

Franklin County Engineer's Office - Highway Design Havenwood Improvement Project Bid Tabulation

Project Number: 2019-13
Contract No:

Bid Date: Tuesday February 4, 2020 2:00 PM	Engineer's Estimate	Strawser Paving Co., Inc. 1595 Frank Road Columbus, OH 43223	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469	Columbus Asphalt Paving, Inc 1196 Technology Dr Gahanna, OH 43230
Engineer:				

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Group: A		Roadway										
005	201E11001	Clearing And Grubbing, As Per Plan	1.00	LS	15,000.00	15,000.00	10,500.00	10,500.00	10,550.00	10,550.00	14,000.00	14,000.00
010	202E23000	Pavement Removed	142.00	SQYD	9.00	1,278.00	24.00	3,408.00	20.00	2,840.00	14.00	1,988.00
015	202E23010	Pavement Removed, Asphalt	18,709.00	SQYD	6.50	121,608.50	2.50	46,772.50	3.25	60,804.25	5.75	107,576.75
020	202E30000	Walk Removed	19,365.00	SQFT	2.00	38,730.00	1.00	19,365.00	0.50	9,682.50	1.40	27,111.00
025	202E32000	Curb Removed	8,959.00	FT	5.50	49,274.50	3.25	29,116.75	3.00	26,877.00	7.00	62,713.00
030	202E35100	Pipe Removed	80.00	FT	16.00	1,280.00	7.00	560.00	12.00	960.00	30.00	2,400.00
035	202E58200	Inlet Removed	6.00	EA	500.00	3,000.00	350.00	2,100.00	120.00	720.00	300.00	1,800.00
040	202E98100	Removal Misc.: Post	7.00	EA	50.00	350.00	42.00	294.00	75.00	525.00	130.00	910.00
045	202E98100	Removal Misc.: Post With Concrete Base	2.00	EA	50.00	100.00	300.00	600.00	90.00	180.00	300.00	600.00
050	202E52990	Parking Block Removed	14.00	EA	23.00	322.00	85.00	1,190.00	40.00	560.00	40.00	560.00
055	203E10000	Excavation	1,609.00	CY	25.00	40,225.00	43.00	69,187.00	33.00	53,097.00	38.00	61,142.00
060	203E20000	Embankment	85.00	CY	16.00	1,360.00	16.00	1,360.00	35.00	2,975.00	52.00	4,420.00
065	203E21000	Embankment Using No. 57 Stone	543.00	CY	55.00	29,865.00	80.00	43,440.00	85.00	46,155.00	78.00	42,354.00
070	204E10000	Subgrade Compaction	7,757.00	SQYD	2.00	15,514.00	0.25	1,939.25	3.30	25,598.10	1.00	7,757.00
075	204E45001	Proof Rolling, As Per Plan	4.00	HR	150.00	600.00	90.00	360.00	200.00	800.00	89.00	356.00
080	690E98300	Special - Chemically Stabilized Base Course (16" Thick)	18,897.00	SQYD	3.50	66,139.50	4.00	75,588.00	3.81	71,997.57	4.00	75,588.00
085	206E10501	Cement, As Per Plan	885.00	TN	160.00	141,600.00	180.00	159,300.00	171.00	151,335.00	178.00	157,530.00
090	206E11001	Curing Coat, As Per Plan	18,897.00	SQYD	1.00	18,897.00	0.35	6,613.95	0.35	6,613.95	0.37	6,991.89
095	206E20000	Test Rolling	10.00	HR	190.00	1,900.00	90.00	900.00	200.00	2,000.00	89.00	890.00
100	206E30000	Mixture Design For Chemically Stabilized Soils	1.00	LS	8,500.00	8,500.00	10,000.00	10,000.00	9,370.00	9,370.00	9,700.00	9,700.00
105	608E10001	4" Concrete Walk, As Per	43,304.00	SQFT	6.00	259,824.00	4.50	194,868.00	3.95	171,050.80	5.85	253,328.40

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Plan										
110	608E13001	6" Concrete Walk, As Per Plan	3,437.00	SQFT	7.00	24,059.00	9.50	32,651.50	9.25	31,792.25	6.75	23,199.75
115	608E15001	8" Concrete Walk, As Per Plan	1,948.00	SQFT	9.00	17,532.00	11.00	21,428.00	11.50	22,402.00	8.75	17,045.00
120	608E40001	Concrete Steps	96.00	FT	170.00	16,320.00	45.00	4,320.00	92.00	8,832.00	55.00	5,280.00
125	608E49000	Curb Ramp	12.00	EA	1,000.00	12,000.00	120.00	1,440.00	170.00	2,040.00	425.00	5,100.00
130	608E53020	Detectable Warning	120.00	SQFT	35.00	4,200.00	10.00	1,200.00	30.00	3,600.00	22.00	2,640.00
135	690E98000	Special - Cluster Box Unit Relocation - Multiple Unit	1.00	EA	800.00	800.00	600.00	600.00	200.00	200.00	1,000.00	1,000.00
140	690E98000	Special - Litter Receptacle Relocation	1.00	EA	200.00	200.00	600.00	600.00	1,500.00	1,500.00	300.00	300.00
Sub-Total:						890,478.50		739,701.95		725,057.42		894,280.79
Group: B Erosion Control												
145	653E10001	Topsoil Furnished And Placed, As Per Plan	139.00	CY	60.00	8,340.00	150.00	20,850.00	55.00	7,645.00	88.00	12,232.00
150	659E10001	Seeding And Mulching, As Per Plan	2,268.00	SQYD	1.00	2,268.00	1.50	3,402.00	1.60	3,628.80	2.40	5,443.20
155	659E14000	Repair Seeding And Mulching	113.00	SQYD	1.00	113.00	1.50	169.50	3.00	339.00	3.10	350.30
160	659E20000	Commercial Fertilizer	0.31	TN	600.00	186.00	400.00	124.00	425.00	131.75	440.00	136.40
165	659E31000	Lime	0.47	ACRE	150.00	70.50	18.00	8.46	17.00	7.99	17.50	8.23
170	659E35000	Water, As Per Plan	62.00	MGAL	10.00	620.00	4.00	248.00	4.00	248.00	4.15	257.30
175	832E15000	Storm Water Pollution Prevention Plan	1.00	LS	3,500.00	3,500.00	1,500.00	1,500.00	4,000.00	4,000.00	3,500.00	3,500.00
180	832E30001	Erosion Control, As Per Plan	10,000.00	EA	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00
Sub-Total:						25,097.50		36,301.96		26,000.54		31,927.43
Group: C Drainage												
185	605E06000	4" Base Pipe Underdrains	8,909.00	FT	8.00	71,272.00	8.50	75,726.50	8.50	75,726.50	4.50	40,090.50

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
190	605E06000	4" Base Pipe Underdrains, As Per Plan	150.00	FT	8.00	1,200.00	9.00	1,350.00	10.00	1,500.00	6.25	937.50
195	611E00101	4" Conduit, Type B, Schedule 40 PVC, As Per Plan	50.00	FT	20.00	1,000.00	10.00	500.00	30.00	1,500.00	7.00	350.00
200	611E00201	4" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	14.00	700.00	10.00	500.00	30.00	1,500.00	7.00	350.00
205	611E00901	6" Conduit, Type B, Schedule 40 PVC, As Per Plan	50.00	FT	25.00	1,250.00	12.00	600.00	22.00	1,100.00	11.00	550.00
210	611E01101	6" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	19.00	950.00	12.00	600.00	18.00	900.00	11.00	550.00
215	611E01801	8" Conduit, Type B, Schedule 40 PVC, As Per Plan	50.00	FT	40.00	2,000.00	13.00	650.00	28.00	1,400.00	13.00	650.00
220	611E02001	8" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	34.00	1,700.00	13.00	650.00	25.00	1,250.00	13.00	650.00
225	611E04402	12" Conduit, Type B, RCP (ODOT 706.02), As Per Plan	25.00	FT	75.00	1,875.00	50.00	1,250.00	64.00	1,600.00	80.00	2,000.00
230	611E05902	15" Conduit, Type B, RCP (ODOT 706.02), As Per Plan	25.00	FT	80.00	2,000.00	55.00	1,375.00	70.00	1,750.00	84.00	2,100.00
235	611E07402	18" Conduit, Type B, RCP (ODOT 706.02), As Per Plan	25.00	FT	90.00	2,250.00	60.00	1,500.00	75.00	1,875.00	89.00	2,225.00
240	611E04403	12" Conduit, Type B, PCDWP (ODOT 707.65), As Per Plan	25.00	FT	65.00	1,625.00	40.00	1,000.00	55.00	1,375.00	72.00	1,800.00
245	611E05903	15" Conduit, Type B, PCDWP (ODOT 707.65), As Per Plan	25.00	FT	75.00	1,875.00	45.00	1,125.00	65.00	1,625.00	76.00	1,900.00
250	611E07403	18" Conduit, Type B, PCDWP (ODOT 707.65), As Per Plan	25.00	FT	85.00	2,125.00	50.00	1,250.00	70.00	1,750.00	79.00	1,975.00
255	604E09000	Catch Basin, Adjusted To Grade	1.00	EA	1,500.00	1,500.00	50.00	50.00	650.00	650.00	850.00	850.00
260	604E35501	Manhole Reconstructed To	1.00	EA	1,500.00	1,500.00	950.00	950.00	1,500.00	1,500.00	1,500.00	1,500.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Grade, As Per Plan										
265	611E99154	Inlet, Reconstructed To Grade, As Per Plan	14.00	EA	3,000.00	42,000.00	1,500.00	21,000.00	1,800.00	25,200.00	1,600.00	22,400.00
270	604E22500	Inlets	6.00	EA	5,000.00	30,000.00	4,500.00	27,000.00	2,500.00	15,000.00	3,600.00	21,600.00
Sub-Total:						166,822.00		137,076.50		137,201.50		102,478.00
Group: D Pavement												
275	252E01500	Full Depth Pavement Sawing	201.00	FT	3.00	603.00	1.50	301.50	2.50	502.50	1.25	251.25
280	304E20000	Aggregate Base	204.00	CY	60.00	12,240.00	100.00	20,400.00	73.00	14,892.00	115.00	23,460.00
285	407E20000	Non-Tracking Tack Coat	1,137.00	GAL	3.00	3,411.00	4.50	5,116.50	3.50	3,979.50	4.60	5,230.20
290	441E50000	Asphalt Concrete Surface Course, Type 1, (448), PG64 -22	655.00	CY	210.00	137,550.00	175.00	114,625.00	175.00	114,625.00	175.00	114,625.00
295	441E50300	Asphalt Concrete Intermediate Course, Type 2, (448)	919.00	CY	190.00	174,610.00	155.00	142,445.00	154.00	141,526.00	165.00	151,635.00
300	441E50400	Asphalt Concrete Surface Course, Type 1, (448), (Driveways)	4.00	CY	340.00	1,360.00	500.00	2,000.00	700.00	2,800.00	475.00	1,900.00
305	452E10050	6" Non-Reinforced Concrete Pavement, Class QC MS (Driveways)	1,152.00	SQYD	75.00	86,400.00	65.00	74,880.00	58.00	66,816.00	68.00	78,336.00
310	609E12001	Combination Curb And Gutter, As Per Plan	8,935.00	FT	25.00	223,375.00	9.50	84,882.50	16.25	145,193.75	17.00	151,895.00
315	609E26000	Curb Type 6, As Per Plan	997.00	FT	25.00	24,925.00	27.00	26,919.00	42.00	41,874.00	27.00	26,919.00
Sub-Total:						664,474.00		471,569.50		532,208.75		554,251.45
Group: E Water Work												
320	638E10400	Fire Hydrant Adjusted To Grade	9.00	EA	1,500.00	13,500.00	1,200.00	10,800.00	800.00	7,200.00	1,500.00	13,500.00
325	638E10800	Valve Box Adjusted To Grade	16.00	EA	300.00	4,800.00	75.00	1,200.00	450.00	7,200.00	125.00	2,000.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Sub-Total:						18,300.00		12,000.00		14,400.00		15,500.00
Group: F Sanitary Work												
330	611E99654	Manhole Adjusted To Grade	7.00	EA	900.00	6,300.00	150.00	1,050.00	500.00	3,500.00	200.00	1,400.00
Sub-Total:						6,300.00		1,050.00		3,500.00		1,400.00
Group: G Lighting												
335	625E98000	Lighting Misc.: Light Pole A Luminaire Removed For Storage	18.00	EA	800.00	14,400.00	500.00	9,000.00	432.00	7,776.00	450.00	8,100.00
Sub-Total:						14,400.00		9,000.00		7,776.00		8,100.00
Group: H Traffic Control												
340	625E29000	Trench	6.00	FT	11.50	69.00	95.00	570.00	87.50	525.00	90.00	540.00
345	625E25400	Conduit, 2", 725.04	6.00	FT	15.00	90.00	125.00	750.00	120.00	720.00	122.00	732.00
350	625E31510	Pull Box Removed	1.00	EA	960.00	960.00	500.00	500.00	537.00	537.00	550.00	550.00
355	625E31411	Pull Box, 725.08, 13"x24"	1.00	EA	2,000.00	2,000.00	1,200.00	1,200.00	1,260.00	1,260.00	1,300.00	1,300.00
360	630E86002	Removal Of Ground Mounted Support And Disposal	27.00	EA	25.00	675.00	25.00	675.00	25.00	675.00	26.00	702.00
365	630E84900	Removal Of Ground Mounted Sign And Disposal	28.00	EA	25.00	700.00	25.00	700.00	25.00	700.00	26.00	728.00
370	630E03100	Ground Mounted Support, As Per Plan	351.00	FT	9.00	3,159.00	17.00	5,967.00	16.10	5,651.10	16.50	5,791.50
375	630E80101	Sign Flat Sheet, As Per Plan	114.00	SQFT	9.00	1,026.00	25.00	2,850.00	25.00	2,850.00	26.00	2,964.00
380	630E85000	Removal Of Ground Mounted Sign And Storage	18.00	EA	25.00	450.00	30.00	540.00	30.00	540.00	31.00	558.00
385	632E26500	Detector Loop	2.00	EA	2,000.00	4,000.00	2,400.00	4,800.00	2,243.00	4,486.00	2,300.00	4,600.00
390	632E65200	Loop Detector Lead-in Cable	68.00	FT	6.00	408.00	7.00	476.00	7.00	476.00	7.00	476.00
395	644E00601	Crosswalk Line, As Per Plan	592.00	FT	3.30	1,953.60	3.00	1,776.00	3.00	1,776.00	3.00	1,776.00
400	644E00501	Stop Line, As Per Plan	86.00	FT	6.80	584.80	7.00	602.00	6.90	593.40	6.00	516.00
405	644E00301	Center Line, As Per Plan	1.00	MILE	4,000.00	4,000.00	6,000.00	6,000.00	5,732.00	5,732.00	5,600.00	5,600.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
410	644E01201	Parking Lot Stall Marking, A Per Plan	3,628.00 FT	1.80	6,530.40	1.75	6,349.00	1.60	5,804.80	1.80	6,530.40
415	644E00401	Channelizing Line, 8", As Per Plan	84.00 FT	1.50	126.00	1.75	147.00	1.65	138.60	1.80	151.20
420	644E01301	Lane Arrow, As Per Plan	2.00 EA	95.00	190.00	125.00	250.00	125.00	250.00	100.00	200.00
Sub-Total:					26,921.80		34,152.00		32,714.90		33,715.10
Group: I Maintenance Of Traffic											
425	410E14001	Traffic Compacted Surface, As Per Plan	460.00 CY	40.00	18,400.00	20.00	9,200.00	53.00	24,380.00	75.00	34,500.00
430	614E11001	Maintaining Traffic, As Per Plan	1.00 LS	60,000.00	60,000.00	28,000.00	28,000.00	67,000.00	67,000.00	30,000.00	30,000.00
435	614E11500	Worksite Traffic Supervisor	4.00 MO	2,000.00	8,000.00	150.00	600.00	4,000.00	16,000.00	300.00	1,200.00
440	614E18601	Portable Changeable Message Sign, As Per Plan	8.00 SNMT	900.00	7,200.00	750.00	6,000.00	750.00	6,000.00	775.00	6,200.00
445	616E10000	Water	62.00 MGAL	10.00	620.00	4.00	248.00	10.00	620.00	50.00	3,100.00
Sub-Total:					94,220.00		44,048.00		114,000.00		75,000.00
Group: J Incidentals											
450	103E05000	Premium For Contract Performance Bond And For Payment Bond	1.00 LS	19,678.00	19,678.00	7,500.00	7,500.00	9,500.00	9,500.00	8,000.00	8,000.00
455	619E16001	Field Office, Type A, As Per Plan	4.00 MO	2,000.00	8,000.00	1,000.00	4,000.00	3,150.00	12,600.00	1,800.00	7,200.00
460	623E10000	Construction Layout Stakes And Surveying	1.00 LS	30,000.00	30,000.00	4,000.00	4,000.00	20,000.00	20,000.00	7,500.00	7,500.00
465	624E10000	Mobilization	1.00 LS	40,000.00	40,000.00	38,000.00	38,000.00	40,000.00	40,000.00	12,000.00	12,000.00
470	690E98000	Special - Locate Existing Utilities, As Per Proposal Note	5.00 EA	400.00	2,000.00	300.00	1,500.00	650.00	3,250.00	750.00	3,750.00

1/28/2020
11:18 am

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
475	SPECIAL-032	Contingency, As Per Proposal Note	100,000.00	DOLL	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00	1.00	100,000.00
Sub-Total:						199,678.00		155,000.00		185,350.00		138,450.00
Grand Total:						2,106,691.80		1,639,899.91		1,778,209.11		1,855,102.77
Total Bid:						2,106,691.80						
Calc/Entered Bid Diff.:								1,639,899.91		1,778,209.11		1,855,102.77
Difference from Low Vendor:										138,309.20		215,202.86
Total Subcontractors:												

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Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Group: A		Roadway										
005	201E11001	Clearing And Grubbing, As Per Plan	1.00	LS	15,000.00	15,000.00	22,000.00	22,000.00	0.00	0.00	0.00	0.00
010	202E23000	Pavement Removed	142.00	SQYD	9.00	1,278.00	12.00	1,704.00	0.00	0.00	0.00	0.00
015	202E23010	Pavement Removed, Asphalt	18,709.00	SQYD	6.50	121,608.50	3.00	56,127.00	0.00	0.00	0.00	0.00
020	202E30000	Walk Removed	19,365.00	SQFT	2.00	38,730.00	1.00	19,365.00	0.00	0.00	0.00	0.00
025	202E32000	Curb Removed	8,959.00	FT	5.50	49,274.50	6.00	53,754.00	0.00	0.00	0.00	0.00
030	202E35100	Pipe Removed	80.00	FT	16.00	1,280.00	5.00	400.00	0.00	0.00	0.00	0.00
035	202E58200	Inlet Removed	6.00	EA	500.00	3,000.00	300.00	1,800.00	0.00	0.00	0.00	0.00
040	202E98100	Removal Misc.: Post	7.00	EA	50.00	350.00	25.00	175.00	0.00	0.00	0.00	0.00
045	202E98100	Removal Misc.: Post With Concrete Base	2.00	EA	50.00	100.00	25.00	50.00	0.00	0.00	0.00	0.00
050	202E52990	Parking Block Removed	14.00	EA	23.00	322.00	25.00	350.00	0.00	0.00	0.00	0.00
055	203E10000	Excavation	1,609.00	CY	25.00	40,225.00	50.00	80,450.00	0.00	0.00	0.00	0.00
060	203E20000	Embankment	85.00	CY	16.00	1,360.00	50.00	4,250.00	0.00	0.00	0.00	0.00
065	203E21000	Embankment Using No. 57 Stone	543.00	CY	55.00	29,865.00	100.00	54,300.00	0.00	0.00	0.00	0.00
070	204E10000	Subgrade Compaction	7,757.00	SQYD	2.00	15,514.00	4.00	31,028.00	0.00	0.00	0.00	0.00
075	204E45001	Proof Rolling, As Per Plan	4.00	HR	150.00	600.00	200.00	800.00	0.00	0.00	0.00	0.00
080	690E98300	Special - Chemically Stabilized Base Course (16" Thick)	18,897.00	SQYD	3.50	66,139.50	5.70	107,712.90	0.00	0.00	0.00	0.00
085	206E10501	Cement, As Per Plan	885.00	TN	160.00	141,600.00	171.05	151,379.25	0.00	0.00	0.00	0.00
090	206E11001	Curing Coat, As Per Plan	18,897.00	SQYD	1.00	18,897.00	0.35	6,613.95	0.00	0.00	0.00	0.00
095	206E20000	Test Rolling	10.00	HR	190.00	1,900.00	140.00	1,400.00	0.00	0.00	0.00	0.00
100	206E30000	Mixture Design For Chemically Stabilized Soils	1.00	LS	8,500.00	8,500.00	9,370.00	9,370.00	0.00	0.00	0.00	0.00
105	608E10001	4" Concrete Walk, As Per	43,304.00	SQFT	6.00	259,824.00	5.00	216,520.00	0.00	0.00	0.00	0.00

**Franklin County Engineer's Office - Highway Design
Havenwood Improvement Project
Bid Tabulation**

Project Number: 2019-13
Contract No:

Bid Date: Tuesday February 4, 2020 2:00 PM	Engineer's Estimate	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204
Engineer:		

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Plan										
110	608E13001	6" Concrete Walk, As Per Plan	3,437.00	SQFT	7.00	24,059.00	7.00	24,059.00	0.00	0.00	0.00	0.00
115	608E15001	8" Concrete Walk, As Per Plan	1,948.00	SQFT	9.00	17,532.00	9.00	17,532.00	0.00	0.00	0.00	0.00
120	608E40001	Concrete Steps	96.00	FT	170.00	16,320.00	200.00	19,200.00	0.00	0.00	0.00	0.00
125	608E49000	Curb Ramp	12.00	EA	1,000.00	12,000.00	700.00	8,400.00	0.00	0.00	0.00	0.00
130	608E53020	Detectable Warning	120.00	SQFT	35.00	4,200.00	25.00	3,000.00	0.00	0.00	0.00	0.00
135	690E98000	Special - Cluster Box Unit Relocation - Multiple Unit	1.00	EA	800.00	800.00	500.00	500.00	0.00	0.00	0.00	0.00
140	690E98000	Special - Litter Receptacle Relocation	1.00	EA	200.00	200.00	100.00	100.00	0.00	0.00	0.00	0.00
Sub-Total:						890,478.50		892,340.10				

Group: B		Erosion Control										
145	653E10001	Topsoil Furnished And Placed, As Per Plan	139.00	CY	60.00	8,340.00	75.00	10,425.00	0.00	0.00	0.00	0.00
150	659E10001	Seeding And Mulching, As Per Plan	2,268.00	SQYD	1.00	2,268.00	5.00	11,340.00	0.00	0.00	0.00	0.00
155	659E14000	Repair Seeding And Mulching	113.00	SQYD	1.00	113.00	3.00	339.00	0.00	0.00	0.00	0.00
160	659E20000	Commercial Fertilizer	0.31	TN	600.00	186.00	425.00	131.75	0.00	0.00	0.00	0.00
165	659E31000	Lime	0.47	ACRE	150.00	70.50	17.00	7.99	0.00	0.00	0.00	0.00
170	659E35000	Water, As Per Plan	62.00	MGAL	10.00	620.00	4.00	248.00	0.00	0.00	0.00	0.00
175	832E15000	Storm Water Pollution Prevention Plan	1.00	LS	3,500.00	3,500.00	5,000.00	5,000.00	0.00	0.00	0.00	0.00
180	832E30001	Erosion Control, As Per Plan	10,000.00	EA	1.00	10,000.00	1.00	10,000.00	0.00	0.00	0.00	0.00
Sub-Total:						25,097.50		37,491.74				

Group: C		Drainage										
185	605E06000	4" Base Pipe Underdrains	8,909.00	FT	8.00	71,272.00	7.00	62,363.00	0.00	0.00	0.00	0.00

**Franklin County Engineer's Office - Highway Design
Havenwood Improvement Project
Bid Tabulation**

Project Number: 2019-13
Contract No:

Bid Date: Tuesday February 4, 2020 2:00 PM Engineer:	Engineer's Estimate	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204
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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
190	605E06000	4" Base Pipe Underdrains, As Per Plan	150.00	FT	8.00	1,200.00	6.00	900.00	0.00	0.00	0.00	0.00
195	611E00101	4" Conduit, Type B, Schedule 40 PVC, As Per Plan	50.00	FT	20.00	1,000.00	7.00	350.00	0.00	0.00	0.00	0.00
200	611E00201	4" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	14.00	700.00	7.00	350.00	0.00	0.00	0.00	0.00
205	611E00901	6" Conduit, Type B, Schedule 40 PVC, As Per Plan	50.00	FT	25.00	1,250.00	7.00	350.00	0.00	0.00	0.00	0.00
210	611E01101	6" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	19.00	950.00	7.00	350.00	0.00	0.00	0.00	0.00
215	611E01801	8" Conduit, Type B, Schedule 40 PVC, As Per Plan	50.00	FT	40.00	2,000.00	8.00	400.00	0.00	0.00	0.00	0.00
220	611E02001	8" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	34.00	1,700.00	8.00	400.00	0.00	0.00	0.00	0.00
225	611E04402	12" Conduit, Type B, RCP (ODOT 706.02), As Per Plan	25.00	FT	75.00	1,875.00	40.00	1,000.00	0.00	0.00	0.00	0.00
230	611E05902	15" Conduit, Type B, RCP (ODOT 706.02), As Per Plan	25.00	FT	80.00	2,000.00	40.00	1,000.00	0.00	0.00	0.00	0.00
235	611E07402	18" Conduit, Type B, RCP (ODOT 706.02), As Per Plan	25.00	FT	90.00	2,250.00	40.00	1,000.00	0.00	0.00	0.00	0.00
240	611E04403	12" Conduit, Type B, PCDWP (ODOT 707.65), As Per Plan	25.00	FT	65.00	1,625.00	30.00	750.00	0.00	0.00	0.00	0.00
245	611E05903	15" Conduit, Type B, PCDWP (ODOT 707.65), As Per Plan	25.00	FT	75.00	1,875.00	30.00	750.00	0.00	0.00	0.00	0.00
250	611E07403	18" Conduit, Type B, PCDWP (ODOT 707.65), As Per Plan	25.00	FT	85.00	2,125.00	30.00	750.00	0.00	0.00	0.00	0.00
255	604E09000	Catch Basin, Adjusted To Grade	1.00	EA	1,500.00	1,500.00	800.00	800.00	0.00	0.00	0.00	0.00
260	604E35501	Manhole Reconstructed To	1.00	EA	1,500.00	1,500.00	1,500.00	1,500.00	0.00	0.00	0.00	0.00

**Franklin County Engineer's Office - Highway Design
Havenwood Improvement Project
Bid Tabulation**

Project Number: 2019-13
Contract No:

Bid Date: Tuesday February 4, 2020 2:00 PM		Engineer's Estimate		Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204								
ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Grade, As Per Plan										
265	611E99154	Inlet, Reconstructed To Grade, As Per Plan	14.00	EA	3,000.00	42,000.00	1,000.00	14,000.00	0.00	0.00	0.00	0.00
270	604E22500	Inlets	6.00	EA	5,000.00	30,000.00	2,500.00	15,000.00	0.00	0.00	0.00	0.00
Sub-Total:						166,822.00		102,013.00				
Group: D		Pavement										
275	252E01500	Full Depth Pavement Sawing	201.00	FT	3.00	603.00	5.00	1,005.00	0.00	0.00	0.00	0.00
280	304E20000	Aggregate Base	204.00	CY	60.00	12,240.00	100.00	20,400.00	0.00	0.00	0.00	0.00
285	407E20000	Non-Tracking Tack Coat	1,137.00	GAL	3.00	3,411.00	3.45	3,922.65	0.00	0.00	0.00	0.00
290	441E50000	Asphalt Concrete Surface Course, Type 1, (448), PG64 -22	655.00	CY	210.00	137,550.00	151.00	98,905.00	0.00	0.00	0.00	0.00
295	441E50300	Asphalt Concrete Intermediate Course, Type 2, (448)	919.00	CY	190.00	174,610.00	125.00	114,875.00	0.00	0.00	0.00	0.00
300	441E50400	Asphalt Concrete Surface Course, Type 1, (448), (Driveways)	4.00	CY	340.00	1,360.00	400.00	1,600.00	0.00	0.00	0.00	0.00
305	452E10050	6" Non-Reinforced Concrete Pavement, Class QC MS (Driveways)	1,152.00	SQYD	75.00	86,400.00	70.00	80,640.00	0.00	0.00	0.00	0.00
310	609E12001	Combination Curb And Gutter, As Per Plan	8,935.00	FT	25.00	223,375.00	22.00	196,570.00	0.00	0.00	0.00	0.00
315	609E26000	Curb Type 6, As Per Plan	997.00	FT	25.00	24,925.00	42.00	41,874.00	0.00	0.00	0.00	0.00
Sub-Total:						664,474.00		559,791.65				
Group: E		Water Work										
320	638E10400	Fire Hydrant Adjusted To Grade	9.00	EA	1,500.00	13,500.00	800.00	7,200.00	0.00	0.00	0.00	0.00
325	638E10800	Valve Box Adjusted To Grade	16.00	EA	300.00	4,800.00	250.00	4,000.00	0.00	0.00	0.00	0.00

Franklin County Engineer's Office - Highway Design Havenwood Improvement Project Bid Tabulation

Project Number: 2019-13
Contract No:

Bid Date: Tuesday February 4, 2020 2:00 PM		Engineer's Estimate		Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204								
ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Sub-Total:						18,300.00	11,200.00					
Group: F		Sanitary Work										
330	611E99654	Manhole Adjusted To Grade	7.00	EA	900.00	6,300.00	1,000.00	7,000.00	0.00	0.00	0.00	0.00
Sub-Total:						6,300.00	7,000.00					
Group: G		Lighting										
335	625E98000	Lighting Misc.: Light Pole A Luminaire Removed For Storage	18.00	EA	800.00	14,400.00	800.00	14,400.00	0.00	0.00	0.00	0.00
Sub-Total:						14,400.00	14,400.00					
Group: H		Traffic Control										
340	625E29000	Trench	6.00	FT	11.50	69.00	244.00	1,464.00	0.00	0.00	0.00	0.00
345	625E25400	Conduit, 2", 725.04	6.00	FT	15.00	90.00	66.00	396.00	0.00	0.00	0.00	0.00
350	625E31510	Pull Box Removed	1.00	EA	960.00	960.00	964.00	964.00	0.00	0.00	0.00	0.00
355	625E31411	Pull Box, 725.08, 13"x24"	1.00	EA	2,000.00	2,000.00	1,069.00	1,069.00	0.00	0.00	0.00	0.00
360	630E86002	Removal Of Ground Mounted Support And Disposal	27.00	EA	25.00	675.00	25.00	675.00	0.00	0.00	0.00	0.00
365	630E84900	Removal Of Ground Mounted Sign And Disposal	28.00	EA	25.00	700.00	25.00	700.00	0.00	0.00	0.00	0.00
370	630E03100	Ground Mounted Support, As Per Plan	351.00	FT	9.00	3,159.00	16.10	5,651.10	0.00	0.00	0.00	0.00
375	630E80101	Sign Flat Sheet, As Per Plan	114.00	SQFT	9.00	1,026.00	24.90	2,838.60	0.00	0.00	0.00	0.00
380	630E85000	Removal Of Ground Mounted Sign And Storage	18.00	EA	25.00	450.00	30.00	540.00	0.00	0.00	0.00	0.00
385	632E26500	Detector Loop	2.00	EA	2,000.00	4,000.00	2,664.00	5,328.00	0.00	0.00	0.00	0.00
390	632E65200	Loop Detector Lead-in Cable	68.00	FT	6.00	408.00	7.00	476.00	0.00	0.00	0.00	0.00
395	644E00601	Crosswalk Line, As Per Plan	592.00	FT	3.30	1,953.60	3.00	1,776.00	0.00	0.00	0.00	0.00
400	644E00501	Stop Line, As Per Plan	86.00	FT	6.80	584.80	6.90	593.40	0.00	0.00	0.00	0.00
405	644E00301	Center Line, As Per Plan	1.00	MILE	4,000.00	4,000.00	5,732.00	5,732.00	0.00	0.00	0.00	0.00

**Franklin County Engineer's Office - Highway Design
Havenwood Improvement Project
Bid Tabulation**

Project Number: 2019-13
Contract No:

Bid Date: Tuesday February 4, 2020 2:00 PM Engineer:	Engineer's Estimate	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204
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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
410	644E01201	Parking Lot Stall Marking, A Per Plan	3,628.00	FT	1.80	6,530.40	1.60	5,804.80	0.00	0.00	0.00	0.00
415	644E00401	Channelizing Line, 8", As Pe Plan	84.00	FT	1.50	126.00	1.65	138.60	0.00	0.00	0.00	0.00
420	644E01301	Lane Arrow, As Per Plan	2.00	EA	95.00	190.00	125.00	250.00	0.00	0.00	0.00	0.00
Sub-Total:						26,921.80		34,396.50				
Group: I Maintenance Of Traffic												
425	410E14001	Traffic Compacted Surface, As Per Plan	460.00	CY	40.00	18,400.00	35.00	16,100.00	0.00	0.00	0.00	0.00
430	614E11001	Maintaining Traffic, As Per Plan	1.00	LS	60,000.00	60,000.00	50,000.00	50,000.00	0.00	0.00	0.00	0.00
435	614E11500	Worksite Traffic Supervisor	4.00	MO	2,000.00	8,000.00	500.00	2,000.00	0.00	0.00	0.00	0.00
440	614E18601	Portable Changeable Message Sign, As Per Plan	8.00	SNMT	900.00	7,200.00	500.00	4,000.00	0.00	0.00	0.00	0.00
445	616E10000	Water	62.00	MGAL	10.00	620.00	2.00	124.00	0.00	0.00	0.00	0.00
Sub-Total:						94,220.00		72,224.00				
Group: J Incidentals												
450	103E05000	Premium For Contract Performance Bond And For Payment Bond	1.00	LS	19,678.00	19,678.00	20,000.00	20,000.00	0.00	0.00	0.00	0.00
455	619E16001	Field Office, Type A, As Per Plan	4.00	MO	2,000.00	8,000.00	800.00	3,200.00	0.00	0.00	0.00	0.00
460	623E10000	Construction Layout Stakes And Surveying	1.00	LS	30,000.00	30,000.00	15,000.00	15,000.00	0.00	0.00	0.00	0.00
465	624E10000	Mobilization	1.00	LS	40,000.00	40,000.00	50,000.00	50,000.00	0.00	0.00	0.00	0.00
470	690E98000	Special - Locate Existing Utilities, As Per Proposal Note	5.00	EA	400.00	2,000.00	300.00	1,500.00	0.00	0.00	0.00	0.00

1/28/2020
11:18 am

**Franklin County Engineer's Office - Highway Design
Havenwood Improvement Project
Bid Tabulation**

Project Number: 2019-13
Contract No:

Bid Date: Tuesday February 4, 2020 2:00 PM Engineer:				Engineer's Estimate	Double Z Constr. Co 2550 Harrison Road Columbus, OH 43204							
ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
475	SPECIAL-032	Contingency, As Per Proposal Note	100,000.00	DOLL	1.00	100,000.00	1.00	100,000.00	0.00	0.00	0.00	0.00
Sub-Total:						199,678.00	189,700.00					
Grand Total:						2,106,691.80	1,920,556.99					
Total Bid:						2,106,691.80						
Calc/Entered Bid Diff.:							1,920,556.99					
Difference from Low Vendor:							280,657.08					
Total Subcontractors:												