

Franklin County Engineer's Office - Bridge Design

Agler Rd 1.52 over Alum Creek

Bid Tabulation

Project Number: 2021-13
Contract No:
Specifications:

Bid Date: Sunday , 12:00 AM	Engineer's Estimate	Complete General 1221 East Fifth Ave Columbus, OH 43219	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469
Engineer: Estimate: \$4,562,782.95			

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
Group: A		ROADWAY										
100	201E11000	Clearing And Grubbing	1.00	LS	10,000.00	10,000.00	20,000.00	20,000.00	24,500.00	24,500.00	0.00	0.00
104	202E75000	Fence Removed	647.00	FT	3.16	2,044.52	3.00	1,941.00	3.50	2,264.50	0.00	0.00
108	202E30000	Walk Removed	3,725.00	SQFT	1.34	4,991.50	2.10	7,822.50	0.60	2,235.00	0.00	0.00
112	202E32500	Curb And Gutter Removed	889.00	FT	4.59	4,080.51	8.00	7,112.00	5.00	4,445.00	0.00	0.00
116	202E23000	Pavement Removed	1,119.00	SQYD	9.80	10,966.20	19.00	21,261.00	12.00	13,428.00	0.00	0.00
120	202E58300	Catch Basin Or Inlet Removed	3.00	EA	417.26	1,251.78	630.00	1,890.00	240.00	720.00	0.00	0.00
124	202E38000	Guardrail Removed	753.00	FT	1.64	1,234.92	2.00	1,506.00	2.50	1,882.50	0.00	0.00
128	202E35100	Pipe Removed, 24" And Under	121.00	FT	16.58	2,006.18	27.00	3,267.00	13.00	1,573.00	0.00	0.00
132	202E22900	Approach Slab Removed	289.00	SQYD	28.75	8,308.75	42.00	12,138.00	18.00	5,202.00	0.00	0.00
136	203E10000	Excavation	1,227.00	CY	15.65	19,202.55	15.00	18,405.00	18.00	22,086.00	0.00	0.00
140	203E20000	Embankment	1,588.00	CY	11.07	17,579.16	20.00	31,760.00	19.00	30,172.00	0.00	0.00
144	204E45001	Proof Rolling, As Per Plan	8.00	HR	200.00	1,600.00	115.00	920.00	185.00	1,480.00	0.00	0.00
148	204E13001	Excavation Of Subgrade, As Per Plan	62.00	CY	17.00	1,054.00	35.00	2,170.00	22.00	1,364.00	0.00	0.00
152	204E50001	Geotextile Fabric, As Per PI	94.00	SQYD	2.25	211.50	5.00	470.00	4.50	423.00	0.00	0.00
156	204E20003	Embankment, Using #2 Stone, As Per Plan	31.00	CY	60.00	1,860.00	63.00	1,953.00	60.00	1,860.00	0.00	0.00
160	204E20002	Embankment, Using Item 304, As Per Plan	31.00	CY	65.00	2,015.00	60.00	1,860.00	60.00	1,860.00	0.00	0.00
164	204E51001	Geogrid For Subbase Stabilization, As Per Plan	94.00	SQYD	15.00	1,410.00	5.00	470.00	4.00	376.00	0.00	0.00
168	606E15050	Guardrail, Type MGS	87.50	FT	26.00	2,275.00	26.40	2,310.00	23.00	2,012.50	0.00	0.00
172	606E26500	Anchor Assembly, Type T	2.00	EA	1,300.00	2,600.00	1,420.00	2,840.00	1,250.00	2,500.00	0.00	0.00
176	606E26150	Anchor Assembly, MGS Type E	1.00	EA	2,800.00	2,800.00	3,325.00	3,325.00	2,650.00	2,650.00	0.00	0.00
180	606E35002	MGS Bridge Terminal Assembly, Type 1	2.00	EA	2,056.18	4,112.36	2,880.00	5,760.00	2,450.00	4,900.00	0.00	0.00

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Engineer: Estimate: \$4,562,782.95			

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
184	606E35100	Bridge Terminal Assembly, Type 2	2.00	EA	407.58	815.16	627.00	1,254.00	500.00	1,000.00	0.00	0.00
188	607E98000	Fence, Misc.: Wood Fence	663.00	FT	50.00	33,150.00	53.00	35,139.00	48.00	31,824.00	0.00	0.00
192	607E23001	Fence, Type Clt, As Per Plan	248.00	FT	25.74	6,383.52	44.50	11,036.00	48.00	11,904.00	0.00	0.00
196	608E10001	4" Concrete Walk, As Per Pla	1,427.00	SQFT	9.00	12,843.00	8.00	11,416.00	7.00	9,989.00	0.00	0.00
200	608E52000	Curb Ramp	110.00	SQFT	11.04	1,214.40	27.00	2,970.00	16.00	1,760.00	0.00	0.00
204	608E53020	Detectable Warning	20.00	SQFT	200.00	4,000.00	95.00	1,900.00	33.00	660.00	0.00	0.00
208	609E11500	Combination Curb And Gutter, Type Special 8" (COC)	834.00	FT	21.59	18,006.06	40.00	33,360.00	41.00	34,194.00	0.00	0.00
212	625E31600	Pull Box, Misc.: Traffic Pul Box Adjusted To Grade	2.00	EA	1,100.00	2,200.00	1,250.00	2,500.00	1,250.00	2,500.00	0.00	0.00
216	661E40100	Deciduous Tree, 2-1/2" Calip	53.00	EA	675.00	35,775.00	690.00	36,570.00	717.00	38,001.00	0.00	0.00
Sub-Total:						215,991.07		285,325.50		259,765.50		

Group:		BB	PAVEMENT										
220	204E10000		Subgrade Compaction	1,764.00	SQYD	2.37	4,180.68	3.00	5,292.00	5.00	8,820.00	0.00	0.00
224	254E01000		1.5" Pavement Planing, Asphalt Concrete	3,638.00	SQYD	4.79	17,426.02	7.20	26,193.60	7.20	26,193.60	0.00	0.00
228	304E20000		304 Aggregate Base	312.00	CY	58.27	18,180.24	95.00	29,640.00	66.00	20,592.00	0.00	0.00
232	305E12010		8" Concrete Base, Class QC1	577.00	SY	60.00	34,620.00	95.00	54,815.00	98.00	56,546.00	0.00	0.00
236	407E20000		Non-Tracking Tack Coat	329.00	GAL	3.68	1,210.72	3.25	1,069.25	3.25	1,069.25	0.00	0.00
240	441E50000		Asphalt Concrete Surface Course, Type1, (448), PG64-22	178.00	CY	193.80	34,496.40	225.00	40,050.00	225.00	40,050.00	0.00	0.00
244	441E50300		Asphalt Concrete Intermediat Course, Type2, (448)	30.00	CY	292.28	8,768.40	300.00	9,000.00	300.00	9,000.00	0.00	0.00
248			SUP Asphalt Concrete Surface Course, Type1, (448), PG64-22	54.00	CY	210.00	11,340.00	240.00	12,960.00	240.00	12,960.00	0.00	0.00

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252		SUP Asphalt Concrete Intermediate Course, Type2, (448)	54.00	CY	205.00	11,070.00	230.00	12,420.00	230.00	12,420.00	0.00	0.00
Sub-Total:						141,292.46		191,439.85		187,650.85		

Group: CC		MAINTENANCE OF TRAFFIC										
256	410E12000	Traffic Compacted Surface, Type A Or B	100.00	CY	42.00	4,200.00	65.00	6,500.00	65.00	6,500.00	0.00	0.00
260	607E23001	Fence, Type Clt, As Per Plan (Temp Construction Fence)	500.00	FT	32.96	16,480.00	29.60	14,800.00	15.00	7,500.00	0.00	0.00
264	614E13000	Asphalt Concrete For Maintaining Traffic	50.00	CY	161.75	8,087.50	220.00	11,000.00	250.00	12,500.00	0.00	0.00
268	614E11111	Law Enforcement Officer With Patrol Car For Assistance, A	180.00	HR	68.11	12,259.80	80.00	14,400.00	68.00	12,240.00	0.00	0.00
272	614E18601	Portable Changeable Message Sign, As Per Plan	40.00	SNMT	1,000.00	40,000.00	700.00	28,000.00	650.00	26,000.00	0.00	0.00
276	614E12420	Detour Signing	1.00	LS	4,000.00	4,000.00	20,000.00	20,000.00	19,500.00	19,500.00	0.00	0.00
280	614E11500	Worksite Traffic Supervisor	12.00	MO	4,487.47	53,849.64	2,000.00	24,000.00	4,300.00	51,600.00	0.00	0.00
284	622E41000	Portable Barrier, 32"	144.00	FT	8.00	1,152.00	22.00	3,168.00	20.00	2,880.00	0.00	0.00
Sub-Total:						140,028.94		121,868.00		138,720.00		

Group: DD		EROSION CONTROL										
288	653E10001	Topsoil Furnished And Placed As Per Plan (4")	145.00	CY	50.00	7,250.00	40.00	5,800.00	51.00	7,395.00	0.00	0.00
292	659E98000	Seeding, Misc.: Temp Seeding And Mulching	1,306.00	SQYD	2.00	2,612.00	2.00	2,612.00	1.96	2,559.76	0.00	0.00
296	659E10001	Seeding And Mulching, As Per Plan	1,306.00	SQYD	2.87	3,748.22	4.75	6,203.50	2.90	3,787.40	0.00	0.00
300	659E35000	Water	100.00	MGAL	1.28	128.00	1.00	100.00	1.00	100.00	0.00	0.00
304	832E30000	Erosion Control	50,000.00	EA	1.00	50,000.00	1.00	50,000.00	1.00	50,000.00	0.00	0.00

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308	832E15000	Storm Water Pollution Prevention Plan	1.00	LS	8,000.00	8,000.00	1,700.00	1,700.00	1,750.00	1,750.00	0.00	0.00
312	832E15002	Storm Water Pollution Prevention Inspections	1.00	LS	13,500.00	13,500.00	4,900.00	4,900.00	11,000.00	11,000.00	0.00	0.00
316	832E15010	Storm Water Pollution Prevention Inspections Software	1.00	LS	9,500.00	9,500.00	11,900.00	11,900.00	11,837.00	11,837.00	0.00	0.00
Sub-Total:						94,738.22		83,215.50		88,429.16		

Group:		EE	DRAINAGE									
320	601E45040	Infiltration Trench Filter	60.00	CY	56.00	3,360.00	120.00	7,200.00	127.00	7,620.00	0.00	0.00
324	605E06000	4" Base Pipe Underdrains	834.00	FT	9.01	7,514.34	15.00	12,510.00	14.00	11,676.00	0.00	0.00
328	611E99574	Manhole, No. 3	1.00	EA	3,513.88	3,513.88	5,800.00	5,800.00	5,100.00	5,100.00	0.00	0.00
332	611E98450	Catch Basin, 2-2A	1.00	EA	1,649.45	1,649.45	2,800.00	2,800.00	2,500.00	2,500.00	0.00	0.00
336	611E98150	Catch Basin, No. 3	2.00	EA	3,255.97	6,511.94	2,700.00	5,400.00	4,500.00	9,000.00	0.00	0.00
340	611E98180	Catch Basin, No. 3A	1.00	EA	3,264.47	3,264.47	3,200.00	3,200.00	7,000.00	7,000.00	0.00	0.00
344	611E99575	Manhole, No. 3, As Per Plan	1.00	EA	7,500.00	7,500.00	5,200.00	5,200.00	3,432.00	3,432.00	0.00	0.00
348	611E00101	4" Conduit, Type B, As Per Plan	50.00	FT	20.00	1,000.00	25.00	1,250.00	26.00	1,300.00	0.00	0.00
352	611E00901	6" Conduit, Type B, As Per Plan	50.00	FT	25.00	1,250.00	30.00	1,500.00	33.00	1,650.00	0.00	0.00
356	611E01801	8" Conduit, Type B, As Per Plan	50.00	FT	28.00	1,400.00	40.00	2,000.00	41.00	2,050.00	0.00	0.00
360	611E00201	4" Conduit, Type C, As Per Plan	50.00	FT	15.43	771.50	29.00	1,450.00	22.00	1,100.00	0.00	0.00
364	611E01101	6" Conduit, Type C, As Per Plan	50.00	FT	17.00	850.00	30.00	1,500.00	29.00	1,450.00	0.00	0.00
368	611E02001	8" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	20.00	1,000.00	42.00	2,100.00	37.00	1,850.00	0.00	0.00

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372	611E99720	Inspection Well	2.00	EA	753.45	1,506.90	1,100.00	2,200.00	1,300.00	2,600.00	0.00	0.00
376	611E04400	12" Conduit, Type B	260.00	FT	35.63	9,263.80	80.00	20,800.00	95.00	24,700.00	0.00	0.00
380	611E13400	30" Conduit, Type B, (706.02 Or 707.65)	264.00	FT	175.00	46,200.00	200.00	52,800.00	189.00	49,896.00	0.00	0.00
Sub-Total:						96,556.28		127,710.00		132,924.00		

Group:	FF	TRAFFIC CONTROL										
384	621E54000	Raised Pavement Marker Removed	61.00	EA	10.20	622.20	23.00	1,403.00	8.00	488.00	0.00	0.00
388	621E00100	RPM	58.00	EA	67.20	3,897.60	70.00	4,060.00	64.00	3,712.00	0.00	0.00
392	630E80100	Sign, Flat Sheet	44.75	SQFT	19.27	862.33	31.40	1,405.15	20.00	895.00	0.00	0.00
396	630E03100	Ground Mounted Support, No. 3 Post	65.25	FT	10.55	688.39	15.40	1,004.85	15.00	978.75	0.00	0.00
400	630E84900	Removal Of Ground Mounted Sign And Disposal	4.00	EA	12.69	50.76	15.00	60.00	15.00	60.00	0.00	0.00
404	630E86002	Removal Of Ground Mounted Post Support And Disposal	4.00	EA	12.88	51.52	20.00	80.00	20.00	80.00	0.00	0.00
408	630E97700	Signing, Misc.: COG Double Sided Sign Panel Type 3A	2.00	EA	400.00	800.00	1,680.00	3,360.00	1,500.00	3,000.00	0.00	0.00
412	630E97700	Signing, Misc.: COG Double Sided Sign Panel Type 3B	1.00	EA	400.00	400.00	1,740.00	1,740.00	1,500.00	1,500.00	0.00	0.00
416	630E97700	Signing, Misc.: COG Double Sided Sign Panel Type 3C	1.00	EA	400.00	400.00	1,825.00	1,825.00	1,550.00	1,550.00	0.00	0.00
420	630E85100	Removal Of Ground Mounted Sign And Reerection	3.00	EA	49.13	147.39	75.00	225.00	50.00	150.00	0.00	0.00
424	644E50400	Pavement Marking, Misc.: Lane Line, 5"	0.20	MILE	1,645.15	329.03	2,514.00	502.80	2,514.00	502.80	0.00	0.00
428	644E50400	Pavement Marking, Misc.: Center Line, 5"	0.18	MILE	6,547.78	1,178.60	8,361.00	1,504.98	8,361.00	1,504.98	0.00	0.00
432	644E00400	Channelizing Line, 10"	278.00	FT	1.79	497.62	1.90	528.20	1.90	528.20	0.00	0.00

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436	644E01120	School Symbol Marking, 120"	1.00	EA	585.00	585.00	750.00	750.00	750.00	750.00	0.00	0.00
440	644E00500-20	Stop Line, 20"	38.00	FT	8.08	307.04	7.90	300.20	7.90	300.20	0.00	0.00
444	644E00700	Transverse/diagonal Line - 2	30.00	FT	10.00	300.00	7.90	237.00	7.90	237.00	0.00	0.00
448	644E01350	Lane Reduction Arrow, 72"	1.00	EA	226.00	226.00	195.00	195.00	195.00	195.00	0.00	0.00
452	644E01300	Lane Arrow, 72"	6.00	EA	113.48	680.88	98.00	588.00	98.00	588.00	0.00	0.00
456	644E01510	Dotted Line, 5"	140.00	FT	2.00	280.00	2.00	280.00	2.00	280.00	0.00	0.00
460	644E01400	Word On Pavement, 72" - ONLY	1.00	EA	126.54	126.54	135.00	135.00	135.00	135.00	0.00	0.00
464	644E01400	Word On Pavement, 72" - MERGE	1.00	EA	128.00	128.00	189.00	189.00	199.00	199.00	0.00	0.00
468	644E19000	Shared Lane Marking	1.00	EA	333.61	333.61	355.00	355.00	375.00	375.00	0.00	0.00
472	644E00600-10	Crosswalk Line, 10"	141.00	FT	4.00	564.00	3.90	549.90	4.00	564.00	0.00	0.00
476	645E90000	Lane Line, 5", Grooved, With Contrast	0.21	MILE	5,000.00	1,050.00	26,877.00	5,644.17	26,877.00	5,644.17	0.00	0.00
480	645E90000	Yellow Center Line, 5" Doubl Solid, Grooved, With Contras	0.11	MILE	14,000.00	1,540.00	82,158.00	9,037.38	82,158.00	9,037.38	0.00	0.00
484	645E90000	Pavement Marking,Misc. Edge Line, 5", Grooved, With Contrast	0.13	MILE	12,000.00	1,560.00	47,800.00	6,214.00	50,000.00	6,500.00	0.00	0.00
488	647E20000	Crosswalk Line, Type II, 24" White	280.00	FT	20.00	5,600.00	16.00	4,480.00	17.00	4,760.00	0.00	0.00
Sub-Total:						23,206.51		46,653.63		44,514.48		
Group: GG TRAFFIC SIGNALS												
492	632E90400	Signalization, Misc.: Vehicu Detection Adjustment	1.00	EA	3,000.00	3,000.00	1,500.00	1,500.00	1,600.00	1,600.00	0.00	0.00
Sub-Total:						3,000.00		1,500.00		1,600.00		
Group: HH RETAINING WALL												
496	503E21300	Unclassified Excavation	1.00	LS	30,000.00	30,000.00	80,000.00	80,000.00	12,000.00	12,000.00	0.00	0.00

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500	518E21200	Porous Backfill With Geotext Fabric	56.00	CY	64.77	3,627.12	112.00	6,272.00	179.00	10,024.00	0.00	0.00
504	518E40000	6" Perforated Corrugated Plastic Pipe	375.00	FT	8.13	3,048.75	8.00	3,000.00	4.00	1,500.00	0.00	0.00
508	518E40010	6" Non-perforated Corrugated Plastic Pipe,Including Speci	24.00	FT	7.17	172.08	18.00	432.00	38.00	912.00	0.00	0.00
512	601E21050	Tied Concrete Block Mat, Typ 1	131.00	SQYD	72.60	9,510.60	72.00	9,432.00	58.25	7,630.75	0.00	0.00
516	607E39900	Special - Vandal Protection Fence, 6' Straight, Coated Fabric	375.00	FT	74.83	28,061.25	123.40	46,275.00	135.00	50,625.00	0.00	0.00
520	610E50010	Special - Retaining Wall, Misc.: Modular Block Wall, APP	4,173.00	SQFT	39.69	165,626.37	46.00	191,958.00	48.00	200,304.00	0.00	0.00
524	840E23000	Select Granular Backfill	764.00	CY	131.00	100,084.00	66.00	50,424.00	92.25	70,479.00	0.00	0.00
Sub-Total:						340,130.17		387,793.00		353,474.75		

Group:		II	STRUCTURES									
528	107E99000	Special - Utility Coordinati	1.00	LS	350,000.00	350,000.00	300,000.00	300,000.00	377,000.00	377,000.00	0.00	0.00
532	SPECIAL AEP18-5"	Schedule 40 PVC ducts encased in concrete,AsPerPropNote	100.00	LF	300.00	30,000.00	400.00	40,000.00	425.00	42,500.00	0.00	0.00
536	SPECIAL AEP28-5"	Schedule 40 PVC ducts encased in concrete,AsPerPropNote	65.00	LF	300.00	19,500.00	400.00	26,000.00	425.00	27,625.00	0.00	0.00
540	SPECIAL AEP38-5"	Rigid Bridge Conduits, Per Prop Note	505.00	LF	350.00	176,750.00	275.00	138,875.00	300.00	151,500.00	0.00	0.00
544	SPECIAL AEP46	- 6 1/2" Diameter hole in bridge abutment wall,AsPerPropNote	8.00	EA	250.00	2,000.00	650.00	5,200.00	687.00	5,496.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

Agler Rd 1.52 over Alum Creek

Bid Tabulation

Project Number: 2021-13
Contract No:
Specifications:

Bid Date: Sunday, 12:00 AM	Engineer's Estimate	Complete General 1221 East Fifth Ave Columbus, OH 43219	Shelly and Sands, Inc. P.O.Box 2469 Columbus, OH 43216-2469
Engineer: Estimate: \$4,562,782.95			

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
548	SPECIAL AEP5	Expansion fittings for 5"ele Cond, AsPerPropNote	8.00	EA	200.00	1,600.00	550.00	4,400.00	580.00	4,640.00	0.00	0.00
552	SPECIAL AEP66	6 – 6 ½" Diameter hole in bridge abutment wall,AsPerPropNote	8.00	EA	250.00	2,000.00	650.00	5,200.00	690.00	5,520.00	0.00	0.00
556	SPECIAL AEP7	Expansion fittings for 5"ele Cond, AsPerPropNote	8.00	EA	200.00	1,600.00	550.00	4,400.00	580.00	4,640.00	0.00	0.00
560	SPECIAL-STUB	Plug for 5" PVC conduit, As Per Proposal Note	16.00	EA	100.00	1,600.00	225.00	3,600.00	238.00	3,808.00	0.00	0.00
564	SPEC COORD	Coordination with AEP and AEP Contractors,AsPerPropNote	1.00	LUMP	5,000.00	5,000.00	2,250.00	2,250.00	2,380.00	2,380.00	0.00	0.00
568	202E11203	Portions Of Structure Removed, Over 20 Foot Span, APP	1.00	LS	600,000.00	600,000.00	550,000.00	550,000.00	575,000.00	575,000.00	0.00	0.00
572	202E23500	Wearing Course Removed	2,918.00	SQYD	3.69	10,767.42	6.00	17,508.00	3.49	10,183.82	0.00	0.00
576	202E32800	Concrete Slope Protection Removed	396.00	SQYD	55.00	21,780.00	20.00	7,920.00	10.00	3,960.00	0.00	0.00
580	503E11101	Cofferdams And Excavation Bracing, As Per Plan	1.00	LS	30,000.00	30,000.00	200,000.00	200,000.00	900.00	900.00	0.00	0.00
584	503E21300	Unclassified Excavation	1.00	LS	10,000.00	10,000.00	52,000.00	52,000.00	46,000.00	46,000.00	0.00	0.00
588	509E10000	Epoxy Coated Reinforcing Steel	337,037.00	LB	1.80	606,666.60	1.33	448,259.21	1.50	505,555.50	0.00	0.00
592	510E10000	Dowel Holes With Nonshrink, Nonmetallic Grout	1,304.00	EA	15.44	20,133.76	16.00	20,864.00	30.00	39,120.00	0.00	0.00
596	511E34446	Class QC2 Concrete With QC/QA, Bridge Deck	1,306.00	CY	750.00	979,500.00	630.00	822,780.00	775.00	1,012,150.00	0.00	0.00
600	511E34448	Class QC2 Concrete, Bridge Deck(Parapet)	83.00	CY	520.12	43,169.96	1,200.00	99,600.00	1,230.00	102,090.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

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Engineer: Estimate: \$4,562,782.95			

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
604	511E42510	Class QC1 Concrete, Pier Cap	141.00	CY	1,550.00	218,550.00	1,600.00	225,600.00	1,740.00	245,340.00	0.00	0.00
608	511E45710	Class QC1 Concrete, Abutment	24.00	CY	542.41	13,017.84	1,650.00	39,600.00	2,000.00	48,000.00	0.00	0.00
612	511E51510	Class QC2 Concrete, Sidewalk	107.00	CY	750.00	80,250.00	560.00	59,920.00	465.00	49,755.00	0.00	0.00
616	511E53012	Class QC2 Concrete Misc.: Light Pilaster	2.00	CY	600.00	1,200.00	1,825.00	3,650.00	3,400.00	6,800.00	0.00	0.00
620	512E10050	Sealing Of Concrete Surfaces (non-epoxy)	2,090.00	SQYD	12.00	25,080.00	8.50	17,765.00	8.50	17,765.00	0.00	0.00
624	512E10300	Sealing Concrete Bridge Decks With Hmwm Resin	246.00	SQYD	28.72	7,065.12	18.00	4,428.00	18.00	4,428.00	0.00	0.00
628	512E10400	Treating Of Concrete Bridge Deck With Srs	3,255.00	SQYD	7.43	24,184.65	7.50	24,412.50	7.50	24,412.50	0.00	0.00
632	515E15051	Draped Strand Prestressed Concrete Bridge I-beam, 110' APP	14.00	EA	14,000.00	196,000.00	8,500.00	119,000.00	10,985.00	153,790.00	0.00	0.00
636	515E15051	Draped Strand Prestressed Concrete Bridge I-beam, 140' APP	14.00	EA	14,000.00	196,000.00	8,500.00	119,000.00	10,985.00	153,790.00	0.00	0.00
640	515E20000	Intermediate Diaphragms	72.00	EA	3,333.00	239,976.00	3,000.00	216,000.00	3,650.00	262,800.00	0.00	0.00
644	516E12310	SIDEWALK COVER PLATE	154.00	LB	5.00	770.00	27.00	4,158.00	43.00	6,622.00	0.00	0.00
648	516E14000	Preformed Expansion Joint Filler, Misc.:2" Polystyrene	1,387.00	SQFT	6.00	8,322.00	6.00	8,322.00	5.00	6,935.00	0.00	0.00
652	516E25000	Nylon Reinforced Neoprene Sheeting 2'-0" Wide	200.00	SQFT	11.15	2,230.00	25.00	5,000.00	18.00	3,600.00	0.00	0.00
656	516E25000	Nylon Reinforced Neoprene Sheeting 3'-0" Wide	150.00	SQFT	11.15	1,672.50	27.00	4,050.00	12.00	1,800.00	0.00	0.00
660	516E31011	2" Deep Joint Sealer, As Per Plan	156.00	FT	21.00	3,276.00	20.00	3,120.00	20.00	3,120.00	0.00	0.00
664	516E44000	Elastomeric Bearing W/	56.00	EA	400.00	22,400.00	155.00	8,680.00	320.00	17,920.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

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Engineer: Estimate: \$4,562,782.95			

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Internal Laminates & Ld, Ins Only										
668	516E10010	Armorless Preformed Joint Seal	161.00	FT	50.00	8,050.00	40.00	6,440.00	69.00	11,109.00	0.00	0.00
672	517E71500	Railing (concrete Parapet)	550.00	FT	125.00	68,750.00	160.00	88,000.00	169.00	92,950.00	0.00	0.00
676	518E21200	Porous Backfill With Geotext Fabric	65.00	CY	64.77	4,210.05	105.00	6,825.00	128.00	8,320.00	0.00	0.00
680	518E22300	Special - Steel Drip Strip	505.00	FT	10.34	5,221.70	16.00	8,080.00	14.50	7,322.50	0.00	0.00
684	518E40000	6" Perforated Corrugated Plastic Pipe	248.00	FT	8.13	2,016.24	9.00	2,232.00	8.00	1,984.00	0.00	0.00
688	518E40010	6" Non-perforated Corrugated Plastic Pipe,Including Speci	100.00	FT	7.17	717.00	17.00	1,700.00	9.00	900.00	0.00	0.00
692	519E11101	Patching Concrete Structure, As Per Plan	137.00	SQFT	120.00	16,440.00	145.00	19,865.00	125.00	17,125.00	0.00	0.00
696	526E25001	Reinforced Concrete Approach Slabs (t=15"), As Per Plan	355.00	SQYD	260.00	92,300.00	300.00	106,500.00	285.00	101,175.00	0.00	0.00
700	526E90030	Type C Installation	161.00	FT	182.38	29,363.18	200.00	32,200.00	272.00	43,792.00	0.00	0.00
704	601E20000	Crushed Aggregate Slope Protection	396.00	SQYD	22.31	8,834.76	33.00	13,068.00	60.00	23,760.00	0.00	0.00
708	607E39901	Vandal Protection Fence, 6' Straight, Coated Fabric, APP	1,095.00	FT	250.00	273,750.00	294.20	322,149.00	232.50	254,587.50	0.00	0.00
712	614E18002	Maintaining Traffic, Misc.: Alum Creek Trail, Incl Scaff	1.00	LS	25,000.00	25,000.00	9,000.00	9,000.00	35,000.00	35,000.00	0.00	0.00
716	625E33000	Structure Grounding System	1.00	EA	3,552.01	3,552.01	11,500.00	11,500.00	11,500.00	11,500.00	0.00	0.00
720	625E25500	Conduit, 3", 725.04	1,117.00	FT	18.91	21,122.47	45.00	50,265.00	49.00	54,733.00	0.00	0.00
724	847E50000	Hand Chipping	96.00	SY	101.69	9,762.24	50.00	4,800.00	100.00	9,600.00	0.00	0.00
Sub-Total:						4,521,151.50		4,294,185.71		4,600,803.82		
Group:	KK	LIGHTING										
728	625E29200	Trench, 48" Deep	55.00	FT	11.89	653.95	15.00	825.00	15.00	825.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

Agler Rd 1.52 over Alum Creek

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Engineer: Estimate: \$4,562,782.95			

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
732	625E36000	Special - Plastic Caution Ta	55.00	FT	0.76	41.80	1.00	55.00	1.00	55.00	0.00	0.00
736		Lighting, Misc.: Streetlight Lockout/Tagout (Loto) (MIS #	1.00	LS	100.00	100.00	1.00	1.00	1.00	1.00	0.00	0.00
740		Lighting, Misc.: Guidelines Inspection And Acceptance Of	1.00	LS	100.00	100.00	1.00	1.00	1.00	1.00	0.00	0.00
744	625E98200	Lighting, Misc.: Guidelines Street Lighting 'Materials F	1.00	LS	100.00	100.00	1.00	1.00	1.00	1.00	0.00	0.00
748		Lighting, Misc.: Inspection Checklist (MIS #4)	1.00	LS	100.00	100.00	1.00	1.00	1.00	1.00	0.00	0.00
752		Light Pole, Misc.: Pole, Aluminum, 40' MH (MIS-301)	3.00	EA	6,000.00	18,000.00	2,950.00	8,850.00	2,950.00	8,850.00	0.00	0.00
756		Lighting, Misc.: Underground Circuit, 2 Wire(MIS-403)	1,273.00	CKFT	3.00	3,819.00	7.00	8,911.00	7.00	8,911.00	0.00	0.00
760		Lighting, Misc.: Pole To Be Wired, 2 Wire(MIS-500)	3.00	EA	500.00	1,500.00	900.00	2,700.00	900.00	2,700.00	0.00	0.00
764		Lighting, Misc.: 2" Conduit Concrete Encased (MIS-700)	55.00	FT	15.00	825.00	60.00	3,300.00	60.00	3,300.00	0.00	0.00
768		Luminaire, Misc.: Cobra Head Led Lum. 204S (MIS-800)	3.00	EA	2,000.00	6,000.00	850.00	2,550.00	850.00	2,550.00	0.00	0.00
772		Lighting, Misc.: Existing Underground System Remov (MIS-902)	1.00	EA	1,500.00	1,500.00	3,500.00	3,500.00	3,500.00	3,500.00	0.00	0.00
776		Lighting, Misc.: Strc Lighting:Light Pole Pilaster	6.00	EA	3,000.00	18,000.00	2,500.00	15,000.00	2,500.00	15,000.00	0.00	0.00
780		Lighting, Misc.: Median Junction Box	1.00	EA	2,467.99	2,467.99	2,350.00	2,350.00	2,350.00	2,350.00	0.00	0.00
Sub-Total:						53,207.74		48,045.00		48,045.00		
Group:	LL	INCIDENTALS										
784	614E11000	Maintaining Traffic	1.00	LS	50,000.00	50,000.00	10,000.00	10,000.00	1,000.00	1,000.00	0.00	0.00

Franklin County Engineer's Office - Bridge Design

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Engineer: Estimate: \$4,562,782.95			

ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
788	615E99000	Special - Temporary Roads And Pavements	1.00	LS	8,000.00	8,000.00	8,000.00	8,000.00	118,000.00	118,000.00	0.00	0.00
792	619E16010	Field Office, Type B	12.00	MO	2,900.00	34,800.00	2,000.00	24,000.00	2,785.00	33,420.00	0.00	0.00
796	624E10000	Mobilization	1.00	LS	275,000.00	275,000.00	200,000.00	200,000.00	200,000.00	200,000.00	0.00	0.00
800	623E10000	Construction Layout Stakes And Surveying	1.00	LS	25,000.00	25,000.00	15,000.00	15,000.00	78,000.00	78,000.00	0.00	0.00
804	625E25500	Conduit, 3", 725.04, APPN	559.00	FT	18.91	10,570.69	49.00	27,391.00	49.00	27,391.00	0.00	0.00
808	625E25920	Conduit, Msc.: Encsd Intrcnn Cndt Bnk, 1-3", TC- 2, Sch40, APPN	56.00	FT	150.00	8,400.00	72.50	4,060.00	72.50	4,060.00	0.00	0.00
812	625E29001	Trench, APPN	56.00	FT	6.00	336.00	15.00	840.00	15.00	840.00	0.00	0.00
816	625E31600	Pull Box, Misc.:COC 4022, Pull Box 32", APPN*	2.00	EA	1,300.00	2,600.00	2,300.00	4,600.00	2,300.00	4,600.00	0.00	0.00
820	SPECIAL-030	Hydro-Excavating Utility Exposure, As Per Proposal Note	15.00	EA	450.00	6,750.00	1,800.00	27,000.00	1,250.00	18,750.00	0.00	0.00
824	SPECIAL-031	Asphalt, Fuel, & Steel Price Adjustment Allowance, As Per PN	10,000.00	DOLL	1.00	10,000.00	1.00	10,000.00	1.00	10,000.00	0.00	0.00
828	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00	LS	5,000.00	5,000.00	35,000.00	35,000.00	35,000.00	35,000.00	0.00	0.00
832	SPECIAL-034	Incentive Allowance, As Per Proposal Note	30.00	EA	5,000.00	150,000.00	5,000.00	150,000.00	5,000.00	150,000.00	0.00	0.00
836	SPECIAL-032	Contingency, As Per Proposal Note	450,000.00	DOLL	1.00	450,000.00	1.00	450,000.00	1.00	450,000.00	0.00	0.00
Sub-Total:						1,036,456.69		965,891.00		1,131,061.00		
Grand Total:						6,665,759.58		6,553,627.19		6,986,988.56		

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
		Total Bid:				6,665,759.58		6,553,627.19		6,986,988.56		
		Total Alternate Package:										
		Total Award:				6,665,759.58		6,553,627.19		6,986,988.56		
		Calc/Entered Bid Diff.:						6,553,627.19		6,986,988.56		
		Difference from Low Vendor:								433,361.37		
		Total Subcontractors:										

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Bid Statistics

ITEM	STD. ITEM	DESCRIPTION	QUANTITY UNIT	Low	High	Avg
Group: A ROADWAY						
100	201E11000	Clearing And Grubbing	1.00 LS	20,000.00	24,500.00	22,250.00
104	202E75000	Fence Removed	647.00 FT	3.00	3.50	3.25
108	202E30000	Walk Removed	3,725.00 SQFT	0.60	2.10	1.35
112	202E32500	Curb And Gutter Removed	889.00 FT	5.00	8.00	6.50
116	202E23000	Pavement Removed	1,119.00 SQYD	12.00	19.00	15.50
120	202E58300	Catch Basin Or Inlet Removed	3.00 EA	240.00	630.00	435.00
124	202E38000	Guardrail Removed	753.00 FT	2.00	2.50	2.25
128	202E35100	Pipe Removed, 24" And Under	121.00 FT	13.00	27.00	20.00
132	202E22900	Approach Slab Removed	289.00 SQYD	18.00	42.00	30.00
136	203E10000	Excavation	1,227.00 CY	15.00	18.00	16.50
140	203E20000	Embankment	1,588.00 CY	19.00	20.00	19.50
144	204E45001	Proof Rolling, As Per Plan	8.00 HR	115.00	185.00	150.00
148	204E13001	Excavation Of Subgrade, As Per Plan	62.00 CY	22.00	35.00	28.50
152	204E50001	Geotextile Fabric, As Per PI	94.00 SQYD	4.50	5.00	4.75
156	204E20003	Embankment, Using #2 Stone, As Per Plan	31.00 CY	60.00	63.00	61.50
160	204E20002	Embankment, Using Item 304, As Per Plan	31.00 CY	60.00	60.00	60.00
164	204E51001	Geogrid For Subbase Stabilization, As Per Plan	94.00 SQYD	4.00	5.00	4.50
168	606E15050	Guardrail, Type MGS	87.50 FT	23.00	26.40	24.70
172	606E26500	Anchor Assembly, Type T	2.00 EA	1,250.00	1,420.00	1,335.00
176	606E26150	Anchor Assembly, MGS Type E	1.00 EA	2,650.00	3,325.00	2,987.50
180	606E35002	MGS Bridge Terminal	2.00 EA	2,450.00	2,880.00	2,665.00

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ITEM	STD. ITEM	DESCRIPTION	QUANTITY UNIT	Low	High	Avg
		Assembly, Type 1				
184	606E35100	Bridge Terminal Assembly, Type 2	2.00 EA	500.00	627.00	563.50
188	607E98000	Fence, Misc.: Wood Fence	663.00 FT	48.00	53.00	50.50
192	607E23001	Fence, Type Clt, As Per Plan	248.00 FT	44.50	48.00	46.25
196	608E10001	4" Concrete Walk, As Per Pla	1,427.00 SQFT	7.00	8.00	7.50
200	608E52000	Curb Ramp	110.00 SQFT	16.00	27.00	21.50
204	608E53020	Detectable Warning	20.00 SQFT	33.00	95.00	64.00
208	609E11500	Combination Curb And Gutter, Type Special 8" (COC)	834.00 FT	40.00	41.00	40.50
212	625E31600	Pull Box, Misc.: Traffic Pul Box Adjusted To Grade	2.00 EA	1,250.00	1,250.00	1,250.00
216	661E40100	Deciduous Tree, 2-1/2" Calip	53.00 EA	690.00	717.00	703.50
Group:	BB	PAVEMENT				
220	204E10000	Subgrade Compaction	1,764.00 SQYD	3.00	5.00	4.00
224	254E01000	1.5" Pavement Planing, Asphalt Concrete	3,638.00 SQYD	7.20	7.20	7.20
228	304E20000	304 Aggregate Base	312.00 CY	66.00	95.00	80.50
232	305E12010	8" Concrete Base, Class QC1	577.00 SY	95.00	98.00	96.50
236	407E20000	Non-Tracking Tack Coat	329.00 GAL	3.25	3.25	3.25
240	441E50000	Asphalt Concrete Surface Course, Type1, (448), PG64- 22	178.00 CY	225.00	225.00	225.00
244	441E50300	Asphalt Concrete Intermediat Course, Type2, (448)	30.00 CY	300.00	300.00	300.00
248		SUP Asphalt Concrete Surface Course, Type1, (448), PG64- 22	54.00 CY	240.00	240.00	240.00

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252		SUP Asphalt Concrete Intermediate Course, Type2, (448)	54.00	CY	230.00	230.00	230.00
Group: CC MAINTENANCE OF TRAFFIC							
256	410E12000	Traffic Compacted Surface, Type A Or B	100.00	CY	65.00	65.00	65.00
260	607E23001	Fence, Type Clt, As Per Plan (Temp Construction Fence)	500.00	FT	15.00	29.60	22.30
264	614E13000	Asphalt Concrete For Maintaining Traffic	50.00	CY	220.00	250.00	235.00
268	614E11111	Law Enforcement Officer With Patrol Car For Assistance, A	180.00	HR	68.00	80.00	74.00
272	614E18601	Portable Changeable Message Sign, As Per Plan	40.00	SNMT	650.00	700.00	675.00
276	614E12420	Detour Signing	1.00	LS	19,500.00	20,000.00	19,750.00
280	614E11500	Worksite Traffic Supervisor	12.00	MO	2,000.00	4,300.00	3,150.00
284	622E41000	Portable Barrier, 32"	144.00	FT	20.00	22.00	21.00
Group: DD EROSION CONTROL							
288	653E10001	Topsoil Furnished And Placed As Per Plan (4")	145.00	CY	40.00	51.00	45.50
292	659E98000	Seeding, Misc.: Temp Seeding And Mulching	1,306.00	SQYD	1.96	2.00	1.98
296	659E10001	Seeding And Mulching, As Per Plan	1,306.00	SQYD	2.90	4.75	3.83
300	659E35000	Water	100.00	MGAL	1.00	1.00	1.00
304	832E30000	Erosion Control	50,000.00	EA	1.00	1.00	1.00
308	832E15000	Storm Water Pollution Prevention Plan	1.00	LS	1,700.00	1,750.00	1,725.00

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312	832E15002	Storm Water Pollution Prevention Inspections	1.00	LS	4,900.00	11,000.00	7,950.00
316	832E15010	Storm Water Pollution Prevention Inspections Software	1.00	LS	11,837.00	11,900.00	11,868.50
Group: EE DRAINAGE							
320	601E45040	Infiltration Trench Filter	60.00	CY	120.00	127.00	123.50
324	605E06000	4" Base Pipe Underdrains	834.00	FT	14.00	15.00	14.50
328	611E99574	Manhole, No. 3	1.00	EA	5,100.00	5,800.00	5,450.00
332	611E98450	Catch Basin, 2-2A	1.00	EA	2,500.00	2,800.00	2,650.00
336	611E98150	Catch Basin, No. 3	2.00	EA	2,700.00	4,500.00	3,600.00
340	611E98180	Catch Basin, No. 3A	1.00	EA	3,200.00	7,000.00	5,100.00
344	611E99575	Manhole, No. 3, As Per Plan	1.00	EA	3,432.00	5,200.00	4,316.00
348	611E00101	4" Conduit, Type B, As Per Plan	50.00	FT	25.00	26.00	25.50
352	611E00901	6" Conduit, Type B, As Per Plan	50.00	FT	30.00	33.00	31.50
356	611E01801	8" Conduit, Type B, As Per Plan	50.00	FT	40.00	41.00	40.50
360	611E00201	4" Conduit, Type C, As Per Plan	50.00	FT	22.00	29.00	25.50
364	611E01101	6" Conduit, Type C, As Per Plan	50.00	FT	29.00	30.00	29.50
368	611E02001	8" Conduit, Type C, Schedule 40 PVC, As Per Plan	50.00	FT	37.00	42.00	39.50
372	611E99720	Inspection Well	2.00	EA	1,100.00	1,300.00	1,200.00
376	611E04400	12" Conduit, Type B	260.00	FT	80.00	95.00	87.50

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380	611E13400	30" Conduit, Type B, (706.02 Or 707.65)	264.00	FT	189.00	200.00	194.50
Group: FF TRAFFIC CONTROL							
384	621E54000	Raised Pavement Marker Removed	61.00	EA	8.00	23.00	15.50
388	621E00100	RPM	58.00	EA	64.00	70.00	67.00
392	630E80100	Sign, Flat Sheet	44.75	SQFT	20.00	31.40	25.70
396	630E03100	Ground Mounted Support, No. 3 Post	65.25	FT	15.00	15.40	15.20
400	630E84900	Removal Of Ground Mounted Sign And Disposal	4.00	EA	15.00	15.00	15.00
404	630E86002	Removal Of Ground Mounted Post Support And Disposal	4.00	EA	20.00	20.00	20.00
408	630E97700	Signing, Misc.: COG Double Sided Sign Panel Type 3A	2.00	EA	1,500.00	1,680.00	1,590.00
412	630E97700	Signing, Misc.: COG Double Sided Sign Panel Type 3B	1.00	EA	1,500.00	1,740.00	1,620.00
416	630E97700	Signing, Misc.: COG Double Sided Sign Panel Type 3C	1.00	EA	1,550.00	1,825.00	1,687.50
420	630E85100	Removal Of Ground Mounted Sign And Reerection	3.00	EA	50.00	75.00	62.50
424	644E50400	Pavement Marking, Misc.: Lane Line, 5"	0.20	MILE	2,514.00	2,514.00	2,514.00
428	644E50400	Pavement Marking, Misc.: Center Line, 5"	0.18	MILE	8,361.00	8,361.00	8,361.00
432	644E00400	Channelizing Line, 10"	278.00	FT	1.90	1.90	1.90
436	644E01120	School Symbol Marking, 120"	1.00	EA	750.00	750.00	750.00
440	644E00500-20	Stop Line, 20"	38.00	FT	7.90	7.90	7.90

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444	644E00700	Transverse/diagonal Line - 2	30.00	FT	7.90	7.90	7.90
448	644E01350	Lane Reduction Arrow, 72"	1.00	EA	195.00	195.00	195.00
452	644E01300	Lane Arrow, 72"	6.00	EA	98.00	98.00	98.00
456	644E01510	Dotted Line, 5"	140.00	FT	2.00	2.00	2.00
460	644E01400	Word On Pavement, 72" - ONLY	1.00	EA	135.00	135.00	135.00
464	644E01400	Word On Pavement, 72" - MERGE	1.00	EA	189.00	199.00	194.00
468	644E19000	Shared Lane Marking	1.00	EA	355.00	375.00	365.00
472	644E00600-10	Crosswalk Line, 10"	141.00	FT	3.90	4.00	3.95
476	645E90000	Lane Line, 5", Grooved, With Contrast	0.21	MILE	26,877.00	26,877.00	26,877.00
480	645E90000	Yellow Center Line, 5" Doubl Solid, Grooved, With Contras	0.11	MILE	82,158.00	82,158.00	82,158.00
484	645E90000	Pavement Marking,Misc. Edge Line, 5", Grooved, With Contrast	0.13	MILE	47,800.00	50,000.00	48,900.00
488	647E20000	Crosswalk Line, Type II, 24" White	280.00	FT	16.00	17.00	16.50
Group: GG TRAFFIC SIGNALS							
492	632E90400	Signalization, Misc.: Vehicu Detection Adjustment	1.00	EA	1,500.00	1,600.00	1,550.00
Group: HH RETAINING WALL							
496	503E21300	Unclassified Excavation	1.00	LS	12,000.00	80,000.00	46,000.00
500	518E21200	Porous Backfill With Geotext Fabric	56.00	CY	112.00	179.00	145.50
504	518E40000	6" Perforated Corrugated Plastic Pipe	375.00	FT	4.00	8.00	6.00

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508	518E40010	6" Non-perforated Corrugated Plastic Pipe,Including Speci	24.00 FT	18.00	38.00	28.00
512	601E21050	Tied Concrete Block Mat, Typ 1	131.00 SQYD	58.25	72.00	65.13
516	607E39900	Special - Vandal Protection Fence, 6' Straight,Coated Fabric	375.00 FT	123.40	135.00	129.20
520	610E50010	Special - Retaining Wall, Misc.: Modular Block Wall, APP	4,173.00 SQFT	46.00	48.00	47.00
524	840E23000	Select Granular Backfill	764.00 CY	66.00	92.25	79.13
Group: II STRUCTURES						
528	107E99000	Special - Utility Coordinati	1.00 LS	300,000.00	377,000.00	338,500.00
532	SPECIAL AEP18-5"	Schedule 40 PVC ducts encased in concrete,AsPerPropNote	100.00 LF	400.00	425.00	412.50
536	SPECIAL AEP28-5"	Schedule 40 PVC ducts encased in concrete,AsPerPropNote	65.00 LF	400.00	425.00	412.50
540	SPECIAL AEP38-5"	Rigid Bridge Conduits, Per Prop Note	505.00 LF	275.00	300.00	287.50
544	SPECIAL AEP46	- 6 1/2" Diameter hole in bridge abutment wall,AsPerPropNote	8.00 EA	650.00	687.00	668.50
548	SPECIAL AEP5	Expansion fittings for 5"ele Cond, AsPerPropNote	8.00 EA	550.00	580.00	565.00
552	SPECIAL AEP66	- 6 1/2" Diameter hole in bridge abutment wall,AsPerPropNote	8.00 EA	650.00	690.00	670.00

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556	SPECIAL AEP7	Expansion fittings for 5" ele Cond, AsPerPropNote	8.00 EA	550.00	580.00	565.00
560	SPECIAL-STUB	Plug for 5" PVC conduit, As Per Proposal Note	16.00 EA	225.00	238.00	231.50
564	SPEC COORD	Coordination with AEP and AEP Contractors,AsPerPropNote	1.00 LUMP	2,250.00	2,380.00	2,315.00
568	202E11203	Portions Of Structure Removed, Over 20 Foot Span, APP	1.00 LS	550,000.00	575,000.00	562,500.00
572	202E23500	Wearing Course Removed	2,918.00 SQYD	3.49	6.00	4.75
576	202E32800	Concrete Slope Protection Removed	396.00 SQYD	10.00	20.00	15.00
580	503E11101	Cofferdams And Excavation Bracing, As Per Plan	1.00 LS	900.00	200,000.00	100,450.00
584	503E21300	Unclassified Excavation	1.00 LS	46,000.00	52,000.00	49,000.00
588	509E10000	Epoxy Coated Reinforcing Steel	337,037.00 LB	1.33	1.50	1.42
592	510E10000	Dowel Holes With Nonshrink, Nonmetallic Grout	1,304.00 EA	16.00	30.00	23.00
596	511E34446	Class QC2 Concrete With QC/QA, Bridge Deck	1,306.00 CY	630.00	775.00	702.50
600	511E34448	Class QC2 Concrete, Bridge Deck(Parapet)	83.00 CY	1,200.00	1,230.00	1,215.00
604	511E42510	Class QC1 Concrete, Pier Cap	141.00 CY	1,600.00	1,740.00	1,670.00
608	511E45710	Class QC1 Concrete, Abutment	24.00 CY	1,650.00	2,000.00	1,825.00
612	511E51510	Class QC2 Concrete, Sidewalk	107.00 CY	465.00	560.00	512.50

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616	511E53012	Class QC2 Concrete Misc.: Light Pilaster	2.00	CY	1,825.00	3,400.00	2,612.50
620	512E10050	Sealing Of Concrete Surfaces (non-epoxy)	2,090.00	SQYD	8.50	8.50	8.50
624	512E10300	Sealing Concrete Bridge Decks With Hmwm Resin	246.00	SQYD	18.00	18.00	18.00
628	512E10400	Treating Of Concrete Bridge Deck With Srs	3,255.00	SQYD	7.50	7.50	7.50
632	515E15051	Draped Strand Prestressed Concrete Bridge I-beam, 110' APP	14.00	EA	8,500.00	10,985.00	9,742.50
636	515E15051	Draped Strand Prestressed Concrete Bridge I-beam, 140' APP	14.00	EA	8,500.00	10,985.00	9,742.50
640	515E20000	Intermediate Diaphragms	72.00	EA	3,000.00	3,650.00	3,325.00
644	516E12310	SIDEWALK COVER PLATE	154.00	LB	27.00	43.00	35.00
648	516E14000	Preformed Expansion Joint Filler, Misc.:2" Polystyrene	1,387.00	SQFT	5.00	6.00	5.50
652	516E25000	Nylon Reinforced Neoprene Sheeting 2'-0" Wide	200.00	SQFT	18.00	25.00	21.50
656	516E25000	Nylon Reinforced Neoprene Sheeting 3'-0" Wide	150.00	SQFT	12.00	27.00	19.50
660	516E31011	2" Deep Joint Sealer, As Per Plan	156.00	FT	20.00	20.00	20.00
664	516E44000	Elastomeric Bearing W/ Internal Laminates & Ld, Ins Only	56.00	EA	155.00	320.00	237.50
668	516E10010	Armorless Preformed Joint Seal	161.00	FT	40.00	69.00	54.50

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672	517E71500	Railing (concrete Parapet)	550.00 FT	160.00	169.00	164.50
676	518E21200	Porous Backfill With Geotext Fabric	65.00 CY	105.00	128.00	116.50
680	518E22300	Special - Steel Drip Strip	505.00 FT	14.50	16.00	15.25
684	518E40000	6" Perforated Corrugated Plastic Pipe	248.00 FT	8.00	9.00	8.50
688	518E40010	6" Non-perforated Corrugated Plastic Pipe,Including Speci	100.00 FT	9.00	17.00	13.00
692	519E11101	Patching Concrete Structure, As Per Plan	137.00 SQFT	125.00	145.00	135.00
696	526E25001	Reinforced Concrete Approach Slabs (t=15"), As Per Plan	355.00 SQYD	285.00	300.00	292.50
700	526E90030	Type C Installation	161.00 FT	200.00	272.00	236.00
704	601E20000	Crushed Aggregate Slope Protection	396.00 SQYD	33.00	60.00	46.50
708	607E39901	Vandal Protection Fence, 6' Straight, Coated Fabric, APP	1,095.00 FT	232.50	294.20	263.35
712	614E18002	Maintaining Traffic, Misc.: Alum Creek Trail, Incl Scaff	1.00 LS	9,000.00	35,000.00	22,000.00
716	625E33000	Structure Grounding System	1.00 EA	11,500.00	11,500.00	11,500.00
720	625E25500	Conduit, 3", 725.04	1,117.00 FT	45.00	49.00	47.00
724	847E50000	Hand Chipping	96.00 SY	50.00	100.00	75.00
Group:	KK	LIGHTING				
728	625E29200	Trench, 48" Deep	55.00 FT	15.00	15.00	15.00
732	625E36000	Special - Plastic Caution Ta	55.00 FT	1.00	1.00	1.00
736		Lighting, Misc.: Streetlight Lockout/Tagout (Loto) (MIS #	1.00 LS	1.00	1.00	1.00

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740		Lighting, Misc.: Guidelines Inspection And Acceptance Of	1.00	LS	1.00	1.00	1.00
744	625E98200	Lighting, Misc.: Guidelines Street Lighting 'Materials F	1.00	LS	1.00	1.00	1.00
748		Lighting, Misc.: Inspection Checklist (MIS #4)	1.00	LS	1.00	1.00	1.00
752		Light Pole, Misc.: Pole, Aluminum, 40' MH (MIS-301)	3.00	EA	2,950.00	2,950.00	2,950.00
756		Lighting, Misc.: Underground Circuit, 2 Wire(MIS-403)	1,273.00	CKFT	7.00	7.00	7.00
760		Lighting, Misc.: Pole To Be Wired, 2 Wire(MIS-500)	3.00	EA	900.00	900.00	900.00
764		Lighting, Misc.: 2" Conduit Concrete Encased (MIS-700)	55.00	FT	60.00	60.00	60.00
768		Luminaire, Misc.: Cobra Head Led Lum. 204S (MIS-800)	3.00	EA	850.00	850.00	850.00
772		Lighting, Misc.: Existing Underground System Remov (MIS-902)	1.00	EA	3,500.00	3,500.00	3,500.00
776		Lighting, Misc.: Strc Lighting:Light Pole Pilaster	6.00	EA	2,500.00	2,500.00	2,500.00
780		Lighting, Misc.: Median Junction Box	1.00	EA	2,350.00	2,350.00	2,350.00
Group: LL INCIDENTALS							
784	614E11000	Maintaining Traffic	1.00	LS	1,000.00	10,000.00	5,500.00
788	615E99000	Special - Temporary Roads And Pavements	1.00	LS	8,000.00	118,000.00	63,000.00
792	619E16010	Field Office, Type B	12.00	MO	2,000.00	2,785.00	2,392.50

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796	624E10000	Mobilization	1.00 LS	200,000.00	200,000.00	200,000.00
800	623E10000	Construction Layout Stakes And Surveying	1.00 LS	15,000.00	78,000.00	46,500.00
804	625E25500	Conduit, 3", 725.04, APPN	559.00 FT	49.00	49.00	49.00
808	625E25920	Conduit, Msc.: Encsd Intrcnn Cndt Bnk,1-3",TC- 2,Sch40,APPN	56.00 FT	72.50	72.50	72.50
812	625E29001	Trench, APPN	56.00 FT	15.00	15.00	15.00
816	625E31600	Pull Box, Misc.:COC 4022, Pull Box 32", APPN*	2.00 EA	2,300.00	2,300.00	2,300.00
820	SPECIAL-030	Hydro-Excavating Utility Exposure, As Per Proposal Note	15.00 EA	1,250.00	1,800.00	1,525.00
824	SPECIAL-031	Asphalt, Fuel, & Steel Price Adjustment Allowance, As Per PN	10,000.00 DOLL	1.00	1.00	1.00
828	103E99000	Special - Premium For Contract Performance Bond, Payment	1.00 LS	35,000.00	35,000.00	35,000.00
832	SPECIAL-034	Incentive Allowance, As Per Proposal Note	30.00 EA	5,000.00	5,000.00	5,000.00
836	SPECIAL-032	Contingency, As Per Proposal Note	450,000.00 DOLL	1.00	1.00	1.00
Grand Total:				1,513,699.48	2,134,561.25	1,824,130.39