

Johns Lake Road Widening and Resurfacing
Project No. 2017-04

ENGINEER'S ESTIMATE \$1,482,905		Goodwin Bros Construction, Inc.			D.A.B. Constructors, Inc.			CW Roberts Contracting, Inc.		
DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT
ROADWAY CONSTRUCTION										
Mobilization	LS	\$ 24,150.00	1.00	\$ 24,150.00	\$ 140,967.83	1.00	\$ 140,967.83	\$ 240,000.00	1.00	\$ 240,000.00
Maintenance of Traffic	LS	\$ 27,600.00	1.00	\$ 27,600.00	\$ 70,000.00	1.00	\$ 70,000.00	\$ 90,000.00	1.00	\$ 90,000.00
Excavation Cut	CY	\$ 8.91	24,864.00	\$ 221,538.24	\$ 5.00	23,215.00	\$ 116,075.00	\$ 9.25	24,967.00	\$ 230,944.75
Excavation Fill	CY	\$ 9.60	2,534.00	\$ 24,326.40	\$ 5.00	3,812.00	\$ 19,060.00	\$ 4.00	2,749.00	\$ 10,996.00
Grading/Final Dressing	LS	\$ 14,187.60	1.00	\$ 14,187.60	\$ 18,000.00	1.00	\$ 18,000.00	\$ 53,000.00	1.00	\$ 53,000.00
Clear and Grub	LS	\$ 10,127.00	1.00	\$ 10,127.00	\$ 33,000.00	1.00	\$ 33,000.00	\$ 63,000.00	1.00	\$ 63,000.00
6" Compacted Base (under sidewalk)	SY	\$ 2.72	4,495.00	\$ 12,226.40	\$ 2.50	5,006.00	\$ 12,515.00	\$ 2.00	6,635.00	\$ 13,270.00
12" Stabilized Shoulder (40 LBF)	SY	\$ 2.59	15,570.00	\$ 40,326.30	\$ 2.85	17,100.00	\$ 48,735.00	\$ 3.00	15,220.00	\$ 45,660.00
8" Limerock (2 lifts)	SY	\$ 10.03	15,570.00	\$ 156,167.10	\$ 12.50	14,900.00	\$ 186,250.00	\$ 13.00	14,410.00	\$ 187,330.00
1" Minimum SP 9.5	SY	\$ 5.05	14,235.00	\$ 71,886.75	\$ 5.80	15,080.00	\$ 87,464.00	\$ 5.50	14,100.00	\$ 77,550.00
1.5" Minimum SP 12.5	SY	\$ 7.55	14,235.00	\$ 107,474.25	\$ 8.00	14,900.00	\$ 119,200.00	\$ 7.10	14,100.00	\$ 100,110.00
Concrete Removal	LS	\$ 4,111.00	1.00	\$ 4,111.00	\$ 1,695.00	1.00	\$ 1,695.00	\$ 2,600.00	1.00	\$ 2,600.00
Asphalt Removal	LS	\$ 16,754.00	1.00	\$ 16,754.00	\$ 14,125.00	1.00	\$ 14,125.00	\$ 2,500.00	1.00	\$ 2,500.00
Prime and Sand	SY	\$ 0.50	14,235.00	\$ 7,117.50	\$ 0.55	16,189.00	\$ 8,903.95	\$ 0.55	21,045.00	\$ 11,574.75
Tack Coat	SY	\$ 0.50	14,235.00	\$ 7,117.50	\$ 0.27	29,980.00	\$ 8,094.60	\$ 0.40	14,280.00	\$ 5,712.00
Curb Type F	LF	\$ 14.40	6,900.00	\$ 99,360.00	\$ 15.00	7,912.00	\$ 118,680.00	\$ 15.50	7,135.00	\$ 110,592.50
4" Thick Sidewalk	SY	\$ 36.00	4,179.00	\$ 150,444.00	\$ 27.00	4,200.00	\$ 113,400.00	\$ 42.00	4,365.00	\$ 183,330.00
6" Thick Sidewalk	SY			\$ -	\$ 120.00	14.00	\$ 1,680.00	\$ 45.00	1,985.00	\$ 89,325.00
RCP 36"	LF	\$ 230.56	124.00	\$ 28,589.44	\$ 170.00	124.00	\$ 21,080.00	\$ 100.00	128.00	\$ 12,800.00
RCP 30"	LF	\$ 84.54	91.00	\$ 7,693.14	\$ 135.00	91.00	\$ 12,285.00	\$ 85.00	96.00	\$ 8,160.00
RCP 24"	LF	\$ 62.89	1,717.00	\$ 107,982.13	\$ 64.00	1,717.00	\$ 109,888.00	\$ 65.00	1,808.00	\$ 117,520.00
RCP 18"	LF	\$ 42.48	2,345.00	\$ 99,615.60	\$ 49.00	2,345.00	\$ 114,905.00	\$ 55.00	2,464.00	\$ 135,520.00
ERCP 24" x 38"	LF	\$ 168.17	60.00	\$ 10,090.20	\$ 142.00	60.00	\$ 8,520.00	\$ 100.00	72.00	\$ 7,200.00
ERCP 14" x 23"	LF	\$ 64.35	183.00	\$ 11,776.05	\$ 78.00	183.00	\$ 14,274.00	\$ 90.00	24.00	\$ 2,160.00
Type C Inlet with Sump	EA	\$ 2,450.40	1.00	\$ 2,450.40	\$ 2,880.00	1.00	\$ 2,880.00	\$ 3,100.00	1.00	\$ 3,100.00
Type C Inlet	EA	\$ 2,193.60	1.00	\$ 2,193.60	\$ 2,770.00	2.00	\$ 5,540.00	\$ 3,500.00	1.00	\$ 3,500.00
Type D Inlet with Sump	EA	\$ 2,838.17	1.00	\$ 2,838.17	\$ 3,250.00	1.00	\$ 3,250.00	\$ 3,600.00	1.00	\$ 3,600.00
Type D Inlet	EA	\$ 2,717.47	1.00	\$ 2,717.47	\$ 3,250.00	1.00	\$ 3,250.00	\$ 3,600.00	1.00	\$ 3,600.00
Type P5 Inlet	EA	\$ 3,952.09	21.00	\$ 82,993.89	\$ 5,100.00	21.00	\$ 107,100.00	\$ 4,200.00	21.00	\$ 88,200.00
Type P6 Inlet	EA	\$ 4,394.44	4.00	\$ 17,577.76	\$ 4,400.00	4.00	\$ 17,600.00	\$ 4,300.00	4.00	\$ 17,200.00
Type J6 Inlet	EA	\$ 4,298.67	2.00	\$ 8,597.34	\$ 4,650.00	1.00	\$ 4,650.00	\$ 7,800.00	1.00	\$ 7,800.00
Type J Manhole	EA	\$ 6,931.02	1.00	\$ 6,931.02	\$ 14,850.00	1.00	\$ 14,850.00	\$ 9,500.00	1.00	\$ 9,500.00
MES 36"	EA	\$ 3,607.48	1.00	\$ 3,607.48	\$ 3,725.00	1.00	\$ 3,725.00	\$ 2,600.00	1.00	\$ 2,600.00
MES 14" x 23"	EA	\$ 1,000.20	4.00	\$ 4,000.80	\$ 1,330.00	3.00	\$ 3,990.00	\$ 1,500.00	2.00	\$ 3,000.00
Erosion Control	LS	\$ 5,400.00	1.00	\$ 5,400.00	\$ 6,250.00	1.00	\$ 6,250.00	\$ 8,500.00	1.00	\$ 8,500.00
Silt Fence	LF	\$ 1.08	9,200.00	\$ 9,936.00	\$ 1.00	4,100.00	\$ 4,100.00	\$ 2.00	4,500.00	\$ 9,000.00
Sod	SY	\$ 2.16	10,770.00	\$ 23,263.20	\$ 2.35	22,350.00	\$ 52,522.50	\$ 3.00	23,800.00	\$ 71,400.00
Thermoplastic Striping	LS	\$ 41,073.60	1.00	\$ 41,073.60	\$ 14,200.00	1.00	\$ 14,200.00	\$ 20,000.00	1.00	\$ 20,000.00
Fence Relocation	LF	\$ 24.06	1,630.00	\$ 39,217.80	\$ 16.75	2,760.00	\$ 46,230.00	\$ 3.00	4,800.00	\$ 14,400.00
Roadway Sign Removal/Installation	LS	\$ 6,510.00	1.00	\$ 6,510.00	\$ 3,160.00	1.00	\$ 3,160.00	\$ 2,200.00	1.00	\$ 2,200.00
Gate Relocation	LS	\$ 2,700.00	1.00	\$ 2,700.00	\$ 1,680.00	1.00	\$ 1,680.00	\$ 1,200.00	1.00	\$ 1,200.00
Curb Ramps Type E	EA	\$ 960.00	3.00	\$ 2,880.00	\$ 1,860.00	4.00	\$ 7,440.00	\$ 1,900.00	14.00	\$ 26,600.00
Hot Dipped Galvanized Guiderail	LF	\$ 60.00	15.00	\$ 900.00	\$ 112.00	15.00	\$ 1,680.00	\$ 110.00	15.00	\$ 1,650.00
Concrete Base for Guiderail	LF	\$ 66.00	15.00	\$ 990.00	\$ 172.00	15.00	\$ 2,580.00	\$ 220.00	15.00	\$ 3,300.00
Survey/Layout/As Builts	LS	\$ 46,656.00	1.00	\$ 46,656.00	\$ 43,000.00	1.00	\$ 43,000.00	\$ 84,000.00	1.00	\$ 84,000.00
Payment/Performance Bond	LS	\$ 30,109.20	1.00	\$ 30,109.20	\$ 15,000.00	1.00	\$ 15,000.00	\$ 1.00	1.00	\$ 1.00
NPDES Permit	LS	\$ 3,000.00	1.00	\$ 3,000.00	\$ 600.00	1.00	\$ 600.00	\$ 720.00	1.00	\$ 720.00
Portable Toilet	LS	\$ 960.00	1.00	\$ 960.00	\$ 1,100.00	1.00	\$ 1,100.00	\$ 4,200.00	1.00	\$ 4,200.00
Drop Curb	LF	\$ 19.20	960.00	\$ 18,432.00						\$ -
4" Black Vinyl Fence	LF	\$ 21.60	120.00	\$ 2,592.00				\$ 22.00	180.00	\$ 3,960.00
6" Concrete Driveway Aprons	SF	\$ 42.00	1,771.00	\$ 74,382.00	\$ 95.00	546.00	\$ 51,870.00			\$ -
Detectable Warning Mats	EA	\$ 660.00	8.00	\$ 5,280.00	\$ 270.00	12.00	\$ 3,240.00			\$ -
2" Conduit (Electrical)	LF	\$ 7.50	8,600.00	\$ 64,500.00				\$ 6.00	4,250.00	\$ 25,500.00
24" x 36" Pull Boxes	EA	\$ 1,532.40	10.00	\$ 15,324.00			\$ -	\$ 1,500.00	7.00	\$ 10,500.00
Concrete Flume	LS	\$ 4,320.00	1.00	\$ 4,320.00	\$ 4,800.00	1.00	\$ 4,800.00	\$ 72.00	37.00	\$ 2,664.00
Concrete Driveways	SY				\$ 62.00	272.00	\$ 16,864.00			\$ -
Fiber Conduit and Pull Boxes	LS				\$ 49,500.00	1.00	\$ 49,500.00			\$ -
Asphalt Driveways	SY				\$ 50.00	1,289.00	\$ 64,450.00	\$ 28.00	500.00	\$ 14,000.00
Milling 1"	SY				\$ 26.00	180.00	\$ 4,680.00			\$ -
New Chain Link Fence	LF				\$ 19.00	210.00	\$ 3,990.00			\$ -
RIP RAP	CY				\$ 333.00	40.00	\$ 13,320.00	\$ 150.00	40.00	\$ 6,000.00
Concrete Valley Gutter	LF							\$ 20.00	950.00	\$ 19,000.00
Disassemble Gate/Remove Fence	LEA							\$ 1,500.00	1.00	\$ 1,500.00
Mill and Resurface 1"	SY							\$ 8.00	180.00	\$ 1,440.00
SUBTOTAL ROADWAY CONSTRUCTION				\$ 1,792,994.33			\$ 1,977,888.88			\$ 2,274,690.00
WATER MAIN INSTALLATION										
Mobilization	LS	\$ 15,000.00	1.00	\$ 15,000.00	\$ 3,086.60	1.00	\$ 3,086.60	\$ 2,250.00	1.00	\$ 2,250.00
Layout & As Builts	LS	\$ 11,064.00	1.00	\$ 11,064.00	\$ 9,400.00	1.00	\$ 9,400.00	\$ 5,300.00	1.00	\$ 5,300.00
6" Wet Tap	EA	\$ 4,621.70	1.00	\$ 4,621.70	\$ 3,400.00	1.00	\$ 3,400.00	\$ 2,500.00	1.00	\$ 2,500.00
8" Wet Tap	LF	\$ 9,033.67	2.00	\$ 18,067.34	\$ 3,600.00	2.00	\$ 7,200.00	\$ 3,300.00	2.00	\$ 6,600.00
8" Water Main	LF	\$ 26.11	3,580.00	\$ 93,473.80	\$ 21.50	3,518.00	\$ 75,637.00	\$ 23.25	3,500.00	\$ 81,375.00
8" Gate Valves	EA	\$ 2,056.48	11.00	\$ 22,621.28	\$ 8,800.00	1.00	\$ 8,800.00	\$ 1,300.00	11.00	\$ 14,300.00
8" Fittings	LS	\$ 15,113.36	1.00	\$ 15,113.36	\$ 4,550.00	8.00	\$ 36,400.00	\$ 6,600.00	1.00	\$ 6,600.00
Fire Hydrant Assemblies	EA	\$ 5,504.48	8.00	\$ 44,035.84	\$ 1,650.00	11.00	\$ 18,150.00	\$ 4,900.00	8.00	\$ 39,200.00
Air Release Valves & Vaults	EA	\$ 11,302.06	2.00	\$ 22,604.12	\$ 5,400.00	2.00	\$ 10,800.00	\$ 965.00	2.00	\$ 1,930.00
Jumper Assemblies	EA	\$ 3,069.08	3.00	\$ 9,207.24	\$ 1,550.00	3.00	\$ 4,650.00	\$ 365.00	6.00	\$ 2,190.00
Blow-Off Assemblies	EA	\$ 856.22	1.00	\$ 856.22	\$ 1,650.00	1.00	\$ 1,650.00	\$ 950.00	3.00	\$ 2,850.00
Water Services	EA	\$ 2,028.70	17.00	\$ 34,487.90	\$ 1,300.00	19.00	\$ 24,700.00	\$ 830.00	16.00	\$ 13,280.00
Testing	LS	\$ 4,773.12	1.00	\$ 4,773.12	\$ 7,700.00	1.00	\$ 7,700.00	\$ 8,900.00	1.00	\$ 8,900.00
Cut, Cap, & Remove Existing Water Main	LS	\$ 6.00	3,511.00	\$ 21,066.00	\$ 6.70	4,392.00	\$ 29,426.40	\$ 8.00	3,400.00	\$ 27,200.00
SUBTOTAL WATER MAIN INSTALLATION				\$ 316,991.92			\$ 241,000.00			\$ 214,475.00
TOTAL LUMP SUM BID				\$ 2,109,986.25			\$ 2,218,888.88			\$ 2,489,165.00
NUMBER OF CALENDAR DAYS				210			200			330
COMMENTS								Math Error: Total on their tabulation sheet is same, but total on summary sheet was \$2,275,938.18 for Roadway Construction		