

City of Oregon, Ohio
Grasser Street Sanitary, Storm and Waterline Improvements
Bid Tabulation

Eng. Estimate: \$462,000.00

Date: 11/22/2017
 Time: 10:00 AM
 Opened by: Paul Roman, P.E.
 Witness: Rodney Shultz, P.E., Andrea Beard, Kelly Wolfe
 Andrea Beard

E.S. WAGNER CO.	SALENBIEN TRUCKING & EXCAVATING, INC.
840 PATCHEN ROAD	9217 ANN ARBOR ROAD
OREGON, OHIO 43616	DUNDEE, MI 48131

Ref No.	ODOT Item#	Item Description	Quantity	Unit	Penal		Penal	
					Unit Price	Total Price	Unit Price	Total Price
General Requirements								
1	624	Mobilization	1	LS	\$27,950.00	\$27,950.00	\$6,600.00	\$6,600.00
2	614	Maintenance of Traffic	1	LS	\$2,500.00	\$2,500.00	\$10,000.00	\$10,000.00
3	659	Restoration of Right-of-Way	1	LS	\$4,070.00	\$4,070.00	\$6,270.00	\$6,270.00
4	623	Construction Layout Staking	1	LS	\$2,000.00	\$2,000.00	\$4,400.00	\$4,400.00
5	201	Clearing and Grubbing	1	LS	\$500.00	\$500.00	\$1,100.00	\$1,100.00
Erosion and Sediment Control								
6	832	Construction Seeding and Mulching	100	SY	\$2.00	\$200.00	\$11.00	\$1,100.00
7	832	Perimeter Filter Fabric Fence	100	LF	\$2.25	\$225.00	\$3.30	\$330.00
8	832	Inlet Protection	8	EA	\$100.00	\$800.00	\$110.00	\$880.00
9	832	Construction Entrance	3	CY	\$60.00	\$180.00	\$110.00	\$330.00
Sewer Cleaning, CCTV Inspection, and Lining of Pipe Sewers								
10	SPEC	Flow Diversion and By-Pass Pumping	1	LS	\$6,000.00	\$6,000.00	\$1,650.00	\$1,650.00
11	SPEC	Pre-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$5.00	\$500.00	\$165.00*	\$16,500.00*
12	SPEC	Post-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$5.00	\$500.00	\$66.00	\$6,600.00
13	SPEC	Trimming of Protruding Connections	1	EA	\$600.00	\$600.00	\$550.00	\$550.00
14	SPEC	Install Cured-in-Place Pipe Liner on Existing 8-inch Sanitary Sewer Pipe (6MM min. thickness)	100	LF	\$70.00	\$7,000.00	\$55.00	\$5,500.00
15	SPEC	Reconnecting Service Connections	1	EA	\$600.00	\$600.00	\$550.00	\$550.00
Sanitary								
16	202	Sanitary Manhole Removed	1	EA	\$1,000.00	\$1,000.00	\$2,721.00	\$2,721.00
17	202	Sanitary Manhole Abandoned	2	EA	\$500.00	\$1,000.00	\$715.00	\$1,430.00
18	202	Abandonment of Existing Sanitary Sewer	1	LS	\$2,850.00	\$2,850.00	\$5,662.00	\$5,662.00
19	SPEC	8-inch Sanitary Sewer, Type B	637	LF	\$144.00	\$91,728.00	\$168.00	\$107,016.00
20	SPEC	6-inch Lateral, Long Service	140	LF	\$143.00	\$20,020.00	\$82.50	\$11,550.00
21	SPEC	8-inch Lateral, Long Service	41	LF	\$120.00	\$4,920.00	\$82.50	\$3,382.50
22	SPEC	6-inch Lateral, Short Service	263	LF	\$140.00	\$36,820.00	\$82.50	\$21,697.50
23	SPEC	6-inch Vertical Service Connection Riser	40	VLF	\$10.00	\$400.00	\$97.00	\$3,880.00
24	SPEC	6 inch on 8 inch Sewer Pipe Wye	12	EA	\$240.00	\$2,880.00	\$100.00	\$1,200.00
25	SPEC	6 inch on 6 inch Sewer Pipe Wye	2	EA	\$185.00	\$370.00	\$100.00	\$200.00
26	SPEC	8 inch on 8 inch Sewer Pipe Wye	2	EA	\$250.00	\$500.00	\$100.00	\$200.00
27	SPEC	Sanitary Drop Manhole with Frame and Cover	43	VLF	\$470.00	\$20,210.00	\$425.00	\$18,275.00
28	SPEC	Sanitary Manhole with Frames and Covers	19	VLF	\$450.00	\$8,550.00	\$425.00	\$8,075.00
29	SPEC	8 inch drop connection	5	VLF	\$68.00	\$340.00	\$350.00	\$1,750.00
Waterline								
30	638	8" Waterline, C900, Type B	668	LF	\$110.00	\$73,480.00	\$82.00	\$54,776.00
31	638	8" Waterline, C900, Type C	548	LF	\$49.00	\$26,852.00	\$55.00	\$30,140.00
32	SPEC	8" Waterline, Installed by Trenchless Operation	120	LF	\$62.00	\$7,440.00	\$82.00	\$9,840.00
33	638	8" Gate Valve with Valve Box	2	EA	\$1,450.00	\$2,900.00	\$1,450.00	\$2,900.00
34	638	8" x 8" x 8" Tee	1	EA	\$500.00	\$500.00	\$825.00	\$825.00
35	638	Fire Hydrant and Valve Assembly	3	EA	\$4,500.00	\$13,500.00	\$4,400.00	\$13,200.00
36	SPEC	Reconnection of Water Service , Long Service	10	EA	\$1,725.00	\$17,250.00	\$2,200.00	\$22,000.00
37	SPEC	Reconnection of Water Service, Short Service	7	EA	\$1,280.00	\$8,960.00	\$1,650.00	\$11,550.00
38	SPEC	Abandonment of Existing Waterlines	1	LS	\$3,500.00	\$3,500.00	\$2,200.00	\$2,200.00
Drainage								
39	202	Pipe Removed (Storm)	78	LF	\$4.00	\$312.00	\$11.00	\$858.00
40	202	Storm Catch Basin Removed	2	EA	\$150.00	\$300.00	\$550.00	\$1,100.00
41	611	12" Storm Sewer(706.02), Type B	78	LF	\$65.00	\$5,070.00	\$48.50	\$3,783.00
42	605	Shallow Pipe Underdrains, 707.31	1,276	LF	\$9.00	\$11,484.00	\$22.00	\$28,072.00
43	611	Catch Basin, Type 3A with frame and cover	2	EA	\$2,440.00	\$4,880.00	\$2,750.00	\$5,500.00
43A	SPEC	Post-Construction Cleaning and Television Inspection of Existing and Replaced 12-inch Storm Sewer	727	LF	\$1.00	\$727.00	\$11.00	\$7,997.00
Pavement Restoration								
44	254	Pavement Removed, APP	1,702	SY	\$6.80	\$11,573.60	\$3.30	\$5,616.60
44A	203	Excavation	284	CY	\$16.80	\$4,771.20	\$22.00	\$6,248.00
45	448	1-1/2" Item 448 (Type I) Surface Course	75	CY	\$178.00	\$13,350.00	\$220.00	\$16,500.00
45A	448	2-1/2" Item 448 (Type II) Intermediate Course	120	CY	\$159.00	\$19,080.00	\$188.00	\$22,560.00
46	304	Aggregate Base, APP	567	CY	\$30.00	\$17,010.00	\$36.00	\$20,412.00
46A	203	Granular Material, Type C, Including Excavation, APP	178	CY	\$28.00	\$4,984.00	\$44.00	\$7,832.00
46B	204	Subgrade Compaction	1,702	SY	\$0.50	\$851.00	\$1.10	\$1,872.20
46C	204	Proof Rolling, APP	2	HR	\$225.00	\$450.00	\$150.00	\$300.00
47	407	Tack Coat @ 0.40 Gal/SY	715	GAL	\$3.00	\$2,145.00	\$3.30	\$2,359.50
48	448	Asphalt Driveway Replacement (3-inch Thickness)	20	CY	\$365.00	\$7,300.00	\$330.00	\$6,600.00
49	452	Concrete Driveway Replacement , MS (6-inch Thickness)	1,146	SF	\$7.00	\$8,022.00	\$10.50	\$12,033.00
50	452	Concrete Driveway Replacement , MS (8-inch Thickness)	306	SF	\$8.00	\$2,448.00	\$11.00	\$3,366.00
51	608	4" Concrete Sidewalk	112	SF	\$5.00	\$560.00	\$8.25	\$924.00
52	609	Type 6 Curb Installation (4 inch Reveal)	1,340	LF	\$27.00	\$36,180.00	\$24.00	\$32,160.00
53	202	Curb Removed	1,340	LF	\$4.00	\$5,360.00	\$2.00	\$2,680.00
54	SPEC	Performance Bond	1	LS	\$2,588.61	\$2,588.61	\$6,000.00	\$6,000.00
TOTAL BASE BID:						\$559,041.41*		\$591,603.30

*Corrected Figure

City of Oregon, Ohio
Grasser Street Sanitary, Storm and Waterline Improvements
Bid Tabulation

Eng. Estimate: \$462,000.00

Date: 11/22/2017
 Time: 10:00 AM
 Opened by: Paul Roman, P.E.
 Witness: Rodney Shultz, P.E., Andrea Beard, Kelly Wolfe
 Andrea Beard

EDWARD KELLY AND SONS, INC. 5555 WOODVILLE ROAD NORTHWOOD, OH 43619	GEO. GRADEL CO. 3135 FRONT STREET TOLEDO, OHIO 43605
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Ref No.	ODOT Item#	Item Description	Quantity	Unit	Penal		Penal	
					Unit Price	Total Price	Unit Price	Total Price
General Requirements								
1	624	Mobilization	1	LS	\$12,000.00	\$12,000.00	\$7,600.00	\$7,600.00
2	614	Maintenance of Traffic	1	LS	\$10,000.00	\$10,000.00	\$1,500.00	\$1,500.00
3	659	Restoration of Right-of-Way	1	LS	\$4,000.00	\$4,000.00	\$16,450.00	\$16,450.00
4	623	Construction Layout Staking	1	LS	\$5,000.00	\$5,000.00	\$1,700.00	\$1,700.00
5	201	Clearing and Grubbing	1	LS	\$1,000.00	\$1,000.00	\$1,530.00	\$1,530.00
Erosion and Sediment Control								
6	832	Construction Seeding and Mulching	100	SY	\$2.00	\$200.00	\$3.60	\$360.00
7	832	Perimeter Filter Fabric Fence	100	LF	\$2.00	\$200.00	\$5.00	\$500.00
8	832	Inlet Protection	8	EA	\$200.00	\$1,600.00	\$110.00	\$880.00
9	832	Construction Entrance	3	CY	\$35.00	\$105.00	\$23.00	\$69.00
Sewer Cleaning, CCTV Inspection, and Lining of Pipe Sewers								
10	SPEC	Flow Diversion and By-Pass Pumping	1	LS	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
11	SPEC	Pre-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$13.00	\$1,300.00	\$12.55	\$1,255.00
12	SPEC	Post-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$8.00	\$800.00	\$7.80	\$780.00
13	SPEC	Trimming of Protruding Connections	1	EA	\$378.00	\$378.00	\$400.00	\$400.00
14	SPEC	Install Cured-in-Place Pipe Liner on Existing 8-inch Sanitary Sewer Pipe (6MM min. thickness)	100	LF	\$45.00	\$4,500.00	\$44.60	\$4,460.00
15	SPEC	Reconnecting Service Connections	1	EA	\$360.00	\$360.00	\$370.00	\$370.00
Sanitary								
16	202	Sanitary Manhole Removed	1	EA	\$500.00	\$500.00	\$2,600.00	\$2,600.00
17	202	Sanitary Manhole Abandoned	2	EA	\$500.00	\$1,000.00	\$585.00	\$1,170.00
18	202	Abandonment of Existing Sanitary Sewer	1	LS	\$1,000.00	\$1,000.00	\$5,800.00	\$5,800.00
19	SPEC	8-inch Sanitary Sewer, Type B	637	LF	\$97.00	\$61,789.00	\$118.50	\$75,484.50
20	SPEC	6-inch Lateral, Long Service	140	LF	\$95.00	\$13,300.00	\$81.20	\$11,368.00
21	SPEC	8-inch Lateral, Long Service	41	LF	\$93.00	\$3,813.00	\$92.50	\$3,792.50
22	SPEC	6-inch Lateral, Short Service	263	LF	\$90.00	\$23,670.00	\$81.00	\$21,303.00
23	SPEC	6-inch Vertical Service Connection Riser	40	VLF	\$60.00	\$2,400.00	\$10.00	\$400.00
24	SPEC	6 inch on 8 inch Sewer Pipe Wye	12	EA	\$40.00	\$480.00	\$36.00	\$432.00
25	SPEC	6 inch on 6 inch Sewer Pipe Wye	2	EA	\$30.00	\$60.00	\$22.00	\$44.00
26	SPEC	8 inch on 8 inch Sewer Pipe Wye	2	EA	\$50.00	\$100.00	\$70.00	\$140.00
27	SPEC	Sanitary Drop Manhole with Frame and Cover	43	VLF	\$225.00	\$9,675.00	\$812.00	\$34,916.00
28	SPEC	Sanitary Manhole with Frames and Covers	19	VLF	\$225.00	\$4,275.00	\$1,150.00	\$21,850.00
29	SPEC	8 inch drop connection	5	VLF	\$200.00	\$1,000.00	\$75.00	\$375.00
Waterline								
30	638	8" Waterline, C900, Type B	668	LF	\$52.00	\$34,736.00	\$61.00	\$40,748.00
31	638	8" Waterline, C900, Type C	548	LF	\$35.00	\$19,180.00	\$45.25	\$24,797.00
32	SPEC	8" Waterline, Installed by Trenchless Operation	120	LF	\$95.00	\$11,400.00	\$79.50	\$9,540.00
33	638	8" Gate Valve with Valve Box	2	EA	\$2,000.00	\$4,000.00	\$815.00	\$1,630.00
34	638	8" x 8" x 8" Tee	1	EA	\$600.00	\$600.00	\$330.00	\$330.00
35	638	Fire Hydrant and Valve Assembly	3	EA	\$4,800.00	\$14,400.00	\$3,760.00	\$11,280.00
36	SPEC	Reconnection of Water Service , Long Service	10	EA	\$1,800.00	\$18,000.00	\$1,590.00	\$15,900.00
37	SPEC	Reconnection of Water Service, Short Service	7	EA	\$1,600.00	\$11,200.00	\$2,230.00	\$15,610.00
38	SPEC	Abandonment of Existing Waterlines	1	LS	\$1,500.00	\$1,500.00	\$5,800.00	\$5,800.00
Drainage								
39	202	Pipe Removed (Storm)	78	LF	\$5.00	\$390.00	\$21.00	\$1,638.00
40	202	Storm Catch Basin Removed	2	EA	\$300.00	\$600.00	\$418.00	\$836.00
41	611	12" Storm Sewer(706.02), Type B	78	LF	\$45.00	\$3,510.00	\$120.00	\$9,360.00
42	605	Shallow Pipe Underdrains, 707.31	1,276	LF	\$7.00	\$8,932.00	\$11.00	\$14,036.00
43	611	Catch Basin, Type 3A with frame and cover	2	EA	\$2,000.00	\$4,000.00	\$1,630.00	\$3,260.00
43A	SPEC	Post-Construction Cleaning and Television Inspection of Existing and Replaced 12-inch Storm Sewer	727	LF	\$3.00	\$2,181.00	\$9.00	\$6,543.00
Pavement Restoration								
44	254	Pavement Removed, APP	1,702	SY	\$3.00	\$5,106.00	\$6.50	\$11,063.00
44A	203	Excavation	284	CY	\$12.00	\$3,408.00	\$18.00	\$5,112.00
45	448	1-1/2" Item 448 (Type I) Surface Course	75	CY	\$200.00	\$15,000.00	\$192.00	\$14,400.00
45A	448	2-1/2" Item 448 (Type II) Intermediate Course	120	CY	\$200.00	\$24,000.00	\$170.00	\$20,400.00
46	304	Aggregate Base, APP	567	CY	\$35.00	\$19,845.00	\$30.50	\$17,293.50
46A	203	Granular Material, Type C, Including Excavation, APP	178	CY	\$30.00	\$5,340.00	\$50.00	\$8,900.00
46B	204	Subgrade Compaction	1,702	SY	\$1.00	\$1,702.00	\$1.00	\$1,702.00
46C	204	Proof Rolling, APP	2	HR	\$80.00	\$160.00	\$110.00	\$220.00
47	407	Tack Coat @ 0.40 Gal/SY	715	GAL	\$3.00	\$2,145.00	\$3.00	\$2,145.00
48	448	Asphalt Driveway Replacement (3-inch Thickness)	20	CY	\$250.00	\$5,000.00	\$400.00	\$8,000.00
49	452	Concrete Driveway Replacement , MS (6-inch Thickness)	1,146	SF	\$7.00	\$8,022.00	\$5.45	\$6,245.70
50	452	Concrete Driveway Replacement , MS (8-inch Thickness)	306	SF	\$8.00	\$2,448.00	\$6.45	\$1,973.70
51	608	4" Concrete Sidewalk	112	SF	\$6.00	\$672.00	\$4.25	\$476.00
52	609	Type 6 Curb Installation (4 inch Reveal)	1,340	LF	\$20.00	\$26,800.00	\$11.85	\$15,879.00
53	202	Curb Removed	1,340	LF	\$3.00	\$4,020.00	\$1.80	\$2,412.00
54	SPEC	Performance Bond	1	LS	\$7,000.00	\$7,000.00	\$6,000.00	\$6,000.00
TOTAL BASE BID:						\$431,802.00		\$502,058.90

*Corrected Figure

City of Oregon, Ohio
Grasser Street Sanitary, Storm and Waterline Improvements
Bid Tabulation

Eng. Estimate: \$462,000.00

Date: 11/22/2017
 Time: 10:00 AM
 Opened by: Paul Roman, P.E.
 Witness: Rodney Shultz, P.E., Andrea Beard, Kelly Wolfe
 Andrea Beard

HELMS & SONS EXCAVATING, INC.	UNDERGROUND UTILITIES, INC.
1753 LIMA AVE FINDLAY, OH 45840	416 W. MONROE ST, PO BOX 428 MONROEVILLE, OH 44847

Ref No.	ODOT Item#	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
General Requirements								
1	624	Mobilization	1	LS	\$8,000.00	\$8,000.00	\$20,000.00	\$20,000.00
2	614	Maintenance of Traffic	1	LS	\$2,837.03	\$2,837.03	\$3,000.00	\$3,000.00
3	659	Restoration of Right-of-Way	1	LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
4	623	Construction Layout Staking	1	LS	\$1,972.82	\$1,972.82	\$5,000.00	\$5,000.00
5	201	Clearing and Grubbing	1	LS	\$5,099.12	\$5,099.12	\$3,000.00	\$3,000.00
Erosion and Sediment Control								
6	832	Construction Seeding and Mulching	100	SY	\$35.00	\$3,500.00	\$1.00	\$100.00
7	832	Perimeter Filter Fabric Fence	100	LF	\$4.63	\$463.00*	\$2.00	\$200.00
8	832	Inlet Protection	8	EA	\$23.29	\$186.32	\$10.00	\$80.00
9	832	Construction Entrance	3	CY	\$516.18	\$1,548.54	\$10.00	\$30.00
Sewer Cleaning, CCTV Inspection, and Lining of Pipe Sewers								
10	SPEC	Flow Diversion and By-Pass Pumping	1	LS	\$657.60	\$657.60	\$800.00	\$800.00
11	SPEC	Pre-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$14.25	\$1,425.00	\$13.00	\$1,300.00
12	SPEC	Post-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$8.77	\$877.00	\$8.00	\$800.00
13	SPEC	Trimming of Protruding Connections	1	EA	\$438.41	\$438.41	\$400.00	\$400.00
14	SPEC	Install Cured-in-Place Pipe Liner on Existing 8-inch Sanitary Sewer Pipe (6MM min. thickness)	100	LF	\$47.40	\$4,740.00	\$44.00	\$4,400.00
15	SPEC	Reconnecting Service Connections	1	EA	\$438.41	\$438.41	\$270.00	\$270.00
Sanitary								
16	202	Sanitary Manhole Removed	1	EA	\$976.60	\$976.60	\$100.00	\$100.00
17	202	Sanitary Manhole Abandoned	2	EA	\$831.32	\$1,662.64	\$200.00	\$400.00
18	202	Abandonment of Existing Sanitary Sewer	1	LS	\$3,789.80	\$3,789.80	\$1,500.00	\$1,500.00
19	SPEC	8-inch Sanitary Sewer, Type B	637	LF	\$110.00	\$70,070.00	\$102.00	\$64,974.00
20	SPEC	6-inch Lateral, Long Service	140	LF	\$58.36	\$8,170.40	\$98.00	\$13,720.00
21	SPEC	8-inch Lateral, Long Service	41	LF	\$72.23	\$2,961.43	\$118.00	\$4,838.00
22	SPEC	6-inch Lateral, Short Service	263	LF	\$72.23	\$18,996.49	\$99.00	\$26,037.00
23	SPEC	6-inch Vertical Service Connection Riser	40	VLF	\$58.35	\$2,334.00	\$10.00	\$400.00
24	SPEC	6 inch on 8 inch Sewer Pipe Wye	12	EA	\$58.35	\$700.20*	\$100.00	\$1,200.00
25	SPEC	6 inch on 6 inch Sewer Pipe Wye	2	EA	\$238.26	\$476.52*	\$100.00	\$200.00
26	SPEC	8 inch on 8 inch Sewer Pipe Wye	2	EA	\$238.44	\$476.88	\$150.00	\$300.00
27	SPEC	Sanitary Drop Manhole with Frame and Cover	43	VLF	\$290.00	\$12,470.00	\$100.00	\$4,300.00
28	SPEC	Sanitary Manhole with Frames and Covers	19	VLF	\$290.00	\$5,510.00	\$300.00	\$5,700.00
29	SPEC	8 inch drop connection	5	VLF	\$139.53	\$697.65	\$200.00	\$1,000.00
Waterline								
30	638	8" Waterline, C900, Type B	668	LF	\$59.97	\$40,059.96	\$48.00	\$32,064.00
31	638	8" Waterline, C900, Type C	548	LF	\$49.27	\$26,999.96	\$28.00	\$15,344.00
32	SPEC	8" Waterline, Installed by Trenchless Operation	120	LF	\$80.40	\$9,648.00	\$78.00	\$9,360.00
33	638	8" Gate Valve with Valve Box	2	EA	\$1,317.85	\$2,635.70	\$1,300.00	\$2,600.00
34	638	8" x 8" x 8" Tee	1	EA	\$765.73	\$765.73	\$500.00	\$500.00
35	638	Fire Hydrant and Valve Assembly	3	EA	\$4,200.00	\$12,600.00	\$4,200.00	\$12,600.00
36	SPEC	Reconnection of Water Service , Long Service	10	EA	\$1,250.00	\$12,500.00	\$1,500.00	\$15,000.00
37	SPEC	Reconnection of Water Service, Short Service	7	EA	\$1,200.00	\$8,400.00	\$1,200.00	\$8,400.00
38	SPEC	Abandonment of Existing Waterlines	1	LS	\$8,000.00	\$8,000.00	\$1,000.00	\$1,000.00
Drainage								
39	202	Pipe Removed (Storm)	78	LF	\$8.53	\$665.34	\$1.00	\$78.00
40	202	Storm Catch Basin Removed	2	EA	\$356.59	\$713.18	\$25.00	\$50.00
41	611	12" Storm Sewer(706.02), Type B	78	LF	\$125.00	\$9,750.00	\$50.00	\$3,900.00
42	605	Shallow Pipe Underdrains, 707.31	1,276	LF	\$6.00	\$7,656.00	\$4.00	\$5,104.00
43	611	Catch Basin, Type 3A with frame and cover	2	EA	\$1,541.98	\$3,083.96	\$2,000.00	\$4,000.00
43A	SPEC	Post-Construction Cleaning and Television Inspection of Existing and Replaced 12-inch Storm Sewer	727	LF	\$3.00	\$2,181.00	\$2.00	\$1,454.00
Pavement Restoration								
44	254	Pavement Removed, APP	1,702	SY	\$5.00	\$8,510.00	\$5.00	\$8,510.00
44A	203	Excavation	284	CY	\$24.00	\$6,816.00	\$20.00	\$5,680.00
45	448	1-1/2" Item 448 (Type I) Surface Course	75	CY	\$170.00	\$12,750.00	\$196.00	\$14,700.00
45A	448	2-1/2" Item 448 (Type II) Intermediate Course	120	CY	\$156.00	\$18,720.00	\$176.00	\$21,120.00
46	304	Aggregate Base, APP	567	CY	\$27.00	\$15,309.00	\$32.00	\$18,144.00
46A	203	Granular Material, Type C, Including Excavation, APP	178	CY	\$40.00	\$7,120.00	\$57.00	\$10,146.00
46B	204	Subgrade Compaction	1,702	SY	\$0.98	\$1,667.96	\$0.25	\$425.50
46C	204	Proof Rolling, APP	2	HR	\$98.00	\$196.00	\$130.00	\$260.00
47	407	Tack Coat @ 0.40 Gal/SY	715	GAL	\$2.00	\$1,430.00	\$2.25	\$1,608.75
48	448	Asphalt Driveway Replacement (3-inch Thickness)	20	CY	\$210.00	\$4,200.00	\$300.00	\$6,000.00
49	452	Concrete Driveway Replacement , MS (6-inch Thickness)	1,146	SF	\$6.00	\$6,876.00	\$8.00	\$9,168.00
50	452	Concrete Driveway Replacement , MS (8-inch Thickness)	306	SF	\$6.00	\$1,836.00	\$9.00	\$2,754.00
51	608	4" Concrete Sidewalk	112	SF	\$5.00	\$560.00	\$9.00	\$1,008.00
52	609	Type 6 Curb Installation (4 inch Reveal)	1,340	LF	\$16.00	\$21,440.00	\$13.00	\$17,420.00
53	202	Curb Removed	1,340	LF	\$5.00	\$6,700.00	\$1.00	\$1,340.00
54	SPEC	Performance Bond	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
TOTAL BASE BID:						\$431,265.65*		\$408,787.25

*Corrected Figure

City of Oregon, Ohio
Grasser Street Sanitary, Storm and Waterline Improvements
Bid Tabulation

Eng. Estimate: \$462,000.00

Date: 11/22/2017
 Time: 10:00 AM
 Opened by: Paul Roman, P.E.
 Witness: Rodney Shultz, P.E., Andrea Beard, Kelly Wolfe
 Andrea Beard

BUCKEYE EXCAVATING & CONSTRUCTION, INC.	CRESTLINE PAVING & EXCAVATING CO., INC.
191 SR 61 EAST NORWALK, OHIO 44857	1913 NEBRASKA AVE TOLEDO, OHIO 43607

Ref No.	ODOT Item#	Item Description	Quantity	Unit	Bid Bond:		Penal	
					Unit Price	Total Price	Unit Price	Total Price
General Requirements								
1	624	Mobilization	1	LS	\$12,000.00	\$12,000.00	\$10,891.61	\$10,891.61
2	614	Maintenance of Traffic	1	LS	\$3,000.00	\$3,000.00	\$4,225.00	\$4,225.00*
3	659	Restoration of Right-of-Way	1	LS	\$8,000.00	\$8,000.00	\$15,037.39	\$15,037.39
4	623	Construction Layout Staking	1	LS	\$4,000.00	\$4,000.00	\$2,600.00	\$2,600.00
5	201	Clearing and Grubbing	1	LS	\$1,400.00	\$1,400.00	\$150.00	\$150.00
Erosion and Sediment Control								
6	832	Construction Seeding and Mulching	100	SY	\$3.50	\$350.00	\$5.00	\$500.00
7	832	Perimeter Filter Fabric Fence	100	LF	\$2.50	\$250.00	\$2.00	\$200.00
8	832	Inlet Protection	8	EA	\$80.00	\$640.00	\$112.00	\$896.00
9	832	Construction Entrance	3	CY	\$80.00	\$240.00	\$130.00	\$390.00
Sewer Cleaning, CCTV Inspection, and Lining of Pipe Sewers								
10	SPEC	Flow Diversion and By-Pass Pumping	1	LS	\$850.00	\$850.00	\$764.00	\$764.00
11	SPEC	Pre-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$13.50	\$1,350.00	\$13.00	\$1,300.00
12	SPEC	Post-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$8.25	\$825.00	\$8.00	\$800.00
13	SPEC	Trimming of Protruding Connections	1	EA	\$410.00	\$410.00	\$378.00	\$378.00
14	SPEC	Install Cured-in-Place Pipe Liner on Existing 8-inch Sanitary Sewer Pipe (6MM min. thickness)	100	LF	\$50.00	\$5,000.00	\$44.00	\$4,400.00
15	SPEC	Reconnecting Service Connections	1	EA	\$400.00	\$400.00	\$360.00	\$360.00
Sanitary								
16	202	Sanitary Manhole Removed	1	EA	\$200.00	\$200.00	\$1,000.00	\$1,000.00
17	202	Sanitary Manhole Abandoned	2	EA	\$285.00	\$570.00	\$830.00	\$1,660.00
18	202	Abandonment of Existing Sanitary Sewer	1	LS	\$1,600.00	\$1,600.00	\$5,000.00	\$5,000.00
19	SPEC	8-inch Sanitary Sewer, Type B	637	LF	\$101.00	\$64,337.00	\$95.00	\$60,515.00
20	SPEC	6-inch Lateral, Long Service	140	LF	\$87.00	\$12,180.00	\$66.00	\$9,240.00
21	SPEC	8-inch Lateral, Long Service	41	LF	\$107.00	\$4,387.00	\$80.00	\$3,280.00
22	SPEC	6-inch Lateral, Short Service	263	LF	\$80.00	\$21,040.00	\$66.00	\$17,358.00
23	SPEC	6-inch Vertical Service Connection Riser	40	VLF	\$12.00	\$480.00	\$42.00	\$1,680.00
24	SPEC	6 inch on 8 inch Sewer Pipe Wye	12	EA	\$85.00	\$1,020.00	\$79.00	\$948.00
25	SPEC	6 inch on 6 inch Sewer Pipe Wye	2	EA	\$115.00	\$230.00	\$65.00	\$130.00
26	SPEC	8 inch on 8 inch Sewer Pipe Wye	2	EA	\$185.00	\$370.00	\$126.00	\$252.00
27	SPEC	Sanitary Drop Manhole with Frame and Cover	43	VLF	\$1,000.00	\$43,000.00	\$300.00	\$12,900.00
28	SPEC	Sanitary Manhole with Frames and Covers	19	VLF	\$900.00	\$17,100.00	\$310.00	\$5,890.00
29	SPEC	8 inch drop connection	5	VLF	\$175.00	\$875.00	\$360.00	\$1,800.00
Waterline								
30	638	8" Waterline, C900, Type B	668	LF	\$45.00	\$30,060.00	\$62.00	\$41,416.00
31	638	8" Waterline, C900, Type C	548	LF	\$36.00	\$19,728.00	\$33.00	\$18,084.00
32	SPEC	8" Waterline, Installed by Trenchless Operation	120	LF	\$81.00	\$9,720.00	\$88.00	\$10,560.00
33	638	8" Gate Valve with Valve Box	2	EA	\$1,135.00	\$2,270.00	\$1,700.00	\$3,400.00
34	638	8" x 8" x 8" Tee	1	EA	\$500.00	\$500.00	\$360.00	\$360.00
35	638	Fire Hydrant and Valve Assembly	3	EA	\$4,000.00	\$12,000.00	\$4,000.00	\$12,000.00
36	SPEC	Reconnection of Water Service , Long Service	10	EA	\$1,775.00	\$17,750.00	\$2,100.00	\$21,000.00
37	SPEC	Reconnection of Water Service, Short Service	7	EA	\$1,350.00	\$9,450.00	\$1,600.00	\$11,200.00
38	SPEC	Abandonment of Existing Waterlines	1	LS	\$1,000.00	\$1,000.00	\$2,300.00	\$2,300.00
Drainage								
39	202	Pipe Removed (Storm)	78	LF	\$10.00	\$780.00	\$12.00	\$936.00
40	202	Storm Catch Basin Removed	2	EA	\$185.00	\$370.00	\$400.00	\$800.00
41	611	12" Storm Sewer(706.02), Type B	78	LF	\$60.00	\$4,680.00	\$85.00	\$6,630.00
42	605	Shallow Pipe Underdrains, 707.31	1,276	LF	\$10.00	\$12,760.00	\$10.00	\$12,760.00
43	611	Catch Basin, Type 3A with frame and cover	2	EA	\$1,600.00	\$3,200.00	\$2,400.00	\$4,800.00
43A	SPEC	Post-Construction Cleaning and Television Inspection of Existing and Replaced 12-inch Storm Sewer	727	LF	\$8.00	\$5,816.00	\$2.00	\$1,454.00
Pavement Restoration								
44	254	Pavement Removed, APP	1,702	SY	\$7.50	\$12,765.00	\$13.00	\$22,126.00
44A	203	Excavation	284	CY	\$17.50	\$4,970.00	\$18.00	\$5,112.00
45	448	1-1/2" Item 448 (Type I) Surface Course	75	CY	\$211.00	\$15,825.00	\$180.00	\$13,500.00
45A	448	2-1/2" Item 448 (Type II) Intermediate Course	120	CY	\$189.00	\$22,680.00	\$150.00	\$18,000.00
46	304	Aggregate Base, APP	567	CY	\$32.00	\$18,144.00	\$32.00	\$18,144.00
46A	203	Granular Material, Type C, Including Excavation, APP	178	CY	\$55.00	\$9,790.00	\$40.00	\$7,120.00
46B	204	Subgrade Compaction	1,702	SY	\$1.00	\$1,702.00	\$1.00	\$1,702.00
46C	204	Proof Rolling, APP	2	HR	\$130.00	\$260.00	\$84.00	\$168.00
47	407	Tack Coat @ 0.40 Gal/SY	715	GAL	\$4.00	\$2,860.00	\$3.00	\$2,145.00
48	448	Asphalt Driveway Replacement (3-inch Thickness)	20	CY	\$570.00	\$11,400.00	\$400.00	\$8,000.00
49	452	Concrete Driveway Replacement , MS (6-inch Thickness)	1,146	SF	\$7.50	\$8,595.00	\$7.00	\$8,022.00
50	452	Concrete Driveway Replacement , MS (8-inch Thickness)	306	SF	\$8.50	\$2,601.00	\$9.00	\$2,754.00
51	608	4" Concrete Sidewalk	112	SF	\$7.50	\$840.00	\$9.00	\$1,008.00
52	609	Type 6 Curb Installation (4 inch Reveal)	1,340	LF	\$17.50	\$23,450.00	\$15.00	\$20,100.00
53	202	Curb Removed	1,340	LF	\$5.00	\$6,700.00	\$4.00	\$5,360.00
54	SPEC	Performance Bond	1	LS	\$8,200.00	\$8,200.00	\$3,400.00	\$3,400.00
TOTAL BASE BID:						\$486,970.00		\$448,906.00*

*Corrected Figure

City of Oregon, Ohio
Grasser Street Sanitary, Storm and Waterline Improvements
Bid Tabulation

Eng. Estimate: \$462,000.00

Date: 11/22/2017
Time: 10:00 AM
Opened by: Paul Roman, P.E.
Witness: Rodney Shultz, P.E., Andrea Beard, Kelly Wolfe
Andrea Beard

CASH SERVICES, LLC	E.R. ZEILER EXCAVATING, INC.
5811 WOODVILLE ROAD NORTHWOOD, OHIO 43619	125 W. SUBSTATION RD TEMPERANCE, MI 48182

Ref No.	ODOT Item#	Item Description	Quantity	Unit	CASH SERVICES, LLC		E.R. ZEILER EXCAVATING, INC.	
					Unit Price	Total Price	Unit Price	Total Price
General Requirements								
1	624	Mobilization	1	LS	\$35,000.00	\$35,000.00	\$10,000.00	\$10,000.00
2	614	Maintenance of Traffic	1	LS	\$5,000.00	\$5,000.00	\$8,000.00	\$8,000.00
3	659	Restoration of Right-of-Way	1	LS	\$7,280.00	\$7,280.00	\$8,000.00	\$8,000.00
4	623	Construction Layout Staking	1	LS	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00
5	201	Clearing and Grubbing	1	LS	\$500.00	\$500.00	\$4,000.00	\$4,000.00
Erosion and Sediment Control								
6	832	Construction Seeding and Mulching	100	SY	\$12.00	\$1,200.00	\$2.00	\$200.00
7	832	Perimeter Filter Fabric Fence	100	LF	\$5.00	\$500.00	\$1.00	\$100.00
8	832	Inlet Protection	8	EA	\$85.00	\$680.00	\$100.00	\$800.00
9	832	Construction Entrance	3	CY	\$100.00	\$300.00	\$500.00	\$1,500.00
Sewer Cleaning, CCTV Inspection, and Lining of Pipe Sewers								
10	SPEC	Flow Diversion and By-Pass Pumping	1	LS	\$916.00	\$916.00	\$11,000.00	\$11,000.00
11	SPEC	Pre-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$6.50	\$650.00	\$3.25	\$325.00
12	SPEC	Post-Rehabilitation Cleaning and Television Inspection of 8-Inch Sanitary Sewer Pipe	100	LF	\$9.00	\$900.00	\$3.25	\$325.00
13	SPEC	Trimming of Protruding Connections	1	EA	\$453.00	\$453.00	\$500.00	\$500.00
14	SPEC	Install Cured-in-Place Pipe Liner on Existing 8-inch Sanitary Sewer Pipe (6MM min. thickness)	100	LF	\$51.90	\$5,190.00	\$75.00	\$7,500.00
15	SPEC	Reconnecting Service Connections	1	EA	\$431.50	\$431.50	\$200.00	\$200.00
Sanitary								
16	202	Sanitary Manhole Removed	1	EA	\$750.00	\$750.00	\$1,000.00	\$1,000.00
17	202	Sanitary Manhole Abandoned	2	EA	\$1,000.00	\$2,000.00	\$1,200.00	\$2,400.00
18	202	Abandonment of Existing Sanitary Sewer	1	LS	\$1,225.00	\$1,225.00	\$2,500.00	\$2,500.00
19	SPEC	8-inch Sanitary Sewer, Type B	637	LF	\$60.00	\$38,220.00	\$190.00	\$121,030.00
20	SPEC	6-inch Lateral, Long Service	140	LF	\$55.00	\$7,700.00	\$145.00	\$20,300.00
21	SPEC	8-inch Lateral, Long Service	41	LF	\$60.00	\$2,460.00	\$150.00	\$6,150.00
22	SPEC	6-inch Lateral, Short Service	263	LF	\$55.00	\$14,465.00	\$130.00	\$34,190.00
23	SPEC	6-inch Vertical Service Connection Riser	40	VLF	\$15.00	\$600.00	\$85.00	\$3,400.00
24	SPEC	6 inch on 8 inch Sewer Pipe Wye	12	EA	\$165.00	\$1,980.00	\$60.00	\$720.00
25	SPEC	6 inch on 6 inch Sewer Pipe Wye	2	EA	\$150.00	\$300.00	\$45.00	\$90.00
26	SPEC	8 inch on 8 inch Sewer Pipe Wye	2	EA	\$195.00	\$390.00	\$120.00	\$240.00
27	SPEC	Sanitary Drop Manhole with Frame and Cover	43	VLF	\$150.00	\$6,450.00	\$150.00	\$6,450.00
28	SPEC	Sanitary Manhole with Frames and Covers	19	VLF	\$555.00	\$10,545.00	\$600.00	\$11,400.00
29	SPEC	8 inch drop connection	5	VLF	\$125.00	\$625.00	\$250.00	\$1,250.00
Waterline								
30	638	8" Waterline, C900, Type B	668	LF	\$51.00	\$34,068.00	\$65.00	\$43,420.00
31	638	8" Waterline, C900, Type C	548	LF	\$40.00	\$21,920.00	\$50.00	\$27,400.00
32	SPEC	8" Waterline, Installed by Trenchless Operation	120	LF	\$42.00	\$5,040.00	\$75.00	\$9,000.00
33	638	8" Gate Valve with Valve Box	2	EA	\$1,650.00	\$3,300.00	\$1,700.00	\$3,400.00
34	638	8" x 8" x 8" Tee	1	EA	\$475.00	\$475.00	\$410.00	\$410.00
35	638	Fire Hydrant and Valve Assembly	3	EA	\$4,500.00	\$13,500.00	\$5,000.00	\$15,000.00
36	SPEC	Reconnection of Water Service , Long Service	10	EA	\$1,200.00	\$12,000.00	\$1,300.00	\$13,000.00
37	SPEC	Reconnection of Water Service, Short Service	7	EA	\$900.00	\$6,300.00	\$1,000.00	\$7,000.00
38	SPEC	Abandonment of Existing Waterlines	1	LS	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
Drainage								
39	202	Pipe Removed (Storm)	78	LF	\$2.00	\$156.00	\$10.00	\$780.00
40	202	Storm Catch Basin Removed	2	EA	\$500.00	\$1,000.00	\$600.00	\$1,200.00
41	611	12" Storm Sewer(706.02), Type B	78	LF	\$40.00	\$3,120.00	\$55.00	\$4,290.00
42	605	Shallow Pipe Underdrains, 707.31	1,276	LF	\$8.00	\$10,208.00	\$10.00	\$12,760.00
43	611	Catch Basin, Type 3A with frame and cover	2	EA	\$1,300.00	\$2,600.00	\$3,200.00	\$6,400.00
43A	SPEC	Post-Construction Cleaning and Television Inspection of Existing and Replaced 12-inch Storm Sewer	727	LF	\$2.00	\$1,454.00	\$2.50	\$1,817.50
Pavement Restoration								
44	254	Pavement Removed, APP	1,702	SY	\$2.75	\$4,680.50	\$5.00	\$8,510.00
44A	203	Excavation	284	CY	\$12.50	\$3,550.00	\$16.00	\$4,544.00
45	448	1-1/2" Item 448 (Type I) Surface Course	75	CY	\$192.50	\$14,437.50	\$200.00	\$15,000.00
45A	448	2-1/2" Item 448 (Type II) Intermediate Course	120	CY	\$171.60	\$20,592.00	\$190.00	\$22,800.00
46	304	Aggregate Base, APP	567	CY	\$40.00	\$22,680.00	\$26.00	\$14,742.00
46A	203	Granular Material, Type C, Including Excavation, APP	178	CY	\$48.00	\$8,544.00	\$60.00	\$10,680.00
46B	204	Subgrade Compaction	1,702	SY	\$1.25	\$2,127.50	\$1.00	\$1,702.00
46C	204	Proof Rolling, APP	2	HR	\$250.00	\$500.00	\$150.00	\$300.00
47	407	Tack Coat @ 0.40 Gal/SY	715	GAL	\$3.30	\$2,359.50	\$2.25	\$1,608.75
48	448	Asphalt Driveway Replacement (3-inch Thickness)	20	CY	\$275.00	\$5,500.00	\$500.00	\$10,000.00
49	452	Concrete Driveway Replacement , MS (6-inch Thickness)	1,146	SF	\$6.42	\$7,357.32	\$6.00	\$6,876.00
50	452	Concrete Driveway Replacement , MS (8-inch Thickness)	306	SF	\$7.56	\$2,313.36	\$7.00	\$2,142.00
51	608	4" Concrete Sidewalk	112	SF	\$4.98	\$557.76	\$5.00	\$560.00
52	609	Type 6 Curb Installation (4 inch Reveal)	1,340	LF	\$14.10	\$18,894.00	\$16.00	\$21,440.00
53	202	Curb Removed	1,340	LF	\$1.50	\$2,010.00	\$5.00	\$6,700.00
54	SPEC	Performance Bond	1	LS	\$7,500.00	\$7,500.00	\$6,547.75	\$6,547.75
TOTAL BASE BID:						\$390,454.94		\$549,100.00

*Corrected Figure