

Department of Public Utilities
Division of Sewerage and Drainage
Sewers Systems Engineering Section
Canyon Drive/Glenmont Avenue Stormwater System Improvements
CIP 610749

CC-14408

ORD#		0535-2008													
Ref.	Spec	Engineer's Estimate				Field's Excavating, Inc.		McDaniel's Construction Corp., Inc.		Nickolas Savko & Sons, Inc.		Complete General Const.			
No.	No.	Description	Qty.	Unit	Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount	
1	201	CLEARING AND GRUBBING	1	LS	10,000.00	10,000.00	14,490.00	14,490.00	14,500.00	14,500.00	15,100.00	15,100.00	25,000.00	25,000.00	
2	202	PAVEMENT REMOVED	1973	SY	10.00	19,730.00	3.02	5,958.46	19.96	39,381.08	3.30	6,510.90	8.00	15,784.00	
3	202	WALK REMOVED	51	SF	10.00	510.00	17.64	899.64	35.86	1,828.86	2.60	132.60	1.00	51.00	
4	202	CURB REMOVED	211	LF	10.00	2,110.00	5.04	1,063.44	5.08	1,071.88	4.90	1,033.90	5.50	1,160.50	
5	252	PERMANENT PAVEMENT REPLACEMENT, TYPE 1 (1441 DR. A)	420	CY	90.00	37,800.00	270.90	113,778.00	252.68	106,125.60	285.00	119,700.00	400.00	168,000.00	
6	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIA	50	CY	100.00	5,000.00	270.90	13,545.00	315.98	15,799.00	230.00	11,500.00	200.00	10,000.00	
7	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIB	12	CY	300.00	3,600.00	345.24	4,142.88	461.83	5,541.96	450.00	5,400.00	320.00	3,840.00	
8	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIC	25	CY	30.00	750.00	36.54	913.50	226.01	5,650.25	14.00	350.00	80.00	2,000.00	
9	253	TEMPORARY PAVEMENT REPLACEMENT	1973	SY	8.50	16,770.50	13.86	27,345.78	47.38	93,480.74	18.00	35,514.00	8.00	15,784.00	
10	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	5	CY	40.00	200.00	107.10	535.50	138.77	693.85	99.00	495.00	85.00	425.00	
11	602	CONCRETE MASONRY	2.2	CY	600.00	1,320.00	1,212.12	2,666.66	603.02	1,326.64	560.00	1,232.00	1,000.00	2,200.00	
12	604	MANHOLE, TYPE A (12-CLASS B, 34-CLASS C), INCLUDING 18 WITH HEAVY DUTY GRATED LID, 21 WITH HEAVY DUTY LIDS AND 7 STANDARD LIDS	46	EA	2,200.00	101,200.00	2,174.76	100,038.96	1,705.26	78,441.96	1,600.00	73,600.00	2,300.00	105,800.00	
13	604	MANHOLE, TYPE B (1-CLASS K) INCLUDING 1 HEAVY DUTY LIDS	1	EA	2,200.00	2,200.00	2,901.78	2,901.78	2,342.86	2,342.86	2,650.00	2,650.00	4,500.00	4,500.00	
14	604	CURB AND GUTTER INLET, TYPE AA-S125	14	EA	900.00	12,600.00	1,256.22	17,587.08	1,545.34	21,634.76	1,400.00	19,600.00	1,950.00	27,300.00	
15	604	CATCH BASIN, TYPE AA-S133 INCLUDING 39 HEAVY DUTY GRATES	46	EA	900.00	41,400.00	1,188.18	54,656.28	1,209.79	55,650.34	1,300.00	59,800.00	1,450.00	66,700.00	
16	Spec	ITEM SPECIAL MANHOLES ADJUSTED TO GRADE, AS DIRECTED BY THE ENGINEER *	10	EA	600.00	6,000.00	630.00	6,300.00	203.92	2,039.20	350.00	3,500.00	350.00	3,500.00	
17	Spec	ITEM SPECIAL CATCH BASINS ADJUSTED TO GRADE, AS DIRECTED BY THE ENGINEER *	10	EA	600.00	6,000.00	630.00	6,300.00	197.95	1,979.50	300.00	3,000.00	350.00	3,500.00	
18	608	CONCRETE WALK	51	SF	20.00	1,020.00	15.12	771.12	15.76	803.76	17.00	867.00	6.00	306.00	
19	609	CURB, TYPE STRAIGHT 18" CONCRETE CURB	318	LF	20.00	6,360.00	28.98	9,215.64	18.33	5,828.94	33.00	10,494.00	28.00	8,904.00	
20	614	MAINTAINING TRAFFIC	1	LS	15,000.00	15,000.00	5,355.00	5,355.00	13,646.62	13,646.62	12,000.00	12,000.00	10,000.00	10,000.00	
21	616	WATER *	2	M GAL	100.00	200.00	220.50	441.00	479.31	958.62	70.00	140.00	45.00	90.00	
22	616	CALCIUM CHLORIDE *	2	TONS	100.00	200.00	39.06	78.12	269.03	538.06	270.00	540.00	100.00	200.00	
23	623	CONSTRUCTION LAYOUT STAKES	1	LS	7,500.00	7,500.00	10,332.00	10,332.00	16,200.00	16,200.00	15,000.00	15,000.00	5,000.00	5,000.00	
24	653	TOPSOIL FURNISHED AND PLACED, AS DIRECTED BY THE ENGINEER*	216	CY	12.00	2,592.00	30.24	6,531.84	64.95	14,029.20	45.00	9,720.00	30.00	6,480.00	
25	659	SEEDING AND MULCHING	1939	SY	1.00	1,939.00	1.08	2,094.12	2.60	5,041.40	1.10	2,132.90	0.60	1,163.40	
26	805	CURB BOX *	3	EA	800.00	2,400.00	315.00	945.00	230.47	691.41	65.00	195.00	125.00	375.00	
27	808	RELOCATE 8-INCH WATER LINE *	1	EA	5,000.00	5,000.00	4,032.00	4,032.00	4,775.78	4,775.78	6,300.00	6,300.00	6,000.00	6,000.00	
28	808	RELOCATE 6-INCH WATER LINE *	1	EA	3,000.00	3,000.00	4,662.00	4,662.00	4,177.95	4,177.95	5,900.00	5,900.00	5,500.00	5,500.00	
29	808	RELOCATE 2-INCH WATER LINE *	2	EA	3,000.00	6,000.00	3,150.00	6,300.00	2,088.98	4,177.96	3,500.00	7,000.00	1,500.00	3,000.00	
30	816	3/4 INCH WATER SERVICE TAP RELOCATED *	39	EA	800.00	31,200.00	409.50	15,970.50	1,951.46	76,106.94	270.00	10,530.00	1,200.00	46,800.00	
31	901	24" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	177	LF	52.00	9,204.00	60.22	10,658.94	89.76	15,887.52	125.00	22,125.00	120.00	21,240.00	
32	901	24" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	96	LF	67.00	6,432.00	116.45	11,179.20	136.40	13,094.40	180.00	17,280.00	150.00	14,400.00	
33	901	18" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	106	LF	37.00	3,922.00	49.28	5,223.68	86.86	9,207.16	105.00	11,130.00	90.00	9,540.00	

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Ref.	Spec	Engineer's Estimate				Field's Excavating, Inc.		McDaniel's Construction Corp., Inc.		Nickolas Savko & Sons, Inc.		Complete General Const.		
No.	No.	Description	Qty.	Unit	Price	Amount	Price	Amount	Price	Amount	Price	Amount	Price	Amount
34	901	18" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	597	LF	47.00	28,059.00	73.30	43,760.10	65.92	39,354.24	95.00	56,715.00	110.00	65,670.00
35	901	15" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	603	LF	32.00	19,296.00	43.08	25,977.24	45.98	27,725.94	90.00	54,270.00	90.00	54,270.00
36	901	15" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	752	LF	40.00	30,080.00	74.78	56,234.56	58.91	44,300.32	95.00	71,440.00	110.00	82,720.00
37	901	12" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	1090	LF	32.00	34,880.00	41.17	44,875.30	34.68	37,801.20	85.00	92,650.00	75.00	81,750.00
38	901	12" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	1838	LF	38.00	69,844.00	63.94	117,521.72	42.25	77,655.50	101.00	185,638.00	90.00	165,420.00
39	906	STONE FOUNDATION *	25	CY	30.00	750.00	42.84	1,071.00	326.80	8,170.00	36.00	900.00	40.00	1,000.00
40	910	PLAIN CONCRETE ENCASEMENT OF 18 INCH DIAMETER PIPE	65	LF	20.00	1,300.00	36.54	2,375.10	48.61	3,159.65	12.40	806.00	22.00	1,430.00
41	910	PLAIN CONCRETE ENCASEMENT OF 12 INCH DIAMETER PIPE	369	LF	14.00	5,166.00	30.24	11,158.56	31.87	11,760.03	9.20	3,394.80	18.00	6,642.00
42	Spec	PROJECT IDENTIFICATION SIGNS	1	LS	2,000.00	2,000.00	1,386.00	1,386.00	3,473.61	3,473.61	2,400.00	2,400.00	2,000.00	2,000.00
43	207	CONSTRUCTION SEEDING AND MULCHING	469	SY	1.00	469.00	3.15	1,477.35	1.49	698.81	0.50	234.50	0.50	234.50
44	207	FILTER FABRIC DITCH CHECK	200	LF	2.50	500.00	3.15	630.00	3.45	690.00	2.00	400.00	2.00	400.00
45	207	INLET PROTECTION	1600	EA	50.00	80,000.00	6.30	10,080.00	3.45	5,520.00	4.50	7,200.00	6.00	9,600.00
46	Spec	PICEA ABIES (NORWAY SPRUCE) BASIC SPECIES ACCEPTABLE, DIA 2.5" (10'-15' APPROXIMATE HEIGHT)	1	EA	1,000.00	1,000.00	2,236.50	2,236.50	1,535.00	1,535.00	525.00	525.00	880.00	880.00
47	Spec	ACER SACCHARUM "ENDOWMENT" (SUGAR MAPLE), DIA 2.5" (10'-15' APPROXIMATE HEIGHT)	2	EA	2,000.00	4,000.00	1,039.50	2,079.00	604.80	1,209.60	560.00	1,120.00	480.00	960.00
		SUB-TOTAL				646,503.50		787,775.55		895,708.10		968,165.60		1,067,519.40
48	Spec	Force Account (.20 x sum of all above items)	.20 x (base)	LS		\$129,300.70		\$157,555.11		\$179,141.62		\$193,633.12		\$213,503.88
		TOTAL PROJECT COSTS				\$775,804.20		\$945,330.66		\$1,074,849.72		\$1,161,798.72		\$1,281,023.28
		% DIFFERENCE FROM ENGINEER'S ESTIMATE						21.85%		38.55%		49.75%		65.12%
		Bond Amount (Page P-30)						\$120,000.00		\$0.00		\$120,000.00		\$150,000.00
		Bonding Company (Page P-30)						International Fidelity Ins. Co.		Ohio Farmers Insurance Co.		Ohio Farmers Insurance Co		Liberty Mutual Insurance Co.
		Proposal Bond Amount Required						\$94,533.07		\$107,484.97		\$116,179.87		\$128,102.33
		Contract Compliance No. (Page P-2n)						31-1451322		31-1145406		31-0907362		31-4366382
		Non-Collusion Affidavit Completed? (Page P-29)						Yes		Yes		Yes		Yes
		Local Vendor? (Page P-3)						No		Yes		Yes		Yes
		Addendum Acknowledgement Completed? (Page P-3)						N/A		N/A		N/A		N/A
		Proposal Affidavit Completed? (Page P-34)						Yes		Yes		Yes		Yes

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ORD#		0535-2008											
Ref. No.	Spec No.	Description	Qty.	Unit	Engineer's Estimate		Columbus Asphalt Paving, Inc.		Tata Excavating, Inc.		George J. Igel & Co., Inc.		
					Price	Amount	Price	Amount	Price	Amount	Price	Amount	
1	201	CLEARING AND GRUBBING	1	LS	10,000.00	10,000.00	25,000.00	25,000.00	25,500.00	25,500.00	20,000.00	20,000.00	
2	202	PAVEMENT REMOVED	1973	SY	10.00	19,730.00	26.00	51,298.00	7.50	14,797.50	10.00	19,730.00	
3	202	WALK REMOVED	51	SF	10.00	510.00	5.00	255.00	4.35	221.85	4.00	204.00	
4	202	CURB REMOVED	211	LF	10.00	2,110.00	10.00	2,110.00	5.25	1,107.75	3.00	633.00	
5	252	PERMANENT PAVEMENT REPLACEMENT, TYPE I (1441 DR. A)	420	CY	90.00	37,800.00	275.00	115,500.00	495.00	207,900.00	700.00	294,000.00	
6	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIA	50	CY	100.00	5,000.00	95.00	4,750.00	395.00	19,750.00	630.00	31,500.00	
7	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIB	12	CY	300.00	3,600.00	475.00	5,700.00	365.00	4,380.00	460.00	5,520.00	
8	252	DRIVEWAY PAVEMENT REPLACEMENT, TYPE IIIC	25	CY	30.00	750.00	85.00	2,125.00	45.00	1,125.00	120.00	3,000.00	
9	253	TEMPORARY PAVEMENT REPLACEMENT	1973	SY	8.50	16,770.50	27.00	53,271.00	18.50	36,500.50	17.00	33,541.00	
10	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	5	CY	40.00	200.00	155.00	775.00	125.00	625.00	110.00	550.00	
11	602	CONCRETE MASONRY	2.2	CY	600.00	1,320.00	750.00	1,650.00	495.00	1,089.00	1,000.00	2,200.00	
12	604	MANHOLE, TYPE A (12-CLASS B, 34-CLASS C), INCLUDING 18 WITH HEAVY DUTY GRATED LID, 21 WITH HEAVY DUTY LIDS AND 7 STANDARD LIDS	46	EA	2,200.00	101,200.00	2,200.00	101,200.00	2,524.00	116,104.00	2,000.00	92,000.00	
13	604	MANHOLE, TYPE B (1-CLASS K) INCLUDING 1 HEAVY DUTY LIDS	1	EA	2,200.00	2,200.00	2,400.00	2,400.00	3,787.00	3,787.00	4,400.00	4,400.00	
14	604	CURB AND GUTTER INLET, TYPE AA-S125	14	EA	900.00	12,600.00	1,300.00	18,200.00	2,458.00	34,412.00	2,000.00	28,000.00	
15	604	CATCH BASIN, TYPE AA-S133 INCLUDING 39 HEAVY DUTY GRATES	46	EA	900.00	41,400.00	1,200.00	55,200.00	1,646.00	75,716.00	1,800.00	82,800.00	
16	Spec	ITEM SPECIAL MANHOLES ADJUSTED TO GRADE, AS DIRECTED BY THE ENGINEER *	10	EA	600.00	6,000.00	800.00	8,000.00	475.00	4,750.00	600.00	6,000.00	
17	Spec	ITEM SPECIAL CATCH BASINS ADJUSTED TO GRADE, AS DIRECTED BY THE ENGINEER *	10	EA	600.00	6,000.00	800.00	8,000.00	375.00	3,750.00	600.00	6,000.00	
18	608	CONCRETE WALK	51	SF	20.00	1,020.00	12.00	612.00	7.95	405.45	14.00	714.00	
19	609	CURB, TYPE STRAIGHT 18" CONCRETE CURB	318	LF	20.00	6,360.00	34.00	10,812.00	65.00	20,670.00	26.00	8,268.00	
20	614	MAINTAINING TRAFFIC	1	LS	15,000.00	15,000.00	50,000.00	50,000.00	45,000.00	45,000.00	30,000.00	30,000.00	
21	616	WATER *	2	M GAL	100.00	200.00	300.00	600.00	75.00	150.00	50.00	100.00	
22	616	CALCIUM CHLORIDE *	2	TONS	100.00	200.00	600.00	1,200.00	475.00	950.00	300.00	600.00	
23	623	CONSTRUCTION LAYOUT STAKES	1	LS	7,500.00	7,500.00	18,000.00	18,000.00	16,500.00	16,500.00	12,000.00	12,000.00	
24	653	TOPSOIL FURNISHED AND PLACED, AS DIRECTED BY THE ENGINEER*	216	CY	12.00	2,592.00	75.00	16,200.00	45.00	9,720.00	40.00	8,640.00	
25	659	SEEDING AND MULCHING	1939	SY	1.00	1,939.00	2.75	5,332.25	2.15	4,168.85	2.50	4,847.50	
26	805	CURB BOX *	3	EA	800.00	2,400.00	350.00	1,050.00	75.00	225.00	350.00	1,050.00	
27	808	RELOCATE 8-INCH WATER LINE *	1	EA	5,000.00	5,000.00	6,000.00	6,000.00	4,500.00	4,500.00	8,200.00	8,200.00	
28	808	RELOCATE 6-INCH WATER LINE *	1	EA	3,000.00	3,000.00	5,500.00	5,500.00	3,800.00	3,800.00	7,600.00	7,600.00	
29	808	RELOCATE 2-INCH WATER LINE *	2	EA	3,000.00	6,000.00	4,000.00	8,000.00	1,095.00	2,190.00	6,500.00	13,000.00	
30	816	3/4 INCH WATER SERVICE TAP RELOCATED *	39	EA	800.00	31,200.00	1,300.00	50,700.00	650.00	25,350.00	1,100.00	42,900.00	
31	901	24" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	177	LF	52.00	9,204.00	105.00	18,585.00	120.13	21,263.01	145.00	25,665.00	
32	901	24" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	96	LF	67.00	6,432.00	170.00	16,320.00	220.28	21,146.88	179.00	17,184.00	
33	901	18" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	106	LF	37.00	3,922.00	80.00	8,480.00	107.01	11,343.06	112.00	11,872.00	

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Ref. No.	Spec No.	Description	Qty.	Unit	Engineer's Estimate		Columbus Asphalt Paving, Inc.		Tata Excavating, Inc.		George J. Igel & Co., Inc.	
					Price	Amount	Price	Amount	Price	Amount	Price	Amount
34	901	18" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	597	LF	47.00	28,059.00	84.00	50,148.00	136.02	81,203.94	120.00	71,640.00
35	901	15" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	603	LF	32.00	19,296.00	64.00	38,592.00	103.17	62,211.51	87.00	52,461.00
36	901	15" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	752	LF	40.00	30,080.00	97.00	72,944.00	132.54	99,670.08	139.00	104,528.00
37	901	12" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 911 COMPACTED BACKFILL	1090	LF	32.00	34,880.00	48.00	52,320.00	87.83	95,734.70	85.00	92,650.00
38	901	12" PIPE, WITH TYPE 1 BEDDING, WITH ITEM 912 COMPACTED GRANULAR MATERIAL	1838	LF	38.00	69,844.00	94.00	172,772.00	112.29	206,389.02	170.00	312,460.00
39	906	STONE FOUNDATION *	25	CY	30.00	750.00	115.00	2,875.00	45.00	1,125.00	62.00	1,550.00
40	910	PLAIN CONCRETE ENCASEMENT OF 18 INCH DIAMETER PIPE	65	LF	20.00	1,300.00	35.00	2,275.00	12.88	837.20	23.00	1,495.00
41	910	PLAIN CONCRETE ENCASEMENT OF 12 INCH DIAMETER PIPE	369	LF	14.00	5,166.00	33.00	12,177.00	8.46	3,121.74	13.00	4,797.00
42	Spec	PROJECT IDENTIFICATION SIGNS	1	LS	2,000.00	2,000.00	2,300.00	2,300.00	2,650.00	2,650.00	2,250.00	2,250.00
43	207	CONSTRUCTION SEEDING AND MULCHING	469	SY	1.00	469.00	0.70	328.30	2.15	1,008.35	0.50	234.50
44	207	FILTER FABRIC DITCH CHECK	200	LF	2.50	500.00	2.00	400.00	10.50	2,100.00	2.00	400.00
45	207	INLET PROTECTION	1600	EA	50.00	80,000.00	7.00	11,200.00	0.50	800.00	2.00	3,200.00
46	Spec	PICEA ABIES (NORWAY SPRUCE) BASIC SPECIES ACCEPTABLE, DIA 2.5" (10'-15' APPROXIMATE HEIGHT)	1	EA	1,000.00	1,000.00	1,600.00	1,600.00	545.00	545.00	610.00	610.00
47	Spec	ACER SACCHARUM "ENDOWMENT" (SUGAR MAPLE), DIA 2.5" (10'-15' APPROXIMATE HEIGHT)	2	EA	2,000.00	4,000.00	1,300.00	2,600.00	485.00	970.00	560.00	1,120.00
		SUB-TOTAL				646,503.50		1,095,356.55		1,297,264.39		1,472,114.00
48	Spec	Force Account (.20 x sum of all above items)	.20 x (base)	LS		\$129,300.70		\$219,071.31		\$259,452.88		\$294,422.80
		TOTAL PROJECT COSTS				\$775,804.20		\$1,314,427.86		\$1,556,717.27		\$1,766,536.80
		% DIFFERENCE FROM ENGINEER'S ESTIMATE						69.43%		100.66%		127.70%
		Bond Amount (Page P-30)						\$132,000.00		\$156,000.00		\$180,000.00
		Bonding Company (Page P-30)						Ohio Farmers Insurance Co.		Ohio Farmers Insurance Co.		Ohio Farmers Insurance Co.
		Proposal Bond Amount Required						\$131,442.79		\$155,671.73		\$176,653.68
		Contract Compliance No. (Page P-2n)						31-0857095		31-0717926		31-4214570
		Non-Collusion Affidavit Completed? (Page P-29)						Yes		Yes		Yes
		Local Vendor? (Page P-3)						Yes		Yes		Yes
		Addendum Acknowledgement Completed? (Page P-3)						N/A		N/A		N/A
		Proposal Affidavit Completed? (Page P-34)						Yes		Yes		Yes