

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Underground Utilities, Inc.  
416 W. Monroe Street  
Monroeville, Ohio 44847

Liberta Construction  
1001 Eastwood Avenue  
Akron, Ohio 44305

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b><u>BASE BID</u></b>							
<b>WATER</b>							
1	8" PVC Waterline, AWWA C-909, CL235, Type B including Sawcutting, Pavement Removal, Bedding, Premium Backfill	945	L.F.	\$60.00	\$56,700.00	\$65.00	\$61,425.00
2	and Valve Box, Cathodic Protection, and 6" Conduit	3	EACH	\$5,000.00	\$15,000.00	\$5,343.00	\$16,029.00
3	Remove Existing Fire Hydrant and Salvage to Village for Re-use	1	EACH	\$300.00	\$300.00	\$500.00	\$500.00
4	12" x 8" Live Tap with Gate Valve, Valve Box, Cathodic Protection	1	EACH	\$4,000.00	\$4,000.00	\$5,307.00	\$5,307.00
5	Connect to Existing 8" Waterline with 8" Gate Valve & Box	1	EACH	\$3,000.00	\$3,000.00	\$3,960.00	\$3,960.00
6	8" x 45 Deg Horizontal Bend including Cathodic Protection	3	EACH	\$600.00	\$1,800.00	\$595.00	\$1,785.00
7	8" x 22 ½ Deg Horizontal Bend including Cathodic Protection	1	EACH	\$600.00	\$600.00	\$596.00	\$596.00
8	8" x 2" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, 2" x 1" Reducer, and Connection to Existing Service	1	EACH	\$1,000.00	\$1,000.00	\$2,564.00	\$2,564.00
9	8" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	21	EACH	\$300.00	\$6,300.00	\$900.00	\$18,900.00
10	2" HDPE DR 9 Service Line, Type B, Installed by Open Cut including Sawcutting, Pavement Removal, Bedding, and Premium Backfill	84	L.F.	\$35.00	\$2,940.00	\$29.00	\$2,436.00
11	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	760	L.F.	\$32.00	\$24,320.00	\$38.00	\$28,880.00
12	Tracer Wire and Warning Tape	1,909	L.F.	\$0.10	\$190.90	\$0.35	\$668.15

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Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>STORM/DRAINAGE</b>							
13	Existing Catch Basin Removed including Premium Backfill	8	EACH	\$100.00	\$800.00	\$112.00	\$896.00
14	Existing Manhole Removed including Premium Backfill	1	EACH	\$300.00	\$300.00	\$589.00	\$589.00
15	18" Storm Sewer, Type B	128	L.F.	\$120.00	\$15,360.00	\$128.00	\$16,384.00
16	18" Storm Sewer, Type B including SR 18 Pavement Replacement/Repair	77	L.F.	\$200.00	\$15,400.00	\$145.00	\$11,165.00
17	15" Storm Sewer, Type B	456	L.F.	\$84.00	\$38,304.00	\$108.00	\$49,248.00
18	12" Storm Sewer, Type B	583	L.F.	\$82.00	\$47,806.00	\$98.00	\$57,134.00
19	12" Storm Sewer, Type B, AWWA C900 DR 25	44	L.F.	\$86.00	\$3,784.00	\$105.00	\$4,620.00
20	8" Storm Sewer, Type B	4	L.F.	\$80.00	\$320.00	\$90.00	\$360.00
21	8" Storm Service SDR 35 or HDPE, Type B, including connection to proposed curb inlet manhole. 8"x6" wve. 8"x6" reducer	23	L.F.	\$60.00	\$1,380.00	\$44.00	\$1,012.00
22	6" Storm Service SDR 35 or HDPE, Type B including Connections to Proposed Storm Sewer	595	L.F.	\$50.00	\$29,750.00	\$48.00	\$28,560.00
23	6" Storm Service AWWA C900 DR 25 or C909, Type B including Connections to Proposed Storm Sewer	120	L.F.	\$55.00	\$6,600.00	\$54.00	\$6,480.00
24	Storm Manhole with Type 4 Frame & Grate	2	EACH	\$3,000.00	\$6,000.00	\$2,232.00	\$4,464.00
25	18" Storm Sewer Connection to Existing Storm Manhole including SR 18 Pavement Replacement/Repair	1	EACH	\$2,000.00	\$2,000.00	\$3,951.00	\$3,951.00
26	15" Storm Sewer Connection to Existing Storm Manhole	1	EACH	\$1,000.00	\$1,000.00	\$2,061.00	\$2,061.00
27	12" Storm Sewer Connection to Existing Catch Basin	1	EACH	\$400.00	\$400.00	\$601.00	\$601.00
28	12" Storm Sewer Connection to Proposed 15" Storm Sewer	2	EACH	\$700.00	\$1,400.00	\$370.00	\$740.00
29	8" Storm Sewer Connection to Proposed 18" Storm Sewer	1	EACH	\$400.00	\$400.00	\$305.00	\$305.00
30	6" Storm Sewer Connection to Proposed 15" Storm Sewer	1	EACH	\$400.00	\$400.00	\$405.00	\$405.00
31	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	4	EACH	\$1,800.00	\$7,200.00	\$1,564.00	\$6,256.00

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		Quantity	Unit				
32	Curb Inlet - Type 3 MH, Type 3 Frame and Grate	6	EACH	\$3,000.00	\$18,000.00	\$2,063.00	\$12,378.00
33	Catch Basin, Type 2-2B, Type 5 Frame and Grate	1	EACH	\$1,400.00	\$1,400.00	\$1,275.00	\$1,275.00
34	Existing Storm Manhole Adjusted to Grade with New Type 2 Frame & Cover and SR 18 Pavement Replacement/Repair	1	EACH	\$800.00	\$800.00	\$2,776.00	\$2,776.00
35	Warning Tape	2,114	L.F.	\$0.10	\$211.40	\$0.15	\$317.10
<b>SANITARY</b>							
36	8" Conduit, Type B, Including Removal of Existing 8" Sanitary Sewer	1,097	L.F.	\$90.00	\$98,730.00	\$147.00	\$161,259.00
37	8" Conduit, Type B, Including Removal of Existing 8" Sanitary Sewer and SR 18 Pavement Replacement/Repair	50	L.F.	\$260.00	\$13,000.00	\$166.00	\$8,300.00
38	6" Sanitary Service Lateral, SDR 35, Type B, with Connections to Existing Lateral and including Connection to Proposed Storm Sewer	648	L.F.	\$65.00	\$42,120.00	\$85.00	\$55,080.00
39	6" Sanitary Service Lateral, C900 DR 25, Type B, with Connections to Existing Lateral and including Connections to Proposed Storm Sewer	60	L.F.	\$80.00	\$4,800.00	\$87.00	\$5,220.00
40	Sanitary Manhole Type 3 with Type 1 Frame and Cover	2	EACH	\$5,000.00	\$10,000.00	\$3,604.00	\$7,208.00
41	Sanitary Manhole Type 3 with Type 1 Frame & Cover and SR 18 Pavement Replacement/Repair	1	EACH	\$6,000.00	\$6,000.00	\$3,800.00	\$3,800.00
42	Connection to Existing Manhole including Mechanic St Pavement Replacement/Repair	1	EACH	\$1,000.00	\$1,000.00	\$2,515.00	\$2,515.00
43	Existing Conduit Connection to Proposed Manhole including SR 18 Pavement Replacement/Repair	3	EACH	\$300.00	\$900.00	\$3,300.00	\$9,900.00
44	Existing Manhole Removed including Premium Backfill	3	EACH	\$200.00	\$600.00	\$400.00	\$1,200.00
45	Warning Tape	1,855	L.F.	\$0.10	\$185.50	\$0.15	\$278.25

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<b>PAVEMENT/ROADWAY</b>							
46	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$25,000.00	\$25,000.00	\$33,000.00	\$33,000.00
47	Subgrade Compaction and Proof Roll	2,507	S.Y.	\$0.25	\$626.75	\$0.50	\$1,253.50
48	10" Aggregate Base, Placed in 2-5" Compacted Lifts with Proof Roll	633	C.Y.	\$40.00	\$25,320.00	\$41.00	\$25,953.00
49	Non-tracking Tack Coat @0.06 gal/sy	116	GAL.	\$5.00	\$580.00	\$5.50	\$638.00
50	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	120	C.Y.	\$162.00	\$19,440.00	\$178.00	\$21,360.00
51	Asphalt Surface Course PG64-22, Type 1 - 1 1/2" Compacted Thickness	91	C.Y.	\$203.00	\$18,473.00	\$207.00	\$18,837.00
52	Residential 6" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	530	S.Y.	\$50.00	\$26,500.00	\$63.00	\$33,390.00
53	Commercial 8" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	72	S.Y.	\$60.00	\$4,320.00	\$72.00	\$5,184.00
54	Commercial 8" Thick Reinforced Portland Cement Concrete Drive, Class C, Excavation, Subgrade Compaction, 4" Compacted Base	324	S.Y.	\$63.00	\$20,412.00	\$72.00	\$23,328.00
55	4" Diameter Base Pipe Underdrain	1,759	L.F.	\$5.00	\$8,795.00	\$8.00	\$14,072.00
56	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	5,369	S.F.	\$5.00	\$26,845.00	\$6.00	\$32,214.00
57	ADA Sidewalk Curb Ramp	6	EACH	\$400.00	\$2,400.00	\$458.00	\$2,748.00
58	Type 2 Concrete Curb and Gutter	1,723	L.F.	\$17.00	\$29,291.00	\$16.00	\$27,568.00
59	Type 6 Concrete Curb	43	L.F.	\$30.00	\$1,290.00	\$35.00	\$1,505.00
60	Tensor TX140 Geogrid, as Directed by Engineer	250	S.Y.	\$4.00	\$1,000.00	\$4.00	\$1,000.00
61	Pavement Marking - Stop Line, 24" Wide	10	L.F.	\$5.95	\$59.50	\$6.50	\$65.00
62	Pavement Marking - Crosswalk, 12" Wide	90	L.F.	\$3.75	\$337.50	\$4.25	\$382.50
63	Pavement Marking - Single Yellow Parking Space and Walk, 4" Wide	79	L.F.	\$2.25	\$177.75	\$2.50	\$197.50
64	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT STOP W4-4P-24	1	EACH	\$75.00	\$75.00	\$165.00	\$165.00
65	Sign, Flat Sheet - MAIN STREET D3-H3-24	1	EACH	\$150.00	\$150.00	\$165.00	\$165.00
66	Sign, Flat Sheet - CHESTNUT STREET D3-H3-24	1	EACH	\$150.00	\$150.00	\$165.00	\$165.00

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Ref. No.	Description	Estimated		Unit Price	Total Price	Unit Price	Total Price
		Quantity	Unit				
67	Sign, Flat Sheet - NO TRUCKS R5-2-24	2	EACH	\$125.00	\$250.00	\$138.00	\$276.00
68	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	2	EACH	\$125.00	\$250.00	\$138.00	\$276.00
69	Ground Mounted Support No. 2 Post	60	FT.	\$10.00	\$600.00	\$11.00	\$660.00
<b>MISCELLANEOUS</b>							
70	Exploratory Excavation, as directed by the Engineer, including any necessary compacted backfill and trench plating	6	HOUR	\$300.00	\$1,800.00	\$350.00	\$2,100.00
71	Surface Video	1	L.S.	\$1,000.00	\$1,000.00	\$560.00	\$560.00
72	Mobilization	1	L.S.	\$33,000.00	\$33,000.00	\$7,500.00	\$7,500.00
73	Bond and Insurance	1	L.S.	\$10,000.00	\$10,000.00	\$7,200.00	\$7,200.00
74	Clearing and Grubbing	1	L.S.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
75	Tree and Stump Removed 12" to 24"	3	EACH	\$130.00	\$390.00	\$430.00	\$1,290.00
76	Tree and Stump Removed over 24"	2	EACH	\$440.00	\$880.00	\$970.00	\$1,940.00
77	Existing Abandoned Gas Main and Service Lines Removed Including Compacted Premium Backfill	1,921	L.F.	\$0.50	\$960.50	\$1.00	\$1,921.00
78	Existing Concrete, Asphalt, or Stone Drive Removed	933	S.Y.	\$4.00	\$3,732.00	\$3.00	\$2,799.00
79	Existing Sidewalk Removed	6,959	S.F.	\$0.50	\$3,479.50	\$0.25	\$1,739.75
80	Existing 6", 8", 10", or 12" Culvert Pipe or Storm Sewer Removed including Premium Backfill	264	L.F.	\$5.00	\$1,320.00	\$6.00	\$1,584.00
81	Existing 12" and 15" Storm Sewer Removed including Premium Backfill	277	L.F.	\$7.00	\$1,939.00	\$4.00	\$1,108.00
82	Remove Existing Signs and Support Posts and Salvage to Owner for Re-use	3	EACH	\$50.00	\$150.00	\$55.00	\$165.00
83	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	2	EACH	\$200.00	\$400.00	\$110.00	\$220.00
84	Temporary Sediment and Erosion Control	1	L.S.	\$500.00	\$500.00	\$5,250.00	\$5,250.00
85	12" and Under Conduit Repair	200	L.F.	\$15.00	\$3,000.00	\$10.00	\$2,000.00
86	Maintaining Traffic	1	L.S.	\$3,000.00	\$3,000.00	\$7,500.00	\$7,500.00

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Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
87	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro-mulching)	1	L.S.	\$10,000.00	\$10,000.00	\$13,960.00	\$13,960.00
CORRECTED BID PRICE							
TOTAL BASE BID PRICE AS SUBMITTED					\$781,395.30		\$914,026.75
(Subject to Correction)							
BID BOND					YES		YES

**ALTERNATE No. 1****WATER**

1-1	Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and Extended 6" Conduit	1	EACH	\$5,000.00	\$5,000.00	\$5,640.00	\$5,640.00
1-2	8" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	1	EACH	\$300.00	\$300.00	\$900.00	\$900.00
1-3	12" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	1	EACH	\$400.00	\$400.00	\$1,005.00	\$1,005.00
1-4	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	120	L.F.	\$32.00	\$3,840.00	\$38.00	\$4,560.00

**STORM/DRAINAGE**

1-5	12" Storm Sewer, Type B	44	L.F.	\$82.00	\$3,608.00	\$105.00	\$4,620.00
1-6	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	2	EACH	\$1,800.00	\$3,600.00	\$1,564.00	\$3,128.00
1-7	Existing Storm Manhole Adjusted to Grade with New Type 2 Frame and Cover	1	EACH	\$800.00	\$800.00	\$965.00	\$965.00

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<b>PAVEMENT/ROADWAY</b>							
1-8	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$5,000.00	\$5,000.00	\$6,930.00	\$6,930.00
1-9	Subgrade Compaction and Proof Roll	727	S.Y.	\$0.25	\$181.75	\$0.50	\$363.50
1-10	10" Aggregate Base, Placed in 2~5" Compacted Lifts with Proof Roll	187	C.Y.	\$40.00	\$7,480.00	\$41.00	\$7,667.00
1-11	Non-tracking Tack Coat @0.06 gal/sy	35	GAL.	\$5.00	\$175.00	\$5.25	\$183.75
1-12	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	33	C.Y.	\$162.00	\$5,346.00	\$169.00	\$5,577.00
1-13	Asphalt Surface Course PG64-22, Type 1 - 1 1/2" Compacted Thickness	24	C.Y.	\$203.00	\$4,872.00	\$198.00	\$4,752.00
1-14	Commercial 8" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	95	S.Y.	\$60.00	\$5,700.00	\$72.00	\$6,840.00
1-15	4" Diameter Base Pipe Underdrain	397	L.F.	\$5.00	\$1,985.00	\$8.00	\$3,176.00
1-16	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	1,876	S.F.	\$5.00	\$9,380.00	\$6.00	\$11,256.00
1-17	Type 2 Concrete Curb and Gutter	397	L.F.	\$17.00	\$6,749.00	\$16.00	\$6,352.00
1-18	Tensor TX140 Geogrid, as Directed by Engineer	73	S.Y.	\$4.00	\$292.00	\$4.00	\$292.00
1-19	Pavement Marking - Stop Line, 24" Wide	30	L.F.	\$5.95	\$178.50	\$6.50	\$195.00
1-20	Pavement Marking - Crosswalk, 12" Wide	123	L.F.	\$3.75	\$461.25	\$4.25	\$522.75
1-21	Pavement Marking - Dbl Yellow Centerline, 4"	52	L.F.	\$2.25	\$117.00	\$4.50	\$234.00
1-22	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT STOP W4-4P-24	1	EACH	\$75.00	\$75.00	\$165.00	\$165.00
1-23	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	1	EACH	\$125.00	\$125.00	\$138.00	\$138.00
1-24	Ground Mounted Support No. 2 Post	15	FT.	\$10.00	\$150.00	\$11.00	\$165.00
<b>MISCELLANEOUS</b>							
1-25	Surface Video	1	L.S.	\$100.00	\$100.00	\$70.00	\$70.00
1-26	Mobilization	1	L.S.	\$100.00	\$100.00	\$2,500.00	\$2,500.00
1-27	Bond and Insurance	1	L.S.	\$500.00	\$500.00	\$800.00	\$800.00
1-28	Clearing and Grubbing	1	L.S.	\$500.00	\$500.00	\$200.00	\$200.00

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1-29	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$200.00	\$200.00	\$110.00	\$110.00
1-30	Temporary Sediment and Erosion Control	1	L.S.	\$100.00	\$100.00	\$1,750.00	\$1,750.00
1-31	Maintaining Traffic	1	L.S.	\$100.00	\$100.00	\$2,500.00	\$2,500.00
1-32	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro-mulching)	1	L.S.	\$500.00	\$500.00	\$3,738.00	\$3,738.00
TOTAL ALTERNATE No. 1 BID PRICE (Subject to Correction)					\$67,915.50		\$87,295.00

**ALTERNATE No. 2****WATER**

2-1	Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and Extended 6" Conduit	1	EACH	\$5,000.00	\$5,000.00	\$5,640.00	\$5,640.00
2-2	12" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	2	EACH	\$400.00	\$800.00	\$1,005.00	\$2,010.00
2-3	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	114	L.F.	\$32.00	\$3,648.00	\$38.00	\$4,332.00

**STORM DRAINAGE**

2-4	12" Storm Sewer, Type B	40	L.F.	\$82.00	\$3,280.00	\$105.00	\$4,200.00
2-5	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	2	EACH	\$1,800.00	\$3,600.00	\$1,564.00	\$3,128.00
2-6	Existing Storm Manhole Adjusted to Grade with New Type 4 Frame and Cover	1	EACH	\$800.00	\$800.00	\$965.00	\$965.00

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMENTS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBRUARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Underground Utilities, Inc.  
416 W. Monroe Street  
Monroeville, Ohio 44847

Liberta Construction  
1001 Eastwood Avenue  
Akron, Ohio 44305

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>PAVEMENT/ROADWAY</b>							
2-7	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$14,500.00	\$14,500.00	\$7,260.00	\$7,260.00
2-8	Subgrade Compaction and Proof Roll	804	S.Y.	\$0.25	\$201.00	\$0.50	\$402.00
2-9	10" Aggregate Base, Placed in 2-5" Compacted Lifts with Proof Roll	212	C.Y.	\$40.00	\$8,480.00	\$41.00	\$8,692.00
2-10	Non-tracking Tack Coat @0.06 gal/sy	39	GAL.	\$5.00	\$195.00	\$5.25	\$204.75
2-11	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	36	C.Y.	\$162.00	\$5,832.00	\$169.00	\$6,084.00
2-12	Asphalt Surface Course PG64-22, Type 1 - 1½" Compacted Thickness	27	C.Y.	\$203.00	\$5,481.00	\$198.00	\$5,346.00
2-13	Residential 6" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	44	S.Y.	\$50.00	\$2,200.00	\$63.00	\$2,772.00
2-14	4" Diameter Base Pipe Underdrain	456	L.F.	\$5.00	\$2,280.00	\$8.00	\$3,648.00
2-15	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	1,869	S.F.	\$5.00	\$9,345.00	\$6.00	\$11,214.00
2-16	Type 2 Concrete Curb and Gutter	456	L.F.	\$17.00	\$7,752.00	\$16.00	\$7,296.00
2-17	Tensor TX140 Geogrid, as Directed by Engineer	81	S.Y.	\$4.00	\$324.00	\$4.00	\$324.00
2-18	Pavement Marking - Stop Line, 24" Wide	21	L.F.	\$5.95	\$124.95	\$6.50	\$136.50
2-19	Pavement Marking - Crosswalk, 12" Wide	82	L.F.	\$3.75	\$307.50	\$4.25	\$348.50
2-20	Pavement Marking - Dbl Yellow Centerline, 4"	95	L.F.	\$4.00	\$380.00	\$4.50	\$427.50
2-21	Sign, Flat Sheet - STOP SIGN R1-1-30	1	EACH	\$125.00	\$125.00	\$138.00	\$138.00
2-22	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT	2	EACH	\$150.00	\$300.00	\$165.00	\$330.00
2-23	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	2	EACH	\$125.00	\$250.00	\$138.00	\$276.00
2-24	Sign, Flat Sheet - DEAD END W14-1-24	1	EACH	\$150.00	\$150.00	\$165.00	\$165.00
2-25	Sign, Flat Sheet - PAVEMENT ENDS W8-3-24	2	EACH	\$150.00	\$300.00	\$165.00	\$330.00
2-26	Ground Mounted Support No. 2 Post	75	FT.	\$10.00	\$750.00	\$11.00	\$825.00
2-27	8"φ Concrete Filled Sch 40 Steel Pipe Bollard	5	EACH	\$200.00	\$1,000.00	\$689.00	\$3,445.00

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Underground Utilities, Inc.  
416 W. Monroe Street  
Monroeville, Ohio 44847

Liberta Construction  
1001 Eastwood Avenue  
Akron, Ohio 44305

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>MISCELLANEOUS</b>							
2-28	Surface Video	1	L.S.	\$100.00	\$100.00	\$70.00	\$70.00
2-29	Mobilization	1	L.S.	\$100.00	\$100.00	\$2,500.00	\$2,500.00
2-30	Bond and Insurance	1	L.S.	\$500.00	\$500.00	\$800.00	\$800.00
2-31	Clearing and Grubbing	1	L.S.	\$1,000.00	\$1,000.00	\$200.00	\$200.00
2-32	Existing Concrete, Asphalt, or Stone Drive Removed	44	S.Y.	\$4.00	\$176.00	\$3.00	\$132.00
2-33	Existing Sidewalk Removed	447	S.F.	\$0.50	\$223.50	\$0.25	\$111.75
2-34	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$200.00	\$200.00	\$110.00	\$110.00
2-35	Existing Concrete Pad Removed - Veteran's Memorial	172	S.Y.	\$4.00	\$688.00	\$3.00	\$516.00
2-36	Existing Wall & Foundation Removed - Veteran's Memorial	1	L.S.	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
2-37	Existing Flag Pole & Foundation Removed, Flag Pole Salvaged to Owner for Re-use - Veteran's Memorial	1	L.S.	\$1,000.00	\$1,000.00	\$500.00	\$500.00
2-38	Existing Gun & Pad Removed, Gun Salvaged to Owner for Re-use - Veteran's Memorial	1	L.S.	\$1,000.00	\$1,000.00	\$500.00	\$500.00
2-39	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$200.00	\$200.00	\$110.00	\$110.00
2-40	Temporary Sediment and Erosion Control	1	L.S.	\$100.00	\$100.00	\$1,750.00	\$1,750.00
2-41	Maintaining Traffic	1	L.S.	\$100.00	\$100.00	\$2,500.00	\$2,500.00
2-42	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro- mulchina)	1	L.S.	\$500.00	\$500.00	\$3,738.00	\$3,738.00
TOTAL ALTERNATE No. 2 BID PRICE (Subject to Correction)					\$84,292.95		\$95,477.00
Base Bid With Alternate No. 1					\$849,310.80		\$1,001,321.75
Base Bid With Alternate No. 2					\$865,688.25		\$1,009,503.75

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizi Trucking & Paving  
191 State Route 51 East 20389 First Avenue  
Norwalk, Ohio 44857 Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b><u>BASE BID</u></b>							
<b>WATER</b>							
1	8" PVC Waterline, AWWA C-909, CL235, Type B including Sawcutting, Pavement Removal, Bedding, Premium Backfill	945	L.F.	\$67.00	\$63,315.00	\$73.72	\$69,665.40
2	and Valve Box, Cathodic Protection, and 6" Conduit	3	EACH	\$5,500.00	\$16,500.00	\$5,310.10	\$15,930.30
3	Remove Existing Fire Hydrant and Salvage to Village for Re-use	1	EACH	\$385.00	\$385.00	\$150.00	\$150.00
4	12" x 8" Live Tap with Gate Valve, Valve Box, Cathodic Protection	1	EACH	\$4,825.00	\$4,825.00	\$6,693.09	\$6,693.09
5	Connect to Existing 8" Waterline with 8" Gate Valve & Box	1	EACH	\$3,325.00	\$3,325.00	\$3,648.42	\$3,648.42
6	8" x 45 Deg Horizontal Bend including Cathodic Protection	3	EACH	\$555.00	\$1,665.00	\$569.59	\$1,708.77
7	8" x 22 ½ Deg Horizontal Bend including Cathodic Protection	1	EACH	\$310.00	\$310.00	\$569.59	\$569.59
8	8" x 2" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, 2" x 1" Reducer, and Connection to Existing Service	1	EACH	\$2,400.00	\$2,400.00	\$1,392.78	\$1,392.78
9	8" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	21	EACH	\$915.00	\$19,215.00	\$456.74	\$9,591.54
10	2" HDPE DR 9 Service Line, Type B, Installed by Open Cut including Sawcutting, Pavement Removal, Bedding, and Premium Backfill	84	L.F.	\$17.00	\$1,428.00	\$47.85	\$4,019.40
11	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	760	L.F.	\$19.50	\$14,820.00	\$46.71	\$35,499.60
12	Tracer Wire and Warning Tape	1,909	L.F.	\$0.30	\$572.70	\$0.26	\$496.34

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMENTS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBRUARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizio Trucking & Paving  
191 State Route 51 East  
Norwalk, Ohio 44857

20389 First Avenue  
Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>STORM/DRAINAGE</b>							
13	Existing Catch Basin Removed including Premium Backfill	8	EACH	\$240.00	\$1,920.00	\$139.48	\$1,115.84
14	Existing Manhole Removed including Premium Backfill	1	EACH	\$400.00	\$400.00	\$189.51	\$189.51
15	18" Storm Sewer, Type B	128	L.F.	\$78.00	\$9,984.00	\$115.53	\$14,787.84
16	18" Storm Sewer, Type B including SR 18 Pavement Replacement/Repair	77	L.F.	\$228.00	\$17,556.00	\$220.13	\$16,950.01
17	15" Storm Sewer, Type B	456	L.F.	\$71.00	\$32,376.00	\$106.97	\$48,778.32
18	12" Storm Sewer, Type B	583	L.F.	\$73.00	\$42,559.00	\$108.35	\$63,168.05
19	12" Storm Sewer, Type B, AWWA C900 DR 25	44	L.F.	\$69.00	\$3,036.00	\$100.68	\$4,429.92
20	8" Storm Sewer, Type B	4	L.F.	\$25.00	\$100.00	\$76.23	\$304.92
21	8" Storm Service SDR 35 or HDPE, Type B, including connection to proposed curb inlet manhole. 8"x6" wve. 8"x6" reducer	23	L.F.	\$61.00	\$1,403.00	\$77.27	\$1,777.21
22	6" Storm Service SDR 35 or HDPE, Type B including Connections to Proposed Storm Sewer	595	L.F.	\$73.00	\$43,435.00	\$65.44	\$38,936.80
23	6" Storm Service AWWA C900 DR 25 or C909, Type B including Connections to Proposed Storm Sewer	120	L.F.	\$78.00	\$9,360.00	\$70.70	\$8,484.00
24	Storm Manhole with Type 4 Frame & Grate	2	EACH	\$2,720.00	\$5,440.00	\$3,143.93	\$6,287.86
25	18" Storm Sewer Connection to Existing Storm Manhole including SR 18 Pavement Replacement/Repair	1	EACH	\$2,200.00	\$2,200.00	\$2,569.17	\$2,569.17
26	15" Storm Sewer Connection to Existing Storm Manhole	1	EACH	\$2,270.00	\$2,270.00	\$1,489.17	\$1,489.17
27	12" Storm Sewer Connection to Existing Catch Basin	1	EACH	\$925.00	\$925.00	\$1,219.17	\$1,219.17
28	12" Storm Sewer Connection to Proposed 15" Storm Sewer	2	EACH	\$1,200.00	\$2,400.00	\$1,218.17	\$2,436.34
29	8" Storm Sewer Connection to Proposed 18" Storm Sewer	1	EACH	\$500.00	\$500.00	\$948.17	\$948.17
30	6" Storm Sewer Connection to Proposed 15" Storm Sewer	1	EACH	\$615.00	\$615.00	\$948.17	\$948.17
31	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	4	EACH	\$1,700.00	\$6,800.00	\$1,692.20	\$6,768.80

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizio Trucking & Paving  
191 State Route 51 East 20389 First Avenue  
Norwalk, Ohio 44857 Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated		Unit Price	Total Price	Unit Price	Total Price
		Quantity	Unit				
32	Curb Inlet - Type 3 MH, Type 3 Frame and Grate	6	EACH	\$2,940.00	\$17,640.00	\$3,523.76	\$21,142.56
33	Catch Basin, Type 2-2B, Type 5 Frame and Grate	1	EACH	\$1,250.00	\$1,250.00	\$1,298.64	\$1,298.64
34	Existing Storm Manhole Adjusted to Grade with New Type 2 Frame & Cover and SR 18 Pavement Replacement/Repair	1	EACH	\$2,765.00	\$2,765.00	\$1,002.58	\$1,002.58
35	Warning Tape	2,114	L.F.	\$0.10	\$211.40	\$0.10	\$211.40
<b>SANITARY</b>							
36	8" Conduit, Type B, Including Removal of Existing 8" Sanitary Sewer	1,097	L.F.	\$120.00	\$131,640.00	\$134.66	\$147,722.02
37	8" Conduit, Type B, Including Removal of Existing 8" Sanitary Sewer and SR 18 Pavement Replacement/Repair	50	L.F.	\$229.00	\$11,450.00	\$243.07	\$12,153.50
38	6" Sanitary Service Lateral, SDR 35, Type B, with Connections to Existing Lateral and including Connection to Proposed Storm Sewer	648	L.F.	\$91.00	\$58,968.00	\$79.49	\$51,509.52
39	6" Sanitary Service Lateral, C900 DR 25, Type B, with Connections to Existing Lateral and including Connections to Proposed Storm Sewer	60	L.F.	\$106.00	\$6,360.00	\$89.67	\$5,380.20
40	Sanitary Manhole Type 3 with Type 1 Frame and Cover	2	EACH	\$4,100.00	\$8,200.00	\$4,187.81	\$8,375.62
41	Sanitary Manhole Type 3 with Type 1 Frame & Cover and SR 18 Pavement Replacement/Repair	1	EACH	\$7,200.00	\$7,200.00	\$4,997.81	\$4,997.81
42	Connection to Existing Manhole including Mechanic St Pavement Replacement/Repair	1	EACH	\$1,765.00	\$1,765.00	\$1,879.25	\$1,879.25
43	Existing Conduit Connection to Proposed Manhole including SR 18 Pavement Replacement/Repair	3	EACH	\$600.00	\$1,800.00	\$965.17	\$2,895.51
44	Existing Manhole Removed including Premium Backfill	3	EACH	\$200.00	\$600.00	\$189.51	\$568.53
45	Warning Tape	1,855	L.F.	\$0.10	\$185.50	\$0.10	\$185.50

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

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1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizi Trucking & Paving  
191 State Route 51 East  
Norwalk, Ohio 44857

20389 First Avenue  
Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>PAVEMENT/ROADWAY</b>							
46	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$38,000.00	\$38,000.00	\$56,758.84	\$56,758.84
47	Subgrade Compaction and Proof Roll	2,507	S.Y.	\$1.00	\$2,507.00	\$1.00	\$2,507.00
48	10" Aggregate Base, Placed in 2-5" Compacted Lifts with Proof Roll	633	C.Y.	\$48.00	\$30,384.00	\$43.15	\$27,313.95
49	Non-tracking Tack Coat @0.06 gal/sy	116	GAL.	\$2.75	\$319.00	\$5.13	\$595.08
50	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	120	C.Y.	\$181.00	\$21,720.00	\$166.64	\$19,996.80
51	Asphalt Surface Course PG64-22, Type 1 - 1 1/2" Compacted Thickness	91	C.Y.	\$221.00	\$20,111.00	\$194.13	\$17,665.83
52	Residential 6" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	530	S.Y.	\$59.00	\$31,270.00	\$63.00	\$33,390.00
53	Commercial 8" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	72	S.Y.	\$69.00	\$4,968.00	\$70.00	\$5,040.00
54	Commercial 8" Thick Reinforced Portland Cement Concrete Drive, Class C, Excavation, Subgrade Compaction, 4" Compacted Base	324	S.Y.	\$81.00	\$26,244.00	\$74.00	\$23,976.00
55	4" Diameter Base Pipe Underdrain	1,759	L.F.	\$12.75	\$22,427.25	\$9.50	\$16,710.50
56	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	5,369	S.F.	\$5.75	\$30,871.75	\$6.00	\$32,214.00
57	ADA Sidewalk Curb Ramp	6	EACH	\$310.00	\$1,860.00	\$985.00	\$5,910.00
58	Type 2 Concrete Curb and Gutter	1,723	L.F.	\$22.50	\$38,767.50	\$18.00	\$31,014.00
59	Type 6 Concrete Curb	43	L.F.	\$26.00	\$1,118.00	\$38.00	\$1,634.00
60	Tensor TX140 Geogrid, as Directed by Engineer	250	S.Y.	\$4.25	\$1,062.50	\$3.91	\$977.50
61	Pavement Marking - Stop Line, 24" Wide	10	L.F.	\$7.00	\$70.00	\$6.43	\$64.30
62	Pavement Marking - Crosswalk, 12" Wide	90	L.F.	\$4.25	\$382.50	\$4.05	\$364.50
63	Pavement Marking - Single Yellow Parking Space and Walk, 4" Wide	79	L.F.	\$2.50	\$197.50	\$2.43	\$191.97
64	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT STOP W4-4P-24	1	EACH	\$170.00	\$170.00	\$162.00	\$162.00
65	Sign, Flat Sheet - MAIN STREET D3-H3-24	1	EACH	\$170.00	\$170.00	\$162.00	\$162.00
66	Sign, Flat Sheet - CHESTNUT STREET D3-H3-24	1	EACH	\$170.00	\$170.00	\$162.00	\$162.00

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

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Buckeye Excavating & Construction, Inc. Fabrizi Trucking & Paving  
191 State Route 51 East  
Norwalk, Ohio 44857

20389 First Avenue  
Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated		Unit Price	Total Price	Unit Price	Total Price
		Quantity	Unit				
67	Sign, Flat Sheet - NO TRUCKS R5-2-24	2	EACH	\$140.00	\$280.00	\$135.00	\$270.00
68	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	2	EACH	\$140.00	\$280.00	\$135.00	\$270.00
69	Ground Mounted Support No. 2 Post	60	FT.	\$12.00	\$720.00	\$10.80	\$648.00
<b>MISCELLANEOUS</b>							
70	Exploratory Excavation, as directed by the Engineer, including any necessary compacted backfill and trench plating	6	HOUR	\$400.00	\$2,400.00	\$324.00	\$1,944.00
71	Surface Video	1	L.S.	\$500.00	\$500.00	\$1,069.20	\$1,069.20
72	Mobilization	1	L.S.	\$8,000.00	\$8,000.00	\$20,240.00	\$20,240.00
73	Bond and Insurance	1	L.S.	\$7,900.00	\$7,900.00	\$15,660.00	\$15,660.00
74	Clearing and Grubbing	1	L.S.	\$3,400.00	\$3,400.00	\$1,728.00	\$1,728.00
75	Tree and Stump Removed 12" to 24"	3	EACH	\$365.00	\$1,095.00	\$421.20	\$1,263.60
76	Tree and Stump Removed over 24"	2	EACH	\$1,120.00	\$2,240.00	\$950.40	\$1,900.80
77	Existing Abandoned Gas Main and Service Lines Removed Including Compacted Premium Backfill	1,921	L.F.	\$1.00	\$1,921.00	\$1.00	\$1,921.00
78	Existing Concrete, Asphalt, or Stone Drive Removed	933	S.Y.	\$5.50	\$5,131.50	\$2.99	\$2,789.67
79	Existing Sidewalk Removed	6,959	S.F.	\$0.50	\$3,479.50	\$1.00	\$6,959.00
80	Existing 6", 8", 10", or 12" Culvert Pipe or Storm Sewer Removed including Premium Backfill	264	L.F.	\$13.00	\$3,432.00	\$3.00	\$792.00
81	Existing 12" and 15" Storm Sewer Removed including Premium Backfill	277	L.F.	\$14.00	\$3,878.00	\$5.52	\$1,529.04
82	Remove Existing Signs and Support Posts and Salvage to Owner for Re-use	3	EACH	\$60.00	\$180.00	\$100.00	\$300.00
83	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	2	EACH	\$85.00	\$170.00	\$312.00	\$624.00
84	Temporary Sediment and Erosion Control	1	L.S.	\$900.00	\$900.00	\$5,850.00	\$5,850.00
85	12" and Under Conduit Repair	200	L.F.	\$20.00	\$4,000.00	\$23.78	\$4,756.00
86	Maintaining Traffic	1	L.S.	\$6,800.00	\$6,800.00	\$8,588.00	\$8,588.00

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

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191 State Route 51 East 20389 First Avenue  
Norwalk, Ohio 44857 Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
87	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro-mulching)	1	L.S.	\$11,500.00	\$11,500.00	\$21,542.40	\$21,542.40
CORRECTED BID PRICE							
TOTAL BASE BID PRICE AS SUBMITTED					\$903,071.60		\$1,007,732.12
(Subject to Correction)							
BID BOND					YES		YES

**ALTERNATE No. 1****WATER**

1-1	Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and Extended 6" Conduit	1	EACH	\$7,000.00	\$7,000.00	\$6,349.51	\$6,349.51
1-2	8" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	1	EACH	\$1,120.00	\$1,120.00	\$456.74	\$456.74
1-3	12" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	1	EACH	\$1,725.00	\$1,725.00	\$645.80	\$645.80
1-4	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	120	L.F.	\$24.00	\$2,880.00	\$46.71	\$5,605.20

**STORM/DRAINAGE**

1-5	12" Storm Sewer, Type B	44	L.F.	\$49.00	\$2,156.00	\$108.35	\$4,767.40
1-6	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	2	EACH	\$1,700.00	\$3,400.00	\$1,692.20	\$3,384.40
1-7	Existing Storm Manhole Adjusted to Grade with New Type 2 Frame and Cover	1	EACH	\$865.00	\$865.00	\$1,002.58	\$1,002.58

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizi Trucking & Paving  
191 State Route 51 East 20389 First Avenue  
Norwalk, Ohio 44857 Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>PAVEMENT/ROADWAY</b>							
1-8	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$14,500.00	\$14,500.00	\$10,010.00	\$10,010.00
1-9	Subgrade Compaction and Proof Roll	727	S.Y.	\$1.00	\$727.00	\$1.00	\$727.00
1-10	10" Aggregate Base, Placed in 2~5" Compacted Lifts with Proof Roll	187	C.Y.	\$48.00	\$8,976.00	\$43.15	\$8,069.05
1-11	Non-tracking Tack Coat @0.06 gal/sy	35	GAL.	\$2.75	\$96.25	\$5.13	\$179.55
1-12	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	33	C.Y.	\$181.00	\$5,973.00	\$166.64	\$5,499.12
1-13	Asphalt Surface Course PG64-22, Type 1 - 1 1/2" Compacted Thickness	24	C.Y.	\$221.00	\$5,304.00	\$194.13	\$4,659.12
1-14	Commercial 8" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	95	S.Y.	\$69.00	\$6,555.00	\$74.00	\$7,030.00
1-15	4" Diameter Base Pipe Underdrain	397	L.F.	\$12.75	\$5,061.75	\$9.50	\$3,771.50
1-16	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	1,876	S.F.	\$5.75	\$10,787.00	\$6.00	\$11,256.00
1-17	Type 2 Concrete Curb and Gutter	397	L.F.	\$22.50	\$8,932.50	\$18.00	\$7,146.00
1-18	Tensor TX140 Geogrid, as Directed by Engineer	73	S.Y.	\$4.25	\$310.25	\$3.91	\$285.43
1-19	Pavement Marking - Stop Line, 24" Wide	30	L.F.	\$7.00	\$210.00	\$6.43	\$192.90
1-20	Pavement Marking - Crosswalk, 12" Wide	123	L.F.	\$4.25	\$522.75	\$4.05	\$498.15
1-21	Pavement Marking - Dbl Yellow Centerline, 4"	52	L.F.	\$4.50	\$234.00	\$4.32	\$224.64
1-22	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT STOP W4-4P-24	1	EACH	\$170.00	\$170.00	\$162.00	\$162.00
1-23	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	1	EACH	\$140.00	\$140.00	\$135.00	\$135.00
1-24	Ground Mounted Support No. 2 Post	15	FT.	\$12.00	\$180.00	\$10.80	\$162.00
<b>MISCELLANEOUS</b>							
1-25	Surface Video	1	L.S.	\$100.00	\$100.00	\$108.00	\$108.00
1-26	Mobilization	1	L.S.	\$3,850.00	\$3,850.00	\$500.00	\$500.00
1-27	Bond and Insurance	1	L.S.	\$2,950.00	\$2,950.00	\$500.00	\$500.00
1-28	Clearing and Grubbing	1	L.S.	\$715.00	\$715.00	\$1,000.00	\$1,000.00

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMENTS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBRUARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizio Trucking & Paving  
191 State Route 51 East 20389 First Avenue  
Norwalk, Ohio 44857 Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
1-29	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$85.00	\$85.00	\$312.00	\$312.00
1-30	Temporary Sediment and Erosion Control	1	L.S.	\$225.00	\$225.00	\$416.00	\$416.00
1-31	Maintaining Traffic	1	L.S.	\$3,225.00	\$3,225.00	\$1,040.00	\$1,040.00
1-32	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro-mulching)	1	L.S.	\$3,200.00	\$3,200.00	\$4,596.30	\$4,596.30
TOTAL ALTERNATE No. 1 BID PRICE (Subject to Correction)					\$102,175.50		\$90,691.39

**ALTERNATE No. 2****WATER**

2-1	Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and Extended 6" Conduit	1	EACH	\$6,250.00	\$6,250.00	\$6,349.51	\$6,349.51
2-2	12" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	2	EACH	\$1,715.00	\$3,430.00	\$645.80	\$1,291.60
2-3	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	114	L.F.	\$30.00	\$3,420.00	\$46.71	\$5,324.94

**STORM DRAINAGE**

2-4	12" Storm Sewer, Type B	40	L.F.	\$49.00	\$1,960.00	\$108.35	\$4,334.00
2-5	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	2	EACH	\$1,700.00	\$3,400.00	\$1,692.20	\$3,384.40
2-6	Existing Storm Manhole Adjusted to Grade with New Type 4 Frame and Cover	1	EACH	\$650.00	\$650.00	\$1,002.58	\$1,002.58

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizi Trucking & Paving  
191 State Route 51 East 20389 First Avenue  
Norwalk, Ohio 44857 Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>PAVEMENT/ROADWAY</b>							
2-7	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$17,500.00	\$17,500.00	\$10,010.00	\$10,010.00
2-8	Subgrade Compaction and Proof Roll	804	S.Y.	\$1.00	\$804.00	\$1.00	\$804.00
2-9	10" Aggregate Base, Placed in 2-5" Compacted Lifts with Proof Roll	212	C.Y.	\$48.00	\$10,176.00	\$43.15	\$9,147.80
2-10	Non-tracking Tack Coat @0.06 gal/sy	39	GAL.	\$2.75	\$107.25	\$5.13	\$200.07
2-11	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	36	C.Y.	\$181.00	\$6,516.00	\$166.64	\$5,999.04
2-12	Asphalt Surface Course PG64-22, Type 1 - 1½" Compacted Thickness	27	C.Y.	\$221.00	\$5,967.00	\$194.13	\$5,241.51
2-13	Residential 6" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	44	S.Y.	\$59.00	\$2,596.00	\$63.00	\$2,772.00
2-14	4" Diameter Base Pipe Underdrain	456	L.F.	\$12.75	\$5,814.00	\$9.50	\$4,332.00
2-15	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	1,869	S.F.	\$5.75	\$10,746.75	\$6.00	\$11,214.00
2-16	Type 2 Concrete Curb and Gutter	456	L.F.	\$22.50	\$10,260.00	\$18.00	\$8,208.00
2-17	Tensor TX140 Geogrid, as Directed by Engineer	81	S.Y.	\$4.25	\$344.25	\$3.91	\$316.71
2-18	Pavement Marking - Stop Line, 24" Wide	21	L.F.	\$7.00	\$147.00	\$6.43	\$135.03
2-19	Pavement Marking - Crosswalk, 12" Wide	82	L.F.	\$4.25	\$348.50	\$4.05	\$332.10
2-20	Pavement Marking - Dbl Yellow Centerline, 4"	95	L.F.	\$4.50	\$427.50	\$4.32	\$410.40
2-21	Sign, Flat Sheet - STOP SIGN R1-1-30	1	EACH	\$140.00	\$140.00	\$135.00	\$135.00
2-22	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT	2	EACH	\$170.00	\$340.00	\$162.00	\$324.00
2-23	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	2	EACH	\$140.00	\$280.00	\$135.00	\$270.00
2-24	Sign, Flat Sheet - DEAD END W14-1-24	1	EACH	\$170.00	\$170.00	\$162.00	\$162.00
2-25	Sign, Flat Sheet - PAVEMENT ENDS W8-3-24	2	EACH	\$170.00	\$340.00	\$162.00	\$324.00
2-26	Ground Mounted Support No. 2 Post	75	FT.	\$12.00	\$900.00	\$10.80	\$810.00
2-27	8"φ Concrete Filled Sch 40 Steel Pipe Bollard	5	EACH	\$350.00	\$1,750.00	\$597.00	\$2,985.00

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Buckeye Excavating & Construction, Inc. Fabrizi Trucking & Paving  
191 State Route 51 East 20389 First Avenue  
Norwalk, Ohio 44857 Middleburg Heights, Ohio 44130

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>MISCELLANEOUS</b>							
2-28	Surface Video	1	L.S.	\$100.00	\$100.00	\$108.00	\$108.00
2-29	Mobilization	1	L.S.	\$4,600.00	\$4,600.00	\$500.00	\$500.00
2-30	Bond and Insurance	1	L.S.	\$3,700.00	\$3,700.00	\$500.00	\$500.00
2-31	Clearing and Grubbing	1	L.S.	\$1,500.00	\$1,500.00	\$2,160.00	\$2,160.00
2-32	Existing Concrete, Asphalt, or Stone Drive Removed	44	S.Y.	\$5.50	\$242.00	\$2.99	\$131.56
2-33	Existing Sidewalk Removed	447	S.F.	\$0.50	\$223.50	\$1.00	\$447.00
2-34	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$85.00	\$85.00	\$312.00	\$312.00
2-35	Existing Concrete Pad Removed - Veteran's Memorial	172	S.Y.	\$6.50	\$1,118.00	\$2.99	\$514.28
2-36	Existing Wall & Foundation Removed - Veteran's Memorial	1	L.S.	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00
2-37	Existing Flag Pole & Foundation Removed, Flag Pole Salvaged to Owner for Re-use - Veteran's Memorial	1	L.S.	\$230.00	\$230.00	\$1,500.00	\$1,500.00
2-38	Existing Gun & Pad Removed, Gun Salvaged to Owner for Re-use - Veteran's Memorial	1	L.S.	\$500.00	\$500.00	\$1,500.00	\$1,500.00
2-39	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$85.00	\$85.00	\$312.00	\$312.00
2-40	Temporary Sediment and Erosion Control	1	L.S.	\$230.00	\$230.00	\$416.00	\$416.00
2-41	Maintaining Traffic	1	L.S.	\$4,100.00	\$4,100.00	\$1,040.00	\$1,040.00
2-42	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro- mulchina)	1	L.S.	\$5,400.00	\$5,400.00	\$4,596.30	\$4,596.30
TOTAL ALTERNATE No. 2 BID PRICE (Subject to Correction)					\$118,697.75		\$101,356.83
Base Bid With Alternate No. 1					\$1,005,247.10		\$1,098,423.51
Base Bid With Alternate No. 2					\$1,021,769.35		\$1,109,088.95

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Eclipse Co.  
11554 East Washington Street  
Chagrin Falls, Ohio 44023

S.E.T., Inc.  
235 East Water Street  
Lowellville, Ohio 44436-1273

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Average
<b><u>BASE BID</u></b>								
<b>WATER</b>								
1	8" PVC Waterline, AWWA C-909, CL235, Type B including Sawcutting, Pavement Removal, Bedding, Premium Backfill	945	L.F.	\$70.00	\$66,150.00	\$79.00	\$74,655.00	\$69.12
2	and Valve Box, Cathodic Protection, and 6" Conduit	3	EACH	\$5,150.00	\$15,450.00	\$4,950.00	\$14,850.00	\$5,208.85
3	Remove Existing Fire Hydrant and Salvage to Village for Re-use	1	EACH	\$475.00	\$475.00	\$1,150.00	\$1,150.00	\$493.33
4	12" x 8" Live Tap with Gate Valve, Valve Box, Cathodic Protection	1	EACH	\$4,500.00	\$4,500.00	\$7,750.00	\$7,750.00	\$5,512.52
5	Connect to Existing 8" Waterline with 8" Gate Valve & Box	1	EACH	\$2,700.00	\$2,700.00	\$4,500.00	\$4,500.00	\$3,522.24
6	8" x 45 Deg Horizontal Bend including Cathodic Protection	3	EACH	\$600.00	\$1,800.00	\$1,400.00	\$4,200.00	\$719.93
7	8" x 22 ½ Deg Horizontal Bend including Cathodic Protection	1	EACH	\$600.00	\$600.00	\$1,350.00	\$1,350.00	\$670.93
8	8" x 2" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, 2" x 1" Reducer, and Connection to Existing Service	1	EACH	\$1,825.00	\$1,825.00	\$1,770.00	\$1,770.00	\$1,825.30
9	8" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	21	EACH	\$1,000.00	\$21,000.00	\$735.00	\$15,435.00	\$717.79
10	2" HDPE DR 9 Service Line, Type B, Installed by Open Cut including Sawcutting, Pavement Removal, Bedding, and Premium Backfill	84	L.F.	\$20.00	\$1,680.00	\$45.00	\$3,780.00	\$32.31
11	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	760	L.F.	\$30.00	\$22,800.00	\$43.00	\$32,680.00	\$34.87
12	Tracer Wire and Warning Tape	1,909	L.F.	\$0.30	\$572.70	\$1.00	\$1,909.00	\$0.39

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMENTS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBRUARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Eclipse Co.  
11554 East Washington Street  
Chagrin Falls, Ohio 44023

S.E.T., Inc.  
235 East Water Street  
Lowellville, Ohio 44436-1273

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Average
<b>STORM/DRAINAGE</b>								
13	Existing Catch Basin Removed including Premium Backfill	8	EACH	\$360.00	\$2,880.00	\$350.00	\$2,800.00	\$216.91
14	Existing Manhole Removed including Premium Backfill	1	EACH	\$850.00	\$850.00	\$550.00	\$550.00	\$479.75
15	18" Storm Sewer, Type B	128	L.F.	\$94.00	\$12,032.00	\$115.00	\$14,720.00	\$108.42
16	18" Storm Sewer, Type B including SR 18 Pavement Replacement/Repair	77	L.F.	\$148.00	\$11,396.00	\$180.00	\$13,860.00	\$186.86
17	15" Storm Sewer, Type B	456	L.F.	\$75.00	\$34,200.00	\$110.00	\$50,160.00	\$92.50
18	12" Storm Sewer, Type B	583	L.F.	\$82.00	\$47,806.00	\$105.00	\$61,215.00	\$91.39
19	12" Storm Sewer, Type B, AWWA C900 DR 25	44	L.F.	\$99.00	\$4,356.00	\$115.00	\$5,060.00	\$95.78
20	8" Storm Sewer, Type B	4	L.F.	\$136.00	\$544.00	\$45.00	\$180.00	\$75.37
21	8" Storm Service SDR 35 or HDPE, Type B, including connection to proposed curb inlet manhole. 8"x6" wve. 8"x6" reducer	23	L.F.	\$83.00	\$1,909.00	\$50.00	\$1,150.00	\$62.55
22	6" Storm Service SDR 35 or HDPE, Type B including Connections to Proposed Storm Sewer	595	L.F.	\$73.00	\$43,435.00	\$60.00	\$35,700.00	\$61.57
23	6" Storm Service AWWA C900 DR 25 or C909, Type B including Connections to Proposed Storm Sewer	120	L.F.	\$75.00	\$9,000.00	\$65.00	\$7,800.00	\$66.28
24	Storm Manhole with Type 4 Frame & Grate	2	EACH	\$3,600.00	\$7,200.00	\$1,900.00	\$3,800.00	\$2,765.99
25	18" Storm Sewer Connection to Existing Storm Manhole including SR 18 Pavement Replacement/Repair	1	EACH	\$2,725.00	\$2,725.00	\$475.00	\$475.00	\$2,320.03
26	15" Storm Sewer Connection to Existing Storm Manhole	1	EACH	\$1,750.00	\$1,750.00	\$500.00	\$500.00	\$1,511.70
27	12" Storm Sewer Connection to Existing Catch Basin	1	EACH	\$1,325.00	\$1,325.00	\$425.00	\$425.00	\$815.86
28	12" Storm Sewer Connection to Proposed 15" Storm Sewer	2	EACH	\$375.00	\$750.00	\$400.00	\$800.00	\$710.53
29	8" Storm Sewer Connection to Proposed 18" Storm Sewer	1	EACH	\$475.00	\$475.00	\$500.00	\$500.00	\$521.36
30	6" Storm Sewer Connection to Proposed 15" Storm Sewer	1	EACH	\$425.00	\$425.00	\$475.00	\$475.00	\$544.70
31	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	4	EACH	\$2,225.00	\$8,900.00	\$1,575.00	\$6,300.00	\$1,759.37

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBURARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Eclipse Co.  
11554 East Washington Street  
Chagrin Falls, Ohio 44023

S.E.T., Inc.  
235 East Water Street  
Lowellville, Ohio 44436-1273

Ref. No.	Description	Estimated		Unit Price	Total Price	Unit Price	Total Price	Average
		Quantity	Unit					
32	Curb Inlet - Type 3 MH, Type 3 Frame and Grate	6	EACH	\$3,750.00	\$22,500.00	\$2,295.00	\$13,770.00	\$2,928.63
33	Catch Basin, Type 2-2B, Type 5 Frame and Grate	1	EACH	\$2,000.00	\$2,000.00	\$1,290.00	\$1,290.00	\$1,418.94
34	Existing Storm Manhole Adjusted to Grade with New Type 2 Frame & Cover and SR 18 Pavement Replacement/Repair	1	EACH	\$2,175.00	\$2,175.00	\$1,500.00	\$1,500.00	\$1,836.43
35	Warning Tape	2,114	L.F.	\$0.05	\$105.70	\$0.40	\$845.60	\$0.15
<b>SANITARY</b>								
36	8" Conduit, Type B, Including Removal of Existing 8" Sanitary Sewer	1,097	L.F.	\$90.00	\$98,730.00	\$120.00	\$131,640.00	\$116.94
37	8" Conduit, Type B, Including Removal of Existing 8" Sanitary Sewer and SR 18 Pavement Replacement/Repair	50	L.F.	\$130.00	\$6,500.00	\$180.00	\$9,000.00	\$201.35
38	6" Sanitary Service Lateral, SDR 35, Type B, with Connections to Existing Lateral and including Connection to Proposed Storm Sewer	648	L.F.	\$77.00	\$49,896.00	\$96.00	\$62,208.00	\$82.25
39	6" Sanitary Service Lateral, C900 DR 25, Type B, with Connections to Existing Lateral and including Connections to Proposed Storm Sewer	60	L.F.	\$78.00	\$4,680.00	\$110.00	\$6,600.00	\$91.78
40	Sanitary Manhole Type 3 with Type 1 Frame and Cover	2	EACH	\$4,175.00	\$8,350.00	\$2,250.00	\$4,500.00	\$3,886.14
41	Sanitary Manhole Type 3 with Type 1 Frame & Cover and SR 18 Pavement Replacement/Repair	1	EACH	\$4,900.00	\$4,900.00	\$4,450.00	\$4,450.00	\$5,224.64
42	Connection to Existing Manhole including Mechanic St Pavement Replacement/Repair	1	EACH	\$2,215.00	\$2,215.00	\$1,200.00	\$1,200.00	\$1,762.38
43	Existing Conduit Connection to Proposed Manhole including SR 18 Pavement Replacement/Repair	3	EACH	\$1,340.00	\$4,020.00	\$350.00	\$1,050.00	\$1,142.53
44	Existing Manhole Removed including Premium Backfill	3	EACH	\$845.00	\$2,535.00	\$450.00	\$1,350.00	\$380.75
45	Warning Tape	1,855	L.F.	\$0.05	\$92.75	\$0.40	\$742.00	\$0.15

## BID TABULATION

**GRAFTON - CHESTNUT STREET IMPROVEMENTS, PHASE 1**

Job Number: 217000-00305

Bids Received: NOON, THURSDAY, FEBRUARY 21, 2019

Engineer's Estimate: \$1,075,600

Poggemeyer Design Group, Inc.  
1168 North Main Street  
Bowling Green, Ohio 43402

Eclipse Co.  
11554 East Washington Street  
Chagrin Falls, Ohio 44023

S.E.T., Inc.  
235 East Water Street  
Lowellville, Ohio 44436-1273

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Average
<b>PAVEMENT/ROADWAY</b>								
46	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$62,000.00	\$62,000.00	\$70,500.00	\$70,500.00	\$47,543.14
47	Subgrade Compaction and Proof Roll	2,507	S.Y.	\$2.00	\$5,014.00	\$2.00	\$5,014.00	\$1.13
48	10" Aggregate Base, Placed in 2-5" Compacted Lifts with Proof Roll	633	C.Y.	\$60.00	\$37,980.00	\$50.00	\$31,650.00	\$47.03
49	Non-tracking Tack Coat @0.06 gal/sy	116	GAL.	\$5.00	\$580.00	\$3.00	\$348.00	\$4.40
50	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	120	C.Y.	\$169.00	\$20,280.00	\$170.00	\$20,400.00	\$171.11
51	Asphalt Surface Course PG64-22, Type 1 - 1 1/2" Compacted Thickness	91	C.Y.	\$194.00	\$17,654.00	\$205.00	\$18,655.00	\$204.02
52	Residential 6" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	530	S.Y.	\$77.50	\$41,075.00	\$56.00	\$29,680.00	\$61.42
53	Commercial 8" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	72	S.Y.	\$92.00	\$6,624.00	\$65.00	\$4,680.00	\$71.33
54	Commercial 8" Thick Reinforced Portland Cement Concrete Drive, Class C, Excavation, Subgrade Compaction, 4" Compacted Base	324	S.Y.	\$96.00	\$31,104.00	\$75.00	\$24,300.00	\$76.83
55	4" Diameter Base Pipe Underdrain	1,759	L.F.	\$14.50	\$25,505.50	\$10.00	\$17,590.00	\$9.96
56	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	5,369	S.F.	\$10.15	\$54,495.35	\$6.50	\$34,898.50	\$6.57
57	ADA Sidewalk Curb Ramp	6	EACH	\$1,335.00	\$8,010.00	\$700.00	\$4,200.00	\$698.00
58	Type 2 Concrete Curb and Gutter	1,723	L.F.	\$33.00	\$56,859.00	\$18.00	\$31,014.00	\$20.75
59	Type 6 Concrete Curb	43	L.F.	\$28.50	\$1,225.50	\$30.00	\$1,290.00	\$31.25
60	Tensor TX140 Geogrid, as Directed by Engineer	250	S.Y.	\$3.50	\$875.00	\$2.50	\$625.00	\$3.69
61	Pavement Marking - Stop Line, 24" Wide	10	L.F.	\$2.50	\$25.00	\$6.50	\$65.00	\$5.81
62	Pavement Marking - Crosswalk, 12" Wide	90	L.F.	\$1.20	\$108.00	\$4.25	\$382.50	\$3.63
63	Pavement Marking - Single Yellow Parking Space and Walk, 4" Wide	79	L.F.	\$0.50	\$39.50	\$2.50	\$197.50	\$2.11
64	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT STOP W4-4P-24	1	EACH	\$81.00	\$81.00	\$170.00	\$170.00	\$137.17
65	Sign, Flat Sheet - MAIN STREET D3-H3-24	1	EACH	\$81.00	\$81.00	\$170.00	\$170.00	\$149.67
66	Sign, Flat Sheet - CHESTNUT STREET D3-H3-24	1	EACH	\$81.00	\$81.00	\$170.00	\$170.00	\$149.67

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**GRAFTON - CHESTNUT STREET IMPROVEMETNS, PHASE 1**

Job Number: 217000-00305

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Engineer's Estimate: \$1,075,600

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Eclipse Co.  
11554 East Washington Street  
Chagrin Falls, Ohio 44023

S.E.T., Inc.  
235 East Water Street  
Lowellville, Ohio 44436-1273

Ref. No.	Description	Estimated		Unit Price	Total Price	Unit Price	Total Price	Average
		Quantity	Unit					
67	Sign, Flat Sheet - NO TRUCKS R5-2-24	2	EACH	\$81.00	\$162.00	\$145.00	\$290.00	\$127.33
68	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	2	EACH	\$81.00	\$162.00	\$145.00	\$290.00	\$127.33
69	Ground Mounted Support No. 2 Post	60	FT.	\$16.25	\$975.00	\$11.00	\$660.00	\$11.84
<b>MISCELLANEOUS</b>								
70	Exploratory Excavation, as directed by the Engineer, including any necessary compacted backfill and trench plating	6	HOUR	\$325.00	\$1,950.00	\$200.00	\$1,200.00	\$316.50
71	Surface Video	1	L.S.	\$420.00	\$420.00	\$2,500.00	\$2,500.00	\$1,008.20
72	Mobilization	1	L.S.	\$26,839.80	\$26,839.80	\$114,500.00	\$114,500.00	\$35,013.30
73	Bond and Insurance	1	L.S.	\$22,225.00	\$22,225.00	\$15,500.00	\$15,500.00	\$13,080.83
74	Clearing and Grubbing	1	L.S.	\$3,350.00	\$3,350.00	\$18,500.00	\$18,500.00	\$4,829.67
75	Tree and Stump Removed 12" to 24"	3	EACH	\$410.00	\$1,230.00	\$1,500.00	\$4,500.00	\$542.70
76	Tree and Stump Removed over 24"	2	EACH	\$925.00	\$1,850.00	\$1,800.00	\$3,600.00	\$1,034.23
77	Existing Abandoned Gas Main and Service Lines Removed Including Compacted Premium Backfill	1,921	L.F.	\$12.00	\$23,052.00	\$7.00	\$13,447.00	\$3.75
78	Existing Concrete, Asphalt, or Stone Drive Removed	933	S.Y.	\$16.50	\$15,394.50	\$8.50	\$7,930.50	\$6.75
79	Existing Sidewalk Removed	6,959	S.F.	\$1.00	\$6,959.00	\$1.50	\$10,438.50	\$0.79
80	Existing 6", 8", 10", or 12" Culvert Pipe or Storm Sewer Removed including Premium Backfill	264	L.F.	\$22.00	\$5,808.00	\$11.50	\$3,036.00	\$10.08
81	Existing 12" and 15" Storm Sewer Removed including Premium Backfill	277	L.F.	\$22.00	\$6,094.00	\$13.50	\$3,739.50	\$11.00
82	Remove Existing Signs and Support Posts and Salvage to Owner for Re-use	3	EACH	\$65.00	\$195.00	\$110.00	\$330.00	\$73.33
83	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	2	EACH	\$130.00	\$260.00	\$220.00	\$440.00	\$176.17
84	Temporary Sediment and Erosion Control	1	L.S.	\$1,700.00	\$1,700.00	\$6,500.00	\$6,500.00	\$3,450.00
85	12" and Under Conduit Repair	200	L.F.	\$115.35	\$23,070.00	\$15.00	\$3,000.00	\$33.19
86	Maintaining Traffic	1	L.S.	\$28,000.00	\$28,000.00	\$25,500.00	\$25,500.00	\$13,231.33

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Lowellville, Ohio 44436-1273

Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Average
87	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro-mulching)	1	L.S.	\$15,000.00	\$15,000.00	\$15,900.00	\$15,900.00	\$14,650.40

## CORRECTED BID PRICE

TOTAL BASE BID PRICE AS SUBMITTED

\$1,094,603.30

\$1,158,445.60

(Subject to Correction)

BID BOND

YES

YES

**ALTERNATE No. 1****WATER**

1-1	Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and Extended 6" Conduit	1	EACH	\$5,630.00	\$5,630.00	\$4,950.00	\$4,950.00	\$5,761.59
1-2	8" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	1	EACH	\$1,000.00	\$1,000.00	\$735.00	\$735.00	\$751.96
1-3	12" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	1	EACH	\$1,025.00	\$1,025.00	\$800.00	\$800.00	\$933.47
1-4	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	120	L.F.	\$13.50	\$1,620.00	\$43.00	\$5,160.00	\$32.87

**STORM/DRAINAGE**

1-5	12" Storm Sewer, Type B	44	L.F.	\$84.00	\$3,696.00	\$105.00	\$4,620.00	\$88.89
1-6	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	2	EACH	\$2,225.00	\$4,450.00	\$1,575.00	\$3,150.00	\$1,759.37
1-7	Existing Storm Manhole Adjusted to Grade with New Type 2 Frame and Cover	1	EACH	\$1,450.00	\$1,450.00	\$950.00	\$950.00	\$1,005.43

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Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Average
<b>PAVEMENT/ROADWAY</b>								
1-8	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$17,900.00	\$17,900.00	\$19,900.00	\$19,900.00	\$12,373.33
1-9	Subgrade Compaction and Proof Roll	727	S.Y.	\$2.00	\$1,454.00	\$2.00	\$1,454.00	\$1.13
1-10	10" Aggregate Base, Placed in 2~5" Compacted Lifts with Proof Roll	187	C.Y.	\$60.00	\$11,220.00	\$50.00	\$9,350.00	\$47.03
1-11	Non-tracking Tack Coat @0.06 gal/sy	35	GAL.	\$5.00	\$175.00	\$3.00	\$105.00	\$4.36
1-12	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	33	C.Y.	\$169.00	\$5,577.00	\$170.00	\$5,610.00	\$169.61
1-13	Asphalt Surface Course PG64-22, Type 1 - 1 1/2" Compacted Thickness	24	C.Y.	\$194.00	\$4,656.00	\$205.00	\$4,920.00	\$202.52
1-14	Commercial 8" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	95	S.Y.	\$96.50	\$9,167.50	\$65.00	\$6,175.00	\$72.75
1-15	4" Diameter Base Pipe Underdrain	397	L.F.	\$14.50	\$5,756.50	\$10.00	\$3,970.00	\$9.96
1-16	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	1,876	S.F.	\$10.20	\$19,135.20	\$6.50	\$12,194.00	\$6.58
1-17	Type 2 Concrete Curb and Gutter	397	L.F.	\$33.00	\$13,101.00	\$18.00	\$7,146.00	\$20.75
1-18	Tensor TX140 Geogrid, as Directed by Engineer	73	S.Y.	\$3.50	\$255.50	\$2.50	\$182.50	\$3.69
1-19	Pavement Marking - Stop Line, 24" Wide	30	L.F.	\$2.50	\$75.00	\$6.54	\$196.20	\$5.82
1-20	Pavement Marking - Crosswalk, 12" Wide	123	L.F.	\$1.25	\$153.75	\$4.20	\$516.60	\$3.63
1-21	Pavement Marking - Dbl Yellow Centerline, 4"	52	L.F.	\$4.50	\$234.00	\$2.50	\$130.00	\$3.76
1-22	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT STOP W4-4P-24	1	EACH	\$81.00	\$81.00	\$170.00	\$170.00	\$137.17
1-23	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	1	EACH	\$81.00	\$81.00	\$145.00	\$145.00	\$127.33
1-24	Ground Mounted Support No. 2 Post	15	FT.	\$16.50	\$247.50	\$11.00	\$165.00	\$11.88
<b>MISCELLANEOUS</b>								
1-25	Surface Video	1	L.S.	\$105.00	\$105.00	\$150.00	\$150.00	\$105.50
1-26	Mobilization	1	L.S.	\$4,000.00	\$4,000.00	\$10,500.00	\$10,500.00	\$3,575.00
1-27	Bond and Insurance	1	L.S.	\$2,150.00	\$2,150.00	\$1,750.00	\$1,750.00	\$1,441.67
1-28	Clearing and Grubbing	1	L.S.	\$850.00	\$850.00	\$500.00	\$500.00	\$627.50

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Ref. No.	Description	Estimated Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price	Average
1-29	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$130.00	\$130.00	\$200.00	\$200.00	\$172.83
1-30	Temporary Sediment and Erosion Control	1	L.S.	\$425.00	\$425.00	\$1,200.00	\$1,200.00	\$686.00
1-31	Maintaining Traffic	1	L.S.	\$5,500.00	\$5,500.00	\$1,500.00	\$1,500.00	\$2,310.83
1-32	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro-mulching)	1	L.S.	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00	\$2,839.05
TOTAL ALTERNATE No. 1 BID PRICE (Subject to Correction)					\$124,800.95		\$109,994.30	

**ALTERNATE No. 2****WATER**

2-1	Fire Hydrant Assembly w/Watch Valve and Valve Box, Cathodic Protection, and Extended 6" Conduit	1	EACH	\$6,000.00	\$6,000.00	\$4,950.00	\$4,950.00	\$5,698.25
2-2	12" x 1" Service Tap with Tapping Saddle, Corp Stop, Curb Valve, Valve Box, and Connection to Existing Service	2	EACH	\$1,025.00	\$2,050.00	\$800.00	\$1,600.00	\$931.80
2-3	1" Type K Copper Service Line, Type B, Installed by Open Cut including Pavement /Drive/Sidewalk Sawcutting and Removal, Bedding and Premium Backfill	114	L.F.	\$14.00	\$1,596.00	\$43.00	\$4,902.00	\$33.95

**STORM DRAINAGE**

2-4	12" Storm Sewer, Type B	40	L.F.	\$84.00	\$3,360.00	\$115.00	\$4,600.00	\$90.56
2-5	Curb Inlet - Type 2-2B, Type 3 Frame and Grate	2	EACH	\$2,225.00	\$4,450.00	\$1,575.00	\$3,150.00	\$1,759.37
2-6	Existing Storm Manhole Adjusted to Grade with New Type 4 Frame and Cover	1	EACH	\$1,450.00	\$1,450.00	\$950.00	\$950.00	\$969.60

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<b>PAVEMENT/ROADWAY</b>								
2-7	Roadway Excavation including Existing Pavement Removal	1	L.S.	\$19,600.00	\$19,600.00	\$20,500.00	\$20,500.00	\$14,895.00
2-8	Subgrade Compaction and Proof Roll	804	S.Y.	\$2.00	\$1,608.00	\$2.00	\$1,608.00	\$1.13
2-9	10" Aggregate Base, Placed in 2-5" Compacted Lifts with Proof Roll	212	C.Y.	\$60.00	\$12,720.00	\$50.00	\$10,600.00	\$47.03
2-10	Non-tracking Tack Coat @0.06 gal/sy	39	GAL.	\$5.00	\$195.00	\$3.00	\$117.00	\$4.36
2-11	Asphalt Intermediate Course PG64-22, Type 2 - 2" Compacted Thickness	36	C.Y.	\$179.00	\$6,444.00	\$170.00	\$6,120.00	\$171.27
2-12	Asphalt Surface Course PG64-22, Type 1 - 1½" Compacted Thickness	27	C.Y.	\$211.00	\$5,697.00	\$205.00	\$5,535.00	\$205.36
2-13	Residential 6" Thick Plain Portland Cement Concrete Drive - Class C, Excavation, Subgrade Compaction, 4" Compacted Base	44	S.Y.	\$90.00	\$3,960.00	\$56.00	\$2,464.00	\$63.50
2-14	4" Diameter Base Pipe Underdrain	456	L.F.	\$14.50	\$6,612.00	\$10.00	\$4,560.00	\$9.96
2-15	4" Thick Concrete Sidewalk including Excavation, Subgrade Compaction, 4" Compacted Aggregate Base	1,869	S.F.	\$10.25	\$19,157.25	\$6.50	\$12,148.50	\$6.58
2-16	Type 2 Concrete Curb and Gutter	456	L.F.	\$33.00	\$15,048.00	\$18.00	\$8,208.00	\$20.75
2-17	Tensor TX140 Geogrid, as Directed by Engineer	81	S.Y.	\$3.50	\$283.50	\$2.50	\$202.50	\$3.69
2-18	Pavement Marking - Stop Line, 24" Wide	21	L.F.	\$2.50	\$52.50	\$6.50	\$136.50	\$5.81
2-19	Pavement Marking - Crosswalk, 12" Wide	82	L.F.	\$1.25	\$102.50	\$4.20	\$344.40	\$3.63
2-20	Pavement Marking - Dbl Yellow Centerline, 4"	95	L.F.	\$4.50	\$427.50	\$4.50	\$427.50	\$4.39
2-21	Sign, Flat Sheet - STOP SIGN R1-1-30	1	EACH	\$81.00	\$81.00	\$145.00	\$145.00	\$127.33
2-22	Sign, Flat Sheet - CROSS TRAFFIC DOES NOT	2	EACH	\$81.00	\$162.00	\$170.00	\$340.00	\$149.67
2-23	Sign, Flat Sheet - NO PARKING ANY TIME R7-1-18	2	EACH	\$81.00	\$162.00	\$145.00	\$290.00	\$127.33
2-24	Sign, Flat Sheet - DEAD END W14-1-24	1	EACH	\$81.00	\$81.00	\$170.00	\$170.00	\$149.67
2-25	Sign, Flat Sheet - PAVEMENT ENDS W8-3-24	2	EACH	\$81.00	\$162.00	\$170.00	\$340.00	\$149.67
2-26	Ground Mounted Support No. 2 Post	75	FT.	\$16.50	\$1,237.50	\$11.00	\$825.00	\$11.88
2-27	8"φ Concrete Filled Sch 40 Steel Pipe Bollard	5	EACH	\$950.00	\$4,750.00	\$550.00	\$2,750.00	\$556.00

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<b>MISCELLANEOUS</b>								
2-28	Surface Video	1	L.S.	\$105.00	\$105.00	\$200.00	\$200.00	\$113.83
2-29	Mobilization	1	L.S.	\$4,000.00	\$4,000.00	\$10,500.00	\$10,500.00	\$3,700.00
2-30	Bond and Insurance	1	L.S.	\$2,420.00	\$2,420.00	\$1,750.00	\$1,750.00	\$1,611.67
2-31	Clearing and Grubbing	1	L.S.	\$850.00	\$850.00	\$500.00	\$500.00	\$1,035.00
2-32	Existing Concrete, Asphalt, or Stone Drive Removed	44	S.Y.	\$18.00	\$792.00	\$10.50	\$462.00	\$7.33
2-33	Existing Sidewalk Removed	447	S.F.	\$1.00	\$447.00	\$1.50	\$670.50	\$0.79
2-34	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$130.00	\$130.00	\$200.00	\$200.00	\$172.83
2-35	Existing Concrete Pad Removed - Veteran's Memorial	172	S.Y.	\$16.00	\$2,752.00	\$7.00	\$1,204.00	\$6.58
2-36	Existing Wall & Foundation Removed - Veteran's Memorial	1	L.S.	\$750.00	\$750.00	\$1,500.00	\$1,500.00	\$1,425.00
2-37	Existing Flag Pole & Foundation Removed, Flag Pole Salvaged to Owner for Re-use - Veteran's Memorial	1	L.S.	\$450.00	\$450.00	\$650.00	\$650.00	\$721.67
2-38	Existing Gun & Pad Removed, Gun Salvaged to Owner for Re-use - Veteran's Memorial	1	L.S.	\$350.00	\$350.00	\$550.00	\$550.00	\$733.33
2-39	Remove and Relocate Existing Sign and Support Post as Directed by the Owner	1	EACH	\$130.00	\$130.00	\$200.00	\$200.00	\$172.83
2-40	Temporary Sediment and Erosion Control	1	L.S.	\$425.00	\$425.00	\$1,200.00	\$1,200.00	\$686.83
2-41	Maintaining Traffic	1	L.S.	\$5,500.00	\$5,500.00	\$1,500.00	\$1,500.00	\$2,456.67
2-42	Hydro-Seeding and Hydro-Mulching, Including Topsoil Stockpiling, Topsoil Placing, and Furnishing Topsoil as necessary (4" topsoil to be provided/placed prior to hydro-seeding and hydro- mulching)	1	L.S.	\$3,500.00	\$3,500.00	\$3,000.00	\$3,000.00	\$3,455.72
TOTAL ALTERNATE No. 2 BID PRICE (Subject to Correction)						\$140,049.75	\$122,069.90	
Base Bid With Alternate No. 1						\$1,219,404.25	\$1,268,439.90	
Base Bid With Alternate No. 2						\$1,234,653.05	\$1,280,515.50	