diameter	100	UNITS	\$	75.00	\$	7,500.00	\$	1.00	\$	100.00	\$	40.00	\$	4,000.00	\$	50.00	\$	5,000.00	\$	1.00	\$	100.00	\$	40.00	\$	4,000.00
37	Utility Conflicts	5	EA	\$	4,000.00	\$	20,000.00	\$	4,000.00	\$	20,000.00	\$	4,000.00	\$	20,000.00	\$	4,000.00	\$	20,000.00	\$	4,000.00	\$	20,000.00	\$	4,000.00	\$	20,000.00
38	Unforeseen Underground Conditions	20	EA	\$	5,000.00	\$	100,000.00	\$	5,000.00	\$	100,000.00	\$	5,000.00	\$	100,000.00	\$	5,000.00	\$	100,000.00	\$	5,000.00	\$	100,000.00	\$	5,000.00	\$	100,000.00
39	Rejected Soils Tests	5	EA	\$	2,000.00	\$	10,000.00	\$	2,000.00	\$	10,000.00	\$	2,000.00	\$	10,000.00	\$	2,000.00	\$	10,000.00	\$	2,000.00	\$	10,000.00	\$	2,000.00	\$	10,000.00
40	Removal and Disposal of Non-Special Hazardous Waste	100	TON	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00
41	Removal and Disposal of Certified Non-Special Waste	100	TON	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00	\$	75.00	\$	7,500.00
				\$	2,626,150.00			\$	2,246,614.50			\$	3,065,045.00			\$	3,210,928.50			\$	3,361,467.00			\$	3,569,585.00		
					AS READ:			\$	2,250,515.50			\$	3,065,045.00			\$	3,210,928.50			\$	3,361,467.00			\$	3,569,585.00		