

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Beheler Excavating Inc			Underground Utilities, Inc.		
							Materials	Labor	Extension	Materials	Labor	Extension
1	Demolition	1	201	Clearing & Grubbing	1	LS	0.00	1,600.00	1,600.00	2,100.00	900.00	3,000.00
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	300.00	350.00	2,600.00	455.00	195.00	2,600.00
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	1,100.00	1,100.00	6,600.00	1,540.00	660.00	6,600.00
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	250.00	250.00	2,000.00	210.00	90.00	1,200.00
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	5.00	5.00	1,920.00	8.40	3.60	2,304.00
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	2.50	2.50	1,475.00	2.80	1.20	1,180.00
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	1.00	1.00	2,318.00	1.75	0.75	2,897.50
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	1.50	1.50	2,028.00	2.80	1.20	2,704.00
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	1.00	2.00	3,201.00	1.40	0.60	2,134.00
2	Roadway	10	203	Excavation	1	LS	0.00	10,000.00	10,000.00	7,000.00	3,000.00	10,000.00
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	3.00	2.75	34,500.00	2.28	0.97	19,500.00
2	Roadway	12	301	Asphalt Concrete Base	136	CY	200.00	102.00	41,072.00	224.00	96.00	43,520.00
2	Roadway	13	304	Aggregate Base	74	CY	28.00	10.00	2,812.00	21.00	9.00	2,220.00
2	Roadway	14	407	Tack Coat	600	Gal	1.00	1.25	1,350.00	1.58	0.67	1,350.00
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	100.00	124.00	69,440.00	168.00	72.00	74,400.00
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	200.00	104.00	19,760.00	217.00	93.00	20,150.00
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	50.00	25.00	20,850.00	35.00	15.00	13,900.00
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	2.00	4.65	130,705.75	3.85	1.65	108,102.50
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	3.00	5.50	39,567.50	4.55	1.95	30,257.50
2	Roadway	20	608	Concrete Walk (8")	271	SF	4.00	3.90	2,140.90	5.60	2.40	2,168.00
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	175.00	200.00	16,125.00	227.50	97.50	13,975.00
2	Roadway	22	609	Combination Curb & Gutter	43	LF	20.00	20.00	1,720.00	28.00	12.00	1,720.00
2	Roadway	23	657	Tree Protection Fencing	415	LF	1.00	1.00	830.00	2.10	0.90	1,245.00
2	Roadway	24	659	Seeding & Mulching	3,200	SY	3.00	3.00	19,200.00	3.50	1.50	16,000.00
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	45.00	45.00	1,080.00	63.00	27.00	1,080.00
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	150.00	75.00	31,500.00	161.00	69.00	32,200.00
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	750.00	2,000.00	2,750.00	700.00	300.00	1,000.00
3	Storm Sewer	28	604	Type C Manhole	34	EA	950.00	1,500.00	83,300.00	1,890.00	810.00	91,800.00
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	900.00	2,000.00	11,600.00	2,380.00	1,020.00	13,600.00
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	500.00	1,500.00	60,000.00	910.00	390.00	39,000.00
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	500.00	2,000.00	2,500.00	1,260.00	540.00	1,800.00
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	50.00	50.00	400.00	1,400.00	600.00	8,000.00
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	2.00	12.00	11,592.00	5.60	2.40	6,624.00
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	13.00	24.50	8,475.00	47.60	20.40	15,368.00
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	25.00	24.50	27,175.50	52.50	22.50	41,175.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Beheler Excavating Inc			Underground Utilities, Inc.		
							Materials	Labor	Extension	Materials	Labor	Extension
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	25.00	24.50	742.50	67.90	29.10	1,455.00
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	26.00	26.00	1,560.00	54.60	23.40	2,340.00
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	28.00	20.50	5,723.00	72.80	31.20	12,272.00
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	35.00	20.50	4,218.00	84.00	36.00	9,120.00
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	44.00	30.75	57,707.00	83.30	35.70	91,868.00
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	50.00	30.75	89,551.75	87.50	37.50	138,625.00
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	40.00	24.00	8,832.00	88.20	37.80	17,388.00
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	60.00	24.00	3,780.00	106.40	45.60	6,840.00
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	75.00	24.00	6,435.00	117.60	50.40	10,920.00
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	45.00	20.00	38,090.00	38.50	16.50	32,230.00
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	166.00	100.00	5,054.00	84.00	36.00	2,280.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	33.00	100.00	1,995.00	87.50	37.50	1,875.00
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	33.00	16.00	7,203.00	42.00	18.00	8,820.00
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	15.00	5.00	1,800.00	9.80	4.20	1,260.00
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	18.00	5.00	2,806.00	9.80	4.20	1,708.00
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	20.00	5.00	1,150.00	9.80	4.20	644.00
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	65.00	5.00	4,270.00	22.40	9.60	1,952.00
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	5.00	5.00	90.00	14.00	6.00	180.00
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	5.00	5.00	80.00	14.00	6.00	160.00
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	7.00	8.00	1,665.00	7.00	3.00	1,110.00
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	300.00	300.00	1,800.00	206.50	88.50	885.00
4	Signage	57	630	Sign, Flat sheet	52	SF	15.00	10.00	1,300.00	16.10	6.90	1,196.00
4	Signage	58	630	Street Name Sign	18	SF	100.00	85.00	3,330.00	23.10	9.90	594.00
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	17.00	5.00	1,606.00	21.00	9.00	2,190.00
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	1.00	1.00	3,800.00	2.10	0.90	5,700.00
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	1.00	1.00	1,574.00	3.50	1.50	3,935.00
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	250.00	250.00	1,000.00	140.00	60.00	400.00
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	125.00	75.00	53,000.00	161.00	69.00	60,950.00
6	Water Line	64	614	Maintaining Traffic	1	LS	0.00	5,000.00	5,000.00	2,100.00	900.00	3,000.00
6	Water Line	65	615	Temporary Pavement	1,050	SY	1.00	1.00	2,100.00	0.07	0.03	105.00
6	Water Line	66	659	Seeding & Mulching	458	SY	2.50	2.50	2,290.00	3.50	1.50	2,290.00
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	18.73	25.00	8,439.89	112.00	48.00	30,880.00
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	40.00	47.00	252,996.00	100.80	43.20	418,752.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Beheler Excavating Inc			Underground Utilities, Inc.		
							Materials	Labor	Extension	Materials	Labor	Extension
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	700.00	200.00	8,100.00	630.00	270.00	8,100.00
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	950.00	200.00	9,200.00	840.00	360.00	9,600.00
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	1,800.00	4,000.00	5,800.00	3,500.00	1,500.00	5,000.00
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	300.00	900.00	26,400.00	630.00	270.00	19,800.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	750.00	775.00	45,750.00	630.00	270.00	27,000.00
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	1,000.00	2,000.00	3,000.00	1,120.00	480.00	1,600.00
6	Water Line	75	805	Fire Hydrant	9	EA	1,400.00	1,500.00	26,100.00	1,400.00	600.00	18,000.00
6	Water Line	76	SPEC	Heat Welding	29	SY	75.00	20.00	2,755.00	42.00	18.00	1,740.00
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	0.00	5,000.00	5,000.00	700.00	300.00	1,000.00
7	Water Line	78	SPEC	Survey Coordinates	1	LS	0.00	7,500.00	7,500.00	700.00	300.00	1,000.00
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	0.00	15,000.00	15,000.00	2,100.00	900.00	3,000.00
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	0.00	15,000.00	15,000.00	10,500.00	4,500.00	15,000.00
8	Miscellaneous	81	624	Mobilization	1	LS	0.00	20,000.00	20,000.00	42,000.00	18,000.00	60,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	1.00	1.00	3,382.00	0.35	0.15	845.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	1.00	1.00	2,040.00	0.70	0.30	1,020.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	50.00	50.00	200.00	70.00	30.00	200.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	100.00	100.00	400.00	210.00	90.00	600.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	35.00	16.00	15,300.00	14.00	6.00	6,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	2.50	2.50	950.00	3.50	1.50	950.00

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							Materials	Labor	Extension	Materials	Labor	Extension
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	250.00	250.00	1,000.00	700.00	300.00	2,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	50.00	50.00	500.00	21.00	9.00	150.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	50.00	10.00	1,500.00	35.00	15.00	1,250.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	100.00	250.00	3,150.00	140.00	60.00	1,800.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	1,250.00	1,250.00	5,000.00	2,100.00	900.00	6,000.00
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	15.00	10.00	1,250.00	28.00	12.00	2,000.00
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	25.00	15.00	2,000.00	28.00	12.00	2,000.00
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	125.00	10.00	810.00	35.00	15.00	300.00
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	2.00	3.00	2,000.00	0.70	0.30	400.00
9	Contingency Items - Water line	97	805	Curb Box	53	EA	45.00	15.00	3,180.00	21.00	9.00	1,590.00
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	30.00	10.00	1,920.00	14.00	6.00	960.00
				Subtotal					1,489,362.79			1,707,604.00
				Force Account (20%)					297,872.56			341,520.80
				GRAND TOTAL					<b>\$1,787,235.35</b>			<b>\$2,049,124.80</b>

Corrected \$0.02 rounding on contingency and grand total.

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Conie Construction Co.			John Eramo & So	
							Materials	Labor	Extension	Materials	Labor
1	Demolition	1	201	Clearing & Grubbing	1	LS	0.00	10,000.00	10,000.00	0.00	2,000.00
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	0.00	600.00	2,400.00	0.00	600.00
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	0.00	1,700.00	5,100.00	0.00	1,600.00
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	50.00	250.00	1,200.00	0.00	180.00
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	5.00	15.00	3,840.00	0.00	15.00
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	0.00	5.00	1,475.00	0.00	2.00
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	0.00	7.00	8,113.00	0.00	5.00
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	0.00	20.00	13,520.00	0.00	10.00
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	0.00	14.00	14,938.00	0.00	10.00
2	Roadway	10	203	Excavation	1	LS	0.00	50,000.00	50,000.00	0.00	30,000.00
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	0.00	2.60	15,600.00	0.00	2.50
2	Roadway	12	301	Asphalt Concrete Base	136	CY	155.00	100.00	34,680.00	120.00	130.00
2	Roadway	13	304	Aggregate Base	74	CY	20.00	50.00	5,180.00	30.00	40.00
2	Roadway	14	407	Tack Coat	600	Gal	1.00	1.60	1,560.00	1.00	1.50
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	185.00	100.00	88,350.00	140.00	135.00
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	170.00	100.00	17,550.00	130.00	130.00
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	50.00	20.00	19,460.00	30.00	26.00
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	4.00	3.00	137,585.00	3.00	3.50
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	5.00	3.00	37,240.00	4.00	4.00
2	Roadway	20	608	Concrete Walk (8")	271	SF	7.00	3.00	2,710.00	5.00	5.50
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	210.00	200.00	17,630.00	100.00	250.00
2	Roadway	22	609	Combination Curb & Gutter	43	LF	20.00	45.00	2,795.00	15.00	21.00
2	Roadway	23	657	Tree Protection Fencing	415	LF	0.50	1.50	830.00	1.00	3.00
2	Roadway	24	659	Seeding & Mulching	3,200	SY	1.50	8.00	30,400.00	0.50	1.50
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	0.00	125.00	1,500.00	0.00	125.00
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	150.00	230.00	53,200.00	100.00	125.00
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	0.00	2,500.00	2,500.00	0.00	2,000.00
3	Storm Sewer	28	604	Type C Manhole	34	EA	1,200.00	700.00	64,600.00	1,000.00	890.00
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	1,200.00	2,400.00	14,400.00	1,500.00	2,100.00
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	650.00	650.00	39,000.00	600.00	440.00
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	650.00	2,650.00	3,300.00	800.00	2,200.00
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	250.00	280.00	2,120.00	75.00	25.00
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	4.00	13.00	14,076.00	3.00	11.00
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	13.00	69.00	18,532.00	15.00	85.00
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	18.00	78.00	52,704.00	20.00	96.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Conie Construction Co.			John Eramo & So	
							Materials	Labor	Extension	Materials	Labor
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	18.00	102.00	1,800.00	25.00	163.00
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	22.00	98.00	3,600.00	30.00	100.00
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	30.00	100.00	15,340.00	35.00	75.00
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	30.00	65.00	7,220.00	40.00	75.00
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	38.00	72.00	84,920.00	45.00	75.00
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	38.00	82.00	133,080.00	50.00	90.00
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	54.00	106.00	22,080.00	55.00	75.00
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	57.00	113.00	7,650.00	65.00	185.00
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	57.00	93.00	9,750.00	60.00	110.00
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	30.00	3.00	19,338.00	20.00	10.00
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	140.00	280.00	7,980.00	100.00	200.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	40.00	40.00	1,200.00	15.00	63.00
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	90.00	90.00	26,460.00	40.00	60.00
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	11.00	5.00	1,440.00	5.00	11.00
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	14.00	5.00	2,318.00	5.00	14.00
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	16.00	5.00	966.00	5.00	16.00
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	40.00	29.00	4,209.00	40.00	26.00
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	0.00	25.00	225.00	0.00	30.00
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	0.00	25.00	200.00	0.00	30.00
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	10.00	3.00	1,443.00	6.00	7.00
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	625.00	300.00	2,775.00	400.00	500.00
4	Signage	57	630	Sign, Flat sheet	52	SF	20.00	4.00	1,248.00	10.00	13.00
4	Signage	58	630	Street Name Sign	18	SF	150.00	45.00	3,510.00	90.00	100.00
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	25.00	50.00	5,475.00	40.00	40.00
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	1.25	1.25	4,750.00	2.00	2.00
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	2.00	2.00	3,148.00	1.00	4.00
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	125.00	975.00	2,200.00	0.00	500.00
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	150.00	230.00	100,700.00	100.00	125.00
6	Water Line	64	614	Maintaining Traffic	1	LS	7,500.00	7,500.00	15,000.00	0.00	5,000.00
6	Water Line	65	615	Temporary Pavement	1,050	SY	2.50	2.50	5,250.00	0.00	0.01
6	Water Line	66	659	Seeding & Mulching	458	SY	1.50	8.00	4,351.00	1.00	1.00
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	40.00	100.00	27,020.00	35.00	225.00
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	40.00	90.00	378,040.00	40.00	80.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Conie Construction Co.			John Eramo & So	
							Materials	Labor	Extension	Materials	Labor
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	640.00	220.00	7,740.00	700.00	200.00
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	900.00	300.00	9,600.00	900.00	200.00
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	1,700.00	4,000.00	5,700.00	3,000.00	2,500.00
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	250.00	850.00	24,200.00	300.00	1,400.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	300.00	1,200.00	45,000.00	350.00	1,650.00
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	1,200.00	1,400.00	2,600.00	500.00	2,600.00
6	Water Line	75	805	Fire Hydrant	9	EA	1,600.00	1,500.00	27,900.00	1,500.00	900.00
6	Water Line	76	SPEC	Heat Welding	29	SY	5.00	50.00	1,595.00	0.00	60.00
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	1,750.00	1,750.00	3,500.00	100.00	400.00
7	Water Line	78	SPEC	Survey Coordinates	1	LS	0.00	1,500.00	1,500.00	0.00	4,000.00
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	5,000.00	15,000.00	20,000.00	0.00	5,000.00
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	0.00	15,000.00	15,000.00	0.00	20,000.00
8	Miscellaneous	81	624	Mobilization	1	LS	0.00	27,350.00	27,350.00	0.00	66,410.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	0.00	4.00	6,764.00	0.00	1.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	10.00	10.00	20,400.00	1.00	2.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	200.00	300.00	1,000.00	50.00	50.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	2,000.00	500.00	5,000.00	100.00	100.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	30.00	20.00	15,000.00	20.00	30.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	1.50	0.50	380.00	0.50	1.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Conie Construction Co.			John Eramo & So	
							Materials	Labor	Extension	Materials	Labor
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	300.00	700.00	2,000.00	200.00	800.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	30.00	0.00	150.00	25.00	3.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	38.00	0.00	950.00	20.00	20.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	250.00	250.00	4,500.00	100.00	500.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	300.00	2,200.00	5,000.00	200.00	1,300.00
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	15.00	15.00	1,500.00	20.00	15.00
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	15.00	15.00	1,500.00	20.00	15.00
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	100.00	15.00	690.00	75.00	25.00
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	2.00	0.00	800.00	2.00	0.25
9	Contingency Items - Water line	97	805	Curb Box	53	EA	35.00	0.00	1,855.00	25.00	3.00
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	0.00	25.00	1,200.00	25.00	25.00
				Subtotal					1,953,148.00		
				Force Account (20%)					390,629.60		
				GRAND TOTAL					<b>\$2,343,777.60</b>		

Corrected contingency & grand total; bidder used 10% instead of 20%.

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	ns, Inc	
						Units	Extension
1	Demolition	1	201	Clearing & Grubbing	1	LS	2,000.00
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	2,400.00
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	4,800.00
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	720.00
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	2,880.00
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	590.00
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	5,795.00
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	6,760.00
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	10,670.00
2	Roadway	10	203	Excavation	1	LS	30,000.00
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	15,000.00
2	Roadway	12	301	Asphalt Concrete Base	136	CY	34,000.00
2	Roadway	13	304	Aggregate Base	74	CY	5,180.00
2	Roadway	14	407	Tack Coat	600	Gal	1,500.00
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	85,250.00
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	16,900.00
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	15,568.00
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	127,757.50
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	37,240.00
2	Roadway	20	608	Concrete Walk (8")	271	SF	2,845.50
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	15,050.00
2	Roadway	22	609	Combination Curb & Gutter	43	LF	1,548.00
2	Roadway	23	657	Tree Protection Fencing	415	LF	1,660.00
2	Roadway	24	659	Seeding & Mulching	3,200	SY	6,400.00
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	1,500.00
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	31,500.00
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	2,000.00
3	Storm Sewer	28	604	Type C Manhole	34	EA	64,260.00
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	14,400.00
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	31,200.00
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	3,000.00
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	400.00
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	11,592.00
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	22,600.00
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	63,684.00

							ns, Inc
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	2,820.00
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	3,900.00
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	12,980.00
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	8,740.00
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	92,640.00
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	155,260.00
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	17,940.00
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	11,250.00
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	11,050.00
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	17,580.00
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	5,700.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	1,170.00
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	14,700.00
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	1,440.00
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	2,318.00
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	966.00
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	4,026.00
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	270.00
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	240.00
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	1,443.00
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	2,700.00
4	Signage	57	630	Sign, Flat sheet	52	SF	1,196.00
4	Signage	58	630	Street Name Sign	18	SF	3,420.00
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	5,840.00
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	7,600.00
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	3,935.00
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	1,000.00
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	59,625.00
6	Water Line	64	614	Maintaining Traffic	1	LS	5,000.00
6	Water Line	65	615	Temporary Pavement	1,050	SY	10.50
6	Water Line	66	659	Seeding & Mulching	458	SY	916.00
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	50,180.00
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	348,960.00

							ns, Inc
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	8,100.00
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	8,800.00
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	5,500.00
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	37,400.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	60,000.00
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	3,100.00
6	Water Line	75	805	Fire Hydrant	9	EA	21,600.00
6	Water Line	76	SPEC	Heat Welding	29	SY	1,740.00
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	500.00
7	Water Line	78	SPEC	Survey Coordinates	1	LS	4,000.00
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	5,000.00
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	20,000.00
8	Miscellaneous	81	624	Mobilization	1	LS	66,410.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	1,691.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	3,060.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	200.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	400.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	15,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	285.00

							ns, Inc
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	2,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	140.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	1,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	5,400.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	3,000.00
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	1,750.00
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	1,750.00
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	600.00
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	900.00
9	Contingency Items - Water line	97	805	Curb Box	53	EA	1,484.00
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	2,400.00
				Subtotal			1,818,676.00
				Force Account (20%)			363,735.20
				GRAND TOTAL			<b>\$2,182,411.20</b>

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Elite Excavating Co. of Ohio			Shelly & Sands,	
							Materials	Labor	Extension	Materials	Labor
1	Demolition	1	201	Clearing & Grubbing	1	LS	6,000.00	4,000.00	10,000.00	0.00	15,000.00
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	390.00	260.00	2,600.00	0.00	1,500.00
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	1,320.00	880.00	6,600.00	0.00	3,000.00
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	180.00	120.00	1,200.00	0.00	150.00
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	12.00	8.00	3,840.00	0.00	18.00
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	3.00	2.00	1,475.00	0.00	5.00
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	3.00	2.00	5,795.00	0.00	3.50
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	5.00	3.00	5,408.00	0.00	19.50
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	5.00	3.00	8,536.00	0.00	4.00
2	Roadway	10	203	Excavation	1	LS	18,000.00	12,000.00	30,000.00	0.00	90,000.00
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	1.50	1.00	15,000.00	0.00	3.30
2	Roadway	12	301	Asphalt Concrete Base	136	CY	165.00	110.00	37,400.00	117.50	117.50
2	Roadway	13	304	Aggregate Base	74	CY	90.00	60.00	11,100.00	82.50	82.50
2	Roadway	14	407	Tack Coat	600	Gal	2.00	1.00	1,800.00	1.25	1.25
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	165.00	110.00	85,250.00	124.00	124.00
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	156.00	104.00	16,900.00	270.00	270.00
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	36.00	24.00	16,680.00	42.00	42.00
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	3.00	2.00	98,275.00	2.50	2.50
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	4.00	2.00	27,930.00	4.00	4.00
2	Roadway	20	608	Concrete Walk (8")	271	SF	4.00	3.00	1,897.00	6.75	6.75
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	240.00	160.00	17,200.00	137.50	137.50
2	Roadway	22	609	Combination Curb & Gutter	43	LF	30.00	20.00	2,150.00	22.75	22.75
2	Roadway	23	657	Tree Protection Fencing	415	LF	2.00	1.00	1,245.00	3.50	3.50
2	Roadway	24	659	Seeding & Mulching	3,200	SY	2.00	1.00	9,600.00	0.55	0.55
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	54.00	36.00	1,080.00	0.00	300.00
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	90.00	60.00	21,000.00	117.50	117.50
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	2,700.00	1,800.00	4,500.00	375.00	375.00
3	Storm Sewer	28	604	Type C Manhole	34	EA	2,100.00	1,400.00	119,000.00	1,375.00	1,375.00
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	3,300.00	2,200.00	22,000.00	4,500.00	4,500.00
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	900.00	600.00	45,000.00	1,100.00	1,100.00
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	2,100.00	1,400.00	3,500.00	1,280.00	1,280.00
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	900.00	600.00	6,000.00	275.00	275.00
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	15.00	10.00	20,700.00	15.00	15.00
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	39.00	26.00	14,690.00	29.00	29.00
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	57.00	38.00	52,155.00	25.00	25.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Elite Excavating Co. of Ohio			Shelly & Sands,	
							Materials	Labor	Extension	Materials	Labor
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	45.00	30.00	1,125.00	43.00	43.00
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	60.00	40.00	3,000.00	59.00	59.00
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	48.00	32.00	9,440.00	41.50	41.50
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	60.00	40.00	7,600.00	39.00	39.00
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	54.00	36.00	69,480.00	49.00	49.00
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	66.00	44.00	121,990.00	46.00	46.00
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	48.00	32.00	11,040.00	47.00	47.00
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	114.00	76.00	8,550.00	55.00	55.00
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	84.00	56.00	9,100.00	68.50	68.50
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	36.00	24.00	35,160.00	15.00	15.00
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	240.00	160.00	7,600.00	500.00	500.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	48.00	32.00	1,200.00	54.00	54.00
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	60.00	40.00	14,700.00	50.00	50.00
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	36.00	24.00	5,400.00	17.50	17.50
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	36.00	24.00	7,320.00	17.50	17.50
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	36.00	24.00	2,760.00	17.50	17.50
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	24.00	16.00	2,440.00	100.00	100.00
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	15.00	10.00	225.00	0.00	25.00
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	15.00	10.00	200.00	0.00	25.00
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	9.00	6.00	1,665.00	7.50	7.50
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	360.00	240.00	1,800.00	300.00	300.00
4	Signage	57	630	Sign, Flat sheet	52	SF	15.00	10.00	1,300.00	12.50	12.50
4	Signage	58	630	Street Name Sign	18	SF	111.00	74.00	3,330.00	92.50	92.50
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	60.00	40.00	7,300.00	55.00	55.00
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	3.00	2.00	9,500.00	3.00	3.00
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	3.00	2.00	3,935.00	1.00	1.00
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	300.00	200.00	1,000.00	0.00	850.00
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	168.00	112.00	74,200.00	105.00	105.00
6	Water Line	64	614	Maintaining Traffic	1	LS	6,000.00	4,000.00	10,000.00	500.00	3,500.00
6	Water Line	65	615	Temporary Pavement	1,050	SY	12.00	8.00	21,000.00	5.00	5.00
6	Water Line	66	659	Seeding & Mulching	458	SY	1.00	1.00	916.00	0.62	0.63
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	114.00	76.00	36,670.00	110.00	110.00
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	57.00	38.00	276,260.00	49.00	49.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Elite Excavating Co. of Ohio			Shelly & Sands,	
							Materials	Labor	Extension	Materials	Labor
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	660.00	440.00	9,900.00	500.00	500.00
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	960.00	640.00	12,800.00	562.50	562.50
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	4,200.00	2,800.00	7,000.00	3,887.50	3,887.50
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	960.00	640.00	35,200.00	850.00	850.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	1,140.00	760.00	57,000.00	1,250.00	1,250.00
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	1,800.00	1,200.00	3,000.00	1,595.00	1,595.00
6	Water Line	75	805	Fire Hydrant	9	EA	2,100.00	1,400.00	31,500.00	1,550.00	1,550.00
6	Water Line	76	SPEC	Heat Welding	29	SY	60.00	40.00	2,900.00	25.00	25.00
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	300.00	200.00	500.00	2,150.00	2,150.00
7	Water Line	78	SPEC	Survey Coordinates	1	LS	1,800.00	1,200.00	3,000.00	500.00	9,500.00
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	15,000.00	10,000.00	25,000.00	5,000.00	69,000.00
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	12,000.00	8,000.00	20,000.00	1,000.00	37,000.00
8	Miscellaneous	81	624	Mobilization	1	LS	24,000.00	16,000.00	40,000.00	2,000.00	38,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	0.60	0.40	1,691.00	0.00	0.75
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	21.00	14.00	35,700.00	22.50	22.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	30.00	20.00	100.00	12.50	12.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	720.00	480.00	2,400.00	75.00	75.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	25.00	17.00	12,600.00	22.50	22.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	1.00	1.00	380.00	0.75	0.75

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Elite Excavating Co. of Ohio			Shelly & Sands,	
							Materials	Labor	Extension	Materials	Labor
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	900.00	600.00	3,000.00	1,500.00	1,500.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	60.00	40.00	500.00	200.00	200.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	11.00	7.00	450.00	137.50	137.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	600.00	400.00	9,000.00	400.00	400.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	2,220.00	1,480.00	7,400.00	4,000.00	4,000.00
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	24.00	16.00	2,000.00	22.50	22.50
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	30.00	20.00	2,500.00	22.50	22.50
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	150.00	100.00	1,500.00	50.00	50.00
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	2.00	1.00	1,200.00	1.50	1.50
9	Contingency Items - Water line	97	805	Curb Box	53	EA	60.00	40.00	5,300.00	137.50	137.50
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	21.00	14.00	1,680.00	25.00	25.00
				Subtotal					1,829,913.00		
				Force Account (20%)					365,982.60		
				GRAND TOTAL					<b>\$2,195,895.60</b>		

Corrected \$0.01 rounding on cc grand total.

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Inc.
							Extension
1	Demolition	1	201	Clearing & Grubbing	1	LS	15,000.00
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	6,000.00
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	9,000.00
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	600.00
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	3,456.00
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	1,475.00
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	4,056.50
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	13,182.00
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	4,268.00
2	Roadway	10	203	Excavation	1	LS	90,000.00
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	19,800.00
2	Roadway	12	301	Asphalt Concrete Base	136	CY	31,960.00
2	Roadway	13	304	Aggregate Base	74	CY	12,210.00
2	Roadway	14	407	Tack Coat	600	Gal	1,500.00
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	76,880.00
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	35,100.00
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	23,352.00
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	98,275.00
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	37,240.00
2	Roadway	20	608	Concrete Walk (8")	271	SF	3,658.50
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	11,825.00
2	Roadway	22	609	Combination Curb & Gutter	43	LF	1,956.50
2	Roadway	23	657	Tree Protection Fencing	415	LF	2,905.00
2	Roadway	24	659	Seeding & Mulching	3,200	SY	3,520.00
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	3,600.00
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	32,900.00
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	750.00
3	Storm Sewer	28	604	Type C Manhole	34	EA	93,500.00
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	36,000.00
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	66,000.00
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	2,560.00
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	2,200.00
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	24,840.00
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	13,108.00
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	27,450.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Inc.
							Extension
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	1,290.00
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	3,540.00
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	9,794.00
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	5,928.00
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	75,656.00
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	102,028.00
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	12,972.00
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	4,950.00
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	8,905.00
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	17,580.00
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	19,000.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	1,620.00
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	14,700.00
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	3,150.00
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	4,270.00
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	1,610.00
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	12,200.00
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	225.00
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	200.00
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	1,665.00
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	1,800.00
4	Signage	57	630	Sign, Flat sheet	52	SF	1,300.00
4	Signage	58	630	Street Name Sign	18	SF	3,330.00
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	8,030.00
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	11,400.00
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	1,574.00
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	1,700.00
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	55,650.00
6	Water Line	64	614	Maintaining Traffic	1	LS	4,000.00
6	Water Line	65	615	Temporary Pavement	1,050	SY	10,500.00
6	Water Line	66	659	Seeding & Mulching	458	SY	572.50
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	42,460.00
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	284,984.00

							Inc.
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	9,000.00
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	9,000.00
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	7,775.00
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	37,400.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	75,000.00
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	3,190.00
6	Water Line	75	805	Fire Hydrant	9	EA	27,900.00
6	Water Line	76	SPEC	Heat Welding	29	SY	1,450.00
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	4,300.00
7	Water Line	78	SPEC	Survey Coordinates	1	LS	10,000.00
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	74,000.00
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	38,000.00
8	Miscellaneous	81	624	Mobilization	1	LS	40,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	1,268.25
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	45,900.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	50.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	300.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	13,500.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	285.00

							Inc.
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	6,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	2,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	6,875.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	7,200.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	16,000.00
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	2,250.00
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	2,250.00
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	600.00
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	1,200.00
9	Contingency Items - Water line	97	805	Curb Box	53	EA	14,575.00
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	2,400.00
				Subtotal			1,998,379.25
				Force Account (20%)			399,675.85
				<b>GRAND TOTAL</b>			<b>\$2,398,055.10</b>

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**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Facemyer Company			Park Enterprise Con	
							Materials	Labor	Extension	Materials	Labor
1	Demolition	1	201	Clearing & Grubbing	1	LS	0.00	1,250.00	1,250.00	0.00	48,323.16
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	0.00	667.00	2,668.00	0.00	145.64
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	0.00	1,840.00	5,520.00	0.00	2,446.66
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	0.00	500.00	2,000.00	122.77	57.78
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	0.00	18.00	3,456.00	23.30	10.96
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	0.00	7.50	2,212.50	3.18	1.50
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	0.00	5.60	6,490.40	3.32	1.56
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	0.00	12.00	8,112.00	8.46	3.98
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	0.00	9.00	9,603.00	7.49	3.53
2	Roadway	10	203	Excavation	1	LS	0.00	93,000.00	93,000.00	23,901.87	11,247.94
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	0.00	2.90	17,400.00	1.76	0.83
2	Roadway	12	301	Asphalt Concrete Base	136	CY	0.00	291.00	39,576.00	165.85	78.05
2	Roadway	13	304	Aggregate Base	74	CY	35.00	44.00	5,846.00	224.68	105.73
2	Roadway	14	407	Tack Coat	600	Gal	1.00	1.90	1,740.00	2.77	1.31
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	190.00	131.00	99,510.00	137.45	64.68
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	180.00	125.00	19,825.00	267.66	125.96
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	30.00	21.50	14,317.00	47.74	22.46
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	1.00	4.10	100,240.50	4.45	2.10
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	1.50	5.10	30,723.00	5.23	2.46
2	Roadway	20	608	Concrete Walk (8")	271	SF	2.00	6.00	2,168.00	6.01	2.83
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	200.00	260.00	19,780.00	445.63	209.71
2	Roadway	22	609	Combination Curb & Gutter	43	LF	8.00	45.00	2,279.00	37.90	17.84
2	Roadway	23	657	Tree Protection Fencing	415	LF	2.00	4.20	2,573.00	1.85	0.87
2	Roadway	24	659	Seeding & Mulching	3,200	SY	0.50	1.50	6,400.00	3.96	1.87
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	0.00	138.00	1,656.00	0.66	0.31
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	225.00	105.00	46,200.00	163.68	77.03
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	250.00	1,510.00	1,760.00	1,137.07	535.09
3	Storm Sewer	28	604	Type C Manhole	34	EA	1,100.00	2,060.00	107,440.00	1,198.96	564.21
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	1,250.00	2,860.00	16,440.00	3,088.11	1,453.23
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	600.00	1,300.00	57,000.00	746.72	351.40
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	650.00	1,510.00	2,160.00	1,838.74	865.29
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	200.00	167.00	1,468.00	276.26	130.01
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	2.00	30.00	26,496.00	18.48	8.70
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	14.00	63.00	17,402.00	41.38	19.47
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	23.00	60.50	45,841.50	43.68	20.55

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Facemyer Company			Park Enterprise Com	
							Materials	Labor	Extension	Materials	Labor
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	26.00	66.00	1,380.00	47.31	22.27
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	30.00	53.50	2,505.00	50.27	23.65
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	32.00	56.50	10,443.00	59.09	27.81
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	33.00	66.00	7,524.00	58.75	27.64
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	45.00	72.00	90,324.00	70.76	33.30
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	51.00	74.00	138,625.00	70.42	33.14
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	50.00	95.00	20,010.00	87.79	41.32
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	86.00	114.00	9,000.00	111.57	52.50
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	64.00	86.10	9,756.50	104.55	49.20
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	30.00	10.50	23,733.00	47.42	22.31
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	68.00	360.00	8,132.00	78.20	36.80
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	26.00	114.00	2,100.00	39.61	18.61
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	51.00	30.00	11,907.00	37.93	17.85
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	6.00	6.70	1,143.00	11.89	5.59
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	6.00	6.70	1,549.40	14.26	6.71
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	6.00	6.70	584.20	15.84	7.46
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	30.00	45.00	4,575.00	51.50	24.23
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	0.00	29.00	261.00	31.69	14.91
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	0.00	29.00	232.00	31.69	14.91
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	10.00	7.50	1,942.50	9.90	4.66
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	400.00	290.00	2,070.00	705.11	331.81
4	Signage	57	630	Sign, Flat sheet	52	SF	10.00	19.00	1,508.00	17.99	8.46
4	Signage	58	630	Street Name Sign	18	SF	100.00	113.00	3,834.00	145.77	68.60
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	41.00	96.00	10,001.00	62.87	29.58
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	1.50	4.00	10,450.00	2.06	0.97
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	0.80	1.80	2,046.20	1.25	0.59
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	450.00	980.00	2,860.00	708.78	333.55
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	225.00	105.00	87,450.00	323.69	152.32
6	Water Line	64	614	Maintaining Traffic	1	LS	1,000.00	27,000.00	28,000.00	28,840.35	13,571.93
6	Water Line	65	615	Temporary Pavement	1,050	SY	6.00	2.00	8,400.00	13.10	6.17
6	Water Line	66	659	Seeding & Mulching	458	SY	0.50	1.50	916.00	3.96	1.87
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	50.00	70.00	23,160.00	56.68	26.67
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	50.00	51.00	293,708.00	93.26	43.89

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Facemyer Company			Park Enterprise Cont	
							Materials	Labor	Extension	Materials	Labor
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	700.00	850.00	13,950.00	639.78	301.08
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	1,000.00	610.00	12,880.00	760.21	357.74
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	2,500.00	3,840.00	6,340.00	3,483.22	1,639.16
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	300.00	2,410.00	59,620.00	770.10	362.40
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	350.00	2,430.00	83,400.00	1,453.85	684.16
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	1,500.00	3,120.00	4,620.00	2,151.19	1,012.33
6	Water Line	75	805	Fire Hydrant	9	EA	1,800.00	1,930.00	33,570.00	1,344.09	632.52
6	Water Line	76	SPEC	Heat Welding	29	SY	0.00	63.50	1,841.50	43.57	20.51
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	1,500.00	5,500.00	7,000.00	79.22	37.28
7	Water Line	78	SPEC	Survey Coordinates	1	LS	0.00	6,500.00	6,500.00	1,188.38	559.24
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	0.00	18,000.00	18,000.00	29,370.91	13,821.60
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	0.00	31,000.00	31,000.00	13,626.74	6,412.58
8	Miscellaneous	81	624	Mobilization	1	LS	0.00	100,000.00	100,000.00	182,172.56	85,728.27
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	0.00	1.30	2,198.30	0.46	0.21
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	10.00	7.00	17,340.00	16.40	7.72
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	50.00	64.00	228.00	119.14	56.07
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	200.00	1,600.00	3,600.00	534.62	251.59
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	40.00	24.50	19,350.00	32.52	15.30
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	0.50	3.50	760.00	3.96	1.87

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Facemyer Company			Park Enterprise Cont	
							Materials	Labor	Extension	Materials	Labor
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	500.00	3,780.00	8,560.00	1,696.89	798.53
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	40.00	526.00	2,830.00	62.36	29.34
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	30.00	56.00	2,150.00	21.71	10.21
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	250.00	250.00	4,500.00	533.26	250.95
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	1,500.00	7,450.00	17,900.00	2,367.13	1,113.94
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	5.00	45.50	2,525.00	14.12	6.64
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	5.00	48.00	2,650.00	14.12	6.64
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	120.00	135.00	1,530.00	158.45	74.57
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	2.00	0.90	1,160.00	3.92	1.85
9	Contingency Items - Water line	97	805	Curb Box	53	EA	40.00	396.00	23,108.00	67.62	31.82
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	0.00	20.00	960.00	51.84	24.39
				Subtotal					2,130,753.50		
				Force Account (20%)					426,150.70		
				GRAND TOTAL					<b>\$2,556,904.20</b>		

Corrected \$0.12 errors on subto

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	struction	
						Units	Extension
1	Demolition	1	201	Clearing & Grubbing	1	LS	48,323.16
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	582.56
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	7,339.98
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	722.20
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	6,577.92
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	1,380.60
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	5,655.92
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	8,409.44
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	11,758.34
2	Roadway	10	203	Excavation	1	LS	35,149.81
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	15,540.00
2	Roadway	12	301	Asphalt Concrete Base	136	CY	33,170.40
2	Roadway	13	304	Aggregate Base	74	CY	24,450.34
2	Roadway	14	407	Tack Coat	600	Gal	2,448.00
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	62,660.30
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	25,585.30
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	19,515.60
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	128,740.25
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	35,796.95
2	Roadway	20	608	Concrete Walk (8")	271	SF	2,395.64
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	28,179.62
2	Roadway	22	609	Combination Curb & Gutter	43	LF	2,396.82
2	Roadway	23	657	Tree Protection Fencing	415	LF	1,128.80
2	Roadway	24	659	Seeding & Mulching	3,200	SY	18,656.00
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	11.64
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	33,699.40
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	1,672.16
3	Storm Sewer	28	604	Type C Manhole	34	EA	59,947.78
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	18,165.36
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	32,943.60
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	2,704.03
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	1,625.08
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	22,505.04
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	13,752.10
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	35,262.27

					struction		
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	1,043.70
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	2,217.60
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	10,254.20
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	6,565.64
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	80,334.32
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	114,848.04
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	17,817.18
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	7,383.15
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	9,993.75
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	40,861.78
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	2,185.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	873.30
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	8,199.66
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	1,573.20
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	2,558.34
3	Storm Sewer	51	Spec.	Symphoricum Oblongifolius (1 Gal.)	46	EA	1,071.80
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	4,619.53
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	419.40
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	372.80
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	1,616.16
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	3,110.76
4	Signage	57	630	Sign, Flat sheet	52	SF	1,375.40
4	Signage	58	630	Street Name Sign	18	SF	3,858.66
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	6,748.85
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	5,757.00
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	1,448.08
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	2,084.66
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	126,142.65
6	Water Line	64	614	Maintaining Traffic	1	LS	42,412.28
6	Water Line	65	615	Temporary Pavement	1,050	SY	20,233.50
6	Water Line	66	659	Seeding & Mulching	458	SY	2,670.14
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	16,086.55
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	398,832.20

							struction
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	8,467.74
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	8,943.60
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	5,122.38
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	24,915.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	64,140.30
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	3,163.52
6	Water Line	75	805	Fire Hydrant	9	EA	17,789.49
6	Water Line	76	SPEC	Heat Welding	29	SY	1,858.32
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	116.50
7	Water Line	78	SPEC	Survey Coordinates	1	LS	1,747.62
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	43,192.51
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	20,039.32
8	Miscellaneous	81	624	Mobilization	1	LS	267,900.83
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	1,132.97
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	24,602.40
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	350.42
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	1,572.42
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	14,346.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	1,107.70

					struction		
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	4,990.84
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	458.50
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	798.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	7,057.89
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	6,962.14
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	1,038.00
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	1,038.00
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	1,398.12
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	2,308.00
9	Contingency Items - Water line	97	805	Curb Box	53	EA	5,270.32
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	3,659.04
				Subtotal			2,239,909.58
				Force Account (20%)			447,981.92
				<b>GRAND TOTAL</b>			<b>\$2,687,891.50</b>

tal & grand total.

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Trucco Construction Co., Inc.			Fields Excavating	
							Materials	Labor	Extension	Materials	Labor
1	Demolition	1	201	Clearing & Grubbing	1	LS	1,000.00	9,000.00	10,000.00	2,000.00	4,500.00
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	300.00	1,200.00	6,000.00	1,000.00	0.00
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	500.00	2,500.00	9,000.00	2,750.00	250.00
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	60.00	350.00	1,640.00	250.00	350.00
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	5.00	10.00	2,880.00	4.50	3.50
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	1.00	6.00	2,065.00	2.50	7.50
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	1.00	4.00	5,795.00	1.25	1.75
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	1.00	6.00	4,732.00	2.50	3.50
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	1.00	3.50	4,801.50	2.50	3.50
2	Roadway	10	203	Excavation	1	LS	17,500.00	40,000.00	57,500.00	10,000.00	11,500.00
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	1.30	2.00	19,800.00	3.25	0.00
2	Roadway	12	301	Asphalt Concrete Base	136	CY	190.00	50.00	32,640.00	175.00	185.00
2	Roadway	13	304	Aggregate Base	74	CY	60.00	60.00	8,880.00	30.00	5.00
2	Roadway	14	407	Tack Coat	600	Gal	2.00	0.50	1,500.00	3.25	0.25
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	200.00	50.00	77,500.00	340.00	10.00
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	240.00	300.00	35,100.00	325.00	0.00
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	25.00	50.00	20,850.00	22.50	47.50
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	2.70	3.00	112,033.50	2.50	6.50
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	3.00	4.00	32,585.00	2.75	6.75
2	Roadway	20	608	Concrete Walk (8")	271	SF	6.00	5.00	2,981.00	3.50	6.50
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	200.00	300.00	21,500.00	250.00	750.00
2	Roadway	22	609	Combination Curb & Gutter	43	LF	9.00	20.00	1,247.00	20.00	40.00
2	Roadway	23	657	Tree Protection Fencing	415	LF	1.00	5.00	2,490.00	2.50	2.50
2	Roadway	24	659	Seeding & Mulching	3,200	SY	2.00	1.00	9,600.00	2.25	0.25
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	50.00	250.00	3,600.00	125.00	25.00
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	280.00	100.00	53,200.00	500.00	0.00
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	700.00	2,000.00	2,700.00	750.00	1,250.00
3	Storm Sewer	28	604	Type C Manhole	34	EA	1,600.00	1,000.00	88,400.00	1,700.00	1,000.00
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	3,100.00	2,000.00	20,400.00	5,125.00	1,375.00
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	1,400.00	1,000.00	72,000.00	700.00	500.00
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	2,700.00	2,000.00	4,700.00	700.00	500.00
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	450.00	400.00	3,400.00	2,000.00	1,500.00
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	5.00	10.00	12,420.00	13.00	19.00
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	32.00	20.00	11,752.00	50.00	70.00
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	55.00	20.00	41,175.00	79.00	70.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Trucco Construction Co., Inc.			Fields Excavating	
							Materials	Labor	Extension	Materials	Labor
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	60.00	20.00	1,200.00	81.00	70.00
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	58.00	20.00	2,340.00	83.00	70.00
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	48.00	30.00	9,204.00	69.00	70.00
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	80.00	30.00	8,360.00	78.00	70.00
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	70.00	30.00	77,200.00	102.00	70.00
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	91.00	30.00	134,189.00	109.00	70.00
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	63.00	30.00	12,834.00	81.00	70.00
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	95.00	30.00	5,625.00	118.00	70.00
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	101.00	30.00	8,515.00	130.00	70.00
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	27.00	20.00	27,542.00	60.00	5.00
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	100.00	100.00	3,800.00	250.00	100.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	36.00	40.00	1,140.00	150.00	50.00
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	73.00	40.00	16,611.00	92.50	27.50
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	10.00	4.00	1,260.00	43.75	6.25
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	12.00	4.00	1,952.00	43.75	6.25
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	13.00	4.00	782.00	43.75	6.25
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	17.00	20.00	2,257.00	277.50	2.50
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	5.00	20.00	225.00	40.00	10.00
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	5.00	20.00	200.00	40.00	10.00
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	10.00	5.00	1,665.00	20.00	0.00
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	400.00	200.00	1,800.00	750.00	0.00
4	Signage	57	630	Sign, Flat sheet	52	SF	15.00	10.00	1,300.00	35.00	5.00
4	Signage	58	630	Street Name Sign	18	SF	150.00	35.00	3,330.00	232.50	17.50
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	69.00	40.00	7,957.00	50.00	0.00
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	1.00	1.80	5,320.00	1.50	0.50
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	1.00	1.00	1,574.00	0.50	0.50
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	440.00	500.00	1,880.00	400.00	600.00
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	280.00	100.00	100,700.00	500.00	0.00
6	Water Line	64	614	Maintaining Traffic	1	LS	2,000.00	3,000.00	5,000.00	26,000.00	20,000.00
6	Water Line	65	615	Temporary Pavement	1,050	SY	20.00	20.00	42,000.00	20.00	15.00
6	Water Line	66	659	Seeding & Mulching	458	SY	1.00	2.00	1,374.00	0.75	1.25
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	60.00	150.00	40,530.00	82.00	55.00
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	80.00	72.80	444,342.40	90.00	55.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Trucco Construction Co., Inc.			Fields Excavating	
							Materials	Labor	Extension	Materials	Labor
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	1,000.00	300.00	11,700.00	810.00	90.00
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	1,200.00	300.00	12,000.00	1,125.00	125.00
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	6,400.00	3,000.00	9,400.00	3,000.00	1,500.00
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	1,200.00	1,000.00	48,400.00	250.00	950.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	2,000.00	2,000.00	120,000.00	250.00	1,150.00
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	3,600.00	2,000.00	5,600.00	1,000.00	2,200.00
6	Water Line	75	805	Fire Hydrant	9	EA	1,800.00	1,000.00	25,200.00	1,900.00	600.00
6	Water Line	76	SPEC	Heat Welding	29	SY	44.00	10.00	1,566.00	80.00	5.00
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	2,000.00	1,200.00	3,200.00	2,000.00	0.00
7	Water Line	78	SPEC	Survey Coordinates	1	LS	1,200.00	4,000.00	5,200.00	2,000.00	0.00
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	8,000.00	15,000.00	23,000.00	11,000.00	20,000.00
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	5,000.00	25,000.00	30,000.00	21,500.00	500.00
8	Miscellaneous	81	624	Mobilization	1	LS	20,000.00	80,000.00	100,000.00	55,000.00	7,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	0.20	0.80	1,691.00	1.25	1.75
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	20.00	30.00	51,000.00	20.00	15.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	45.00	45.00	180.00	100.00	0.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	200.00	100.00	600.00	100.00	0.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	20.00	10.00	9,000.00	31.00	4.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	1.00	1.00	380.00	2.25	0.25

							Trucco Construction Co., Inc.			Fields Excavating	
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Materials	Labor	Extension	Materials	Labor
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	1,800.00	1,000.00	5,600.00	250.00	1,150.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	100.00	150.00	1,250.00	100.00	100.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	30.00	30.00	1,500.00	30.00	5.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	250.00	300.00	4,950.00	250.00	250.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	1,300.00	2,000.00	6,600.00	500.00	1,500.00
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	20.00	20.00	2,000.00	20.00	35.00
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	20.00	20.00	2,000.00	20.00	40.00
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	150.00	100.00	1,500.00	150.00	0.00
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	2.00	0.50	1,000.00	2.50	1.50
9	Contingency Items - Water line	97	805	Curb Box	53	EA	100.00	150.00	13,250.00	100.00	100.00
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	25.00	25.00	2,400.00	32.50	2.50
				Subtotal					2,271,042.40		
				Force Account (20%)					454,208.48		
				GRAND TOTAL					<b>\$2,725,250.88</b>		

**ORD #1080-2017, DIVISIONS OF SEWERAGE & DRAINAGE & WATER, DEVELOPMENT DEPT.  
MARION RD. AREA NEIGHBORHOOD PROJECT NO. 2, SMITH ROAD SIDEWALK, STORM  
SEWER, AND WATER LINE IMPROVEMENTS  
C.I.P. NO'S: 610780, 690236-100073, 440005-100046  
BID TABULATION, OPENED 3/22/17  
ENGINEER'S ESTIMATE = \$2,606,983**

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
1	Demolition	1	201	Clearing & Grubbing	1	LS	6,500.00
1	Demolition	2	201	Tree Removal (12" to 24" Diameter)	4	EA	4,000.00
1	Demolition	3	201	Tree Removal (24" to 36" Diameter)	3	EA	9,000.00
1	Demolition	4	202	Existing Catch Basin/Manhole Removed & Disposed of	4	EA	2,400.00
1	Demolition	5	202	12" - 15" Storm Sewer Removed & Disposed of	192	LF	1,536.00
1	Demolition	6	202	Existing Fence Removed & Disposed of	295	LF	2,950.00
1	Demolition	7	202	Existing Gravel Parking Removed	1,159	SY	3,477.00
1	Demolition	8	202	Existing Pavement Removed, Roadway	676	SY	4,056.00
1	Demolition	9	202	Existing Pavement Removed, Driveways	1,067	SY	6,402.00
2	Roadway	10	203	Excavation	1	LS	21,500.00
2	Roadway	11	254	Pavement Planing, Asphalt Concrete	6,000	SY	19,500.00
2	Roadway	12	301	Asphalt Concrete Base	136	CY	48,960.00
2	Roadway	13	304	Aggregate Base	74	CY	2,590.00
2	Roadway	14	407	Tack Coat	600	Gal	2,100.00
2	Roadway	15	448	Asphalt Concrete, Surface Course PG64-22	310	CY	108,500.00
2	Roadway	16	448	Asphalt Concrete, Intermediate Course PG64-22	65	CY	21,125.00
2	Roadway	17	452	6" Non-Reinforced Concrete Pavement	278	SY	19,460.00
2	Roadway	18	608	Concrete Walk (4")	19,655	SF	176,895.00
2	Roadway	19	608	Concrete Walk (6")	4,655	SF	44,222.50
2	Roadway	20	608	Concrete Walk (8")	271	SF	2,710.00
2	Roadway	21	608	Curb Ramp w/ Detectable Warning Strip	43	EA	43,000.00
2	Roadway	22	609	Combination Curb & Gutter	43	LF	2,580.00
2	Roadway	23	657	Tree Protection Fencing	415	LF	2,075.00
2	Roadway	24	659	Seeding & Mulching	3,200	SY	8,000.00
2	Roadway	25	666	Prune Existing Tree (As Directed)	12	EA	1,800.00
3	Storm Sewer	26	259	Permanent Pavement Replacement, Type I	140	CY	70,000.00
3	Storm Sewer	27	604	Connect to Existing Manhole	1	EA	2,000.00
3	Storm Sewer	28	604	Type C Manhole	34	EA	91,800.00
3	Storm Sewer	29	604	Type E Manhole Installed on Existing Sewer	4	EA	26,000.00
3	Storm Sewer	30	604	Standard Catch Basin AA-S133A	30	EA	36,000.00
3	Storm Sewer	31	604	Standard Catch Basin AA-S133A Installed on Existing Sewer	1	EA	1,200.00
3	Storm Sewer	32	604	Orifice Plate AA-S145	4	EA	14,000.00
3	Storm Sewer	33	605	6-Inch Perforated Pipe Underdrain	828	LF	26,496.00
3	Storm Sewer	34	901	12" Pipe w/Type 1 Bedding and Compacted Backfill (911)	226	LF	27,120.00
3	Storm Sewer	35	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	549	LF	81,801.00

Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
3	Storm Sewer	36	901	12" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	15	LF	2,265.00
3	Storm Sewer	37	901	15" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	30	LF	4,590.00
3	Storm Sewer	38	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911)	118	LF	16,402.00
3	Storm Sewer	39	901	24" Pipe w/Type 1 Bedding & Compacted Backfill (911 w/Sani Jts.)	76	LF	11,248.00
3	Storm Sewer	40	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	772	LF	132,784.00
3	Storm Sewer	41	901	24" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	1,109	LF	198,511.00
3	Storm Sewer	42	901	30" Pipe w/Type 1 Bedding & Compacted Backfill (911)	138	LF	20,838.00
3	Storm Sewer	43	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912)	45	LF	8,460.00
3	Storm Sewer	44	901	30" Pipe w/Type 1 Bedding & Compacted Granular Backfill (912 w/Sani Jts.)	65	LF	13,000.00
3	Storm Sewer	45	910	Plain Concrete Encasement of 24" Pipe	586	LF	38,090.00
3	Storm Sewer	46	915	Cleanout, per AA-S161	19	EA	6,650.00
3	Storm Sewer	47	Spec.	Hardwood Mulch	15	CY	3,000.00
3	Storm Sewer	48	Spec.	Bio-Soil per Detail A/16	147	CY	17,640.00
3	Storm Sewer	49	Spec.	Sedum Spectabile 'Autumn Joy' (1 Gal.)	90	EA	4,500.00
3	Storm Sewer	50	Spec.	Schizachyrium Scoparium (1 Gal.)	122	EA	6,100.00
3	Storm Sewer	51	Spec.	Symphoricarum Oblongifolius (1 Gal.)	46	EA	2,300.00
3	Storm Sewer	52	Spec.	Landscape Boulder (12")	61	EA	17,080.00
4	Signage	53	630	Removal of Ground Mounted Sign & Disposal	9	EA	450.00
4	Signage	54	630	Removal of Ground-Mounted Post Support & Disposal	8	EA	400.00
4	Signage	55	630	Ground Mounted Support, #2 Post	111	LF	2,220.00
4	Signage	56	630	2.5" Street Name Sign Support	3	EA	2,250.00
4	Signage	57	630	Sign, Flat sheet	52	SF	2,080.00
4	Signage	58	630	Street Name Sign	18	SF	4,500.00
5	Erosion & Sediment Control	59	207	Inlet Filters	73	EA	3,650.00
5	Erosion & Sediment Control	60	207	Straw Wattles	1,900	LF	3,800.00
5	Erosion & Sediment Control	61	207	Erosion Control Matting	787	SY	787.00
5	Erosion & Sediment Control	62	207	Concrete Washout	2	EA	2,000.00
6	Water Line	63	259	Permanent Pavement Replacement, Type I	265	CY	132,500.00
6	Water Line	64	614	Maintaining Traffic	1	LS	46,000.00
6	Water Line	65	615	Temporary Pavement	1,050	SY	36,750.00
6	Water Line	66	659	Seeding & Mulching	458	SY	916.00
6	Water Line	67	801	6-inch Water Pipe & Fittings	193	LF	26,441.00
6	Water Line	68	801	8-Inch Water Pipe & Fittings	2,908	LF	421,660.00

							, Inc.
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
6	Water Line	69	802	6-Inch Valve & Appurtenances	9	EA	8,100.00
6	Water Line	70	802	8-Inch Valve & Appurtenances	8	EA	10,000.00
6	Water Line	71	803	16" x 8" Tapping Sleeve & Valve & Appurtenances	1	EA	4,500.00
6	Water Line	72	805	3/4" Water Service Tap Transferred, Short	22	EA	26,400.00
6	Water Line	73	805	3/4" Water Service Tap Transferred, Long	30	EA	42,000.00
6	Water Line	74	805	2" Water Service Tap Transferred, Long	1	EA	3,200.00
6	Water Line	75	805	Fire Hydrant	9	EA	22,500.00
6	Water Line	76	SPEC	Heat Welding	29	SY	2,465.00
6	Water Line	77	SPEC	Erosion & Sediment Control	1	LS	2,000.00
7	Water Line	78	SPEC	Survey Coordinates	1	LS	2,000.00
7	Miscellaneous	79	614	Maintaining Traffic - Sidewalk, Storm Sewer & Roadway	1	LS	31,000.00
7	Miscellaneous	80	623	Construction Layout Staking - Sidewalk, Storm Sewer & Roadway	1	LS	22,000.00
8	Miscellaneous	81	624	Mobilization	1	LS	62,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	82	202	Existing Sidewalk Removed & Disposed of (as directed)	1,691	SF	5,073.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	83	615	Pavement for Maintaining Traffic, Class B (as directed)	1,020	SY	35,700.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	84	616	Water (as directed)	2	MG	200.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	85	616	Calcium Chloride (as directed)	2	Tons	200.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	86	653	Topsoil Furnished & Placed (as directed)	300	CY	10,500.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	87	659	Seeding & Mulching with sidewalk removal (as directed)	190	SY	475.00

							, Inc.
Group No.	Group Name	Ref. No.	Item No.	Description	Qty.	Units	Extension
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	88	805	3/4" Water Service Tap, Complete (as directed)	2	EA	2,800.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	89	805	Curb Box (as directed)	5	EA	1,000.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	90	906	Stone Foundation (as directed)	25	CY	875.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	91	Spec.	Inlet/Storm Sewer Structure Adjusted to Grade (as directed)	9	EA	4,500.00
8	Contingency Items - Sidewalk, Storm Sewer, & Roadway	92	Spec.	Sanitary House Service Relocated/Repaired (as directed)	2	EA	4,000.00
9	Contingency Items - Water line	93	609	Straight Curb Replacement	50	LF	2,750.00
9	Contingency Items - Water line	94	609	Curb & Gutter Replacement	50	LF	3,000.00
9	Contingency Items - Water line	95	801	Concrete Blocking, Class C, Increase or Decrease	6	CY	900.00
9	Contingency Items - Water line	96	801	Ductile Iron Fittings, Increase or Decrease	400	LB	1,600.00
9	Contingency Items - Water line	97	805	Curb Box	53	EA	10,600.00
9	Contingency Items - Water line	98	811	Increase or Decrease in Excavation & Backfill	48	CY	1,680.00
				Subtotal			2,455,635.50
				Force Account (20%)			491,127.10
				<b>GRAND TOTAL</b>			<b>\$2,946,762.60</b>