Ohio Department of Transportation
Official Bid Tabulation
Pamela Boratyn, Director

Project No. 260354
PID 115790
MAH-US 224-17.72 (PART 1 AND PART 2)
Federal
Type: MAJOR RECONSTRUCTION
Letting Date: 7/30/2026
Completion Date: 6/30/2028

Contract Awarded To: MARUCCI & GAFFNEY EXCAVATING CO
Award Amount: $14,293,539.78

Engineer's Estimate: $12,881,000.00

Bidder 1
MARUCCI & GAFFNEY EXCAVATING CO
18 HOGUE ST
Mahoning
YOUNGSTOWN, OH 44502
Bid $14,293,539.78

Bidder 2
KARVO COMPANIES INC
4524 HUDSON DR
STOW, OH 44224-1702
Bid $14,804,327.38

Bidder 3
S E T INC
235 EAST WATER ST
Mahoning
LOWELLVILLE, OH 44436
Bid $15,490,000.00

Bidder 4
SHELLY & SANDS INC
1515 HARMON AVE
Franklin
COLUMBUS, OH 43223
Bid $16,568,986.05

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$150,000.00	$150,000.00
	2	$25,000.00	$25,000.00
	3	$100,000.00	$100,000.00
	4	$30,000.00	$30,000.00
Ref #2	**202E23000**	**PAVEMENT REMOVED, (11511 SY)**	
	Awd	$17.00	$195,687.00
	2	$15.00	$172,665.00
	3	$28.00	$322,308.00
	4	$25.00	$287,775.00
Ref #3	**202E30000**	**WALK REMOVED, (18493 SF)**	
	Awd	$2.00	$36,986.00
	2	$2.00	$36,986.00
	3	$3.50	$64,725.50
	4	$2.00	$36,986.00
Ref #4	**202E30600**	**CONCRETE MEDIAN REMOVED, (96 SY)**	
	Awd	$18.00	$1,728.00
	2	$85.00	$8,160.00
	3	$21.00	$2,016.00
	4	$30.00	$2,880.00
Ref #5	**202E30800**	**TRAFFIC ISLAND REMOVED, (311 SY)**	
	Awd	$30.00	$9,330.00
	2	$40.00	$12,440.00
	3	$26.00	$8,086.00
	4	$30.00	$9,330.00
Ref #6	**202E32000**	**CURB REMOVED, (4832 FT)**	
	Awd	$3.00	$14,496.00
	2	$25.00	$120,800.00
	3	$7.00	$33,824.00
	4	$15.00	$72,480.00
Ref #7	**202E32001**	**CURB REMOVED, AS PER PLAN, (644 FT)**	
	Awd	$10.00	$6,440.00
	2	$20.00	$12,880.00
	3	$17.00	$10,948.00
	4	$5.00	$3,220.00
Ref #8	**202E32500**	**CURB AND GUTTER REMOVED, (8902 FT)**	
	Awd	$4.50	$40,059.00
	2	$20.00	$178,040.00
	3	$10.00	$89,020.00
	4	$15.00	$133,530.00
Ref #9	**202E35100**	**PIPE REMOVED, 24" DIAMETER AND UNDER, (562 FT)**	
	Awd	$40.00	$22,480.00
	2	$50.00	$28,100.00
	3	$20.00	$11,240.00
	4	$30.00	$16,860.00
Ref #10	**202E38000**	**GUARDRAIL REMOVED, (41 FT)**	
	Awd	$6.00	$246.00
	2	$5.00	$205.00
	3	$6.00	$246.00
	4	$5.35	$219.35

Ref #11	**202E58100**	**CATCH BASIN REMOVED, (22 EACH)**	
	Awd	$500.00	$11,000.00
	2	$1,000.00	$22,000.00
	3	$750.00	$16,500.00
	4	$750.00	$16,500.00
Ref #12	**203E10000**	**EXCAVATION, (9661 CY)**	
	Awd	$25.00	$241,525.00
	2	$30.00	$289,830.00
	3	$40.00	$386,440.00
	4	$60.00	$579,660.00
Ref #13	**203E20000**	**EMBANKMENT, (2513 CY)**	
	Awd	$35.00	$87,955.00
	2	$30.00	$75,390.00
	3	$25.00	$62,825.00
	4	$40.00	$100,520.00
Ref #14	**204E10000**	**SUBGRADE COMPACTION, (17028 SY)**	
	Awd	$2.00	$34,056.00
	2	$1.00	$17,028.00
	3	$2.00	$34,056.00
	4	$5.00	$85,140.00
Ref #15	**204E13000**	**EXCAVATION OF SUBGRADE, (1207 CY)**	
	Awd	$30.00	$36,210.00
	2	$25.00	$30,175.00
	3	$30.00	$36,210.00
	4	$45.00	$54,315.00
Ref #16	**204E30010**	**GRANULAR MATERIAL, TYPE B, (1207 CY)**	
	Awd	$80.00	$96,560.00
	2	$65.00	$78,455.00
	3	$80.00	$96,560.00
	4	$135.00	$162,945.00
Ref #17	**204E45000**	**PROOF ROLLING, (4 HOUR)**	
	Awd	$125.00	$500.00
	2	$500.00	$2,000.00
	3	$250.00	$1,000.00
	4	$400.00	$1,600.00
Ref #18	**204E50000**	**GEOTEXTILE FABRIC, (3623 SY)**	
	Awd	$2.10	$7,608.30
	2	$2.00	$7,246.00
	3	$2.00	$7,246.00
	4	$1.20	$4,347.60
Ref #19	**504E11101**	**STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN, DRI, (2713 SF)**	
	Awd	$5.00	$13,565.00
	2	$10.00	$27,130.00
	3	$20.00	$54,260.00
	4	$15.00	$40,695.00
Ref #20	**504E11101**	**STEEL SHEET PILING LEFT IN PLACE, AS PER PLAN, FUR, (2713 SF)**	
	Awd	$25.00	$67,825.00
	2	$28.00	$75,964.00
	3	$25.00	$67,825.00
	4	$40.00	$108,520.00

Ref #21	**606E15050**	**GUARDRAIL, TYPE MGS, (50 FT)**	
	Awd	$70.00	$3,500.00
	2	$59.00	$2,950.00
	3	$65.00	$3,250.00
	4	$63.00	$3,150.00
Ref #22	**606E26150**	**ANCHOR ASSEMBLY, MGS TYPE E, (1 EACH)**	
	Awd	$4,500.00	$4,500.00
	2	$3,780.00	$3,780.00
	3	$4,000.00	$4,000.00
	4	$4,000.00	$4,000.00
Ref #23	**607E98000**	**FENCE, MISC.:CONSTRUCTION FENCE, (450 FT)**	
	Awd	$17.00	$7,650.00
	2	$6.90	$3,105.00
	3	$6.00	$2,700.00
	4	$8.00	$3,600.00
Ref #24	**608E10000**	**4" CONCRETE WALK, (58068 SF)**	
	Awd	$13.50	$783,918.00
	2	$12.00	$696,816.00
	3	$9.00	$522,612.00
	4	$10.20	$592,293.60
Ref #25	**608E52000**	**CURB RAMP, (3472 SF)**	
	Awd	$20.00	$69,440.00
	2	$20.00	$69,440.00
	3	$27.00	$93,744.00
	4	$33.50	$116,312.00
Ref #26	**690E91000**	**SPECIAL - AS-BUILT CONSTRUCTION PLANS, (LUMP SUM)**	
	Awd	$10,000.00	$10,000.00
	2	$20,000.00	$20,000.00
	3	$22,000.00	$22,000.00
	4	$25,000.00	$25,000.00
Ref #27	**690E98400**	**SPECIAL - SURVEY CONTROL VERIFICATION, (LUMP SUM)**	
	Awd	$10,000.00	$10,000.00
	2	$15,000.00	$15,000.00
	3	$20,000.00	$20,000.00
	4	$5,000.00	$5,000.00
Ref #304	**202E70000**	**SPECIAL - FILL AND PLUG EXISTING CONDUIT, (15 FT)**	
	Awd	$100.00	$1,500.00
	2	$100.00	$1,500.00
	3	$100.00	$1,500.00
	4	$60.00	$900.00
Ref #305	**202E98200**	**REMOVAL MISC.:TRENCH DRAIN REMOVED, (14 FT)**	
	Awd	$100.00	$1,400.00
	2	$125.00	$1,750.00
	3	$150.00	$2,100.00
	4	$60.00	$840.00

Section 1 - ROADWAY (PART 1) - Totals

Awd	**$1,966,164.30**
2	**$2,034,835.00**
3	**$2,077,241.50**
4	**$2,498,618.55**

Ref #28	**659E00100**	**SOIL ANALYSIS TEST, (2 EACH)**	
	Awd	$10.00	$20.00
	2	$600.00	$1,200.00
	3	$150.00	$300.00
	4	$25.00	$50.00
Ref #29	**659E00300**	**TOPSOIL, (1013 CY)**	
	Awd	$50.00	$50,650.00
	2	$69.00	$69,897.00
	3	$80.00	$81,040.00
	4	$140.00	$141,820.00
Ref #30	**659E10000**	**SEEDING AND MULCHING, (9060 SY)**	
	Awd	$2.50	$22,650.00
	2	$1.40	$12,684.00
	3	$3.00	$27,180.00
	4	$1.25	$11,325.00
Ref #31	**659E14000**	**REPAIR SEEDING AND MULCHING, (453 SY)**	
	Awd	$1.00	$453.00
	2	$2.00	$906.00
	3	$2.00	$906.00
	4	$1.25	$566.25
Ref #32	**659E15000**	**INTER-SEEDING, (453 SY)**	
	Awd	$1.00	$453.00
	2	$1.00	$453.00
	3	$1.00	$453.00
	4	$0.25	$113.25
Ref #33	**659E20000**	**COMMERCIAL FERTILIZER, (1.23 TON)**	
	Awd	$750.00	$922.50
	2	$1,500.00	$1,845.00
	3	$900.00	$1,107.00
	4	$250.00	$307.50
Ref #34	**659E31000**	**LIME, (1.88 ACRE)**	
	Awd	$275.00	$517.00
	2	$0.05	$0.09
	3	$225.00	$423.00
	4	$25.00	$47.00
Ref #35	**659E35000**	**WATER, (49 MGAL)**	
	Awd	$1.00	$49.00
	2	$60.00	$2,940.00
	3	$10.00	$490.00
	4	$1.00	$49.00
Ref #36	**832E15000**	**STORM WATER POLLUTION PREVENTION PLAN, (LUMP SUM)**	
	Awd	$5,000.00	$5,000.00
	2	$15,000.00	$15,000.00
	3	$5,500.00	$5,500.00
	4	$6,000.00	$6,000.00
Ref #37	**832E15002**	**STORM WATER POLLUTION PREVENTION INSPECTIONS, (LUMP SUM)**	
	Awd	$31,000.00	$31,000.00
	2	$30,000.00	$30,000.00
	3	$25,000.00	$25,000.00
	4	$30,000.00	$30,000.00

Ref #38	**832E15010**	**STORM WATER POLLUTION PREVENTION INSPECTION SOFTWA, (LUMP SUM)**	
	Awd	$21,000.00	$21,000.00
	2	$25,000.00	$25,000.00
	3	$32,000.00	$32,000.00
	4	$25,000.00	$25,000.00
Ref #39	**832E30000**	**EROSION CONTROL, (85000 EACH)**	
	Awd	$1.00	$85,000.00
	2	$1.00	$85,000.00
	3	$1.00	$85,000.00
	4	$1.00	$85,000.00

Section 2 - EROSION CONTROL (PART 1) - Totals

Awd	**$217,714.50**
2	**$244,925.09**
3	**$259,399.00**
4	**$300,278.00**

Ref #40	**202E98100**	**REMOVAL MISC.: INSPECTION WELL, (1 EACH)**	
	Awd	$10.00	$10.00
	2	$1,000.00	$1,000.00
	3	$700.00	$700.00
	4	$400.00	$400.00
Ref #41	**202E98200**	**REMOVAL MISC.: CONDUIT, (100 FT)**	
	Awd	$20.00	$2,000.00
	2	$200.00	$20,000.00
	3	$25.00	$2,500.00
	4	$15.00	$1,500.00
Ref #42	**601E21050**	**TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT, (6 SY)**	
	Awd	$175.00	$1,050.00
	2	$350.00	$2,100.00
	3	$200.00	$1,200.00
	4	$320.00	$1,920.00
Ref #43	**605E05200**	**4" UNCLASSIFIED PIPE UNDERDRAINS, (15 FT)**	
	Awd	$40.00	$600.00
	2	$85.00	$1,275.00
	3	$30.00	$450.00
	4	$30.00	$450.00
Ref #44	**605E14020**	**6" BASE PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, (15032 FT)**	
	Awd	$16.00	$240,512.00
	2	$18.00	$270,576.00
	3	$20.00	$300,640.00
	4	$35.00	$526,120.00
Ref #45	**611E00406**	**4" CONDUIT, TYPE F, (30 FT)**	
	Awd	$30.00	$900.00
	2	$50.00	$1,500.00
	3	$30.00	$900.00
	4	$31.00	$930.00
Ref #46	**611E00510**	**6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS, (719 FT)**	
	Awd	$23.00	$16,537.00
	2	$25.00	$17,975.00
	3	$25.00	$17,975.00
	4	$47.00	$33,793.00

Ref #47	**611E00900**	**6" CONDUIT, TYPE B, (10 FT)**	
	Awd	$60.00	$600.00
	2	$75.00	$750.00
	3	$40.00	$400.00
	4	$150.00	$1,500.00
Ref #48	**611E04400**	**12" CONDUIT, TYPE B, (1315 FT)**	
	Awd	$150.00	$197,250.00
	2	$185.00	$243,275.00
	3	$120.00	$157,800.00
	4	$200.00	$263,000.00
Ref #49	**611E04600**	**12" CONDUIT, TYPE C, (39 FT)**	
	Awd	$200.00	$7,800.00
	2	$155.00	$6,045.00
	3	$105.00	$4,095.00
	4	$170.00	$6,630.00
Ref #50	**611E05900**	**15" CONDUIT, TYPE B, (389 FT)**	
	Awd	$152.00	$59,128.00
	2	$155.00	$60,295.00
	3	$130.00	$50,570.00
	4	$200.00	$77,800.00
Ref #51	**611E07400**	**18" CONDUIT, TYPE B, (15 FT)**	
	Awd	$600.00	$9,000.00
	2	$275.00	$4,125.00
	3	$210.00	$3,150.00
	4	$400.00	$6,000.00
Ref #52	**611E10400**	**24" CONDUIT, TYPE B, (5 FT)**	
	Awd	$825.00	$4,125.00
	2	$800.00	$4,000.00
	3	$320.00	$1,600.00
	4	$600.00	$3,000.00
Ref #53	**611E97400**	**CONDUIT, MISC.: TYPE B FOR DRAINAGE DISCHARGE CONT, (100 FT)**	
	Awd	$10.00	$1,000.00
	2	$5.00	$500.00
	3	$120.00	$12,000.00
	4	$55.00	$5,500.00
Ref #54	**611E97400**	**CONDUIT, MISC.: TYPE C FOR DRAINAGE DISCHARGE CONT, (100 FT)**	
	Awd	$10.00	$1,000.00
	2	$10.00	$1,000.00
	3	$105.00	$10,500.00
	4	$58.00	$5,800.00
Ref #55	**611E97400**	**CONDUIT, MISC.: TYPE F FOR DRAINAGE DISCHARGE CONT, (100 FT)**	
	Awd	$10.00	$1,000.00
	2	$15.00	$1,500.00
	3	$95.00	$9,500.00
	4	$42.00	$4,200.00
Ref #56	**611E98150**	**CATCH BASIN, NO. 3, (15 EACH)**	
	Awd	$5,200.00	$78,000.00
	2	$5,000.00	$75,000.00
	3	$4,500.00	$67,500.00
	4	$7,500.00	$112,500.00

Ref #57	**611E98151**	**CATCH BASIN, NO. 3, AS PER PLAN, (1 EACH)**	
	Awd	$5,700.00	$5,700.00
	2	$5,500.00	$5,500.00
	3	$5,500.00	$5,500.00
	4	$8,000.00	$8,000.00
Ref #58	**611E98180**	**CATCH BASIN, NO. 3A, (23 EACH)**	
	Awd	$3,700.00	$85,100.00
	2	$5,000.00	$115,000.00
	3	$3,500.00	$80,500.00
	4	$7,500.00	$172,500.00
Ref #59	**611E98470**	**CATCH BASIN, NO. 2-2B, (2 EACH)**	
	Awd	$3,000.00	$6,000.00
	2	$3,500.00	$7,000.00
	3	$3,200.00	$6,400.00
	4	$6,000.00	$12,000.00
Ref #60	**611E98630**	**CATCH BASIN ADJUSTED TO GRADE, (3 EACH)**	
	Awd	$1,250.00	$3,750.00
	2	$1,000.00	$3,000.00
	3	$1,500.00	$4,500.00
	4	$1,500.00	$4,500.00
Ref #61	**611E98710**	**INLET, NO. 2-6, (1 EACH)**	
	Awd	$12,000.00	$12,000.00
	2	$7,500.00	$7,500.00
	3	$8,500.00	$8,500.00
	4	$15,000.00	$15,000.00
Ref #62	**611E99574**	**MANHOLE, NO. 3, (25 EACH)**	
	Awd	$7,900.00	$197,500.00
	2	$7,500.00	$187,500.00
	3	$5,800.00	$145,000.00
	4	$8,000.00	$200,000.00
Ref #63	**611E99654**	**MANHOLE ADJUSTED TO GRADE, (14 EACH)**	
	Awd	$1,300.00	$18,200.00
	2	$1,800.00	$25,200.00
	3	$1,800.00	$25,200.00
	4	$1,500.00	$21,000.00
Ref #64	**611E99710**	**PRECAST REINFORCED CONCRETE OUTLET, (3 EACH)**	
	Awd	$550.00	$1,650.00
	2	$150.00	$450.00
	3	$400.00	$1,200.00
	4	$700.00	$2,100.00
Ref #65	**611E99720**	**INSPECTION WELL, (1 EACH)**	
	Awd	$100.00	$100.00
	2	$1,000.00	$1,000.00
	3	$1,200.00	$1,200.00
	4	$1,500.00	$1,500.00
Ref #66	**611E99820**	**SPECIAL - MISCELLANEOUS METAL, (400 LB)**	
	Awd	$3.00	$1,200.00
	2	$2.50	$1,000.00
	3	$7.00	$2,800.00
	4	$2.20	$880.00

Ref #300	**611E01800**	**8" CONDUIT, TYPE B, (10 FT)**	
	Awd	$275.00	$2,750.00
	2	$300.00	$3,000.00
	3	$120.00	$1,200.00
	4	$170.00	$1,700.00

Section 3 - DRAINAGE (PART 1) - Totals

Awd	**$954,462.00**
2	**$1,067,066.00**
3	**$923,480.00**
4	**$1,490,223.00**

Ref #67	**251E01000**	**PARTIAL DEPTH PAVEMENT REPAIR (441), (2000 SY)**	
	Awd	$45.00	$90,000.00
	2	$25.00	$50,000.00
	3	$90.00	$180,000.00
	4	$45.00	$90,000.00
Ref #68	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE, T=1.25", (80017 SY)**	
	Awd	$2.50	$200,042.50
	2	$1.25	$100,021.25
	3	$2.50	$200,042.50
	4	$2.30	$184,039.10
Ref #69	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE, T=1.5", (23158 SY)**	
	Awd	$3.00	$69,474.00
	2	$3.00	$69,474.00
	3	$4.00	$92,632.00
	4	$3.00	$69,474.00
Ref #70	**301E56000**	**ASPHALT CONCRETE BASE, PG64-22, (449), (2956 CY)**	
	Awd	$310.00	$916,360.00
	2	$275.00	$812,900.00
	3	$255.00	$753,780.00
	4	$300.00	$886,800.00
Ref #71	**301E56100**	**ASPHALT CONCRETE BASE, PG64-22, (449), (DRIVEWAYS), (274 CY)**	
	Awd	$310.00	$84,940.00
	2	$300.00	$82,200.00
	3	$265.00	$72,610.00
	4	$300.00	$82,200.00
Ref #72	**304E20000**	**AGGREGATE BASE, (3073 CY)**	
	Awd	$115.00	$353,395.00
	2	$100.00	$307,300.00
	3	$85.00	$261,205.00
	4	$150.00	$460,950.00
Ref #73	**407E10000**	**TACK COAT, (113 GAL)**	
	Awd	$3.05	$344.65
	2	$3.50	$395.50
	3	$4.00	$452.00
	4	$3.05	$344.65
Ref #74	**407E20000**	**NON-TRACKING TACK COAT, (10632 GAL)**	
	Awd	$3.05	$32,427.60
	2	$3.50	$37,212.00
	3	$3.00	$31,896.00
	4	$3.05	$32,427.60

Ref #75	**424E14000**	**FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448, (3290 CY)**	
	Awd	$272.00	$894,880.00
	2	$325.00	$1,069,250.00
	3	$345.00	$1,135,050.00
	4	$270.00	$888,300.00
Ref #76	**441E70500**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (D, (53 CY)**	
	Awd	$700.00	$37,100.00
	2	$500.00	$26,500.00
	3	$460.00	$24,380.00
	4	$700.00	$37,100.00
Ref #77	**442E20170**	**ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYP, (570 CY)**	
	Awd	$322.00	$183,540.00
	2	$325.00	$185,250.00
	3	$285.00	$162,450.00
	4	$322.00	$183,540.00
Ref #78	**442E22100**	**ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (, (437 CY)**	
	Awd	$370.00	$161,690.00
	2	$350.00	$152,950.00
	3	$375.00	$163,875.00
	4	$370.00	$161,690.00
Ref #79	**442E22300**	**ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYP, (245 CY)**	
	Awd	$322.00	$78,890.00
	2	$450.00	$110,250.00
	3	$365.00	$89,425.00
	4	$322.00	$78,890.00
Ref #80	**452E09010**	**4" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, (2331 SY)**	
	Awd	$80.00	$186,480.00
	2	$60.00	$139,860.00
	3	$95.00	$221,445.00
	4	$73.30	$170,862.30
Ref #82	**452E12050**	**8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, (617 SY)**	
	Awd	$128.00	$78,976.00
	2	$120.00	$74,040.00
	3	$125.00	$77,125.00
	4	$147.00	$90,699.00
Ref #83	**609E12000**	**COMBINATION CURB AND GUTTER, TYPE 2, (7643 FT)**	
	Awd	$38.00	$290,434.00
	2	$35.00	$267,505.00
	3	$40.00	$305,720.00
	4	$33.50	$256,040.50
Ref #84	**609E24510**	**CURB, TYPE 4-C, (4318 FT)**	
	Awd	$25.00	$107,950.00
	2	$25.00	$107,950.00
	3	$22.00	$94,996.00
	4	$24.50	$105,791.00
Ref #85	**609E26000**	**CURB, TYPE 6, (6470 FT)**	
	Awd	$29.00	$187,630.00
	2	$25.00	$161,750.00
	3	$24.00	$155,280.00
	4	$26.50	$171,455.00

Ref #86	**609E28000**	**CURB, TYPE 7, (215 FT)**	
	Awd	$50.00	$10,750.00
	2	$60.00	$12,900.00
	3	$26.00	$5,590.00
	4	$67.50	$14,512.50
Ref #87	**690E12060**	**SPECIAL - PAVEMENT OVERLAY FABRIC COMPOSITE, (2580 SY)**	
	Awd	$34.00	$87,720.00
	2	$39.00	$100,620.00
	3	$36.00	$92,880.00
	4	$32.75	$84,495.00
Ref #302	**442E20170**	**ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYP, (317 CY)**	
	Awd	$322.00	$102,074.00
	2	$350.00	$110,950.00
	3	$285.00	$90,345.00
	4	$322.00	$102,074.00
Ref #303	**442E20170**	**ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYP, (69 CY)**	
	Awd	$322.00	$22,218.00
	2	$425.00	$29,325.00
	3	$360.00	$24,840.00
	4	$322.00	$22,218.00

Section 4 - PAVEMENT (PART 1) - Totals

Awd	**$4,177,315.75**
2	**$4,008,602.75**
3	**$4,236,018.50**
4	**$4,173,902.65**

Ref #88	**638E00990**	**6" WATER MAIN POLYVINYL CHLORIDE PIPE AND FITTINGS, (188 FT)**	
	Awd	$105.00	$19,740.00
	2	$150.00	$28,200.00
	3	$175.00	$32,900.00
	4	$120.00	$22,560.00
Ref #89	**638E07480**	**6" GATE VALVE, (3 EACH)**	
	Awd	$2,500.00	$7,500.00
	2	$2,000.00	$6,000.00
	3	$2,200.00	$6,600.00
	4	$2,000.00	$6,000.00
Ref #90	**638E07800**	**6" GATE VALVE AND VALVE BOX, (3 EACH)**	
	Awd	$3,000.00	$9,000.00
	2	$2,200.00	$6,600.00
	3	$2,800.00	$8,400.00
	4	$2,300.00	$6,900.00
Ref #91	**638E09390**	**8" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX, (3 EACH)**	
	Awd	$5,000.00	$15,000.00
	2	$8,500.00	$25,500.00
	3	$4,000.00	$12,000.00
	4	$6,000.00	$18,000.00
Ref #92	**638E10200**	**6" FIRE HYDRANT, (3 EACH)**	
	Awd	$7,000.00	$21,000.00
	2	$7,500.00	$22,500.00
	3	$7,000.00	$21,000.00
	4	$12,000.00	$36,000.00

Ref #301	**638E20880**	**SPECIAL - CUT AND PLUG EXISTING 8" WATER LINEEND C, (2 EACH)**	
	Awd	$2,500.00	$5,000.00
	2	$1,250.00	$2,500.00
	3	$1,500.00	$3,000.00
	4	$2,300.00	$4,600.00

Section 5 - WATER WORK (PART 1) - Totals

Awd	**$77,240.00**
2	**$91,300.00**
3	**$83,900.00**
4	**$94,060.00**

Ref #93	**621E00100**	**RPM, (1066 EACH)**	
	Awd	$40.50	$43,173.00
	2	$37.50	$39,975.00
	3	$55.00	$58,630.00
	4	$45.00	$47,970.00
Ref #94	**630E02100**	**GROUND MOUNTED SUPPORT, NO. 2 POST, (183.5 FT)**	
	Awd	$16.00	$2,936.00
	2	$15.00	$2,752.50
	3	$16.00	$2,936.00
	4	$16.00	$2,936.00
Ref #95	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (951.8 FT)**	
	Awd	$17.00	$16,180.60
	2	$15.00	$14,277.00
	3	$17.00	$16,180.60
	4	$17.00	$16,180.60
Ref #96	**630E03101**	**GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN, (231 FT)**	
	Awd	$18.00	$4,158.00
	2	$14.25	$3,291.75
	3	$17.00	$3,927.00
	4	$17.00	$3,927.00
Ref #97	**630E08600**	**SIGN POST REFLECTOR, RED, (12 EACH)**	
	Awd	$48.00	$576.00
	2	$40.00	$480.00
	3	$50.00	$600.00
	4	$48.00	$576.00
Ref #98	**630E08600**	**SIGN POST REFLECTOR, WHITE, (66 EACH)**	
	Awd	$48.00	$3,168.00
	2	$40.00	$2,640.00
	3	$50.00	$3,300.00
	4	$48.00	$3,168.00
Ref #99	**630E08600**	**SIGN POST REFLECTOR, YELLOW, (4 EACH)**	
	Awd	$48.00	$192.00
	2	$40.00	$160.00
	3	$50.00	$200.00
	4	$48.00	$192.00
Ref #100	**630E72410**	**OVERHEAD SIGN SUPPORT, TYPE TC-15.116, DESIGN 1, (1 EACH)**	
	Awd	$80,000.00	$80,000.00
	2	$79,450.00	$79,450.00
	3	$80,000.00	$80,000.00
	4	$81,000.00	$81,000.00

Ref #101	**630E72540**	**OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 12, (2 EACH)**	
	Awd	$20,000.00	$40,000.00
	2	$19,750.00	$39,500.00
	3	$21,000.00	$42,000.00
	4	$21,000.00	$42,000.00
Ref #102	**630E72550**	**OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 13, (8 EACH)**	
	Awd	$27,000.00	$216,000.00
	2	$26,950.00	$215,600.00
	3	$28,000.00	$224,000.00
	4	$28,000.00	$224,000.00
Ref #103	**630E72560**	**OVERHEAD SIGN SUPPORT, TYPE TC-16.22, DESIGN 14, (3 EACH)**	
	Awd	$28,500.00	$85,500.00
	2	$28,200.00	$84,600.00
	3	$30,000.00	$90,000.00
	4	$30,000.00	$90,000.00
Ref #104	**630E76520**	**SPAN WIRE SIGN SUPPORT, TYPE TC-17.11, DESIGN 8, (1 EACH)**	
	Awd	$23,000.00	$23,000.00
	2	$22,450.00	$22,450.00
	3	$24,000.00	$24,000.00
	4	$24,000.00	$24,000.00
Ref #105	**630E79000**	**SIGN HANGER ASSEMBLY, SPAN WIRE, (10 EACH)**	
	Awd	$500.00	$5,000.00
	2	$400.00	$4,000.00
	3	$515.00	$5,150.00
	4	$530.00	$5,300.00
Ref #106	**630E79100**	**SIGN HANGER ASSEMBLY, MAST ARM, (110 EACH)**	
	Awd	$580.00	$63,800.00
	2	$500.00	$55,000.00
	3	$575.00	$63,250.00
	4	$590.00	$64,900.00
Ref #107	**630E79500**	**SIGN SUPPORT ASSEMBLY, POLE MOUNTED, (14 EACH)**	
	Awd	$260.00	$3,640.00
	2	$125.00	$1,750.00
	3	$250.00	$3,500.00
	4	$260.00	$3,640.00
Ref #108	**630E80100**	**SIGN, FLAT SHEET, (1591.2 SF)**	
	Awd	$21.00	$33,415.20
	2	$27.50	$43,758.00
	3	$22.00	$35,006.40
	4	$21.00	$33,415.20
Ref #109	**630E80224**	**SIGN, OVERHEAD EXTRUSHEET, (64 SF)**	
	Awd	$30.00	$1,920.00
	2	$112.39	$7,192.96
	3	$30.00	$1,920.00
	4	$31.00	$1,984.00
Ref #110	**630E84510**	**RIGID OVERHEAD SIGN SUPPORT FOUNDATION, (15 EACH)**	
	Awd	$9,000.00	$135,000.00
	2	$8,820.00	$132,300.00
	3	$9,200.00	$138,000.00
	4	$9,400.00	$141,000.00

Ref #111	**630E84520**	**SPAN WIRE SIGN SUPPORT FOUNDATION, (2 EACH)**	
	Awd	$6,500.00	$13,000.00
	2	$6,420.00	$12,840.00
	3	$6,700.00	$13,400.00
	4	$6,800.00	$13,600.00
Ref #112	**630E84900**	**REMOVAL OF GROUND MOUNTED SIGN, (82 EACH)**	
	Awd	$16.00	$1,312.00
	2	$15.00	$1,230.00
	3	$16.00	$1,312.00
	4	$16.00	$1,312.00
Ref #113	**630E85100**	**REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, (32 EACH)**	
	Awd	$75.00	$2,400.00
	2	$125.00	$4,000.00
	3	$75.00	$2,400.00
	4	$75.00	$2,400.00
Ref #114	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT, (75 EACH)**	
	Awd	$21.00	$1,575.00
	2	$15.00	$1,125.00
	3	$25.00	$1,875.00
	4	$21.00	$1,575.00
Ref #115	**630E87400**	**REMOVAL OF OVERHEAD MOUNTED SIGN, (58 EACH)**	
	Awd	$100.00	$5,800.00
	2	$150.00	$8,700.00
	3	$100.00	$5,800.00
	4	$100.00	$5,800.00
Ref #116	**630E87500**	**REMOVAL OF POLE MOUNTED SIGN, (15 EACH)**	
	Awd	$47.00	$705.00
	2	$25.00	$375.00
	3	$50.00	$750.00
	4	$48.00	$720.00
Ref #117	**630E89702**	**REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, (16 EACH)**	
	Awd	$2,600.00	$41,600.00
	2	$2,530.00	$40,480.00
	3	$2,700.00	$43,200.00
	4	$2,700.00	$43,200.00
Ref #118	**630E97700**	**SIGNING, MISC.:, 12" PVC PIPE, (22 EACH)**	
	Awd	$100.00	$2,200.00
	2	$50.00	$1,100.00
	3	$55.00	$1,210.00
	4	$377.00	$8,294.00
Ref #119	**646E10010**	**EDGE LINE, 6", (1.28 MILE)**	
	Awd	$3,768.00	$4,823.04
	2	$3,768.00	$4,823.04
	3	$4,000.00	$5,120.00
	4	$4,000.00	$5,120.00
Ref #120	**646E10110**	**LANE LINE, 6", (7.05 MILE)**	
	Awd	$2,250.00	$15,862.50
	2	$2,250.00	$15,862.50
	3	$2,400.00	$16,920.00
	4	$2,400.00	$16,920.00

Ref #121	**646E10200**	**CENTER LINE, (3.2 MILE)**	
	Awd	$4,628.00	$14,809.60
	2	$4,628.00	$14,809.60
	3	$5,000.00	$16,000.00
	4	$4,900.00	$15,680.00
Ref #122	**646E10310**	**CHANNELIZING LINE, 12", (12571 FT)**	
	Awd	$1.45	$18,227.95
	2	$1.45	$18,227.95
	3	$1.50	$18,856.50
	4	$1.50	$18,856.50
Ref #123	**646E10400**	**STOP LINE, (1190 FT)**	
	Awd	$13.00	$15,470.00
	2	$13.00	$15,470.00
	3	$14.00	$16,660.00
	4	$14.00	$16,660.00
Ref #124	**646E10520**	**CROSSWALK LINE, 24", (1715 FT)**	
	Awd	$13.00	$22,295.00
	2	$13.00	$22,295.00
	3	$14.00	$24,010.00
	4	$14.00	$24,010.00
Ref #125	**646E10600**	**TRANSVERSE/DIAGONAL LINE, (2555 FT)**	
	Awd	$10.00	$25,550.00
	2	$10.00	$25,550.00
	3	$11.00	$28,105.00
	4	$11.00	$28,105.00
Ref #126	**646E10800**	**ISLAND MARKING, YELLOW, (114 SF)**	
	Awd	$9.00	$1,026.00
	2	$9.00	$1,026.00
	3	$10.00	$1,140.00
	4	$9.00	$1,026.00
Ref #127	**646E20000**	**RAILROAD SYMBOL MARKING, (6 EACH)**	
	Awd	$60.00	$360.00
	2	$600.00	$3,600.00
	3	$650.00	$3,900.00
	4	$640.00	$3,840.00
Ref #128	**646E20300**	**LANE ARROW, (152 EACH)**	
	Awd	$150.00	$22,800.00
	2	$150.00	$22,800.00
	3	$175.00	$26,600.00
	4	$160.00	$24,320.00
Ref #129	**646E20504**	**DOTTED LINE, 6", (3085 FT)**	
	Awd	$1.50	$4,627.50
	2	$1.50	$4,627.50
	3	$1.75	$5,398.75
	4	$1.60	$4,936.00
Ref #130	**646E98000**	**PAVEMENT MARKING, MISC.: U-TURN LANE ARROW, (8 EACH)**	
	Awd	$300.00	$2,400.00
	2	$300.00	$2,400.00
	3	$325.00	$2,600.00
	4	$320.00	$2,560.00

Section 6 - TRAFFIC CONTROL (PART 1) - Totals

Awd	**$974,502.39**
2	**$970,518.80**
3	**$1,027,857.25**
4	**$1,025,123.30**

Ref #131	**625E18200**	**BRACKET ARM, 15', (17 EACH)**	
	Awd	$1,428.36	$24,282.12
	2	$1,350.00	$22,950.00
	3	$1,000.00	$17,000.00
	4	$1,440.00	$24,480.00
Ref #132	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (765 FT)**	
	Awd	$1.85	$1,415.25
	2	$1.75	$1,338.75
	3	$3.25	$2,486.25
	4	$1.90	$1,453.50
Ref #133	**625E25400**	**CONDUIT, 2", 725.04, (24 FT)**	
	Awd	$21.16	$507.84
	2	$20.00	$480.00
	3	$40.00	$960.00
	4	$22.00	$528.00
Ref #134	**625E25500**	**CONDUIT, 3", 725.04, (961 FT)**	
	Awd	$37.03	$35,585.83
	2	$35.00	$33,635.00
	3	$40.00	$38,440.00
	4	$37.00	$35,557.00
Ref #135	**625E25600**	**CONDUIT, 4", 725.04, (46 FT)**	
	Awd	$47.61	$2,190.06
	2	$45.00	$2,070.00
	3	$65.00	$2,990.00
	4	$52.00	$2,392.00
Ref #136	**625E25902**	**CONDUIT, JACKED OR DRILLED, 725.04, 4", (2065 FT)**	
	Awd	$79.35	$163,857.75
	2	$75.00	$154,875.00
	3	$85.00	$175,525.00
	4	$78.00	$161,070.00
Ref #137	**625E26252**	**LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 7000- , (17 EACH)**	
	Awd	$634.83	$10,792.11
	2	$600.00	$10,200.00
	3	$650.00	$11,050.00
	4	$590.00	$10,030.00
Ref #138	**625E29000**	**TRENCH, (916 FT)**	
	Awd	$10.58	$9,691.28
	2	$10.00	$9,160.00
	3	$20.00	$18,320.00
	4	$13.00	$11,908.00
Ref #139	**625E30700**	**PULL BOX, 725.08, 18", (20 EACH)**	
	Awd	$1,269.65	$25,393.00
	2	$1,200.00	$24,000.00
	3	$950.00	$19,000.00
	4	$1,400.00	$28,000.00

Ref #140	**625E30706**	**PULL BOX, 725.08, 24", (14 EACH)**	
	Awd	$1,587.06	$22,218.84
	2	$1,500.00	$21,000.00
	3	$1,100.00	$15,400.00
	4	$1,600.00	$22,400.00
Ref #141	**625E32000**	**GROUND ROD, (61 EACH)**	
	Awd	$211.61	$12,908.21
	2	$200.00	$12,200.00
	3	$250.00	$15,250.00
	4	$306.00	$18,666.00
Ref #142	**625E36011**	**UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN, (1002 FT)**	
	Awd	$0.53	$531.06
	2	$0.50	$501.00
	3	$1.00	$1,002.00
	4	$0.50	$501.00
Ref #143	**632E03200**	**VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED, 3 SEC, (3 EACH)**	
	Awd	$6,877.27	$20,631.81
	2	$6,500.00	$19,500.00
	3	$7,800.00	$23,400.00
	4	$5,400.00	$16,200.00
Ref #144	**632E03204**	**VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED, 5 SEC, (1 EACH)**	
	Awd	$11,638.46	$11,638.46
	2	$11,000.00	$11,000.00
	3	$13,500.00	$13,500.00
	4	$7,200.00	$7,200.00
Ref #145	**632E05006**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (75 EACH)**	
	Awd	$1,110.94	$83,320.50
	2	$1,050.00	$78,750.00
	3	$1,250.00	$93,750.00
	4	$1,300.00	$97,500.00
Ref #146	**632E05086**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (22 EACH)**	
	Awd	$1,692.87	$37,243.14
	2	$1,600.00	$35,200.00
	3	$2,000.00	$44,000.00
	4	$2,100.00	$46,200.00
Ref #147	**632E20731**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, , (32 EACH)**	
	Awd	$687.73	$22,007.36
	2	$650.00	$20,800.00
	3	$550.00	$17,600.00
	4	$790.00	$25,280.00
Ref #148	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (101 EACH)**	
	Awd	$10.58	$1,068.58
	2	$10.00	$1,010.00
	3	$60.00	$6,060.00
	4	$50.00	$5,050.00
Ref #149	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (32 EACH)**	
	Awd	$10.58	$338.56
	2	$10.00	$320.00
	3	$45.00	$1,440.00
	4	$48.00	$1,536.00

Ref #150	**632E26001**	**PEDESTRIAN PUSHBUTTON, AS PER PLAN, (32 EACH)**	
	Awd	$317.41	$10,157.12
	2	$300.00	$9,600.00
	3	$275.00	$8,800.00
	4	$310.00	$9,920.00
Ref #151	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (11510 FT)**	
	Awd	$3.70	$42,587.00
	2	$3.50	$40,285.00
	3	$2.75	$31,652.50
	4	$3.50	$40,285.00
Ref #152	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (13218 FT)**	
	Awd	$4.23	$55,912.14
	2	$4.00	$52,872.00
	3	$3.25	$42,958.50
	4	$4.00	$52,872.00
Ref #153	**632E64011**	**SIGNAL SUPPORT FOUNDATION, AS PER PLAN, (29 EACH)**	
	Awd	$8,993.36	$260,807.44
	2	$8,500.00	$246,500.00
	3	$8,500.00	$246,500.00
	4	$9,200.00	$266,800.00
Ref #154	**632E64020**	**PEDESTAL FOUNDATION, (20 EACH)**	
	Awd	$1,587.06	$31,741.20
	2	$1,500.00	$30,000.00
	3	$1,100.00	$22,000.00
	4	$1,600.00	$32,000.00
Ref #155	**632E64950**	**TEST HOLE PERFORMED, (29 EACH)**	
	Awd	$1,058.04	$30,683.16
	2	$1,000.00	$29,000.00
	3	$300.00	$8,700.00
	4	$1,400.00	$40,600.00
Ref #156	**632E68200**	**POWER CABLE, 2 CONDUCTOR, NO. 6 AWG, (35 FT)**	
	Awd	$6.35	$222.25
	2	$6.00	$210.00
	3	$10.00	$350.00
	4	$7.00	$245.00
Ref #157	**632E69600**	**SERVICE CABLE, 2 CONDUCTOR, NO. 4 AWG, (17 FT)**	
	Awd	$6.35	$107.95
	2	$6.00	$102.00
	3	$20.00	$340.00
	4	$9.00	$153.00
Ref #158	**632E70001**	**POWER SERVICE, AS PER PLAN, (7 EACH)**	
	Awd	$3,174.13	$22,218.91
	2	$3,000.00	$21,000.00
	3	$3,700.00	$25,900.00
	4	$4,100.00	$28,700.00
Ref #159	**632E72110**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, (1 EACH)**	
	Awd	$12,696.50	$12,696.50
	2	$12,000.00	$12,000.00
	3	$16,000.00	$16,000.00
	4	$13,000.00	$13,000.00

Ref #160	**632E72130**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, (1 EACH)**	
	Awd	$15,341.61	$15,341.61
	2	$14,500.00	$14,500.00
	3	$20,000.00	$20,000.00
	4	$15,000.00	$15,000.00
Ref #161	**632E72140**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, (6 EACH)**	
	Awd	$18,092.52	$108,555.12
	2	$17,100.00	$102,600.00
	3	$23,000.00	$138,000.00
	4	$24,000.00	$144,000.00
Ref #162	**632E72150**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, (3 EACH)**	
	Awd	$20,102.80	$60,308.40
	2	$19,000.00	$57,000.00
	3	$26,000.00	$78,000.00
	4	$25,000.00	$75,000.00
Ref #163	**632E79110**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (7 EACH)**	
	Awd	$13,754.54	$96,281.78
	2	$13,000.00	$91,000.00
	3	$16,000.00	$112,000.00
	4	$13,000.00	$91,000.00
Ref #164	**632E79130**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (1 EACH)**	
	Awd	$16,399.65	$16,399.65
	2	$15,500.00	$15,500.00
	3	$21,000.00	$21,000.00
	4	$16,000.00	$16,000.00
Ref #165	**632E79140**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (5 EACH)**	
	Awd	$20,367.31	$101,836.55
	2	$19,250.00	$96,250.00
	3	$25,000.00	$125,000.00
	4	$21,000.00	$105,000.00
Ref #166	**632E79150**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (4 EACH)**	
	Awd	$21,689.86	$86,759.44
	2	$20,500.00	$82,000.00
	3	$27,000.00	$108,000.00
	4	$23,000.00	$92,000.00
Ref #167	**632E89920**	**PEDESTAL, 10.7' TALL, TRANSFORMER BASE, (19 EACH)**	
	Awd	$2,645.10	$50,256.90
	2	$2,500.00	$47,500.00
	3	$1,800.00	$34,200.00
	4	$3,400.00	$64,600.00
Ref #168	**632E89930**	**PEDESTAL, 14.4' TALL, TRANSFORMER BASE, (1 EACH)**	
	Awd	$2,750.91	$2,750.91
	2	$2,600.00	$2,600.00
	3	$2,000.00	$2,000.00
	4	$4,500.00	$4,500.00
Ref #169	**632E90101**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLA, (8 EACH)**	
	Awd	$5,290.21	$42,321.68
	2	$5,000.00	$40,000.00
	3	$5,000.00	$40,000.00
	4	$3,200.00	$25,600.00

Ref #170	**633E65511**	**CABINET, TYPE TS-2, AS PER PLAN, (7 EACH)**	
	Awd	$17,986.71	$125,906.97
	2	$17,000.00	$119,000.00
	3	$21,000.00	$147,000.00
	4	$21,000.00	$147,000.00
Ref #171	**633E67101**	**CABINET FOUNDATION, AS PER PLAN, (7 EACH)**	
	Awd	$2,645.10	$18,515.70
	2	$2,500.00	$17,500.00
	3	$2,600.00	$18,200.00
	4	$3,200.00	$22,400.00
Ref #172	**633E67201**	**CONTROLLER WORK PAD, AS PER PLAN, (7 EACH)**	
	Awd	$1,587.06	$11,109.42
	2	$1,500.00	$10,500.00
	3	$525.00	$3,675.00
	4	$4,200.00	$29,400.00
Ref #173	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (7 EACH)**	
	Awd	$6,877.27	$48,140.89
	2	$6,500.00	$45,500.00
	3	$7,300.00	$51,100.00
	4	$7,500.00	$52,500.00
Ref #174	**690E98100**	**SPECIAL -RAILROAD BLANKOUT CABLE, 7 CONDUCTOR, NO., (278 FT)**	
	Awd	$4.23	$1,175.94
	2	$4.00	$1,112.00
	3	$4.00	$1,112.00
	4	$13.00	$3,614.00
Ref #175	**690E98100**	**SPECIAL -RAILROAD PREEMPT CABLE, CONDUCTOR, NO. 14, (117 FT)**	
	Awd	$4.23	$494.91
	2	$4.00	$468.00
	3	$3.00	$351.00
	4	$15.00	$1,755.00
Ref #176	**809E65990**	**ITS DEVICE, MISC.: REUSE COMMUNICATIONS DEVICE, (6 EACH)**	
	Awd	$1,058.04	$6,348.24
	2	$1,000.00	$6,000.00
	3	$950.00	$5,700.00
	4	$4,000.00	$24,000.00
Ref #177	**809E69001**	**ADVANCE RADAR DETECTION, AS PER PLAN, (20 EACH)**	
	Awd	$10,580.42	$211,608.40
	2	$10,000.00	$200,000.00
	3	$12,000.00	$240,000.00
	4	$7,000.00	$140,000.00
Ref #178	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (28 EACH)**	
	Awd	$10,051.40	$281,439.20
	2	$9,500.00	$266,000.00
	3	$11,000.00	$308,000.00
	4	$7,400.00	$207,200.00
Ref #179	**809E69123**	**ATC CONTROLLER, AS PER PLAN (PROGRAM AND INSTALL O, (7 EACH)**	
	Awd	$529.02	$3,703.14
	2	$500.00	$3,500.00
	3	$950.00	$6,650.00
	4	$4,800.00	$33,600.00

Ref #180	**819E10001**	**RAILROAD PREEMPTION INTERFACE, AS PER PLAN, US 224, (1 EACH)**	
	Awd	$10,580.42	$10,580.42
	2	$10,000.00	$10,000.00
	3	$12,000.00	$12,000.00
	4	$13,000.00	$13,000.00

Section 7 - TRAFFIC SIGNALS (PART 1) - Totals

Awd	**$2,252,590.70**
2	**$2,129,088.75**
3	**$2,392,362.25**
4	**$2,307,695.50**

Ref #181	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (240 HOUR)**	
	Awd	$85.00	$20,400.00
	2	$150.00	$36,000.00
	3	$100.00	$24,000.00
	4	$101.00	$24,240.00
Ref #182	**614E11300**	**SPECIAL - WORK ZONE TRAFFIC SIGNAL, (3 EACH)**	
	Awd	$16,000.00	$48,000.00
	2	$15,000.00	$45,000.00
	3	$4,500.00	$13,500.00
	4	$16,000.00	$48,000.00
Ref #183	**614E12420**	**DETOUR SIGNING, (LUMP SUM)**	
	Awd	$20,000.00	$20,000.00
	2	$25,000.00	$25,000.00
	3	$22,000.00	$22,000.00
	4	$21,000.00	$21,000.00
Ref #184	**614E18600**	**PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN, (96 SNMT)**	
	Awd	$850.00	$81,600.00
	2	$1,000.00	$96,000.00
	3	$900.00	$86,400.00
	4	$1,200.00	$115,200.00
Ref #185	**614E20010**	**WORK ZONE LANE LINE, CLASS I, 6", (10.22 MILE)**	
	Awd	$700.00	$7,154.00
	2	$700.00	$7,154.00
	3	$725.00	$7,409.50
	4	$750.00	$7,665.00
Ref #186	**614E20560**	**WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT, (7.03 MILE)**	
	Awd	$650.00	$4,569.50
	2	$650.00	$4,569.50
	3	$700.00	$4,921.00
	4	$700.00	$4,921.00
Ref #187	**614E21000**	**WORK ZONE CENTER LINE, CLASS I, (7.84 MILE)**	
	Awd	$1,250.00	$9,800.00
	2	$1,250.00	$9,800.00
	3	$1,300.00	$10,192.00
	4	$1,300.00	$10,192.00
Ref #188	**614E21550**	**WORK ZONE CENTER LINE, CLASS III, 642 PAINT, (3.18 MILE)**	
	Awd	$1,175.00	$3,736.50
	2	$1,175.00	$3,736.50
	3	$1,250.00	$3,975.00
	4	$1,250.00	$3,975.00

Ref #189	**614E22010**	**WORK ZONE EDGE LINE, CLASS I, 6", (WHITE), (5.78 MILE)**	
	Awd	$800.00	$4,624.00
	2	$800.00	$4,624.00
	3	$850.00	$4,913.00
	4	$850.00	$4,913.00
Ref #190	**614E22360**	**WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT, (1.25 MILE)**	
	Awd	$700.00	$875.00
	2	$700.00	$875.00
	3	$750.00	$937.50
	4	$750.00	$937.50
Ref #191	**614E23000**	**WORK ZONE CHANNELIZING LINE, CLASS I, 8", (21476 FT)**	
	Awd	$0.70	$15,033.20
	2	$0.70	$15,033.20
	3	$1.00	$21,476.00
	4	$0.70	$15,033.20
Ref #192	**614E23680**	**WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PA, (12570 FT)**	
	Awd	$0.66	$8,296.20
	2	$0.66	$8,296.20
	3	$1.00	$12,570.00
	4	$0.70	$8,799.00
Ref #193	**614E24000**	**WORK ZONE DOTTED LINE, CLASS I, (4268 FT)**	
	Awd	$0.88	$3,755.84
	2	$0.88	$3,755.84
	3	$1.00	$4,268.00
	4	$0.90	$3,841.20
Ref #194	**614E25000**	**WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, (4718 FT)**	
	Awd	$2.00	$9,436.00
	2	$2.00	$9,436.00
	3	$2.50	$11,795.00
	4	$2.00	$9,436.00
Ref #195	**614E26000**	**WORK ZONE STOP LINE, CLASS I, (2379 FT)**	
	Awd	$3.00	$7,137.00
	2	$3.00	$7,137.00
	3	$3.00	$7,137.00
	4	$3.00	$7,137.00
Ref #196	**614E26610**	**WORK ZONE STOP LINE, CLASS III, 642 PAINT, (1207 FT)**	
	Awd	$3.00	$3,621.00
	2	$3.00	$3,621.00
	3	$3.00	$3,621.00
	4	$3.00	$3,621.00
Ref #197	**614E27010**	**WORK ZONE CROSSWALK LINE, CLASS I, 12", (1625 FT)**	
	Awd	$1.75	$2,843.75
	2	$1.75	$2,843.75
	3	$2.00	$3,250.00
	4	$1.80	$2,925.00
Ref #198	**614E30000**	**WORK ZONE ARROW, CLASS I, (95 EACH)**	
	Awd	$55.00	$5,225.00
	2	$55.00	$5,225.00
	3	$60.00	$5,700.00
	4	$59.00	$5,605.00

Ref #199	**616E10000**	**WATER, (5 MGAL)**	
	Awd	$1.00	$5.00
	2	$128.90	$644.50
	3	$150.00	$750.00
	4	$195.00	$975.00
Ref #200	**831E00101**	**LONGITUDINAL CHANNELIZING DEVICE, AS PER PLAN, (3380 FT)**	
	Awd	$85.00	$287,300.00
	2	$115.00	$388,700.00
	3	$88.00	$297,440.00
	4	$90.00	$304,200.00
Ref #201	**831E00101**	**LONGITUDINAL CHANNELIZING DEVICE, AS PER PLAN, 24 , (1892 FT)**	
	Awd	$85.00	$160,820.00
	2	$115.00	$217,580.00
	3	$88.00	$166,496.00
	4	$90.00	$170,280.00

Section 8 - MAINTENANCE OF TRAFFIC (PART 1) - Totals

Awd	**$704,231.99**
2	**$895,031.49**
3	**$712,751.00**
4	**$772,895.90**

Ref #202	**202E23001**	**PAVEMENT REMOVED, AS PER PLAN (ASPHALT), (1196 SY)**	
	Awd	$19.00	$22,724.00
	2	$20.00	$23,920.00
	3	$28.00	$33,488.00
	4	$30.00	$35,880.00
Ref #203	**202E30000**	**WALK REMOVED, (80 SF)**	
	Awd	$5.00	$400.00
	2	$10.00	$800.00
	3	$20.00	$1,600.00
	4	$35.00	$2,800.00
Ref #204	**203E10000**	**EXCAVATION, (25 CY)**	
	Awd	$40.00	$1,000.00
	2	$35.00	$875.00
	3	$50.00	$1,250.00
	4	$90.00	$2,250.00
Ref #205	**203E35110**	**GRANULAR MATERIAL, TYPE B, (25 CY)**	
	Awd	$70.00	$1,750.00
	2	$125.00	$3,125.00
	3	$100.00	$2,500.00
	4	$170.00	$4,250.00
Ref #206	**204E10000**	**SUBGRADE COMPACTION, (1196 SY)**	
	Awd	$2.00	$2,392.00
	2	$1.00	$1,196.00
	3	$3.00	$3,588.00
	4	$13.00	$15,548.00
Ref #207	**204E50000**	**GEOTEXTILE FABRIC, (75 SY)**	
	Awd	$7.00	$525.00
	2	$5.00	$375.00
	3	$6.00	$450.00
	4	$1.00	$75.00

Ref #208	**608E21200**	**TEMPORARY ASPHALT CONCRETE WALK, (80 SF)**	
	Awd	$25.00	$2,000.00
	2	$5.00	$400.00
	3	$20.00	$1,600.00
	4	$80.00	$6,400.00
Ref #209	**690E20010**	**SPECIAL - AS-BUILT CONSTRUCTION PLANS, (LUMP SUM)**	
	Awd	$7,500.00	$7,500.00
	2	$20,000.00	$20,000.00
	3	$5,500.00	$5,500.00
	4	$5,000.00	$5,000.00

Section 9 - ROADWAY (PART 2) - Totals

Awd	**$38,291.00**
2	**$50,691.00**
3	**$49,976.00**
4	**$72,203.00**

Ref #210	**832E30000**	**EROSION CONTROL, (14545 EACH)**	
	Awd	$1.00	$14,545.00
	2	$1.00	$14,545.00
	3	$1.00	$14,545.00
	4	$1.00	$14,545.00

Section 10 - EROSION CONTROL (PART 2) - Totals

Awd	**$14,545.00**
2	**$14,545.00**
3	**$14,545.00**
4	**$14,545.00**

Ref #211	**301E56000**	**ASPHALT CONCRETE BASE, PG64-22, (449), (301 CY)**	
	Awd	$320.00	$96,320.00
	2	$300.00	$90,300.00
	3	$295.00	$88,795.00
	4	$300.00	$90,300.00
Ref #212	**304E20000**	**AGGREGATE BASE, (212 CY)**	
	Awd	$115.00	$24,380.00
	2	$175.00	$37,100.00
	3	$90.00	$19,080.00
	4	$200.00	$42,400.00
Ref #213	**407E20000**	**NON-TRACKING TACK COAT, (183 GAL)**	
	Awd	$3.05	$558.15
	2	$3.50	$640.50
	3	$4.00	$732.00
	4	$3.05	$558.15
Ref #214	**442E22300**	**ASPHALT CONCRETE INTERMEDIATE COURSE, 12.5 MM, TYP, (119 CY)**	
	Awd	$325.00	$38,675.00
	2	$335.00	$39,865.00
	3	$310.00	$36,890.00
	4	$322.00	$38,318.00

Section 11 - PAVEMENT (PART 2) - Totals

Awd	**$159,933.15**
2	**$167,905.50**
3	**$145,497.00**
4	**$171,576.15**

Ref #215	**202E35100**	**PIPE REMOVED, 24" DIAMETER AND UNDER, (5 FT)**	
	Awd	$100.00	$500.00
	2	$165.00	$825.00
	3	$340.00	$1,700.00
	4	$250.00	$1,250.00
Ref #216	**202E70000**	**SPECIAL - FILL AND PLUG EXISTING CONDUIT, 8", (3017 FT)**	
	Awd	$12.00	$36,204.00
	2	$4.00	$12,068.00
	3	$22.00	$66,374.00
	4	$15.00	$45,255.00
Ref #217	**202E98600**	**ABANDON MISC.: WATER VALVE BOX, (9 EACH)**	
	Awd	$100.00	$900.00
	2	$200.00	$1,800.00
	3	$800.00	$7,200.00
	4	$900.00	$8,100.00
Ref #218	**638E20086**	**SPECIAL - 8" WATER MAIN DIP CLASS 52 PUSH ON JOINT, (2075 FT)**	
	Awd	$200.00	$415,000.00
	2	$150.00	$311,250.00
	3	$160.00	$332,000.00
	4	$250.00	$518,750.00
Ref #219	**638E20554**	**SPECIAL - 8" GATE VALVE WITH VALVE BOX, CITY OF YO, (7 EACH)**	
	Awd	$4,500.00	$31,500.00
	2	$2,000.00	$14,000.00
	3	$3,500.00	$24,500.00
	4	$2,500.00	$17,500.00
Ref #220	**638E20558**	**SPECIAL - 8" INSERTING VALVE WITH VALVE BOX, CITY , (3 EACH)**	
	Awd	$15,000.00	$45,000.00
	2	$12,000.00	$36,000.00
	3	$18,000.00	$54,000.00
	4	$12,000.00	$36,000.00
Ref #221	**638E20694**	**SPECIAL - 8" X 8" TAPPING SLEEVE, VALVE AND VALVE , (1 EACH)**	
	Awd	$9,500.00	$9,500.00
	2	$8,500.00	$8,500.00
	3	$9,000.00	$9,000.00
	4	$6,000.00	$6,000.00
Ref #222	**638E20750**	**SPECIAL - 6" FIRE HYDRANT, CITY OF YOUNGSTOWN, (5 EACH)**	
	Awd	$12,000.00	$60,000.00
	2	$11,000.00	$55,000.00
	3	$13,000.00	$65,000.00
	4	$18,000.00	$90,000.00
Ref #223	**638E20760**	**SPECIAL - FIRE HYDRANT REMOVED AND DISPOSED OF, CI, (4 EACH)**	
	Awd	$500.00	$2,000.00
	2	$1,000.00	$4,000.00
	3	$1,800.00	$7,200.00
	4	$1,600.00	$6,400.00

Ref #224	**638E20786**	**SPECIAL - RETAP AND RECONNECT WATER SERVICE CONNEC, (309 FT)**	
	Awd	$85.00	$26,265.00
	2	$125.00	$38,625.00
	3	$90.00	$27,810.00
	4	$140.00	$43,260.00
Ref #225	**638E98600**	**WATER WORK, MISC.: 6" CLASS 52 DIP SERVICE BRANCH,, (14 FT)**	
	Awd	$600.00	$8,400.00
	2	$575.00	$8,050.00
	3	$400.00	$5,600.00
	4	$650.00	$9,100.00
Ref #226	**638E98600**	**WATER WORK, MISC.: 6" FIRE SUPPRESSION LINE, COMPL, (42 FT)**	
	Awd	$450.00	$18,900.00
	2	$600.00	$25,200.00
	3	$350.00	$14,700.00
	4	$450.00	$18,900.00
Ref #227	**638E98600**	**WATER WORK, MISC.: 8" CLASS 52 DIP SERVICE BR, (19 FT)**	
	Awd	$700.00	$13,300.00
	2	$1,000.00	$19,000.00
	3	$425.00	$8,075.00
	4	$650.00	$12,350.00
Ref #228	**638E98600**	**WATER WORK, MISC.: 8" FIRE SUPPRESSION LINE, , (198 FT)**	
	Awd	$460.00	$91,080.00
	2	$250.00	$49,500.00
	3	$360.00	$71,280.00
	4	$500.00	$99,000.00

Section 12 - WATER WORK (PART 2) - Totals

Awd	**$758,549.00**
2	**$583,818.00**
3	**$694,439.00**
4	**$911,865.00**

Ref #229	**100E00300**	**PREMIUM ON RAILROADS' PROTECTIVE PUBLIC LIABILITY , (LUMP SUM)**	
	Awd	$16,000.00	$16,000.00
	2	$25,000.00	$25,000.00
	3	$3,500.00	$3,500.00
	4	$10,000.00	$10,000.00
Ref #230	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$70,000.00	$70,000.00
	2	$100,000.00	$100,000.00
	3	$100,000.00	$100,000.00
	4	$100,000.00	$100,000.00
Ref #231	**108E10000**	**CPM PROGRESS SCHEDULE, (LUMP SUM)**	
	Awd	$25,000.00	$25,000.00
	2	$75,000.00	$75,000.00
	3	$7,500.00	$7,500.00
	4	$15,000.00	$15,000.00
Ref #232	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$863,000.00	$863,000.00
	2	$1,250,000.00	$1,250,000.00
	3	$2,005,533.50	$2,005,533.50
	4	$1,265,000.00	$1,265,000.00

Ref #233	**619E16021**	**FIELD OFFICE, TYPE C, AS PER PLAN, (24 MNTH)**	
	Awd	$3,500.00	$84,000.00
	2	$4,000.00	$96,000.00
	3	$6,500.00	$156,000.00
	4	$7,000.00	$168,000.00
Ref #234	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$240,000.00	$240,000.00
	2	$250,000.00	$250,000.00
	3	$200,000.00	$200,000.00
	4	$350,000.00	$350,000.00
Ref #235	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$700,000.00	$700,000.00
	2	$750,000.00	$750,000.00
	3	$400,000.00	$400,000.00
	4	$828,000.00	$828,000.00

Section 13 - INCIDENTALS (PART 1 AND PART 2) - Totals

Awd	**$1,998,000.00**
2	**$2,546,000.00**
3	**$2,872,533.50**
4	**$2,736,000.00**