

2017 Local Roadway Improvements

City of Beech Grove

Project Budget Summary

Prepared on 6/21/2017

Updated 7/10/2017

		TOTAL COST	STATE COST ⁽¹⁾	LOCAL COST ⁽²⁾
PREVIOUSLY COMPLETED PROJECTS		\$257,552	\$128,776	\$0
Lifegate Way (Emerson Ave to Dead End)	\$26,194.65			
St. John Court North (Yazoo Dr to Cul-de-sac)	\$33,514.59			
Birch Street (Memorial Dr to 4th Ave)	\$59,898.51			
12th Avenue (Alton St to Southeast Pkwy)	\$31,511.36			
Southeast Parkway (13th Ave to 11th Ave)	\$55,271.85			
Alley between 16th Ave & 17th Ave (Buffalo St to Detroit St)	\$51,161.01			
2017 ESTIMATED CONSTRUCTION COSTS		\$536,000	\$268,000	\$268,000
Adelaide Street (Butler Ave to Dead End)	\$68,000			
12th Avenue (Churchman Ave to Alton St)	\$38,000			
21st Avenue (Cleveland St to Southern Ave)	\$129,000			
Ash Street (9th Ave to 4th Ave)	\$162,000			
6th Avenue (Ash St to Churchman Ave)	\$93,000			
South Grove Int. School (North Approaches on 9th Ave)	\$46,000			
2017 ESTIMATED PROFESSIONAL ENGINEERING SERVICES		\$132,000	\$0	\$132,000
Update Pavement Asset Mgmt. Plan for CCMG Application	\$5,000			
Road Design and Plans (Incl. Bidding Services)	\$72,000			
Part-Time Construction Inspection	\$55,000			
TOTAL COST		\$925,552	\$396,776	\$400,000

1) Assumes 50% match from Community Crossings Matching Grant (CCMG); up to \$1,000,000.

2) Local Cost for Previously Completed Projects has already been spent/obligated.

Beech Grove Resurface 2017 Street by Street Cost Breakdown

		Quantity	Unit	Unit Price	Dollar Amount
Smith Projects - Overall Contract		Contract Total			= \$46,000.00
Item #1	Construction Engineering	1	LS	\$2,500.00	\$2,500.00
Item #2	Mobilization and Demobilization	1	LS	\$23,300.00	\$23,300.00
Item #3	Clearing Right-of-Way	1	LS	\$3,500.00	\$3,500.00
Item #24	Maintaining Traffic	1	LS	\$5,400.00	\$5,400.00
Add-On	ADA Ramp on Henthorn Property	1	LS	\$11,300.00	\$11,300.00
Undistributed Quantities					

Butler Avenue	Adealaide Street to Elmwood Avenue				Street Total	= \$78,256.42
Item #8	Excavation, Common	474.37	CYS	\$36.00	\$17,077.32	
Item #9	Subgrade Treatment, Type II	2880	SYS	\$7.00	\$20,160.00	
Item #10	Compacted Aggregate, No. 53 Base	90	TON	\$21.00	\$1,890.00	
Item #12	HMA Surface, Type B	206.13	TON	\$69.00	\$14,222.97	
Item #13	HMA Intermediate, Type B	340.39	TON	\$67.00	\$22,806.13	
Item #23	Casting Adjust To Grade	6	EA	\$350.00	\$2,100.00	
Item #30	Line Thermo, Soild Yellow, 4"		LFT	\$1.00	\$0.00	
Item #31	Thermo Stop Line 24"		LFT	\$7.00	\$0.00	
Item #33	Snowplow Pavement Markers		EA	\$185.00	\$0.00	

7th Avenue	Alley North of Main Street to Buffalo Street				Street Total	= \$33,058.73
Item #6	Curb and Gutter Remove	99.5	LFT	\$10.00	\$995.00	
Item #7	Sidewalk, Concrete, Remove	76.39	SYS	\$17.00	\$1,298.63	
Item #8	Excavation, Common		CYS	\$36.00	\$0.00	
Item #11	Milling, Asphalt, 1.5"	2736	SYS	\$3.85	\$10,533.60	
Item #12	HMA Surface, Type B		TON	\$69.00	\$0.00	
Item #14	HMA Base, Type B for Base Repair		TON	\$71.00	\$0.00	
Item #16	Curb Ramp, Concrete	86.64	SYS	\$200.00	\$17,328.00	
Item #17	Curb, Concrete, Modified	95.5	LFT	\$25.00	\$2,387.50	
Item #18	Curb and Gutter, Concrete	25.8	LFT	\$20.00	\$516.00	
Item #31	Thermo Stop Line 24"		LFT	\$7.00	\$0.00	
Item #32	Thermo Crosswalk Line 6"		LFT	\$1.75	\$0.00	
Item #33	Snowplow Pavement Markers		EA	\$185.00	\$0.00	

9th Avenue	Alley North of Main Street to Albany Street				Street Total	= \$30,474.85
Item #6	Curb and Gutter Remove	54	LFT	\$10.00	\$540.00	
Item #7	Sidewalk, Concrete, Remove	69.42	SYS	\$17.00	\$1,180.14	
Item #8	Excavation, Common	0	CYS	\$36.00	\$0.00	
Item #11	Milling, Asphalt, 1 1/2 IN	1558.12	SYS	\$3.85	\$5,998.76	
Item #12	HMA Surface, Type B	179.65	TON	\$69.00	\$12,395.85	
Item #14	HMA Base, Type B for Base Repair	0	TON	\$71.00	\$0.00	
Item #15	Sidewalk, Concrete	14.78	SYS	\$45.00	\$665.10	
Item #16	Curb Ramp, Concrete	43.7	SYS	\$200.00	\$8,740.00	
Item #17	Curb, Concrete, Modified	25	LFT	\$25.00	\$625.00	
Item #18	Curb and Gutter, Concrete	16.5	LFT	\$20.00	\$330.00	
Item #32	Thermo Crosswalk Line 6"		LFT	\$1.75	\$0.00	
Item #33	Snowplow Pavement Markers		EA	\$185.00	\$0.00	

Beech Grove Resurface 2017 Street by Street Cost Breakdown

9th Avenue	Albany Street to Buffalo Street			Street Total =	\$91,388.29
Item #4	Pavement Removal	78.72	SYS	\$25.00	\$1,968.00
Item #6	Curb and Gutter Remove	472.2	LFT	\$10.00	\$4,722.00
Item #7	Sidewalk, Concrete, Remove	150.37	SYS	\$17.00	\$2,556.29
Item #8	Excavation, Common	275.28	CYS	\$36.00	\$9,910.08
Item #9	Subgrade Treatment, Type II	1318.06	SYS	\$7.00	\$9,226.42
Item #10	Compacted Aggregate, No. 53 Base	58.66	TON	\$21.00	\$1,231.86
Item #11	Milling, Asphalt, 1.5"	611.28	SYS	\$3.85	\$2,353.43
Item #12	HMA Surface, Type B	160.07	TON	\$69.00	\$11,044.83
Item #13	HMA Intermediate, Type B	200.69	TON	\$67.00	\$13,446.23
Item #15	Sidewalk, Concrete	161.43	SYS	\$45.00	\$7,264.35
Item #16	Curb Ramp, Concrete	25.12	SYS	\$200.00	\$5,024.00
Item #17	Curb, Concrete, Modified	84	LFT	\$25.00	\$2,100.00
Item #18	Curb and Gutter, Concrete	683.7	LFT	\$20.00	\$13,674.00
Item #19	PCCP For Approaches, 6 "	78.72	SYS	\$65.00	\$5,116.80
Item #23	Casting Adjust To Grade	5	EA	\$350.00	\$1,750.00

Alton Street	2nd Avenue to 9th Avenue			Street Total =	\$11,472.03
Item #8	Excavation, Common	57.1	CYS	\$36.00	\$2,055.60
Item #12	HMA Surface, Type B	136.47	TON	\$69.00	\$9,416.43

Lifegate Way	Emerson Avenue to Dead End			Street Total =	\$26,194.65
Item #8	Excavation, Common	73.21	CYS	\$36.00	\$2,635.56
Item #9	Subgrade Treatment, Type II	0	SYS	\$7.00	\$0.00
Item #11	Milling, Asphalt, 1.5"	1830	SYS	\$3.85	\$7,045.50
Item #12	HMA Surface, Type B	224.11	TON	\$69.00	\$15,463.59
Item #13	HMA Intermediate, Type B	0	TON	\$67.00	\$0.00
Item #23	Casting Adjust To Grade	3	EA	\$350.00	\$1,050.00

St. John's Court	Yazoo Drive to Cul-de-sac			Street Total =	\$33,514.59
Item #4	Pavement Removal	129.31	SYS	\$25.00	\$3,232.75
Item #6	Curb and Gutter Remove	125.5	LFT	\$10.00	\$1,255.00
Item #7	Sidewalk, Concrete, Remove	11.92	SYS	\$17.00	\$202.64
Item #8	Excavation, Common	0.78	CYS	\$36.00	\$28.08
Item #9	Subgrade Treatment, Type II	141.23	SYS	\$7.00	\$988.61
Item #11	Milling, Asphalt, 1.5"	972.72	SYS	\$3.85	\$3,744.97
Item #12	HMA Surface, Type B	180.71	TON	\$69.00	\$12,468.99
Item #14	HMA Base, Type B for Base Repair	2	TON	\$71.00	\$142.00
Item #15	Sidewalk, Concrete	11.92	SYS	\$45.00	\$536.40
Item #18	Curb and Gutter, Concrete	125.5	LFT	\$20.00	\$2,510.00
Item #19	PCCP For Approaches, 6 "	129.31	SYS	\$65.00	\$8,405.15

Beech Grove Resurface 2017 Street by Street Cost Breakdown

Birch Street	Memorial Drive to 4th Avenue	Street Total =	\$59,898.51
Item #4	Pavement Removal	70.59 SYS	\$25.00 \$1,764.75
Item #6	Curb and Gutter Remove	701 LFT	\$10.00 \$7,010.00
Item #7	Sidewalk, Concrete, Remove	78 SYS	\$17.00 \$1,326.00
Item #8	Excavation, Common	47.12 CYS	\$36.00 \$1,696.32
Item #9	Subgrade Treatment, Type II	0 SYS	\$7.00 \$0.00
Item #11	Milling, Asphalt, 1 1/2 IN	1767 SYS	\$3.85 \$6,802.95
Item #12	HMA Surface, Type B	224.71 TON	\$69.00 \$15,504.99
Item #13	HMA Intermediate, Type B	0 TON	\$67.00 \$0.00
Item #14	HMA Base, Type B for Base Repair	0 TON	\$71.00 \$0.00
Item #15	Sidewalk, Concrete	30.45 SYS	\$45.00 \$1,370.25
Item #16	Curb Ramp, Concrete	19.56 SYS	\$200.00 \$3,912.00
Item #18	Curb and Gutter, Concrete	689 LFT	\$20.00 \$13,780.00
Item #19	PCCP For Approaches, 6 "	61.25 SYS	\$65.00 \$3,981.25
Item #21	Water	0.4 kGal	\$500.00 \$200.00
Item #22	Sodding	40 SYS	\$20.00 \$800.00
Item #23	Casting Adjust To Grade	5 EA	\$350.00 \$1,750.00

12th Avenue	Alton Street to Southeast Parkway	Street Total =	\$31,511.36
Item #5	Curb, Concrete, Remove	31.5 LFT	\$15.00 \$472.50
Item #7	Sidewalk, Concrete, Remove	11.5 SYS	\$17.00 \$195.50
Item #8	Excavation, Common	163.93 CYS	\$36.00 \$5,901.48
Item #9	Subgrade Treatment, Type II	1028 SYS	\$7.00 \$7,196.00
Item #12	HMA Surface, Type B	81.83 TON	\$69.00 \$5,646.27
Item #13	HMA Intermediate, Type B	132.83 TON	\$67.00 \$8,899.61
Item #16	Curb Ramp, Concrete	12.5 SYS	\$200.00 \$2,500.00
Item #23	Casting Adjust To Grade	2 EA	\$350.00 \$700.00

Southeast Parkway	11th Avenue to 13th Avenue	Street Total =	\$55,271.85
Item #7	Sidewalk, Concrete, Remove	0 SYS	\$17.00 \$0.00
Item #8	Excavation, Common	272.47 CYS	\$36.00 \$9,808.92
Item #9	Subgrade Treatment, Type II	1869 SYS	\$7.00 \$13,083.00
Item #12	HMA Surface, Type B	126.83 TON	\$69.00 \$8,751.27
Item #13	HMA Intermediate, Type B	207.83 TON	\$67.00 \$13,924.61
Item #15	Sidewalk, Concrete	0 SYS	\$45.00 \$0.00
Item #19	PCCP For Approaches, 6 "	137.37 SYS	\$65.00 \$8,929.05
Item #23	Casting Adjust To Grade	2 EA	\$350.00 \$700.00
Item #25	Sign, Sheet, Remove	0 EA	\$75.00 \$0.00
Item #26	Sign Post, Type 1 Anchor Base	0 LFT	\$410.00 \$0.00
Item #27	Sign, Sheet, Assembly Relocate	1 EA	\$75.00 \$75.00
Item #28	Sign, Sheet and Supports Remove	0 EA	\$175.00 \$0.00
Item #29	Sign, Sheet w/Legend, 0.080 IN	0 SFT	\$105.00 \$0.00

Beech Grove Resurface 2017 Street by Street Cost Breakdown

Churchman Ave.	Emerson Avenue to Fire House Parking Lot				Street Total =	\$43,286.44
	Item #4	Pavement Removal	87.69	SYS	\$25.00	\$2,192.25
	Item #6	Curb and Gutter Remove	106.1	LFT	\$10.00	\$1,061.00
	Item #7	Sidewalk, Concrete, Remove	14.45	SYS	\$17.00	\$245.65
	Item #8	Excavation, Common	69.55	CYS	\$36.00	\$2,503.80
	Item #9	Subgrade Treatment, Type II	147.82	SYS	\$7.00	\$1,034.74
	Item #10	Compacted Aggregate, No. 53 Base	78.63	TON	\$21.00	\$1,651.23
	Item #12	HMA Surface, Type B	20.17	TON	\$69.00	\$1,391.73
	Item #13	HMA Intermediate, Type B	14.52	TON	\$67.00	\$972.84
	Item #15	Sidewalk, Concrete	343.34	SYS	\$45.00	\$15,450.30
	Item #16	Curb Ramp, Concrete	14.07	SYS	\$200.00	\$2,814.00
	Item #17	Curb, Concrete, Modified	279.5	LFT	\$25.00	\$6,987.50
	Item #18	Curb and Gutter, Concrete	58	LFT	\$20.00	\$1,160.00
	Item #20	PCCP For Approaches, 9"	61.02	SYS	\$70.00	\$4,271.40
	Item #21	Water	0.3	kGal	\$500.00	\$150.00
	Item #22	Sodding	70	SYS	\$20.00	\$1,400.00

Alley Between 16th and 17th Avenue	Buffalo Street to Detroit Street				Street Total =	\$51,161.01
	Item #8	Excavation, Common	469.47	CYS	\$36.00	\$16,900.92
	Item #9	Subgrade Treatment, Type II	1357.89	SYS	\$7.00	\$9,505.23
	Item #10	Compacted Aggregate, No. 53 Base	137.29	TON	\$21.00	\$2,883.09
	Item #12	HMA Surface, Type B	119.61	TON	\$69.00	\$8,253.09
	Item #13	HMA Intermediate, Type B	198.04	TON	\$67.00	\$13,268.68
	Item #23	Casting Adjust To Grade	1	EA	\$350.00	\$350.00

Current Construction Total Cost = \$591,488.73

Prepared by RPR - Josh Sherron - United Consulting

Adelaide St (Butler to Dead End)

Pay Item	Quantity	Unit Cost	Pay Unit	Total Cost
Excavation, Common	210.0	\$ 50.00	CYS	\$ 10,500.00
Subgrade Treatment, Type II	1,330.0	\$ 15.00	SYS	\$ 19,950.00
HMA Surface, Type B	110.0	\$ 75.00	TON	\$ 8,250.00
HMA Intermediate, Type B	260.0	\$ 65.00	TON	\$ 16,900.00
HMA for Approaches, Type B	50.0	\$ 100.00	TON	\$ 5,000.00
Transverse Marking, Thermoplastic, Stop Line, 24"	10.0	\$ 10.00	LFT	\$ 100.00
Snowplowable Raised Pavement Marker (Blue)	1.0	\$ 275.00	EACH	\$ 275.00
SUBTOTAL 1:				\$ 60,975.00
Construction Engineering		1.0%	LS	\$ 609.75
Mobilization & Demobilization		5.0%	LS	\$ 3,048.75
Clearing Right-of-Way		1.0%	LS	\$ 609.75
Maintenance of Traffic		4.0%	LS	\$ 2,439.00
SUBTOTAL 2:				\$ 6,707.25
TOTAL CONSTRUCTION COST:				\$ 67,682.25
ROUNDED CONSTRUCTION COST:				\$ 68,000

* Unit Costs based on average prices from Phase 2 Package 2 bid on February 6, 2017.

12th Ave (Churchman to Alton)

Pay Item	Quantity	Unit Cost	Pay Unit	Total Cost
Excavation, Common	90.0	\$ 50.00	CYS	\$ 4,500.00
Subgrade Treatment, Type II	800.0	\$ 15.00	SYS	\$ 12,000.00
HMA Surface, Type B	70.0	\$ 75.00	TON	\$ 5,250.00
HMA Intermediate, Type B	110.0	\$ 65.00	TON	\$ 7,150.00
Curb Ramp, Concrete	30.0	\$ 150.00	SYS	\$ 4,500.00
Transverse Marking, Thermoplastic, Crosswalk, 6"	150.0	\$ 2.00	LFT	\$ 300.00
Transverse Marking, Thermoplastic, Stop Line, 24"	30.0	\$ 10.00	LFT	\$ 300.00
SUBTOTAL 1:				\$ 34,000.00
Construction Engineering		1.0%	LS	\$ 340.00
Mobilization & Demobilization		5.0%	LS	\$ 1,700.00
Clearing Right-of-Way		1.0%	LS	\$ 340.00
Maintenance of Traffic		4.0%	LS	\$ 1,360.00
SUBTOTAL 2:				\$ 3,740.00
TOTAL CONSTRUCTION COST:				\$ 37,740.00
ROUNDED CONSTRUCTION COST:				\$ 38,000

* Unit Costs based on average prices from Phase 2 Package 2 bid on February 6, 2017.

21st Ave (Cleveland to Southern)

Pay Item	Quantity	Unit Cost	Pay Unit	Total Cost
Excavation, Common	320.0	\$ 50.00	CYS	\$ 16,000.00
Subgrade Treatment, Type II	2,800.0	\$ 15.00	SYS	\$ 42,000.00
HMA Surface, Type B	240.0	\$ 75.00	TON	\$ 18,000.00
HMA Intermediate, Type B	390.0	\$ 65.00	TON	\$ 25,350.00
Curb Ramp, Concrete	15.0	\$ 150.00	SYS	\$ 2,250.00
Casting, Adjust to Grade	5.0	\$ 400.00	EACH	\$ 2,000.00
Drainage Improvements	1.0	\$ 10,000.00	LS	\$ 10,000.00
Transverse Marking, Thermoplastic, Crosswalk, 6"	100.0	\$ 2.00	LFT	\$ 200.00
Transverse Marking, Thermoplastic, Stop Line, 24"	60.0	\$ 10.00	LFT	\$ 600.00
Snowplowable Raised Pavement Marker (Blue)	4.0	\$ 275.00	EACH	\$ 1,100.00
SUBTOTAL 1:				\$ 117,500.00
Construction Engineering		1.0%	LS	\$ 1,175.00
Mobilization & Demobilization		5.0%	LS	\$ 5,875.00
Clearing Right-of-Way		1.0%	LS	\$ 1,175.00
Maintenance of Traffic		4.0%	LS	\$ 4,700.00
SUBTOTAL 2:				\$ 12,925.00
TOTAL CONSTRUCTION COST:				\$ 130,425.00
ROUNDED CONSTRUCTION COST:				\$ 131,000

* Unit Costs based on average prices from Phase 2 Package 2 bid on February 6, 2017.

Ash St (9th to 4th)

Pay Item	Quantity	Unit Cost	Pay Unit	Total Cost
Pavement Removal	780.0	\$ 30.00	SYS	\$ 23,400.00
Sidewalk, Concrete, Remove	140.0	\$ 20.00	SYS	\$ 2,800.00
HMA Milling, 1.5"	2330.0	\$ 5.00	SYS	\$ 11,650.00
Subgrade Treatment, Type II	780.0	\$ 15.00	SYS	\$ 11,700.00
HMA Surface, Type B	260.0	\$ 75.00	TON	\$ 19,500.00
HMA Base, Type B for Base Repair	200.0	\$ 95.00	TON	\$ 19,000.00
Casting, Adjust to Grade	11.0	\$ 400.00	EACH	\$ 4,400.00
Sidewalk, Concrete	140.0	\$ 45.00	SYS	\$ 6,300.00
Curb Ramp, Concrete	75.0	\$ 150.00	SYS	\$ 11,250.00
Curb & Gutter, Roll Curb	780.0	\$ 30.00	LFT	\$ 23,400.00
PCCP for Approaches, 6 IN.	150.0	\$ 65.00	SYS	\$ 9,750.00
Transverse Marking, Thermoplastic, Crosswalk, 6"	270.0	\$ 2.00	LFT	\$ 540.00
Transverse Marking, Thermoplastic, Stop Line, 24"	75.0	\$ 10.00	LFT	\$ 750.00
Snowplowable Raised Pavement Marker (Blue)	3.0	\$ 275.00	EACH	\$ 825.00
SUBTOTAL 1:				\$ 145,265.00
Construction Engineering		1.0%	LS	\$ 1,452.65
Mobilization & Demobilization		5.0%	LS	\$ 7,263.25
Clearing Right-of-Way		1.0%	LS	\$ 1,452.65
Maintenance of Traffic		4.0%	LS	\$ 5,810.60
SUBTOTAL 2:				\$ 15,979.15
TOTAL CONSTRUCTION COST:				\$ 161,244.15
ROUNDED CONSTRUCTION COST:				\$ 162,000

* Unit Costs based on average prices from Phase 2 Package 2 bid on February 6, 2017.

6th Ave (Ash to Churchman)

Pay Item	Quantity	Unit Cost	Pay Unit	Total Cost
Excavation, Common	100.0	\$ 50.00	CYS	\$ 5,000.00
HMA Milling, 1.5"	1680.0	\$ 5.00	SYS	\$ 8,400.00
Subgrade Treatment, Type II	560.0	\$ 15.00	SYS	\$ 8,400.00
HMA Surface, Type B	190.0	\$ 75.00	TON	\$ 14,250.00
HMA Base, Type B for Base Repair	140.0	\$ 95.00	TON	\$ 13,300.00
Sidewalk, Concrete	90.0	\$ 45.00	SYS	\$ 4,050.00
Curb Ramp, Concrete	60.0	\$ 150.00	SYS	\$ 9,000.00
Curb & Gutter, Roll Curb	440.0	\$ 30.00	LFT	\$ 13,200.00
PCCP for Approaches, 6 IN.	75.0	\$ 65.00	SYS	\$ 4,875.00
Casting, Adjust to Grade	2.0	\$ 400.00	EACH	\$ 800.00
Transverse Marking, Thermoplastic, Crosswalk, 6"	500.0	\$ 2.00	LFT	\$ 1,000.00
Transverse Marking, Thermoplastic, Stop Line, 24"	95.0	\$ 10.00	LFT	\$ 950.00
SUBTOTAL 1:				\$ 83,225.00
Construction Engineering		1.0%	LS	\$ 832.25
Mobilization & Demobilization		5.0%	LS	\$ 4,161.25
Clearing Right-of-Way		1.0%	LS	\$ 832.25
Maintenance of Traffic		4.0%	LS	\$ 3,329.00
SUBTOTAL 2:				\$ 9,154.75
TOTAL CONSTRUCTION COST:				\$ 92,379.75
ROUNDED CONSTRUCTION COST:				\$ 93,000

* Unit Costs based on average prices from Phase 2 Package 2 bid on February 6, 2017.

South Grove Intermediate School Approaches

Pay Item	Quantity	Unit Cost	Pay Unit	Total Cost
Pavement Removal	230.0	\$ 30.00	SYS	\$ 6,900.00
Sidewalk, Concrete, Remove	130.0	\$ 20.00	SYS	\$ 2,600.00
Excavation, Common	80.0	\$ 50.00	CYS	\$ 4,000.00
Sidewalk, Concrete	130.0	\$ 45.00	SYS	\$ 5,850.00
PCCP for Approaches, 9 IN.	290.0	\$ 75.00	SYS	\$ 21,750.00
SUBTOTAL 1:				\$ 41,100.00
Construction Engineering		1.0%	LS	\$ 411.00
Mobilization & Demobilization		5.0%	LS	\$ 2,055.00
Clearing Right-of-Way		1.0%	LS	\$ 411.00
Maintenance of Traffic		4.0%	LS	\$ 1,644.00
SUBTOTAL 2:				\$ 4,521.00
TOTAL CONSTRUCTION COST:				\$ 45,621.00
ROUNDED CONSTRUCTION COST:				\$ 46,000

* Unit Costs based on average prices from Phase 2 Package 2 bid on February 6, 2017.