

## Franklin County Engineer's Office - Highway Design

### Livingston Avenue 5.62 Over Blacklick Creek

### Bid Tabulation

Project Number: 2017-08  
Contract No:

Bid Date: Thursday February 8, 2018 2:00 PM	Engineer's Estimate	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469	Complete General 1221 East Fifth Ave Columbus, OH 43219	George J. Igel Co., Inc. 2040 Alum Creek Dr Columbus, OH 43207
Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>Group:</b>		<b>A</b>	<b>Roadway</b>										
1000	201E11000		Clearing And Grubbing	1.00	LS	4,000.00	4,000.00	12,500.00	12,500.00	1,000.00	1,000.00	5,000.00	5,000.00
1005	202E23000		Pavement Removed	527.00	SQYD	12.00	6,324.00	9.75	5,138.25	9.00	4,743.00	13.00	6,851.00
1010	202E30000		Walk Removed	1,070.00	SQFT	2.00	2,140.00	2.00	2,140.00	1.75	1,872.50	1.00	1,070.00
1015	202E32500		Curb And Gutter Removed	408.00	FT	6.00	2,448.00	3.00	1,224.00	4.00	1,632.00	4.00	1,632.00
1020	202E38000		Guardrail Removed	512.00	FT	2.50	1,280.00	2.00	1,024.00	2.50	1,280.00	2.00	1,024.00
1025	202E58100		Catch Basin Removed	1.00	EA	345.00	345.00	200.00	200.00	365.00	365.00	400.00	400.00
1030	203E10000		Excavation	155.00	CY	25.00	3,875.00	15.00	2,325.00	25.00	3,875.00	38.00	5,890.00
1035	203E20000		Embankment	123.00	CY	12.00	1,476.00	12.00	1,476.00	20.00	2,460.00	12.00	1,476.00
1040	204E10000		Subgrade Compaction	894.00	SQYD	5.00	4,470.00	2.00	1,788.00	2.75	2,458.50	4.00	3,576.00
1045	204E13001		Excavation Of Subgrade, As Per Plan	70.00	CY	25.00	1,750.00	10.00	700.00	33.00	2,310.00	20.00	1,400.00
1050	204E20003		Embankment, Using #2 Stone, As Per Plan	35.00	CY	50.00	1,750.00	40.00	1,400.00	55.00	1,925.00	44.00	1,540.00
1053	204E20002		Embankment, Using Item 304, As Per Plan	35.00	CY	50.00	1,750.00	40.00	1,400.00	51.00	1,785.00	50.00	1,750.00
1055	204E45001		Proof Rolling, As Per Plan	2.00	HR	225.00	450.00	150.00	300.00	90.00	180.00	74.00	148.00
1060	204E50001		Geotextile Fabric, As Per Plan	200.00	SQYD	3.00	600.00	1.50	300.00	3.50	700.00	1.30	260.00
1065	252E01500		Full Depth Pavement Sawing	111.00	FT	3.00	333.00	1.50	166.50	2.25	249.75	5.00	555.00
1070	254E01000		Pavement Planing, Asphalt Concrete	12,368.00	SQYD	3.00	37,104.00	3.00	37,104.00	1.80	22,262.40	2.10	25,972.80
1075	606E15100		Guardrail, Type MGS With Long Posts	375.00	FT	23.00	8,625.00	16.50	6,187.50	19.00	7,125.00	16.50	6,187.50
1080	606E35002		MGS Bridge Terminal Assembly, Type 1	2.00	EA	2,200.00	4,400.00	1,850.00	3,700.00	2,115.00	4,230.00	1,850.00	3,700.00
1085	606E35102		MGS Bridge Terminal Assembly, Type 2	2.00	EA	500.00	1,000.00	400.00	800.00	320.00	640.00	400.00	800.00

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Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1087	607E23001	Fence, Type Clt, As Per Plan	500.00	FT	20.00	10,000.00	18.75	9,375.00	21.00	10,500.00	15.00	7,500.00
1090	608E10000	4" Concrete Walk	1,114.00	SQFT	8.00	8,912.00	6.95	7,742.30	5.00	5,570.00	7.00	7,798.00
1095	623E39500	Monument Box Adjusted To Grade	1.00	EA	385.00	385.00	225.00	225.00	240.00	240.00	225.00	225.00
1100	861E10000	Geogrid For Subgrade Stabilization	200.00	SQYD	6.00	1,200.00	2.00	400.00	5.90	1,180.00	2.00	400.00
1105	202E70100	Special - Pipe Cleanout	33.00	FT	25.00	825.00	20.00	660.00	13.00	429.00	23.00	759.00
<b>Sub-Total:</b>						<b>105,442.00</b>		<b>98,275.55</b>		<b>79,012.15</b>		<b>85,914.30</b>

Group: B		Erosion Control										
1200	601E32104	Rock Channel Protection, Type B With Geotextile Fabric	398.00	CY	100.00	39,800.00	75.00	29,850.00	75.00	29,850.00	65.00	25,870.00
1205	653E10001	Topsoil Furnished And Placed, As Per Plan	69.00	CY	35.00	2,415.00	48.00	3,312.00	35.00	2,415.00	55.00	3,795.00
1210	659E00100	Soil Analysis Test	2.00	EA	95.00	190.00	50.00	100.00	200.00	400.00	300.00	600.00
1215	659E10001	Seeding And Mulching, As Per Plan	619.00	SQYD	4.00	2,476.00	3.75	2,321.25	4.20	2,599.80	5.00	3,095.00
1220	659E20000	Commercial Fertilizer	0.10	TN	540.00	54.00	475.00	47.50	512.00	51.20	750.00	75.00
1225	659E35001	Water, As Per Plan	4.00	MGAL	25.00	100.00	25.00	100.00	1.00	4.00	50.00	200.00
1232	832E15001	Storm Water Pollution Prevention Plan, As Per Plan	1.00	LS	6,000.00	6,000.00	4,490.00	4,490.00	2,100.00	2,100.00	6,000.00	6,000.00
1236	832E30001	Erosion Control, As Per Proposal Note	15,800.00	EA	1.00	15,800.00	1.00	15,800.00	1.00	15,800.00	1.00	15,800.00
<b>Sub-Total:</b>						<b>66,835.00</b>		<b>56,020.75</b>		<b>53,220.00</b>		<b>55,435.00</b>

Group: C		Drainage										
1300	605E06000	4" Base Pipe Underdrains	125.00	FT	13.00	1,625.00	10.00	1,250.00	24.00	3,000.00	13.00	1,625.00
1305	605E14000	6" Base Pipe Underdrains	80.00	FT	16.00	1,280.00	15.00	1,200.00	24.00	1,920.00	14.00	1,120.00
1310	611E00410	4" Conduit, Type F For	20.00	FT	16.50	330.00	20.00	400.00	26.00	520.00	23.00	460.00

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5:53 pm

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Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			Underdrain Outlet										
1315	611E00510		6" Conduit, Type F For Underdrain Outlets	20.00	FT	17.50	350.00	20.00	400.00	26.00	520.00	25.00	500.00
1320	611E04400		12" Conduit, Type B, 706.02 Or 707.33	63.00	FT	76.00	4,788.00	60.00	3,780.00	83.00	5,229.00	145.00	9,135.00
1325	611E98180		Catch Basin, No. 3A	2.00	EA	2,300.00	4,600.00	2,500.00	5,000.00	2,600.00	5,200.00	2,100.00	4,200.00
1330	611E99654		Manhole Adjusted To Grade	1.00	EA	630.00	630.00	950.00	950.00	800.00	800.00	1,100.00	1,100.00
1335	611E99710		Precast Reinforced Concrete Outlet	2.00	EA	275.00	550.00	300.00	600.00	260.00	520.00	250.00	500.00
1340	611E99900		Drainage Structure, Misc.: Connect Conduit To Drain Strtr	1.00	EA	500.00	500.00	1,000.00	1,000.00	320.00	320.00	1,500.00	1,500.00
<b>Sub-Total:</b>							<b>14,653.00</b>		<b>14,580.00</b>		<b>18,029.00</b>		<b>20,140.00</b>

Group:		D	Pavement										
1400	301E46010		301 Asphalt Concrete Base, Pg64-28	172.00	CY	200.00	34,400.00	190.00	32,680.00	200.00	34,400.00	160.00	27,520.00
1405	304E20000		304 Aggregate Base	151.00	CY	100.00	15,100.00	65.00	9,815.00	60.00	9,060.00	65.00	9,815.00
1410	407E20000		Non-Tracking Tack Coat	949.00	GAL	4.00	3,796.00	3.90	3,701.10	4.50	4,270.50	4.45	4,223.05
1415	442E10050		Asphalt Concrete Surface Course, 12.5 MM, Type B (448)	538.00	CY	180.00	96,840.00	205.00	110,290.00	184.00	98,992.00	190.00	102,220.00
1420	442E10150		Asphalt Concrete Intermediate Course, 19 MM, Type B (448)	56.00	CY	200.00	11,200.00	245.00	13,720.00	184.00	10,304.00	175.00	9,800.00
1425	609E12001		Combination Curb And Gutter, Type 2, As Per Plan	408.00	FT	20.00	8,160.00	35.00	14,280.00	36.00	14,688.00	32.00	13,056.00
<b>Sub-Total:</b>							<b>169,496.00</b>		<b>184,486.10</b>		<b>171,714.50</b>		<b>166,634.05</b>

Group:		E	Lighting										
1500	625E10500		Light Pole, Misc.: Remove &	1.00	EA	3,500.00	3,500.00	4,300.00	4,300.00	4,300.00	4,300.00	8,635.00	8,635.00

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			Replace Existi Bridge Pole Light										
1502	625E98000		Lighting, Misc.:Rewire&Relamp Luminaire, AsPerProposal Note	6,000.00	EA	1.00	6,000.00	1.00	6,000.00	1.00	6,000.00	1.00	6,000.00
1503	625E98000		Lighting, Misc.: Luminaire Removed, As Per Proposal Note	2.00	EA	1,200.00	2,400.00	800.00	1,600.00	800.00	1,600.00	2,800.00	5,600.00
1504	625E98000		Lighting, Misc.:Luminaire Install Only, As Per Proposa Note	2.00	EA	6,500.00	13,000.00	8,500.00	17,000.00	8,000.00	16,000.00	1,785.00	3,570.00
1505	625E98100		Lighting, Misc.: 2" PVC Conduit	222.00	FT	6.00	1,332.00	7.50	1,665.00	7.50	1,665.00	24.66	5,474.52
<b>Sub-Total:</b>							<b>26,232.00</b>		<b>30,565.00</b>		<b>29,565.00</b>		<b>29,279.52</b>

Group:	G	Structure Over 20' Span											
1700	202E11203		Portions Of Structure Removed, Over 20 Foot Span, APP	1.00	LS	70,000.00	70,000.00	93,850.00	93,850.00	157,000.00	157,000.00	135,200.00	135,200.00
1705	202E22900		Approach Slab Removed	356.00	SQYD	28.00	9,968.00	18.00	6,408.00	34.00	12,104.00	30.00	10,680.00
1710	202E23501		Wearing Course Removed, As Per Plan	1,298.00	SQYD	6.00	7,788.00	6.00	7,788.00	9.00	11,682.00	10.00	12,980.00
1715	202E38500		Bridge Railing Removed	450.00	FT	10.00	4,500.00	4.00	1,800.00	4.00	1,800.00	4.00	1,800.00
1720	503E11101		Cofferdams And Excavation Bracing, As Per Plan	1.00	LS	15,000.00	15,000.00	12,490.00	12,490.00	20,000.00	20,000.00	20,000.00	20,000.00
1725	503E21101		Unclassified Excavation, As Per Plan	1.00	LS	7,000.00	7,000.00	26,300.00	26,300.00	35,000.00	35,000.00	25,000.00	25,000.00
1730	509E10000		Epoxy Coated Reinforcing Steel	100,755.00	LB	1.00	100,755.00	0.95	95,717.25	0.95	95,717.25	1.10	110,830.50

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1735	510E10000		Dowel Holes With Nonshrink, Nonmetallic Grout	256.00	EA	20.00	5,120.00	19.50	4,992.00	12.00	3,072.00	25.00	6,400.00
1740	511E33500		Semi-Integral Diaphragm Guide	2.00	EA	4,500.00	9,000.00	2,000.00	4,000.00	2,000.00	4,000.00	2,500.00	5,000.00
1745	511E34446		Class QC2 Concrete With QC/QA, Bridge Deck	400.00	CY	700.00	280,000.00	650.00	260,000.00	690.00	276,000.00	760.00	304,000.00
1750	511E44112		Class QC1 Concrete With QC/QA, Abutment Not Including Footin	85.00	CY	800.00	68,000.00	545.00	46,325.00	710.00	60,350.00	640.00	54,400.00
1755	511E51510		Class QC2 Concrete, Sidewalk	72.00	CY	525.00	37,800.00	325.00	23,400.00	400.00	28,800.00	350.00	25,200.00
1760	512E10001		Sealing Of Concrete Surfaces, As Per Plan	763.00	SQYD	15.00	11,445.00	16.00	12,208.00	16.00	12,208.00	20.00	15,260.00
1765	512E10050		Sealing Of Concrete Surfaces (non-epoxy)	627.00	SQYD	12.00	7,524.00	8.50	5,329.50	8.50	5,329.50	8.50	5,329.50
1770	512E10100		Sealing Of Concrete Surfaces (epoxy-urethane)	763.00	SQYD	20.00	15,260.00	18.00	13,734.00	18.00	13,734.00	18.00	13,734.00
1775	512E10400		Treating Of Concrete Bridge Deck With Srs	991.00	SQYD	8.00	7,928.00	7.50	7,432.50	7.50	7,432.50	8.00	7,928.00
1780	512E10601		Concrete Repair By Epoxy Injection, As Per Plan	610.00	FT	102.00	62,220.00	50.00	30,500.00	60.00	36,600.00	50.00	30,500.00
1785	512E33000		Type 2 Waterproofing	18.00	SQYD	30.00	540.00	25.00	450.00	25.00	450.00	30.00	540.00
1790	513E20000		Welded Stud Shear Connectors	4,056.00	EA	3.00	12,168.00	3.15	12,776.40	3.05	12,370.80	4.00	16,224.00
1795	513E95030		Structural Steel, Misc.: Drilling Holes In Exist Beam App	96.00	EA	20.00	1,920.00	25.00	2,400.00	57.00	5,472.00	80.00	7,680.00
1800	514E00050		Surface Preparation Of Existing Structural Steel	15,702.00	SQFT	9.00	141,318.00	9.50	149,169.00	8.45	132,681.90	8.45	132,681.90

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1805	514E00056	Field Painting Of Existing Structural Steel, Prime Coa	15,702.00	SQFT	2.00	31,404.00	1.00	15,702.00	1.00	15,702.00	1.00	15,702.00
1810	514E00060	Field Painting Structural Steel, Intermediate Coat	15,702.00	SQFT	2.00	31,404.00	1.00	15,702.00	1.00	15,702.00	1.00	15,702.00
1815	514E00067	Field Painting Structural Steel, Finish Coat, As Per Plan	15,702.00	SQFT	2.00	31,404.00	1.00	15,702.00	1.00	15,702.00	1.00	15,702.00
1820	514E00504	Grinding Fins, Tears, Sliver On Existing Structural Steel	15.00	MNHR	240.00	3,600.00	100.00	1,500.00	100.00	1,500.00	100.00	1,500.00
1825	514E10000	Final Inspection Repair	14.00	EA	250.00	3,500.00	160.00	2,240.00	125.00	1,750.00	125.00	1,750.00
1830	516E13600	1" Preformed Expansion Joint Filler	26.00	SQFT	6.95	180.70	7.00	182.00	10.00	260.00	8.00	208.00
1835	516E13900	2" Preformed Expansion Joint Filler	49.00	SQFT	9.15	448.35	7.50	367.50	11.00	539.00	12.00	588.00
1840	516E14020	Semi-integral Abutment Expansion Joint Seal	195.00	FT	50.00	9,750.00	20.00	3,900.00	26.00	5,070.00	32.00	6,240.00
1845	516E44200	Elastomeric Bearing With Internal Laminates And Load	16.00	EA	1,200.00	19,200.00	1,100.00	17,600.00	1,050.00	16,800.00	1,300.00	20,800.00
1850	516E47001	Jacking And Temporary Support Of Superstructure, As Per Plan	1.00	LS	16,000.00	16,000.00	10,500.00	10,500.00	8,000.00	8,000.00	15,000.00	15,000.00
1855	517E75121	Railing (concrete Parapet With Twin Steel Tube Railing),	443.00	FT	254.00	112,522.00	154.00	68,222.00	235.00	104,105.00	150.00	66,450.00
1860	518E21200	Porous Backfill With Geotextile Fabric	125.00	CY	80.00	10,000.00	67.00	8,375.00	88.00	11,000.00	90.00	11,250.00
1865	518E40000	6" Perforated Corrugated Plastic Pipe	215.00	FT	8.00	1,720.00	2.00	430.00	6.00	1,290.00	3.00	645.00
1870	518E40010	6" Non-perforated Corrugated	30.00	FT	14.00	420.00	3.00	90.00	18.00	540.00	15.00	450.00

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			Plastic Pipe, Includingspecials										
1875	526E25011		Reinforced Concrete Approach Slabs With QC/QA (T=15"), APP	356.00	SQYD	260.00	92,560.00	275.00	97,900.00	220.00	78,320.00	250.00	89,000.00
1880	526E90010		Type A Installation	162.00	FT	420.00	68,040.00	120.00	19,440.00	105.00	17,010.00	120.00	19,440.00
1885	625E33001		Structure Grounding System, As Per Plan	6.00	EA	3,500.00	21,000.00	500.00	3,000.00	475.00	2,850.00	625.00	3,750.00
<b>Sub-Total:</b>							<b>1,328,407.05</b>		<b>1,097,922.15</b>		<b>1,227,943.95</b>		<b>1,225,544.90</b>

Group:		F	Traffic Control										
1600	626E00100		Barrier Reflector	12.00	EA	8.00	96.00	8.50	102.00	10.00	120.00	7.00	84.00
1605	630E03101		Ground Mounted Support, No. 3 Post, As Per Plan	28.00	FT	10.00	280.00	16.00	448.00	12.00	336.00	12.00	336.00
1610	630E85100		Removal Of Ground Mounted Sign And Reerection	2.00	EA	58.00	116.00	79.00	158.00	50.00	100.00	50.00	100.00
1615	644E00200		Lane Line, 4"	0.59	MILE	1,440.00	849.60	1,760.00	1,038.40	1,755.00	1,035.45	1,755.00	1,035.45
1620	644E00300		Center Line	0.53	MILE	4,100.00	2,173.00	6,460.00	3,423.80	6,455.00	3,421.15	6,455.00	3,421.15
1625	644E00400		Channelizing Line, 8"	724.00	FT	1.30	941.20	1.50	1,086.00	1.50	1,086.00	1.50	1,086.00
1630	644E00500		Stop Line	35.00	FT	6.00	210.00	5.60	196.00	5.55	194.25	5.55	194.25
1635	644E00700		Transverse/diagonal Line	232.00	FT	5.50	1,276.00	5.60	1,299.20	5.55	1,287.60	5.55	1,287.60
1640	644E01300		Lane Arrow	7.00	EA	84.00	588.00	85.00	595.00	85.00	595.00	85.00	595.00
1645	644E01400		Word On Pavement, 72"	6.00	EA	130.00	780.00	115.00	690.00	115.00	690.00	115.00	690.00
1650	646E10111		Lane Line, 6", As Per Plan	0.09	MILE	2,600.00	234.00	31,650.00	2,848.50	31,625.00	2,846.25	31,625.00	2,846.25
1655	646E10201		Center Line, As Per Plan	0.05	MILE	3,400.00	170.00	64,775.00	3,238.75	64,765.00	3,238.25	64,765.00	3,238.25
<b>Sub-Total:</b>							<b>7,713.80</b>		<b>15,123.65</b>		<b>14,949.95</b>		<b>14,913.95</b>

Group:		H	Maintenance Of Traffic										
1900	614E11001		Maintaining Traffic, As Per Plan	1.00	LS	20,000.00	20,000.00	37,000.00	37,000.00	25,000.00	25,000.00	24,000.00	24,000.00

**Franklin County Engineer's Office - Highway Design**  
**Livingston Avenue 5.62 Over Blacklick Creek**  
**Bid Tabulation**

Project Number: 2017-08  
Contract No:

Bid Date: Thursday February 8, 2018 2:00 PM		Engineer's Estimate		Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469		Complete General 1221 East Fifth Ave Columbus, OH 43219		George J. Igel Co., Inc. 2040 Alum Creek Dr Columbus, OH 43207				
ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1905	614E11111	Law Enforcement Officer With Patrol Car For Assistance, App	80.00	HR	70.00	5,600.00	72.00	5,760.00	65.00	5,200.00	73.50	5,880.00
1910	614E11501	Worksite Traffic Supervisor, As Per Plan	8.00	MO	5,500.00	44,000.00	1,500.00	12,000.00	2,100.00	16,800.00	2,100.00	16,800.00
1915	614E12500	Replacement Sign	25.00	EA	170.00	4,250.00	35.00	875.00	125.00	3,125.00	80.00	2,000.00
1920	614E12600	Replacement Drum	30.00	EA	60.00	1,800.00	50.00	1,500.00	60.00	1,800.00	85.00	2,550.00
1925	614E13000	Asphalt Concrete For Maintaining Traffic	30.00	CY	167.00	5,010.00	200.00	6,000.00	230.00	6,900.00	260.00	7,800.00
1930	614E13300	Barrier Reflector, Type B	70.00	EA	7.00	490.00	13.00	910.00	12.00	840.00	6.50	455.00
1935	614E13360	Object Marker, Two Way	70.00	EA	11.00	770.00	18.00	1,260.00	13.00	910.00	12.00	840.00
1940	614E18601	Portable Changeable Message Sign, As Per Plan	8.00	SNMT	900.00	7,200.00	700.00	5,600.00	650.00	5,200.00	870.00	6,960.00
1945	614E21000	Work Zone Center Line, Class I	0.85	MILE	1,350.00	1,147.50	1,060.00	901.00	1,060.00	901.00	1,060.00	901.00
1950	614E22000	Work Zone Edge Line, Class I	1.07	MILE	950.00	1,016.50	780.00	834.60	620.00	663.40	780.00	834.60
1955	616E10000	Water	50.00	MGAL	33.00	1,650.00	20.00	1,000.00	55.00	2,750.00	35.00	1,750.00
1960	622E41000	Portable Barrier, 32"	2,385.00	FT	12.00	28,620.00	9.00	21,465.00	10.00	23,850.00	15.00	35,775.00
1965	622E41020	Portable Barrier, 32", Bridg Mounted	180.00	FT	20.00	3,600.00	17.00	3,060.00	26.00	4,680.00	20.00	3,600.00
1970	642E50040	Pavement Marking, Misc.: Removal Of Existing Pavement Marker	1.00	LS	5,000.00	5,000.00	7,500.00	7,500.00	2,400.00	2,400.00	2,435.00	2,435.00
<b>Sub-Total:</b>						<b>130,154.00</b>		<b>105,665.60</b>		<b>101,019.40</b>		<b>112,580.60</b>
<b>Group:</b>	<b>I</b>	<b>Incidentals</b>										
2000	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	7,000.00	7,000.00	10,000.00	10,000.00	15,000.00	15,000.00	15,000.00	15,000.00



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**Franklin County Engineer's Office - Highway Design  
Livingston Avenue 5.62 Over Blacklick Creek  
Bid Tabulation**

Project Number: 2017-08  
Contract No:

Bid Date: Thursday February 8, 2018 2:00 PM	Engineer's Estimate	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469	Complete General 1221 East Fifth Ave Columbus, OH 43219	George J. Igel Co., Inc. 2040 Alum Creek Dr Columbus, OH 43207
Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
2001	108E10000	Special - Cpm Progress Schedule	1.00	LS	1,500.00	1,500.00	900.00	900.00	750.00	750.00	2,000.00	2,000.00
2002	619E16011	Field Office, Type B, As Per Plan	8.00	MO	1,650.00	13,200.00	2,200.00	17,600.00	2,000.00	16,000.00	2,200.00	17,600.00
2005	623E10000	Construction Layout Stakes And Surveying	1.00	LS	8,000.00	8,000.00	12,000.00	12,000.00	9,000.00	9,000.00	8,000.00	8,000.00
2010	624E10000	Mobilization	1.00	LS	30,000.00	30,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00
2015	SPECIAL-031	Asphalt, Fuel, & Steel Price Adjustment Allowance, As Per PN	50,000.00	DOLL	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00
2020	SPECIAL-033	Contingency, As Per Plan	95,000.00	DOLL	1.00	95,000.00	1.00	95,000.00	1.00	95,000.00	1.00	95,000.00
<b>Sub-Total:</b>						<b>204,700.00</b>		<b>225,500.00</b>		<b>225,750.00</b>		<b>227,600.00</b>
<b>Grand Total:</b>						<b>2,053,632.85</b>		<b>1,828,138.80</b>		<b>1,921,203.95</b>		<b>1,938,042.32</b>

Total Bid:	2,053,632.85	1,828,138.80	1,921,203.95	1,938,042.32
Total Alternate Package:				
Total Award:	2,053,632.85	1,828,138.80	1,921,203.95	1,938,042.32
Calc/Entered Bid Diff.:				
Difference from Low Vendor:			93,065.15	109,903.52
Total Subcontractors:				

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**Franklin County Engineer's Office - Highway Design**  
**Livingston Avenue 5.62 Over Blacklick Creek**  
**Bid Tabulation**

Project Number: 2017-08  
Contract No:

Bid Date: Thursday February 8, 2018 2:00 PM	Engineer's Estimate	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204	The Righter Company 2424 Harrison Road Columbus, OH 43204	Eagle Bridge Co. P.O. Box 59 Sidney, OH 45365
Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
<b>Group: A</b>		<b>Roadway</b>										
1000	201E11000	Clearing And Grubbing	1.00	LS	4,000.00	4,000.00	5,000.00	5,000.00	4,000.00	4,000.00	15,000.00	15,000.00
1005	202E23000	Pavement Removed	527.00	SQYD	12.00	6,324.00	15.00	7,905.00	20.00	10,540.00	10.00	5,270.00
1010	202E30000	Walk Removed	1,070.00	SQFT	2.00	2,140.00	2.50	2,675.00	2.00	2,140.00	2.00	2,140.00
1015	202E32500	Curb And Gutter Removed	408.00	FT	6.00	2,448.00	4.00	1,632.00	5.00	2,040.00	8.00	3,264.00
1020	202E38000	Guardrail Removed	512.00	FT	2.50	1,280.00	2.00	1,024.00	2.00	1,024.00	2.00	1,024.00
1025	202E58100	Catch Basin Removed	1.00	EA	345.00	345.00	400.00	400.00	500.00	500.00	150.00	150.00
1030	203E10000	Excavation	155.00	CY	25.00	3,875.00	40.00	6,200.00	30.00	4,650.00	32.00	4,960.00
1035	203E20000	Embankment	123.00	CY	12.00	1,476.00	15.00	1,845.00	40.00	4,920.00	18.00	2,214.00
1040	204E10000	Subgrade Compaction	894.00	SQYD	5.00	4,470.00	5.50	4,917.00	2.00	1,788.00	5.00	4,470.00
1045	204E13001	Excavation Of Subgrade, As Per Plan	70.00	CY	25.00	1,750.00	30.00	2,100.00	25.00	1,750.00	24.00	1,680.00
1050	204E20003	Embankment, Using #2 Stone, As Per Plan	35.00	CY	50.00	1,750.00	42.00	1,470.00	50.00	1,750.00	52.00	1,820.00
1053	204E20002	Embankment, Using Item 304, As Per Plan	35.00	CY	50.00	1,750.00	50.00	1,750.00	50.00	1,750.00	52.00	1,820.00
1055	204E45001	Proof Rolling, As Per Plan	2.00	HR	225.00	450.00	180.00	360.00	100.00	200.00	150.00	300.00
1060	204E50001	Geotextile Fabric, As Per Plan	200.00	SQYD	3.00	600.00	2.00	400.00	2.00	400.00	2.50	500.00
1065	252E01500	Full Depth Pavement Sawing	111.00	FT	3.00	333.00	5.00	555.00	2.00	222.00	1.75	194.25
1070	254E01000	Pavement Planing, Asphalt Concrete	12,368.00	SQYD	3.00	37,104.00	1.80	22,262.40	2.50	30,920.00	1.90	23,499.20
1075	606E15100	Guardrail, Type MGS With Long Posts	375.00	FT	23.00	8,625.00	16.50	6,187.50	16.50	6,187.50	16.54	6,202.50
1080	606E35002	MGS Bridge Terminal Assembly, Type 1	2.00	EA	2,200.00	4,400.00	1,850.00	3,700.00	1,850.00	3,700.00	1,854.26	3,708.52
1085	606E35102	MGS Bridge Terminal Assembly, Type 2	2.00	EA	500.00	1,000.00	400.00	800.00	400.00	800.00	400.92	801.84

**Franklin County Engineer's Office - Highway Design**  
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Project Number: 2017-08  
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Engineer:	\$2,053,632.85 (Addendum #1)				

ITEM	STD.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1087	607E23001		Fence, Type CIt, As Per Plan	500.00	FT	20.00	10,000.00	15.00	7,500.00	15.00	7,500.00	15.03	7,515.00
1090	608E10000		4" Concrete Walk	1,114.00	SQFT	8.00	8,912.00	9.00	10,026.00	6.00	6,684.00	7.75	8,633.50
1095	623E39500		Monument Box Adjusted To Grade	1.00	EA	385.00	385.00	400.00	400.00	500.00	500.00	150.00	150.00
1100	861E10000		Geogrid For Subgrade Stabilization	200.00	SQYD	6.00	1,200.00	3.00	600.00	3.00	600.00	5.25	1,050.00
1105	202E70100		Special - Pipe Cleanout	33.00	FT	25.00	825.00	33.00	1,089.00	10.00	330.00	52.28	1,725.24
<b>Sub-Total:</b>							<b>105,442.00</b>		<b>90,797.90</b>		<b>94,895.50</b>		<b>98,092.05</b>

Group:		B	Erosion Control										
1200	601E32104		Rock Channel Protection, Type B With Geotextile Fabric	398.00	CY	100.00	39,800.00	42.00	16,716.00	45.00	17,910.00	110.00	43,780.00
1205	653E10001		Topsoil Furnished And Placed, As Per Plan	69.00	CY	35.00	2,415.00	40.00	2,760.00	30.00	2,070.00	45.00	3,105.00
1210	659E00100		Soil Analysis Test	2.00	EA	95.00	190.00	100.00	200.00	50.00	100.00	200.00	400.00
1215	659E10001		Seeding And Mulching, As Per Plan	619.00	SQYD	4.00	2,476.00	7.79	4,822.01	5.00	3,095.00	5.00	3,095.00
1220	659E20000		Commercial Fertilizer	0.10	TN	540.00	54.00	625.00	62.50	450.00	45.00	750.00	75.00
1225	659E35001		Water, As Per Plan	4.00	MGAL	25.00	100.00	250.00	1,000.00	50.00	200.00	450.00	1,800.00
1232	832E15001		Storm Water Pollution Prevention Plan, As Per Plan	1.00	LS	6,000.00	6,000.00	10,000.00	10,000.00	3,000.00	3,000.00	9,000.00	9,000.00
1236	832E30001		Erosion Control, As Per Proposal Note	15,800.00	EA	1.00	15,800.00	1.00	15,800.00	1.00	15,800.00	1.00	15,800.00
<b>Sub-Total:</b>							<b>66,835.00</b>		<b>51,360.51</b>		<b>42,220.00</b>		<b>77,055.00</b>

Group:		C	Drainage										
1300	605E06000		4" Base Pipe Underdrains	125.00	FT	13.00	1,625.00	12.00	1,500.00	20.00	2,500.00	11.00	1,375.00
1305	605E14000		6" Base Pipe Underdrains	80.00	FT	16.00	1,280.00	13.00	1,040.00	25.00	2,000.00	16.00	1,280.00
1310	611E00410		4" Conduit, Type F For	20.00	FT	16.50	330.00	14.00	280.00	20.00	400.00	15.00	300.00

**Franklin County Engineer's Office - Highway Design**  
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Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
			Underdrain Outlet										
1315	611E00510		6" Conduit, Type F For Underdrain Outlets	20.00	FT	17.50	350.00	15.00	300.00	25.00	500.00	16.00	320.00
1320	611E04400		12" Conduit, Type B, 706.02 Or 707.33	63.00	FT	76.00	4,788.00	90.00	5,670.00	40.00	2,520.00	100.00	6,300.00
1325	611E98180		Catch Basin, No. 3A	2.00	EA	2,300.00	4,600.00	2,600.00	5,200.00	3,000.00	6,000.00	2,750.00	5,500.00
1330	611E99654		Manhole Adjusted To Grade	1.00	EA	630.00	630.00	800.00	800.00	500.00	500.00	600.00	600.00
1335	611E99710		Precast Reinforced Concrete Outlet	2.00	EA	275.00	550.00	325.00	650.00	250.00	500.00	275.00	550.00
1340	611E99900		Drainage Structure, Misc.: Connect Conduit To Drain Strtr	1.00	EA	500.00	500.00	1,000.00	1,000.00	500.00	500.00	750.00	750.00
<b>Sub-Total:</b>							<b>14,653.00</b>		<b>16,440.00</b>		<b>15,420.00</b>		<b>16,975.00</b>

Group:	D	Pavement											
1400	301E46010	301 Asphalt Concrete Base, Pg64-28	172.00	CY	200.00	34,400.00	200.00	34,400.00	160.00	27,520.00	186.43	32,065.96	
1405	304E20000	304 Aggregate Base	151.00	CY	100.00	15,100.00	85.00	12,835.00	75.00	11,325.00	80.00	12,080.00	
1410	407E20000	Non-Tracking Tack Coat	949.00	GAL	4.00	3,796.00	4.50	4,270.50	5.00	4,745.00	3.46	3,283.54	
1415	442E10050	Asphalt Concrete Surface Course, 12.5 MM, Type B (448)	538.00	CY	180.00	96,840.00	184.00	98,992.00	190.00	102,220.00	178.41	95,984.58	
1420	442E10150	Asphalt Concrete Intermediate Course, 19 MM, Type B (448)	56.00	CY	200.00	11,200.00	272.00	15,232.00	175.00	9,800.00	245.56	13,751.36	
1425	609E12001	Combination Curb And Gutter, Type 2, As Per Plan	408.00	FT	20.00	8,160.00	42.00	17,136.00	40.00	16,320.00	31.06	12,672.48	
<b>Sub-Total:</b>							<b>169,496.00</b>		<b>182,865.50</b>		<b>171,930.00</b>		<b>169,837.92</b>

Group:	E	Lighting										
1500	625E10500	Light Pole, Misc.: Remove &	1.00	EA	3,500.00	3,500.00	4,898.00	4,898.00	1,500.00	1,500.00	1,225.31	1,225.31

**Franklin County Engineer's Office - Highway Design  
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Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Replace Existi Bridge Pole Light										
1502	625E98000	Lighting, Misc.:Rewire&Relamp Luminaire, AsPerProposal Note	6,000.00	EA	1.00	6,000.00	1.00	6,000.00	1.00	6,000.00	1.00	6,000.00
1503	625E98000	Lighting, Misc.: Luminaire Removed, As Per Proposal Note	2.00	EA	1,200.00	2,400.00	1,680.00	3,360.00	3,000.00	6,000.00	2,779.38	5,558.76
1504	625E98000	Lighting, Misc.:Luminaire Install Only, As Per Proposa Note	2.00	EA	6,500.00	13,000.00	2,386.80	4,773.60	5,000.00	10,000.00	4,941.34	9,882.68
1505	625E98100	Lighting, Misc.: 2" PVC Conduit	222.00	FT	6.00	1,332.00	8.77	1,946.94	10.00	2,220.00	7.41	1,645.02
<b>Sub-Total:</b>						<b>26,232.00</b>		<b>20,978.54</b>		<b>25,720.00</b>		<b>24,311.77</b>

Group:	G	Structure Over 20' Span										
1700	202E11203	Portions Of Structure Removed, Over 20 Foot Span, APP	1.00	LS	70,000.00	70,000.00	126,000.00	126,000.00	125,000.00	125,000.00	120,000.00	120,000.00
1705	202E22900	Approach Slab Removed	356.00	SQYD	28.00	9,968.00	34.00	12,104.00	50.00	17,800.00	32.00	11,392.00
1710	202E23501	Wearing Course Removed, As Per Plan	1,298.00	SQYD	6.00	7,788.00	8.00	10,384.00	5.00	6,490.00	6.00	7,788.00
1715	202E38500	Bridge Railing Removed	450.00	FT	10.00	4,500.00	6.00	2,700.00	10.00	4,500.00	4.00	1,800.00
1720	503E11101	Cofferdams And Excavation Bracing, As Per Plan	1.00	LS	15,000.00	15,000.00	16,000.00	16,000.00	25,000.00	25,000.00	40,000.00	40,000.00
1725	503E21101	Unclassified Excavation, As Per Plan	1.00	LS	7,000.00	7,000.00	30,000.00	30,000.00	25,000.00	25,000.00	60,000.00	60,000.00
1730	509E10000	Epoxy Coated Reinforcing Steel	100,755.00	LB	1.00	100,755.00	1.00	100,755.00	1.00	100,755.00	0.98	98,739.90

**Franklin County Engineer's Office - Highway Design**  
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Bid Date: Thursday February 8, 2018 2:00 PM	Engineer's Estimate	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204	The Righter Company 2424 Harrison Road Columbus, OH 43204	Eagle Bridge Co. P.O. Box 59 Sidney, OH 45365
Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1735	510E10000		Dowel Holes With Nonshrink, Nonmetallic Grout	256.00	EA	20.00	5,120.00	20.00	5,120.00	36.00	9,216.00	15.00	3,840.00
1740	511E33500		Semi-Integral Diaphragm Guide	2.00	EA	4,500.00	9,000.00	3,000.00	6,000.00	3,000.00	6,000.00	3,500.00	7,000.00
1745	511E34446		Class QC2 Concrete With QC/QA, Bridge Deck	400.00	CY	700.00	280,000.00	750.00	300,000.00	706.00	282,400.00	875.00	350,000.00
1750	511E44112		Class QC1 Concrete With QC/QA, Abutment Not Including Footin	85.00	CY	800.00	68,000.00	640.00	54,400.00	650.00	55,250.00	650.00	55,250.00
1755	511E51510		Class QC2 Concrete, Sidewalk	72.00	CY	525.00	37,800.00	450.00	32,400.00	400.00	28,800.00	400.00	28,800.00
1760	512E10001		Sealing Of Concrete Surfaces, As Per Plan	763.00	SQYD	15.00	11,445.00	16.00	12,208.00	16.00	12,208.00	16.04	12,238.52
1765	512E10050		Sealing Of Concrete Surfaces (non-epoxy)	627.00	SQYD	12.00	7,524.00	8.50	5,329.50	8.50	5,329.50	8.52	5,342.04
1770	512E10100		Sealing Of Concrete Surfaces (epoxy-urethane)	763.00	SQYD	20.00	15,260.00	18.00	13,734.00	18.00	13,734.00	18.04	13,764.52
1775	512E10400		Treating Of Concrete Bridge Deck With Srs	991.00	SQYD	8.00	7,928.00	7.50	7,432.50	7.50	7,432.50	7.52	7,452.32
1780	512E10601		Concrete Repair By Epoxy Injection, As Per Plan	610.00	FT	102.00	62,220.00	36.00	21,960.00	50.00	30,500.00	40.00	24,400.00
1785	512E33000		Type 2 Waterproofing	18.00	SQYD	30.00	540.00	36.00	648.00	30.00	540.00	30.00	540.00
1790	513E20000		Welded Stud Shear Connectors	4,056.00	EA	3.00	12,168.00	3.05	12,370.80	3.50	14,196.00	3.50	14,196.00
1795	513E95030		Structural Steel, Misc.: Drilling Holes In Exist Beam App	96.00	EA	20.00	1,920.00	57.00	5,472.00	25.00	2,400.00	60.00	5,760.00
1800	514E00050		Surface Preparation Of Existing Structural Steel	15,702.00	SQFT	9.00	141,318.00	8.62	135,351.24	8.50	133,467.00	8.47	132,995.94

**Franklin County Engineer's Office - Highway Design**  
**Livingston Avenue 5.62 Over Blacklick Creek**  
**Bid Tabulation**

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Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD.	ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1805	514E00056		Field Painting Of Existing Structural Steel, Prime Coa	15,702.00	SQFT	2.00	31,404.00	2.04	32,032.08	1.00	15,702.00	1.00	15,702.00
1810	514E00060		Field Painting Structural Steel, Intermediate Coat	15,702.00	SQFT	2.00	31,404.00	1.02	16,016.04	1.00	15,702.00	1.00	15,702.00
1815	514E00067		Field Painting Structural Steel, Finish Coat, As Per Plan	15,702.00	SQFT	2.00	31,404.00	1.02	16,016.04	1.00	15,702.00	1.00	15,702.00
1820	514E00504		Grinding Fins, Tears, Sliver On Existing Structural Steel	15.00	MNHR	240.00	3,600.00	102.04	1,530.60	100.00	1,500.00	100.23	1,503.45
1825	514E10000		Final Inspection Repair	14.00	EA	250.00	3,500.00	127.55	1,785.70	125.00	1,750.00	125.29	1,754.06
1830	516E13600		1" Preformed Expansion Joint Filler	26.00	SQFT	6.95	180.70	20.00	520.00	8.00	208.00	6.00	156.00
1835	516E13900		2" Preformed Expansion Joint Filler	49.00	SQFT	9.15	448.35	16.00	784.00	10.00	490.00	10.00	490.00
1840	516E14020		Semi-integral Abutment Expansion Joint Seal	195.00	FT	50.00	9,750.00	25.00	4,875.00	30.00	5,850.00	30.00	5,850.00
1845	516E44200		Elastomeric Bearing With Internal Laminates And Load	16.00	EA	1,200.00	19,200.00	1,100.00	17,600.00	1,000.00	16,000.00	1,400.00	22,400.00
1850	516E47001		Jacking And Temporary Support Of Superstructure, As Per Plan	1.00	LS	16,000.00	16,000.00	12,000.00	12,000.00	25,000.00	25,000.00	10,000.00	10,000.00
1855	517E75121		Railing (concrete Parapet With Twin Steel Tube Railing),	443.00	FT	254.00	112,522.00	180.00	79,740.00	140.00	62,020.00	140.00	62,020.00
1860	518E21200		Porous Backfill With Geotextile Fabric	125.00	CY	80.00	10,000.00	85.00	10,625.00	100.00	12,500.00	100.00	12,500.00
1865	518E40000		6" Perforated Corrugated Plastic Pipe	215.00	FT	8.00	1,720.00	8.00	1,720.00	10.00	2,150.00	10.00	2,150.00
1870	518E40010		6" Non-perforated Corrugated	30.00	FT	14.00	420.00	18.00	540.00	15.00	450.00	15.00	450.00

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Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Plastic Pipe, Includingspecials										
1875	526E25011	Reinforced Concrete Approach Slabs With QC/QA (T=15"), APP	356.00	SQYD	260.00	92,560.00	230.00	81,880.00	250.00	89,000.00	250.00	89,000.00
1880	526E90010	Type A Installation	162.00	FT	420.00	68,040.00	160.00	25,920.00	125.00	20,250.00	125.00	20,250.00
1885	625E33001	Structure Grounding System, As Per Plan	6.00	EA	3,500.00	21,000.00	3,152.00	18,912.00	5,000.00	30,000.00	3,122.17	18,733.02
<b>Sub-Total:</b>						<b>1,328,407.05</b>		<b>1,232,865.50</b>		<b>1,220,292.00</b>		<b>1,295,661.77</b>

Group: F		Traffic Control										
1600	626E00100	Barrier Reflector	12.00	EA	8.00	96.00	10.00	120.00	10.00	120.00	8.02	96.24
1605	630E03101	Ground Mounted Support, No. 3 Post, As Per Plan	28.00	FT	10.00	280.00	20.00	560.00	12.00	336.00	15.03	420.84
1610	630E85100	Removal Of Ground Mounted Sign And Reerection	2.00	EA	58.00	116.00	100.00	200.00	50.00	100.00	50.12	100.24
1615	644E00200	Lane Line, 4"	0.59	MILE	1,440.00	849.60	1,755.00	1,035.45	1,755.00	1,035.45	1,759.03	1,037.83
1620	644E00300	Center Line	0.53	MILE	4,100.00	2,173.00	6,455.00	3,421.15	6,455.00	3,421.15	6,469.85	3,429.02
1625	644E00400	Channelizing Line, 8"	724.00	FT	1.30	941.20	1.50	1,086.00	1.50	1,086.00	1.50	1,086.00
1630	644E00500	Stop Line	35.00	FT	6.00	210.00	5.55	194.25	5.55	194.25	5.56	194.60
1635	644E00700	Transverse/diagonal Line	232.00	FT	5.50	1,276.00	5.55	1,287.60	5.55	1,287.60	5.56	1,289.92
1640	644E01300	Lane Arrow	7.00	EA	84.00	588.00	85.00	595.00	85.00	595.00	85.20	596.40
1645	644E01400	Word On Pavement, 72"	6.00	EA	130.00	780.00	115.00	690.00	115.00	690.00	115.27	691.62
1650	646E10111	Lane Line, 6", As Per Plan	0.09	MILE	2,600.00	234.00	31,625.00	2,846.25	31,625.00	2,846.25	31,697.78	2,852.80
1655	646E10201	Center Line, As Per Plan	0.05	MILE	3,400.00	170.00	64,765.00	3,238.25	64,765.00	3,238.25	64,914.00	3,245.70
<b>Sub-Total:</b>						<b>7,713.80</b>		<b>15,273.95</b>		<b>14,949.95</b>		<b>15,041.21</b>

Group: H		Maintenance Of Traffic										
1900	614E11001	Maintaining Traffic, As Per Plan	1.00	LS	20,000.00	20,000.00	25,000.00	25,000.00	30,000.00	30,000.00	50,000.00	50,000.00



2/08/2018  
5:53 pm

## Franklin County Engineer's Office - Highway Design Livingston Avenue 5.62 Over Blacklick Creek Bid Tabulation

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Engineer: \$2,053,632.85 (Addendum #1)												
ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1905	614E11111	Law Enforcement Officer With Patrol Car For Assistance, App	80.00	HR	70.00	5,600.00	65.00	5,200.00	70.00	5,600.00	70.00	5,600.00
1910	614E11501	Worksite Traffic Supervisor, As Per Plan	8.00	MO	5,500.00	44,000.00	400.00	3,200.00	250.00	2,000.00	4,500.00	36,000.00
1915	614E12500	Replacement Sign	25.00	EA	170.00	4,250.00	140.00	3,500.00	200.00	5,000.00	150.00	3,750.00
1920	614E12600	Replacement Drum	30.00	EA	60.00	1,800.00	35.00	1,050.00	60.00	1,800.00	45.00	1,350.00
1925	614E13000	Asphalt Concrete For Maintaining Traffic	30.00	CY	167.00	5,010.00	150.00	4,500.00	250.00	7,500.00	254.73	7,641.90
1930	614E13300	Barrier Reflector, Type B	70.00	EA	7.00	490.00	15.00	1,050.00	3.00	210.00	6.91	483.70
1935	614E13360	Object Marker, Two Way	70.00	EA	11.00	770.00	18.00	1,260.00	9.00	630.00	11.98	838.60
1940	614E18601	Portable Changeable Message Sign, As Per Plan	8.00	SNMT	900.00	7,200.00	900.00	7,200.00	1,000.00	8,000.00	634.69	5,077.52
1945	614E21000	Work Zone Center Line, Class I	0.85	MILE	1,350.00	1,147.50	1,060.00	901.00	3,000.00	2,550.00	1,062.44	903.07
1950	614E22000	Work Zone Edge Line, Class I	1.07	MILE	950.00	1,016.50	780.00	834.60	2,000.00	2,140.00	781.79	836.52
1955	616E10000	Water	50.00	MGAL	33.00	1,650.00	20.00	1,000.00	1.00	50.00	22.79	1,139.50
1960	622E41000	Portable Barrier, 32"	2,385.00	FT	12.00	28,620.00	9.00	21,465.00	10.00	23,850.00	14.24	33,962.40
1965	622E41020	Portable Barrier, 32", Bridg Mounted	180.00	FT	20.00	3,600.00	20.00	3,600.00	15.00	2,700.00	37.24	6,703.20
1970	642E50040	Pavement Marking, Misc.: Removal Of Existing Pavement Marker	1.00	LS	5,000.00	5,000.00	4,000.00	4,000.00	8,000.00	8,000.00	2,440.60	2,440.60
<b>Sub-Total:</b>						<b>130,154.00</b>		<b>83,760.60</b>		<b>100,030.00</b>		<b>156,727.01</b>
<b>Group: I Incidentals</b>												
2000	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	7,000.00	7,000.00	12,000.00	12,000.00	30,000.00	30,000.00	15,000.00	15,000.00

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Engineer: \$2,053,632.85 (Addendum #1)				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
2001	108E10000	Special - Cpm Progress Schedule	1.00	LS	1,500.00	1,500.00	3,000.00	3,000.00	1,000.00	1,000.00	3,000.00	3,000.00
2002	619E16011	Field Office, Type B, As Per Plan	8.00	MO	1,650.00	13,200.00	1,200.00	9,600.00	1,500.00	12,000.00	1,500.00	12,000.00
2005	623E10000	Construction Layout Stakes And Surveying	1.00	LS	8,000.00	8,000.00	12,600.00	12,600.00	25,000.00	25,000.00	10,000.00	10,000.00
2010	624E10000	Mobilization	1.00	LS	30,000.00	30,000.00	90,000.00	90,000.00	100,000.00	100,000.00	90,000.00	90,000.00
2015	SPECIAL-031	Asphalt, Fuel, & Steel Price Adjustment Allowance, As Per PN	50,000.00	DOLL	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00
2020	SPECIAL-033	Contingency, As Per Plan	95,000.00	DOLL	1.00	95,000.00	1.00	95,000.00	1.00	95,000.00	1.00	95,000.00
<b>Sub-Total:</b>						<b>204,700.00</b>		<b>272,200.00</b>		<b>313,000.00</b>		<b>275,000.00</b>
<b>Grand Total:</b>						<b>2,053,632.85</b>		<b>1,966,542.50</b>		<b>1,998,457.45</b>		<b>2,128,701.73</b>

Total Bid:	2,053,632.85	1,966,542.50	1,998,457.45	2,128,701.73
Total Alternate Package:				
Total Award:	2,053,632.85	1,966,542.50	1,998,457.45	2,128,701.73
Calc/Entered Bid Diff.:				
Difference from Low Vendor:		138,403.70	170,318.65	300,562.93
Total Subcontractors:				