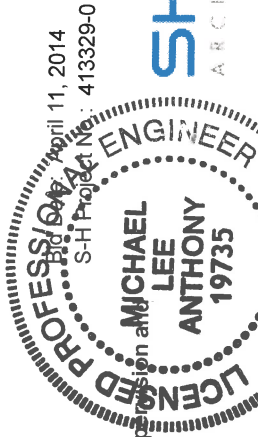


Client: City of Earlham  
 Project Name: Downtown Sidewalk / Curb / Gutter Replacement

I hereby certify that this document was prepared by me or under my direct personal supervision that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Name: Michael Lee  
 Registration #: 19735



April 11, 2014  
 S-H Project No: 413329-0

**SHIVEHATTERRY**  
 ARCHITECTURE + ENGINEERING

Item Number	Description	Estimated Quantity	Units	SEWER CORPORATION		TRICRETE CONSTRUCTION		CALIBER CONCRETE LLC	
				Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	REMOVAL OF PCC SIDEWALK, CURB, & HMA	2,636	SY	\$30.00	\$79,080.00	\$33.00	\$86,988.00	\$27.00	\$71,172.00
2	SUBGRADE PREPARATION	2,636	SY	\$8.25	\$21,747.00	\$9.00	\$23,724.00	\$9.00	\$23,724.00
3	6" PCC CURB & SIDEWALK	1,761	SY	\$74.00	\$130,314.00	\$70.00	\$123,270.00	\$96.00	\$169,056.00
4	6" PCC CURB RAMPS & DRIVEWAYS	613	SY	\$95.00	\$58,235.00	\$85.00	\$52,105.00	\$96.00	\$58,848.00
5	HMA PATCHING	262	SY	\$118.00	\$30,916.00	\$122.00	\$31,964.00	\$54.00	\$14,148.00
6	DETECTABLE WARNING STRIPS	222	SF	\$34.00	\$7,548.00	\$32.00	\$7,104.00	\$35.00	\$7,770.00
7	FIXTURE ADJUSTMENTS	16	EACH	\$600.00	\$9,600.00	\$660.00	\$10,560.00	\$1,000.00	\$16,000.00
8	TRAFFIC / PEDESTRIAN CONTROL	1	LS	\$46,000.00	\$46,000.00	\$50,000.00	\$50,000.00	\$14,000.00	\$14,000.00
9	TEMPORARY LIGHTING LUMINAIRE	6	EACH	\$2,300.00	\$13,800.00	\$2,500.00	\$15,000.00	\$14,000.00	\$14,000.00
10	REMOVAL OF PAVEMENT MARKINGS	182.7	STA	\$100.00	\$18,270.00	\$105.00	\$19,183.50	\$16.00	\$2,923.20
11	REMOVAL OF PAVEMENT MARKING SYMBOLS	5	EACH	\$100.00	\$500.00	\$105.00	\$525.00	\$125.00	\$625.00
12	PAINTED PAVEMENT MARKINGS, DURABLE	510.2	STA	\$100.00	\$51,020.00	\$105.00	\$53,571.00	\$12.00	\$6,122.40
13	PAINTED SYMBOLS, DURABLE	5	EACH	\$210.00	\$1,050.00	\$220.00	\$1,100.00	\$125.00	\$625.00
14	SIGNS AND POST ASSEMBLY	13	EACH	\$530.00	\$6,890.00	\$550.00	\$7,150.00	\$200.00	\$2,600.00
15	ELECTRICAL CIRCUITS	2,145	LF	\$3.50	\$7,507.50	\$3.60	\$7,722.00	\$4.55	\$9,759.75
16	2" PVC ELECTRICAL CONDUIT, TRENCHED	1,684	LF	\$10.00	\$16,840.00	\$10.10	\$17,008.40	\$11.25	\$18,945.00
17	2" PVC ELECTRICAL CONDUIT, TRENCHLESS	401	EACH	\$16.50	\$6,616.50	\$17.60	\$7,057.60	\$18.00	\$7,218.00
18	TYPE II HANDHOLE	12	EACH	\$1,400.00	\$16,800.00	\$1,450.00	\$17,400.00	\$1,450.00	\$17,400.00
19	SAFETY RAIL, GALVANIZED	20	LF	\$95.00	\$1,900.00	\$100.00	\$2,000.00	\$225.00	\$4,500.00
20	SIDEWALK TRENCH DRAIN	4	EACH	\$960.00	\$3,840.00	\$1,050.00	\$4,200.00	\$1,125.00	\$4,500.00
21	SODDING	11	SQUARES	\$100.00	\$1,100.00	\$100.00	\$1,100.00	\$225.00	\$2,475.00
22	CONSTRUCTION SURVEY	1	LS	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00
23	MOBILIZATION	1	LS	\$102,026.00	\$102,026.00	\$105,000.00	\$105,000.00	\$3,000.00	\$3,000.00
<b>BASE BID</b>					<b>\$639,600.00</b>		<b>\$651,732.50</b>		<b>\$474,511.35</b>
ALTERNATIVE #1: EARLHAM COMMUNITY CENTER					\$11,380.00		\$11,777.00		\$12,195.00
STREET LIGHTING AND ELECTRICAL WORK (9.15.16.17.18)					\$61,564.00		\$64,188.00		\$64,422.75
<b>TOTAL BID WITH DEDUCTS</b>					<b>\$666,656.00</b>		<b>\$575,767.50</b>		<b>\$397,893.60</b>