

CLA - BECHTLE-0.57, PID# 99563

BIDS RECEIVED ON: August 31, 2018

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ENGINEER'S ESTIMATE	Eagle Bridge Co. 800 S. Vandemark Rd, PO Box 59 Sidney, OH 45365 Phone (937) 492-5654 Fax (937) 492-3759 eaglebridge@eaglebridge.net	Sunesis Construction Co. 2610 Crescentville Rd. West Chester, OH 45069 Phone (513) 326-6000 Fax (513) 326-601 jshaw@sunesiscc.com	Brumbaugh Construction, Inc. 3520 St. Rt. 49, PO Box 309 Arcanum, OH 45304 Phone (937) 692-5107 Fzx (937) 692-5678 dan@brumbaughconstruction.com
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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
ROADWAY											
201	Clearing and Grubbing	1	LS	\$2,500.00	\$2,500.00	\$3,500.00	\$3,500.00	\$3,643.12	\$3,643.12	\$5,000.00	\$5,000.00
202	<i>Pavement Removed</i>	470	<i>SY</i>	\$12.50	\$5,875.00	\$15.00	\$7,050.00	\$16.74	\$7,867.80	\$9.00	\$4,230.00
202	Walk Removed	1,276	SF	\$3.75	\$4,785.00	\$2.00	\$2,552.00	\$1.06	\$1,352.56	\$1.00	\$1,276.00
202	Curb and Gutter Removed	237	FT	\$12.00	\$2,844.00	\$7.00	\$1,659.00	\$4.80	\$1,137.60	\$3.00	\$711.00
202	Concrete Slope Protection Removed	233	SY	\$30.00	\$6,990.00	\$22.00	\$5,126.00	\$12.87	\$2,998.71	\$6.00	\$1,398.00
202	Pipe Removed, 24" and Under	22	FT	\$20.00	\$440.00	\$22.00	\$484.00	\$17.10	\$376.20	\$10.00	\$220.00
202	Guardrail Removed	263	FT	\$3.00	\$789.00	\$4.00	\$1,052.00	\$3.89	\$1,023.07	\$6.00	\$1,578.00
202	Catch Basin Removed	1	EA	\$400.00	\$400.00	\$150.00	\$150.00	\$322.81	\$322.81	\$404.25	\$404.25
203	Excavation	726	CY	\$15.00	\$10,890.00	\$20.00	\$14,520.00	\$49.59	\$36,002.34	\$19.00	\$13,794.00
203	Embankment	201	CY	\$17.50	\$3,517.50	\$25.00	\$5,025.00	\$21.46	\$4,313.46	\$19.00	\$3,819.00
203	Granular Material, Type B	411	CY	\$45.00	\$18,495.00	\$46.00	\$18,906.00	\$63.48	\$26,090.28	\$60.00	\$24,660.00
203	Granular Material, Type E (No. 2 Stone)	199	CY	\$40.00	\$7,960.00	\$46.00	\$9,154.00	\$80.69	\$16,057.31	\$49.00	\$9,751.00
204	Subgrade Compaction	892	SY	\$3.00	\$2,676.00	\$9.00	\$8,028.00	\$5.40	\$4,816.80	\$3.00	\$2,676.00
606	Guardrail, Type MGS	37.5	FT	\$18.00	\$675.00	\$22.40	\$840.00	\$24.00	\$900.00	\$38.00	\$1,425.00
606	Anchor Assembly, MGS Type E	1	EA	\$1,950.00	\$1,950.00	\$2,185.00	\$2,185.00	\$2,700.00	\$2,700.00	\$2,800.00	\$2,800.00
606	Anchor Assembly, MGS Type T	2	EA	\$800.00	\$1,600.00	\$875.00	\$1,750.00	\$960.00	\$1,920.00	\$1,112.00	\$2,224.00
606	MGS Bridge Terminal Assembly, Type 1	3	EA	\$2,000.00	\$6,000.00	\$2,125.00	\$6,375.00	\$2,810.00	\$8,430.00	\$2,390.00	\$7,170.00
*608	4" Concrete Walk	788	SF	\$5.00	\$3,940.00	\$9.00	\$7,092.00	\$11.21	\$8,833.48	\$8.00	\$6,304.00
*608	6" Concrete Walk	121	SF	\$8.00	\$968.00	\$11.00	\$1,331.00	\$12.59	\$1,523.39	\$10.00	\$1,210.00
*608	Curb Ramp, As Per Plan	2	EA	\$500.00	\$1,000.00	\$300.00	\$600.00	\$644.27	\$1,288.54	\$900.00	\$1,800.00
EROSION CONTROL											
601	Crushed Aggregate Slope Protection	262	SY	\$27.50	\$7,205.00	\$26.00	\$6,812.00	\$26.03	\$6,819.86	\$19.00	\$4,978.00
659	Topsoil	98	CY	\$75.00	\$7,350.00	\$10.00	\$980.00	\$38.20	\$3,743.60	\$45.00	\$4,410.00
659	Seeding and Mulching	882	SY	\$5.00	\$4,410.00	\$7.00	\$6,174.00	\$4.92	\$4,339.44	\$2.750	\$2,425.50
659	Repair Seeding and Mulching	44	SY	\$2.25	\$99.00	\$1.50	\$66.00	\$4.00	\$176.00	\$0.25	\$11.00
659	Commercial Fertilizer	0.04	TON	\$1,000.00	\$40.00	\$1,250.00	\$50.00	\$1,500.00	\$60.00	\$900.00	\$36.00
659	Water	5	MGAL	\$2.00	\$10.00	\$10.00	\$50.00	\$100.00	\$500.00	\$25.00	\$125.00
832	Erosion Control	5,000	EA	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
DRAINAGE											
*803	12" Conduit, Type B	22	FT	\$82.00	\$1,804.00	\$110.00	\$2,420.00	\$123.61	\$2,719.42	\$65.00	\$1,430.00
*804	Catch Basin, No. 1, Remove and Reset	1	EA	\$2,000.00	\$2,000.00	\$2,250.00	\$2,250.00	\$3,428.36	\$3,428.36	\$905.00	\$905.00
*804	Catch Basin, No. 1, As Per Plan	1	EA	\$3,000.00	\$3,000.00	\$3,250.00	\$3,250.00	\$3,492.27	\$3,492.27	\$3,900.00	\$3,900.00
PAVEMENT											
254	Pavement Planing, Asphalt Concrete (1.5" Depth)	302	SY	\$2.50	\$755.00	\$18.00	\$5,436.00	\$19.56	\$5,907.12	\$18.00	\$5,436.00
301	Asphalt Concrete Base, PG64-22	112	CY	\$180.00	\$20,160.00	\$230.00	\$25,760.00	\$230.00	\$25,760.00	\$245.00	\$27,440.00
304	Aggregate Base	147	CY	\$65.00	\$9,555.00	\$90.00	\$13,230.00	\$75.54	\$11,104.38	\$53.00	\$7,791.00
407	Tack Coat	54	GAL	\$2.75	\$148.50	\$2.50	\$135.00	\$2.50	\$135.00	\$10.00	\$540.00
441	Asphalt Concrete Surface, Course, Type 1, (448), PG64-22	34	CY	\$375.00	\$12,750.00	\$370.00	\$12,580.00	\$370.00	\$12,580.00	\$267.00	\$9,078.00
441	Asphalt Concrete Intermediate Course, Type 1, (448)	21	CY	\$350.00	\$7,350.00	\$300.00	\$6,300.00	\$300.00	\$6,300.00	\$267.00	\$5,607.00
*609	Curb, Type A, Straight	190	FT	\$33.00	\$6,270.00	\$25.00	\$4,750.00	\$38.09	\$7,237.10	\$40.00	\$7,600.00
*609	Curb, Type A, Radius	50	FT	\$33.00	\$1,650.00	\$25.00	\$1,250.00	\$39.06	\$1,953.00	\$40.00	\$2,000.00
TRAFFIC CONTROL											
626	Barrier Reflector, Type 2, (Bi-Directional)	6	EA	\$8.25	\$49.50	\$6.50	\$39.00	\$8.00	\$48.00	\$9.00	\$54.00
630	Ground Mounted Support, No. 3 Post	70.5	FT	\$10.00	\$705.00	\$10.50	\$740.25	\$10.50	\$740.25	\$12.00	\$846.00
630	Sign Post Reflector	2	EA	\$47.50	\$95.00	\$45.00	\$90.00	\$45.00	\$90.00	\$100.00	\$200.00
630	Sign, Flat Sheet (Type J Sheeting)	73	SF	\$20.00	\$1,460.00	\$16.50	\$1,204.50	\$16.50	\$1,204.50	\$18.00	\$1,314.00
630	Removal of Ground Mounted Sign and Disposal	6	EA	\$35.00	\$210.00	\$15.00	\$90.00	\$15.00	\$90.00	\$7.00	\$42.00
630	Removal of Ground Mounted Post Support and Disposal	5	EA	\$15.00	\$75.00	\$20.00	\$100.00	\$20.00	\$100.00	\$6.00	\$30.00
644	Lane Line, 4"	0.31	MILE	\$2,600.00	\$806.00	\$3,500.00	\$1,085.00	\$5,715.00	\$1,771.65	\$6,350.00	\$1,968.50
644	Center Line	0.13	MILE	\$8,000.00	\$1,040.00	\$15,953.00	\$2,073.89	\$8,590.00	\$1,116.70	\$9,550.00	\$1,241.50
644	Channelizing Line, 8"	52	FT	\$3.00	\$156.00	\$4.50	\$234.00	\$2.05	\$106.60	\$2.25	\$117.00
644	Transverse/Diagonal Line	37	FT	\$6.00	\$222.00	\$15.00	\$555.00	\$5.40	\$199.80	\$6.00	\$222.00
644	Lane Arrow	5	EA	\$110.00	\$550.00	\$150.00	\$750.00	\$125.00	\$625.00	\$139.00	\$695.00

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
TRAFFIC CONTROL cont.											
645	Lane Line, 4", Type A	0.14	MILE	\$6,000.00	\$840.00	\$15,821.00	\$2,214.94	\$48,105.00	\$6,734.70	\$53,500.00	\$7,490.00
645	Center Line, Type A	0.15	MILE	\$37,500.00	\$5,625.00	\$44,306.00	\$6,645.90	\$65,685.00	\$9,852.75	\$73,000.00	\$10,950.00
645	Channelizing Line, 8", Type A	42	FT	\$10.00	\$420.00	\$30.00	\$1,260.00	\$15.00	\$630.00	\$16.50	\$693.00
645	Transverse/Diagonal Line, Type A	148	FT	\$22.00	\$3,256.00	\$34.60	\$5,120.80	\$20.25	\$2,997.00	\$22.50	\$3,330.00
645	Railroad Symbol Marking, Type A	1	EA	\$1,500.00	\$1,500.00	\$3,735.00	\$3,735.00	\$5,500.00	\$5,500.00	\$6,115.00	\$6,115.00
645	Lane Arrow, Type A	1	EA	\$300.00	\$300.00	\$867.00	\$867.00	\$500.00	\$500.00	\$555.00	\$555.00
STRUCTURES (OVER 20' SPAN)											
202	Portions of Structure Removed, Over 20 Foot Span, As Per Plan	1	LS	\$225,000.00	\$225,000.00	\$140,000.00	\$140,000.00	\$114,688.81	\$114,688.81	\$175,000.00	\$175,000.00
202	Approach Slab Removed	267	SY	\$36.00	\$9,612.00	\$35.00	\$9,345.00	\$41.49	\$11,077.83	\$32.00	\$8,544.00
202	Wearing Course Removed	970	SY	\$8.00	\$7,760.00	\$6.00	\$5,820.00	\$4.57	\$4,432.90	\$4.50	\$4,365.00
503	Cofferdams and Excavation Bracing	1	LS	\$20,000.00	\$20,000.00	\$25,000.00	\$25,000.00	\$23,012.14	\$23,012.14	\$35,000.00	\$35,000.00
503	Unclassified Excavation	1	LS	\$12,000.00	\$12,000.00	\$25,000.00	\$25,000.00	\$12,932.51	\$12,932.51	\$13,900.00	\$13,900.00
505	Pile Driving Equipment Mobilization	1	LS	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$14,891.14	\$14,891.14	\$18,000.00	\$18,000.00
507	Steel Piles HP12x53, Furnished	300	FT	\$30.00	\$9,000.00	\$50.00	\$15,000.00	\$36.51	\$10,953.00	\$35.00	\$10,500.00
507	Steel Piles HP12x53, Driven	170	FT	\$38.00	\$6,460.00	\$7.00	\$1,190.00	\$40.96	\$6,963.20	\$10.00	\$1,700.00
507	Prebored Holes, As Per Plan	100	FT	\$50.00	\$5,000.00	\$140.00	\$14,000.00	\$238.46	\$23,846.00	\$210.00	\$21,000.00
507	Steel Points or Shoes	4	EA	\$90.00	\$360.00	\$100.00	\$400.00	\$124.99	\$499.96	\$102.00	\$408.00
509	Epoxy Coated Reinforcing Steel	184,126	LB	\$1.00	\$184,126.00	\$0.90	\$165,713.40	\$1.04	\$191,491.04	\$0.95	\$174,919.70
509	Epoxy Coated Reinforcing Steel, As Per Plan	418	LB	\$1.00	\$418.00	\$0.90	\$376.20	\$1.19	\$497.42	\$3.00	\$1,254.00
509	Reinforcing Steel, Replacement of Existing Reinforcing Steel, As Per Plan	506	LB	\$1.00	\$506.00	\$0.90	\$455.40	\$1.09	\$551.54	\$4.00	\$2,024.00
510	Dowel Holes With Nonshrink, Nonmetallic Grout	326	EA	\$18.00	\$5,868.00	\$12.00	\$3,912.00	\$12.16	\$3,964.16	\$27.00	\$8,802.00
511	Class QC2 Concrete with QC/QA, Superstructure	634	CY	\$600.00	\$380,400.00	\$600.00	\$380,400.00	\$799.56	\$506,921.04	\$915.00	\$580,110.00
511	Class QC1 Concrete, Pier Cap	5	CY	\$2,000.00	\$10,000.00	\$2,500.00	\$12,500.00	\$3,096.55	\$15,482.75	\$3,400.00	\$17,000.00
511	Class QC1 Concrete, Abutment Including Footing	43	CY	\$700.00	\$30,100.00	\$1,000.00	\$43,000.00	\$771.09	\$33,156.87	\$420.00	\$18,060.00
512	Sealing of Concrete Surfaces (Non-Epoxy)	231	SY	\$12.00	\$2,772.00	\$9.00	\$2,079.00	\$10.00	\$2,310.00	\$9.00	\$2,079.00

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
STRUCTURES (OVER 20' SPAN) cont.											
512	Sealing of Concrete Surfaces (Epoxy-Urethane)	569	SY	\$16.50	\$9,388.50	\$20.00	\$11,380.00	\$22.90	\$13,030.10	\$16.00	\$9,104.00
512	Type 2 Waterproofing	5	SY	\$50.00	\$250.00	\$100.00	\$500.00	\$38.83	\$194.15	\$94.00	\$470.00
516	1" Preformed Expansion Joint Filler	26	SF	\$6.00	\$156.00	\$6.00	\$156.00	\$3.91	\$101.66	\$8.00	\$208.00
516	2" Preformed Expansion Joint Filler	114	SF	\$10.00	\$1,140.00	\$10.00	\$1,140.00	\$5.64	\$642.96	\$10.00	\$1,140.00
516	Semi-Integral Abutment Expansion Joint Seal	170	FT	\$28.00	\$4,760.00	\$25.00	\$4,250.00	\$32.30	\$5,491.00	\$29.00	\$4,930.00
516	Elastomeric Bearing Pad, Misc: 9" x 1-1/4" Thick	150	FT	\$80.00	\$12,000.00	\$75.00	\$11,250.00	\$53.66	\$8,049.00	\$55.00	\$8,250.00
517	Railing (Concrete Parapet with Twin Steel Tube Railing)	314	FT	\$150.00	\$47,100.00	\$175.00	\$54,950.00	\$214.74	\$67,428.36	\$163.00	\$51,182.00
518	Porous Backfill with Geotextile Fabric	44	CY	\$75.00	\$3,300.00	\$85.00	\$3,740.00	\$82.30	\$3,621.20	\$90.00	\$3,960.00
518	6" Perforated Corrugated Plastic Pipe	172	FT	\$5.00	\$860.00	\$8.00	\$1,376.00	\$3.12	\$536.64	\$10.00	\$1,720.00
518	6" Non-Perforated Corrugated Plastic Pipe, Including Specials	71	FT	\$5.00	\$355.00	\$12.00	\$852.00	\$9.89	\$702.19	\$10.00	\$710.00
519	Patching Concrete Structure, As Per Plan	11	SF	\$160.00	\$1,760.00	\$275.00	\$3,025.00	\$197.64	\$2,174.04	\$200.00	\$2,200.00
526	(T=15"), As Per Plan	350	SY	\$285.00	\$99,750.00	\$225.00	\$78,750.00	\$237.22	\$83,027.00	\$238.00	\$83,300.00
526	Type A Installation	145	FT	\$140.00	\$20,300.00	\$125.00	\$18,125.00	\$106.39	\$15,426.55	\$120.00	\$17,400.00
SPEC	Structure	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$6,557.41	\$6,557.41	\$6,000.00	\$6,000.00
SPEC	Structure Misc: Preconstruction Condition Survey	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,945.00	\$2,945.00	\$3,274.00	\$3,274.00
SPEC	Structure Misc: Vibration Monitoring	1	LS	\$10,000.00	\$10,000.00	\$2,500.00	\$2,500.00	\$5,094.73	\$5,094.73	\$2,021.00	\$2,021.00
846	Polymer Modified Asphalt Expansion Joint System	51	CF	\$265.00	\$13,515.00	\$340.00	\$17,340.00	\$443.37	\$22,611.87	\$167.00	\$8,517.00
MAINTENANCE OF TRAFFIC											
614	Detour Signing	1	LS	\$7,500.00	\$7,500.00	\$7,500.00	\$7,500.00	\$8,816.65	\$8,816.65	\$15,000.00	\$15,000.00
614	Barrier Reflector, Type 1, (Bi-Directional)	23	EA	\$10.00	\$230.00	\$6.00	\$138.00	\$8.00	\$184.00	\$9.00	\$207.00
614	Object Marker, Two Way	23	EA	\$16.00	\$368.00	\$10.00	\$230.00	\$13.00	\$299.00	\$12.00	\$276.00
614	Work Zone Lane Line, Class I, 4", 642 Paint	0.03	MILE	\$2,200.00	\$66.00	\$2,990.00	\$89.70	\$4,360.00	\$130.80	\$4,850.00	\$145.50
614	Work Zone Center Line, Class I, 642 Paint	0.11	MILE	\$6,000.00	\$660.00	\$6,728.00	\$740.08	\$4,620.00	\$508.20	\$5,140.00	\$565.40
614	Type 1	0.04	MILE	\$15,000.00	\$600.00	\$12,000.00	\$480.00	\$11,000.00	\$440.00	\$12,250.00	\$490.00
614	Work Zone Edge Line, Class I, 4", 642 Paint	0.63	MILE	\$3,750.00	\$2,362.50	\$4,485.00	\$2,825.55	\$4,475.00	\$2,819.25	\$5,000.00	\$3,150.00

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MAINTENANCE OF TRAFFIC cont.											
614	Work Zone Edge Line, Class I, 4", 740.06, Type 1	0.28	MILE	\$7,000.00	\$1,960.00	\$6,000.00	\$1,680.00	\$6,072.00	\$1,700.16	\$6,750.00	\$1,890.00
614	Work Zone Dotted Line, Class I, 642 Paint	820	FT	\$0.75	\$615.00	\$1.75	\$1,435.00	\$0.50	\$410.00	\$0.55	\$451.00
616	Water	1	MGAL	\$200.00	\$200.00	\$25.00	\$25.00	\$151.04	\$151.04	\$50.65	\$50.65
622	Portable Barrier, 32"	820	FT	\$16.00	\$13,120.00	\$10.00	\$8,200.00	\$14.07	\$11,537.40	\$15.00	\$12,300.00
622	Portable Barrier, 32", Bridge Mounted	180	FT	\$20.00	\$3,600.00	\$14.00	\$2,520.00	\$23.80	\$4,284.00	\$17.25	\$3,105.00
INCIDENTALS											
614	Maintaining Traffic	1	LS	\$35,000.00	\$35,000.00	\$20,000.00	\$20,000.00	\$16,278.28	\$16,278.28	\$30,877.00	\$30,877.00
623	Construction Layout Stakes and Surveying	1	LS	\$9,500.00	\$9,500.00	\$6,500.00	\$6,500.00	\$4,395.00	\$4,395.00	\$5,500.00	\$5,500.00
624	Mobilization	1	LS	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00	\$52,400.00	\$52,400.00	\$22,000.00	\$22,000.00
1001	Premium for Owner's Protective Insurance	1	LS	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$1.36	\$1.36	\$1,500.00	\$1,500.00
1002	Premium for Contract Performance and Payment Bond	1	LS	\$2,000.00	\$2,000.00	\$10,000.00	\$10,000.00	\$9,113.47	\$9,113.47	\$15,955.00	\$15,955.00
GRAND TOTAL				\$1,472,958.50		\$1,409,565.61		\$1,593,934.75		\$1,627,540.00	

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ENGINEER'S ESTIMATE	R.B. Jergens Contractors, Inc. 11418 North Dixie Drive Vandalia, OH 45377 Phone (937) 669-9799 Fax (937) 669-0301 andy.shaffer@rbjergens.com	
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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
ROADWAY											
201	Clearing and Grubbing	1	LS	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00				
202	<i>Pavement Removed</i>	470	SY	\$12.50	\$5,875.00	\$24.40	\$11,468.00				
202	Walk Removed	1,276	SF	\$3.75	\$4,785.00	\$1.40	\$1,786.40				
202	Curb and Gutter Removed	237	FT	\$12.00	\$2,844.00	\$4.15	\$983.55				
202	Concrete Slope Protection Removed	233	SY	\$30.00	\$6,990.00	\$23.40	\$5,452.20				
202	Pipe Removed, 24" and Under	22	FT	\$20.00	\$440.00	\$23.80	\$523.60				
202	Guardrail Removed	263	FT	\$3.00	\$789.00	\$6.30	\$1,656.90				
202	Catch Basin Removed	1	EA	\$400.00	\$400.00	\$329.00	\$329.00				
203	Excavation	726	CY	\$15.00	\$10,890.00	\$22.20	\$16,117.20				
203	Embankment	201	CY	\$17.50	\$3,517.50	\$12.80	\$2,572.80				
203	Granular Material, Type B	411	CY	\$45.00	\$18,495.00	\$39.80	\$16,357.80				
203	Granular Material, Type E (No. 2 Stone)	199	CY	\$40.00	\$7,960.00	\$45.50	\$9,054.50				
204	Subgrade Compaction	892	SY	\$3.00	\$2,676.00	\$1.90	\$1,694.80				
606	Guardrail, Type MGS	37.5	FT	\$18.00	\$675.00	\$35.70	\$1,338.75				
606	Anchor Assembly, MGS Type E	1	EA	\$1,950.00	\$1,950.00	\$2,624.00	\$2,624.00				
606	Anchor Assembly, MGS Type T	2	EA	\$800.00	\$1,600.00	\$1,050.00	\$2,100.00				
606	MGS Bridge Terminal Assembly, Type 1	3	EA	\$2,000.00	\$6,000.00	\$2,257.00	\$6,771.00				
*608	4" Concrete Walk	788	SF	\$5.00	\$3,940.00	\$8.20	\$6,461.60				
*608	6" Concrete Walk	121	SF	\$8.00	\$968.00	\$9.25	\$1,119.25				
*608	Curb Ramp, As Per Plan	2	EA	\$500.00	\$1,000.00	\$750.00	\$1,500.00				
EROSION CONTROL											
601	Crushed Aggregate Slope Protection	262	SY	\$27.50	\$7,205.00	\$25.80	\$6,759.60				
659	Topsoil	98	CY	\$75.00	\$7,350.00	\$99.70	\$9,770.60				
659	Seeding and Mulching	882	SY	\$5.00	\$4,410.00	\$4.20	\$3,704.40				
659	Repair Seeding and Mulching	44	SY	\$2.25	\$99.00	\$4.20	\$184.80				
659	Commercial Fertilizer	0.04	TON	\$1,000.00	\$40.00	\$1,575.00	\$63.00				
659	Water	5	MGAL	\$2.00	\$10.00	\$105.00	\$525.00				
832	Erosion Control	5,000	EA	\$1.00	\$5,000.00	\$1.00	\$5,000.00				

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
DRAINAGE											
*803	12" Conduit, Type B	22	FT	\$82.00	\$1,804.00	\$222.00	\$4,884.00				
*804	Catch Basin, No. 1, Remove and Reset	1	EA	\$2,000.00	\$2,000.00	\$2,900.00	\$2,900.00				
*804	Catch Basin, No. 1, As Per Plan	1	EA	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00				
PAVEMENT											
254	Pavement Planing, Asphalt Concrete (1.5" Depth)	302	SY	\$2.50	\$755.00	\$20.80	\$6,281.60				
301	Asphalt Concrete Base, PG64-22	112	CY	\$180.00	\$20,160.00	\$266.00	\$29,792.00				
304	Aggregate Base	147	CY	\$65.00	\$9,555.00	\$43.50	\$6,394.50				
407	Tack Coat	54	GAL	\$2.75	\$148.50	\$2.90	\$156.60				
441	Asphalt Concrete Surface, Course, Type 1, (448), PG64-22	34	CY	\$375.00	\$12,750.00	\$428.50	\$14,569.00				
441	Asphalt Concrete Intermediate Course, Type 1, (448)	21	CY	\$350.00	\$7,350.00	\$347.50	\$7,297.50				
*609	Curb, Type A, Straight	190	FT	\$33.00	\$6,270.00	\$15.00	\$2,850.00				
*609	Curb, Type A, Radius	50	FT	\$33.00	\$1,650.00	\$23.00	\$1,150.00				
TRAFFIC CONTROL											
626	Barrier Reflector, Type 2, (Bi-Directional)	6	EA	\$8.25	\$49.50	\$8.40	\$50.40				
630	Ground Mounted Support, No. 3 Post	70.5	FT	\$10.00	\$705.00	\$10.50	\$740.25				
630	Sign Post Reflector	2	EA	\$47.50	\$95.00	\$47.20	\$94.40				
630	Sign, Flat Sheet (Type J Sheeting)	73	SF	\$20.00	\$1,460.00	\$16.80	\$1,226.40				
630	Removal of Ground Mounted Sign and Disposal	6	EA	\$35.00	\$210.00	\$21.00	\$126.00				
630	Removal of Ground Mounted Post Support and Disposal	5	EA	\$15.00	\$75.00	\$31.50	\$157.50				
644	Lane Line, 4"	0.31	MILE	\$2,600.00	\$806.00	\$8,667.00	\$2,686.77				
644	Center Line	0.13	MILE	\$8,000.00	\$1,040.00	\$13,030.00	\$1,693.90				
644	Channelizing Line, 8"	52	FT	\$3.00	\$156.00	\$3.10	\$161.20				
644	Transverse/Diagonal Line	37	FT	\$6.00	\$222.00	\$8.20	\$303.40				
644	Lane Arrow	5	EA	\$110.00	\$550.00	\$189.50	\$947.50				

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
TRAFFIC CONTROL cont.											
645	Lane Line, 4", Type A	0.14	MILE	\$6,000.00	\$840.00	\$72,955.00	\$10,213.70				
645	Center Line, Type A	0.15	MILE	\$37,500.00	\$5,625.00	\$99,620.00	\$14,943.00				
645	Channelizing Line, 8", Type A	42	FT	\$10.00	\$420.00	\$22.80	\$957.60				
645	Transverse/Diagonal Line, Type A	148	FT	\$22.00	\$3,256.00	\$30.70	\$4,543.60				
645	Railroad Symbol Marking, Type A	1	EA	\$1,500.00	\$1,500.00	\$8,341.00	\$8,341.00				
645	Lane Arrow, Type A	1	EA	\$300.00	\$300.00	\$758.50	\$758.50				
STRUCTURES (OVER 20' SPAN)											
202	Portions of Structure Removed, Over 20 Foot Span, As Per Plan	1	LS	\$225,000.00	\$225,000.00	\$147,160.00	\$147,160.00				
202	Approach Slab Removed	267	SY	\$36.00	\$9,612.00	\$30.60	\$8,170.20				
202	Wearing Course Removed	970	SY	\$8.00	\$7,760.00	\$12.20	\$11,834.00				
503	Cofferdams and Excavation Bracing	1	LS	\$20,000.00	\$20,000.00	\$45,000.00	\$45,000.00				
503	Unclassified Excavation	1	LS	\$12,000.00	\$12,000.00	\$30,000.00	\$30,000.00				
505	Pile Driving Equipment Mobilization	1	LS	\$10,000.00	\$10,000.00	\$12,250.00	\$12,250.00				
507	Steel Piles HP12x53, Furnished	300	FT	\$30.00	\$9,000.00	\$29.70	\$8,910.00				
507	Steel Piles HP12x53, Driven	170	FT	\$38.00	\$6,460.00	\$27.40	\$4,658.00				
507	Prebored Holes, As Per Plan	100	FT	\$50.00	\$5,000.00	\$322.00	\$32,200.00				
507	Steel Points or Shoes	4	EA	\$90.00	\$360.00	\$95.90	\$383.60				
509	Epoxy Coated Reinforcing Steel	184,126	LB	\$1.00	\$184,126.00	\$0.96	\$176,760.96				
509	Epoxy Coated Reinforcing Steel, As Per Plan	418	LB	\$1.00	\$418.00	\$1.05	\$438.90				
509	Reinforcing Steel, Replacement of Existing Reinforcing Steel, As Per Plan	506	LB	\$1.00	\$506.00	\$1.00	\$506.00				
510	Dowel Holes With Nonshrink, Nonmetallic Grout	326	EA	\$18.00	\$5,868.00	\$13.00	\$4,238.00				
511	Class QC2 Concrete with QC/QA, Superstructure	634	CY	\$600.00	\$380,400.00	\$778.00	\$493,252.00				
511	Class QC1 Concrete, Pier Cap	5	CY	\$2,000.00	\$10,000.00	\$3,259.00	\$16,295.00				
511	Class QC1 Concrete, Abutment Including Footing	43	CY	\$700.00	\$30,100.00	\$1,147.00	\$49,321.00				
512	Sealing of Concrete Surfaces (Non-Epoxy)	231	SY	\$12.00	\$2,772.00	\$10.80	\$2,494.80				

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
STRUCTURES (OVER 20' SPAN) cont.											
512	Sealing of Concrete Surfaces (Epoxy-Urethane)	569	SY	\$16.50	\$9,388.50	\$24.40	\$13,883.60				
512	Type 2 Waterproofing	5	SY	\$50.00	\$250.00	\$132.50	\$662.50				
516	1" Preformed Expansion Joint Filler	26	SF	\$6.00	\$156.00	\$6.80	\$176.80				
516	2" Preformed Expansion Joint Filler	114	SF	\$10.00	\$1,140.00	\$6.45	\$735.30				
516	Semi-Integral Abutment Expansion Joint Seal	170	FT	\$28.00	\$4,760.00	\$25.00	\$4,250.00				
516	Elastomeric Bearing Pad, Misc: 9" x 1-1/4" Thick	150	FT	\$80.00	\$12,000.00	\$115.00	\$17,250.00				
517	Railing (Concrete Parapet with Twin Steel Tube Railing)	314	FT	\$150.00	\$47,100.00	\$211.50	\$66,411.00				
518	Porous Backfill with Geotextile Fabric	44	CY	\$75.00	\$3,300.00	\$66.00	\$2,904.00				
518	6" Perforated Corrugated Plastic Pipe	172	FT	\$5.00	\$860.00	\$9.00	\$1,548.00				
518	6" Non-Perforated Corrugated Plastic Pipe, Including Specials	71	FT	\$5.00	\$355.00	\$20.00	\$1,420.00				
519	Patching Concrete Structure, As Per Plan	11	SF	\$160.00	\$1,760.00	\$226.50	\$2,491.50				
526	(T=15"), As Per Plan	350	SY	\$285.00	\$99,750.00	\$264.00	\$92,400.00				
526	Type A Installation	145	FT	\$140.00	\$20,300.00	\$113.00	\$16,385.00				
SPEC	Structure	1	LS	\$5,000.00	\$5,000.00	\$6,750.00	\$6,750.00				
SPEC	Structure Misc: Preconstruction Condition Survey	1	LS	\$5,000.00	\$5,000.00	\$7,150.00	\$7,150.00				
SPEC	Structure Misc: Vibration Monitoring	1	LS	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00				
846	Polymer Modified Asphalt Expansion Joint System	51	CF	\$265.00	\$13,515.00	\$418.50	\$21,343.50				
MAINTENANCE OF TRAFFIC											
614	Detour Signing	1	LS	\$7,500.00	\$7,500.00	\$8,051.00	\$8,051.00				
614	Barrier Reflector, Type 1, (Bi-Directional)	23	EA	\$10.00	\$230.00	\$8.40	\$193.20				
614	Object Marker, Two Way	23	EA	\$16.00	\$368.00	\$13.70	\$315.10				
614	Work Zone Lane Line, Class I, 4", 642 Paint	0.03	MILE	\$2,200.00	\$66.00	\$6,612.00	\$198.36				
614	Work Zone Center Line, Class I, 642 Paint	0.11	MILE	\$6,000.00	\$660.00	\$7,007.00	\$770.77				
614	Type 1	0.04	MILE	\$15,000.00	\$600.00	\$16,685.00	\$667.40				
614	Work Zone Edge Line, Class I, 4", 642 Paint	0.63	MILE	\$3,750.00	\$2,362.50	\$6,787.00	\$4,275.81				
614	Type 1	0.28	MILE	\$7,000.00	\$1,960.00	\$9,209.00	\$2,578.52				

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ITEM NO.	DESCRIPTION	EST. QTY.	UNIT	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL	UNIT COST	TOTAL
MAINTENANCE OF TRAFFIC cont.											
614	Work Zone Dotted Line, Class I, 642 Paint	820	FT	\$0.75	\$615.00	\$0.76	\$623.20				
616	Water	1	MGAL	\$200.00	\$200.00	\$875.00	\$875.00				
622	Portable Barrier, 32"	820	FT	\$16.00	\$13,120.00	\$14.20	\$11,644.00				
622	Portable Barrier, 32", Bridge Mounted	180	FT	\$20.00	\$3,600.00	\$16.30	\$2,934.00				
INCIDENTALS											
614	Maintaining Traffic	1	LS	\$35,000.00	\$35,000.00	\$17,000.00	\$17,000.00				
623	Construction Layout Stakes and Surveying	1	LS	\$9,500.00	\$9,500.00	\$6,500.00	\$6,500.00				
624	Mobilization	1	LS	\$40,000.00	\$40,000.00	\$40,000.00	\$40,000.00				
1001	Premium for Owner's Protective Insurance	1	LS	\$10,000.00	\$10,000.00	\$850.00	\$850.00				
1002	Premium for Contract Performance and Payment Bond	1	LS	\$2,000.00	\$2,000.00	\$11,500.00	\$11,500.00				
GRAND TOTAL					\$1,472,958.50		\$1,668,249.09				