Ohio Department of Transportation
Official Bid Tabulation
Jack Marchbanks, Ph.D., Director

Project No. 240015
PID 115984
KNO-SR 229/SR 308-13.06/00.00
Federal
Type: INTERSECTION
Letting Date: 1/11/2024
Completion Date: 11/1/2024

Contract Awarded To: SHELLY & SANDS INC
Award Amount: $3,269,456.95

Engineer's Estimate: $3,524,000.00

Bidder 1
SHELLY & SANDS INC
1515 HARMON AVE
Franklin
COLUMBUS, OH 43223
Bid $3,269,456.95

Bidder 2
ECLIPSE CO LLC
11554 EAST WASHINGTON ST
Geauga
CHAGRIN FALLS, OH 44023
Bid $3,269,517.00

Bidder 3
TRUCCO CONSTRUCTION CO INC
3531 AIRPORT RD
Delaware
DELAWARE, OH 43015
Bid $3,603,149.62

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$40,000.00	$40,000.00
	2	$31,440.00	$31,440.00
	3	$29,900.00	$29,900.00
Ref #2	**202E20010**	**HEADWALL REMOVED, (3 EACH)**	
	Awd	$430.00	$1,290.00
	2	$267.00	$801.00
	3	$635.00	$1,905.00
Ref #3	**202E23000**	**PAVEMENT REMOVED, (9033 SY)**	
	Awd	$7.00	$63,231.00
	2	$10.00	$90,330.00
	3	$11.50	$103,879.50
Ref #4	**202E32500**	**CURB AND GUTTER REMOVED, (206 FT)**	
	Awd	$5.50	$1,133.00
	2	$32.00	$6,592.00
	3	$9.50	$1,957.00
Ref #5	**202E35100**	**PIPE REMOVED, 24" AND UNDER, (660 FT)**	
	Awd	$25.00	$16,500.00
	2	$17.00	$11,220.00
	3	$32.00	$21,120.00
Ref #6	**202E35200**	**PIPE REMOVED, OVER 24", (4 FT)**	
	Awd	$100.00	$400.00
	2	$114.00	$456.00
	3	$250.00	$1,000.00
Ref #7	**202E38000**	**GUARDRAIL REMOVED, (1478 FT)**	
	Awd	$2.00	$2,956.00
	2	$2.00	$2,956.00
	3	$7.50	$11,085.00
Ref #8	**202E42000**	**ANCHOR ASSEMBLY REMOVED, TYPE A, (3 EACH)**	
	Awd	$325.00	$975.00
	2	$289.00	$867.00
	3	$325.00	$975.00
Ref #9	**202E58100**	**CATCH BASIN REMOVED, (4 EACH)**	
	Awd	$265.00	$1,060.00
	2	$547.00	$2,188.00
	3	$750.00	$3,000.00
Ref #10	**203E10000**	**EXCAVATION, (6340 CY)**	
	Awd	$19.00	$120,460.00
	2	$12.00	$76,080.00
	3	$10.00	$63,400.00
Ref #11	**203E20000**	**EMBANKMENT, (5785 CY)**	
	Awd	$13.00	$75,205.00
	2	$8.00	$46,280.00
	3	$6.00	$34,710.00
Ref #12	**204E10000**	**SUBGRADE COMPACTION, (10087 SY)**	
	Awd	$3.40	$34,295.80
	2	$1.00	$10,087.00
	3	$2.10	$21,182.70

Ref #13	**204E13000**	**EXCAVATION OF SUBGRADE, (297 CY)**	
	Awd	$29.00	$8,613.00
	2	$34.00	$10,098.00
	3	$35.50	$10,543.50
Ref #14	**204E30010**	**GRANULAR MATERIAL, TYPE B, (297 CY)**	
	Awd	$65.00	$19,305.00
	2	$74.00	$21,978.00
	3	$72.00	$21,384.00
Ref #15	**204E45000**	**PROOF ROLLING, (4 HOUR)**	
	Awd	$258.00	$1,032.00
	2	$285.00	$1,140.00
	3	$338.00	$1,352.00
Ref #16	**204E50000**	**GEOTEXTILE FABRIC, (1109 SY)**	
	Awd	$0.60	$665.40
	2	$1.00	$1,109.00
	3	$1.75	$1,940.75
Ref #17	**606E15050**	**GUARDRAIL, TYPE MGS, (1125 FT)**	
	Awd	$20.00	$22,500.00
	2	$21.00	$23,625.00
	3	$23.00	$25,875.00
Ref #18	**606E26150**	**ANCHOR ASSEMBLY, MGS TYPE E (MASH 2016), (1 EACH)**	
	Awd	$2,500.00	$2,500.00
	2	$2,755.00	$2,755.00
	3	$2,600.00	$2,600.00
Ref #19	**606E26550**	**ANCHOR ASSEMBLY, MGS TYPE T, (1 EACH)**	
	Awd	$1,250.00	$1,250.00
	2	$1,451.00	$1,451.00
	3	$1,500.00	$1,500.00
Ref #20	**608E52001**	**CURB RAMP, AS PER PLAN, (81 SF)**	
	Awd	$58.00	$4,698.00
	2	$21.00	$1,701.00
	3	$66.50	$5,386.50

Section 1 - ROADWAY (PART 1) - Totals

Awd	**$418,069.20**
2	**$343,154.00**
3	**$364,695.95**

Ref #21	**601E21050**	**TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT, (8 SY)**	
	Awd	$42.00	$336.00
	2	$135.00	$1,080.00
	3	$161.00	$1,288.00
Ref #22	**601E32200**	**ROCK CHANNEL PROTECTION, TYPE C WITH FILTER, (7 CY)**	
	Awd	$445.00	$3,115.00
	2	$217.00	$1,519.00
	3	$288.00	$2,016.00
Ref #23	**659E00100**	**SOIL ANALYSIS TEST, (2 EACH)**	
	Awd	$125.00	$250.00
	2	$131.00	$262.00
	3	$125.00	$250.00

Ref #24	**659E00300**	**TOPSOIL, (67 CY)**	
	Awd	$73.00	$4,891.00
	2	$119.00	$7,973.00
	3	$28.50	$1,909.50
Ref #25	**659E00510**	**SEEDING AND MULCHING, CLASS 2, (12000 SY)**	
	Awd	$1.00	$12,000.00
	2	$1.00	$12,000.00
	3	$0.90	$10,800.00
Ref #26	**659E14000**	**REPAIR SEEDING AND MULCHING, (600 SY)**	
	Awd	$0.80	$480.00
	2	$1.00	$600.00
	3	$2.40	$1,440.00
Ref #27	**659E15000**	**INTER-SEEDING, (600 SY)**	
	Awd	$0.50	$300.00
	2	$1.00	$600.00
	3	$2.40	$1,440.00
Ref #28	**659E20000**	**COMMERCIAL FERTILIZER, (1.67 TON)**	
	Awd	$889.00	$1,484.63
	2	$935.00	$1,561.45
	3	$1,620.00	$2,705.40
Ref #29	**659E31000**	**LIME, (2.48 ACRE)**	
	Awd	$159.00	$394.32
	2	$166.00	$411.68
	3	$710.00	$1,760.80
Ref #30	**659E35000**	**WATER, (66 MGAL)**	
	Awd	$1.00	$66.00
	2	$1.00	$66.00
	3	$15.00	$990.00
Ref #31	**670E00500**	**SLOPE EROSION PROTECTION, (6700 SY)**	
	Awd	$1.50	$10,050.00
	2	$2.00	$13,400.00
	3	$2.70	$18,090.00
Ref #32	**832E15000**	**STORM WATER POLLUTION PREVENTION PLAN, (LUMP SUM)**	
	Awd	$1,900.00	$1,900.00
	2	$1,877.00	$1,877.00
	3	$1,785.00	$1,785.00
Ref #33	**832E15002**	**STORM WATER POLLUTION PREVENTION INSPECTIONS, (LUMP SUM)**	
	Awd	$9,000.00	$9,000.00
	2	$4,416.00	$4,416.00
	3	$8,400.00	$8,400.00
Ref #34	**832E15010**	**STORM WATER POLLUTION PREVENTION INSPECTION SOFTWA, (LUMP SUM)**	
	Awd	$10,500.00	$10,500.00
	2	$10,401.00	$10,401.00
	3	$10,500.00	$10,500.00
Ref #35	**832E30000**	**EROSION CONTROL, (50000 EACH)**	
	Awd	$1.00	$50,000.00
	2	$1.00	$50,000.00
	3	$1.00	$50,000.00

Section 2 - EROSION CONTROL (PART 1) - Totals

Awd	**$104,766.95**
2	**$106,167.13**
3	**$113,374.70**

Ref #36	**602E20000**	**CONCRETE MASONRY, (2 CY)**	
	Awd	$2,100.00	$4,200.00
	2	$1,716.00	$3,432.00
	3	$3,600.00	$7,200.00
Ref #37	**605E14000**	**6" BASE PIPE UNDERDRAINS, (4039 FT)**	
	Awd	$11.75	$47,458.25
	2	$12.00	$48,468.00
	3	$12.25	$49,477.75
Ref #38	**611E00510**	**6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS, (162 FT)**	
	Awd	$28.00	$4,536.00
	2	$28.00	$4,536.00
	3	$40.25	$6,520.50
Ref #39	**611E00900**	**6" CONDUIT, TYPE B, (62 FT)**	
	Awd	$34.00	$2,108.00
	2	$31.00	$1,922.00
	3	$49.00	$3,038.00
Ref #40	**611E04400**	**12" CONDUIT, TYPE B, (137 FT)**	
	Awd	$85.00	$11,645.00
	2	$85.00	$11,645.00
	3	$78.25	$10,720.25
Ref #41	**611E04400**	**12" CONDUIT, TYPE B, 706.02, (10 FT)**	
	Awd	$269.00	$2,690.00
	2	$162.00	$1,620.00
	3	$222.00	$2,220.00
Ref #42	**611E04600**	**12" CONDUIT, TYPE C, (150 FT)**	
	Awd	$85.00	$12,750.00
	2	$73.00	$10,950.00
	3	$72.50	$10,875.00
Ref #43	**611E05900**	**15" CONDUIT, TYPE B, (30 FT)**	
	Awd	$121.00	$3,630.00
	2	$90.00	$2,700.00
	3	$84.50	$2,535.00
Ref #44	**611E06100**	**15" CONDUIT, TYPE C, (25 FT)**	
	Awd	$121.00	$3,025.00
	2	$85.00	$2,125.00
	3	$77.00	$1,925.00
Ref #45	**611E07400**	**18" CONDUIT, TYPE B, (80 FT)**	
	Awd	$148.00	$11,840.00
	2	$96.00	$7,680.00
	3	$108.00	$8,640.00
Ref #46	**611E19600**	**42" CONDUIT, TYPE C, (14 FT)**	
	Awd	$282.00	$3,948.00
	2	$174.00	$2,436.00
	3	$250.00	$3,500.00

Ref #47	**611E98150**	**CATCH BASIN, NO. 3, (2 EACH)**	
	Awd	$4,390.00	$8,780.00
	2	$4,710.00	$9,420.00
	3	$5,400.00	$10,800.00
Ref #48	**611E98470**	**CATCH BASIN, NO. 2-2B, (1 EACH)**	
	Awd	$3,285.00	$3,285.00
	2	$3,947.00	$3,947.00
	3	$2,900.00	$2,900.00
Ref #49	**611E98540**	**CATCH BASIN, NO. 2-4, (1 EACH)**	
	Awd	$4,800.00	$4,800.00
	2	$5,789.00	$5,789.00
	3	$6,400.00	$6,400.00
Ref #50	**611E98690**	**CATCH BASIN, MISC.: AS PER PLAN A, (4 EACH)**	
	Awd	$3,700.00	$14,800.00
	2	$3,527.00	$14,108.00
	3	$4,000.00	$16,000.00
Ref #51	**611E98690**	**CATCH BASIN, MISC.: AS PER PLAN B, (2 EACH)**	
	Awd	$4,750.00	$9,500.00
	2	$4,191.00	$8,382.00
	3	$6,250.00	$12,500.00
Ref #52	**611E99574**	**MANHOLE, NO. 3, (1 EACH)**	
	Awd	$10,750.00	$10,750.00
	2	$12,158.00	$12,158.00
	3	$21,000.00	$21,000.00
Ref #53	**611E99580**	**MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR, (1 EACH)**	
	Awd	$14,250.00	$14,250.00
	2	$11,609.00	$11,609.00
	3	$14,000.00	$14,000.00
Ref #54	**611E99582**	**MANHOLE, NO. 3 WITH 90" BASE I.D. AND 8" WEIR, (1 EACH)**	
	Awd	$16,000.00	$16,000.00
	2	$13,293.00	$13,293.00
	3	$16,500.00	$16,500.00
Ref #55	**611E99710**	**PRECAST REINFORCED CONCRETE OUTLET, (4 EACH)**	
	Awd	$535.00	$2,140.00
	2	$499.00	$1,996.00
	3	$450.00	$1,800.00
Ref #56	**613E41200**	**LOW STRENGTH MORTAR BACKFILL, (25 CY)**	
	Awd	$145.00	$3,625.00
	2	$224.00	$5,600.00
	3	$210.00	$5,250.00
Ref #57	**895E10010**	**MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1, (1 EACH)**	
	Awd	$25,000.00	$25,000.00
	2	$15,250.00	$15,250.00
	3	$19,750.00	$19,750.00
Ref #58	**895E10020**	**MANUFACTURED WATER QUALITY STRUCTURE, TYPE 2, (1 EACH)**	
	Awd	$30,000.00	$30,000.00
	2	$20,511.00	$20,511.00
	3	$28,800.00	$28,800.00

Section 3 - DRAINAGE (PART 1) - Totals

Awd	**$250,760.25**
2	**$219,577.00**
3	**$262,351.50**

Ref #59	**252E01500**	**FULL DEPTH PAVEMENT SAWING, (40 FT)**	
	Awd	$3.25	$130.00
	2	$15.00	$600.00
	3	$7.50	$300.00
Ref #60	**253E02001**	**PAVEMENT REPAIR, AS PER PLAN, (50 CY)**	
	Awd	$540.00	$27,000.00
	2	$315.00	$15,750.00
	3	$450.00	$22,500.00
Ref #61	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE (1 1/4"), (108 SY)**	
	Awd	$112.00	$12,096.00
	2	$58.00	$6,264.00
	3	$55.50	$5,994.00
Ref #62	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE), (3600 SY)**	
	Awd	$9.75	$35,100.00
	2	$2.00	$7,200.00
	3	$2.00	$7,200.00
Ref #63	**301E56000**	**ASPHALT CONCRETE BASE, PG64-22, (449), (1449 CY)**	
	Awd	$174.00	$252,126.00
	2	$189.00	$273,861.00
	3	$170.00	$246,330.00
Ref #64	**304E20000**	**AGGREGATE BASE, (1993 CY)**	
	Awd	$79.00	$157,447.00
	2	$74.00	$147,482.00
	3	$92.00	$183,356.00
Ref #65	**407E20000**	**NON-TRACKING TACK COAT, (854 GAL)**	
	Awd	$3.50	$2,989.00
	2	$3.00	$2,562.00
	3	$2.75	$2,348.50
Ref #66	**441E70000**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG, (40 CY)**	
	Awd	$428.00	$17,120.00
	2	$315.00	$12,600.00
	3	$300.00	$12,000.00
Ref #67	**441E70100**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG, (278 CY)**	
	Awd	$263.00	$73,114.00
	2	$331.00	$92,018.00
	3	$315.00	$87,570.00
Ref #68	**441E70300**	**ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449, (384 CY)**	
	Awd	$189.00	$72,576.00
	2	$252.00	$96,768.00
	3	$240.00	$92,160.00
Ref #69	**452E12010**	**8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, (109 SY)**	
	Awd	$167.00	$18,203.00
	2	$84.00	$9,156.00
	3	$120.50	$13,134.50

Ref #70	**452E14111**	**11" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P,, (626 SY)**	
	Awd	$187.00	$117,062.00
	2	$116.00	$72,616.00
	3	$207.00	$129,582.00
Ref #71	**609E12000**	**COMBINATION CURB AND GUTTER, TYPE 2, (525 FT)**	
	Awd	$55.00	$28,875.00
	2	$28.00	$14,700.00
	3	$42.50	$22,312.50
Ref #72	**609E18000**	**COMBINATION CURB AND GUTTER, TYPE 3, (2304 FT)**	
	Awd	$31.00	$71,424.00
	2	$24.00	$55,296.00
	3	$36.00	$82,944.00
Ref #73	**609E18001**	**COMBINATION CURB AND GUTTER, TYPE 3, AS PER PLAN, (32 FT)**	
	Awd	$117.00	$3,744.00
	2	$28.00	$896.00
	3	$150.00	$4,800.00
Ref #74	**609E26000**	**CURB, TYPE 6, (1428 FT)**	
	Awd	$31.00	$44,268.00
	2	$24.00	$34,272.00
	3	$29.00	$41,412.00
Ref #75	**609E31000**	**COMBINATION CURB AND GUTTER, TYPE 9, (303 FT)**	
	Awd	$43.00	$13,029.00
	2	$28.00	$8,484.00
	3	$36.00	$10,908.00
Ref #76	**609E70000**	**4" CONCRETE MEDIAN, (321 SY)**	
	Awd	$78.00	$25,038.00
	2	$7.00	$2,247.00
	3	$64.00	$20,544.00
Ref #77	**617E10100**	**COMPACTED AGGREGATE, TYPE A, (15 CY)**	
	Awd	$196.00	$2,940.00
	2	$152.00	$2,280.00
	3	$410.00	$6,150.00

Section 4 - PAVEMENT (PART 1) - Totals

Awd	**$974,281.00**
2	**$855,052.00**
3	**$991,545.50**

Ref #78	**638E01800**	**10" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 52, PU, (490 FT)**	
	Awd	$200.00	$98,000.00
	2	$157.00	$76,930.00
	3	$250.00	$122,500.00
Ref #79	**638E09520**	**10" X 10" TAPPING SLEEVE, VALVE AND VALVE BOX, (1 EACH)**	
	Awd	$12,500.00	$12,500.00
	2	$6,082.00	$6,082.00
	3	$14,700.00	$14,700.00
Ref #80	**638E98000**	**WATER WORK, MISC.: CHLORINE FEED VAULT, ADJUSTED T, (1 EACH)**	
	Awd	$3,000.00	$3,000.00
	2	$1,615.00	$1,615.00
	3	$5,400.00	$5,400.00

Section 5 - WATER WORK (PART 1) - Totals

Awd	**$113,500.00**
2	**$84,627.00**
3	**$142,600.00**

Ref #81	**625E00450**	**CONNECTION, FUSED PULL APART, (22 EACH)**	
	Awd	$100.00	$2,200.00
	2	$126.00	$2,772.00
	3	$121.48	$2,672.56
Ref #82	**625E00480**	**CONNECTION, UNFUSED PERMANENT, (24 EACH)**	
	Awd	$100.00	$2,400.00
	2	$126.00	$3,024.00
	3	$121.48	$2,915.52
Ref #83	**625E10500**	**LIGHT POLE, MISC.: DECORATIVE, ANCHOR BASE, 30' PO, (11 EACH)**	
	Awd	$6,480.00	$71,280.00
	2	$8,044.00	$88,484.00
	3	$7,744.45	$85,188.95
Ref #84	**625E14000**	**LIGHT POLE FOUNDATION, 24" X 6' DEEP, (11 EACH)**	
	Awd	$1,200.00	$13,200.00
	2	$1,682.00	$18,502.00
	3	$1,619.75	$17,817.25
Ref #85	**625E23200**	**NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE, (1128 FT)**	
	Awd	$2.25	$2,538.00
	2	$4.00	$4,512.00
	3	$4.05	$4,568.40
Ref #86	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (715 FT)**	
	Awd	$1.20	$858.00
	2	$2.00	$1,430.00
	3	$2.02	$1,444.30
Ref #87	**625E24320**	**1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT C, (960 FT)**	
	Awd	$9.00	$8,640.00
	2	$15.00	$14,400.00
	3	$14.17	$13,603.20
Ref #88	**625E25500**	**CONDUIT, 3", 725.04, (286 FT)**	
	Awd	$30.00	$8,580.00
	2	$33.00	$9,438.00
	3	$31.38	$8,974.68
Ref #89	**625E27600**	**LUMINAIRE, MISC.: POST-TOP SOLID STATE (LED) DECOR, (11 EACH)**	
	Awd	$2,167.00	$23,837.00
	2	$2,261.00	$24,871.00
	3	$2,176.55	$23,942.05
Ref #90	**625E29002**	**TRENCH, 24" DEEP, (1116 FT)**	
	Awd	$10.00	$11,160.00
	2	$14.00	$15,624.00
	3	$13.16	$14,686.56
Ref #91	**625E30700**	**PULL BOX, 725.08, 18", (6 EACH)**	
	Awd	$1,250.00	$7,500.00
	2	$1,209.00	$7,254.00
	3	$1,164.20	$6,985.20

Ref #92	**625E32000**	**GROUND ROD, (11 EACH)**	
	Awd	$200.00	$2,200.00
	2	$342.00	$3,762.00
	3	$329.01	$3,619.11
Ref #93	**625E34001**	**POWER SERVICE, AS PER PLAN, (1 EACH)**	
	Awd	$6,500.00	$6,500.00
	2	$9,752.00	$9,752.00
	3	$9,388.50	$9,388.50
Ref #94	**625E36010**	**UNDERGROUND WARNING/MARKING TAPE, (1116 FT)**	
	Awd	$1.50	$1,674.00
	2	$3.00	$3,348.00
	3	$3.04	$3,392.64

Section 6 - LIGHTING (PART 1) - Totals

Awd	**$162,567.00**
2	**$207,173.00**
3	**$199,198.92**

Ref #95	**621E00100**	**RPM, (93 EACH)**	
	Awd	$60.00	$5,580.00
	2	$59.00	$5,487.00
	3	$60.00	$5,580.00
Ref #96	**621E54000**	**RAISED PAVEMENT MARKER REMOVED, (34 EACH)**	
	Awd	$8.00	$272.00
	2	$11.00	$374.00
	3	$40.00	$1,360.00
Ref #97	**626E00110**	**BARRIER REFLECTOR, TYPE 2 (1 WAY), (30 EACH)**	
	Awd	$10.00	$300.00
	2	$13.00	$390.00
	3	$15.00	$450.00
Ref #98	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (597.5 FT)**	
	Awd	$13.50	$8,066.25
	2	$8.00	$4,780.00
	3	$15.00	$8,962.50
Ref #99	**630E04100**	**GROUND MOUNTED SUPPORT, NO. 4 POST, (73 FT)**	
	Awd	$25.00	$1,825.00
	2	$12.00	$876.00
	3	$15.00	$1,095.00
Ref #100	**630E08600**	**SIGN POST REFLECTOR, (7 EACH)**	
	Awd	$44.00	$308.00
	2	$24.00	$168.00
	3	$35.00	$245.00
Ref #101	**630E79500**	**SIGN SUPPORT ASSEMBLY, POLE MOUNTED, (2 EACH)**	
	Awd	$150.00	$300.00
	2	$184.00	$368.00
	3	$75.00	$150.00
Ref #102	**630E80100**	**SIGN, FLAT SHEET, (330.6 SF)**	
	Awd	$20.00	$6,612.00
	2	$14.00	$4,628.40
	3	$27.50	$9,091.50

Ref #103	**630E84900**	**REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, (50 EACH)**	
	Awd	$20.00	$1,000.00
	2	$24.00	$1,200.00
	3	$10.00	$500.00
Ref #104	**630E85100**	**REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, (4 EACH)**	
	Awd	$110.00	$440.00
	2	$51.00	$204.00
	3	$100.00	$400.00
Ref #105	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSA, (35 EACH)**	
	Awd	$20.00	$700.00
	2	$34.00	$1,190.00
	3	$10.00	$350.00
Ref #106	**642E00300**	**CENTER LINE, TYPE 1, (0.09 MILE)**	
	Awd	$2,500.00	$225.00
	2	$21,030.00	$1,892.70
	3	$20,000.00	$1,800.00
Ref #107	**644E00104**	**EDGE LINE, 6", (0.7 MILE)**	
	Awd	$6,965.00	$4,875.50
	2	$5,257.00	$3,679.90
	3	$5,000.00	$3,500.00
Ref #108	**644E00300**	**CENTER LINE, (0.46 MILE)**	
	Awd	$9,320.00	$4,287.20
	2	$7,360.00	$3,385.60
	3	$7,000.00	$3,220.00
Ref #109	**644E00500**	**STOP LINE, (20 FT)**	
	Awd	$9.80	$196.00
	2	$9.00	$180.00
	3	$9.00	$180.00
Ref #110	**644E00630**	**CROSSWALK LINE, 24", (95 FT)**	
	Awd	$7.25	$688.75
	2	$7.00	$665.00
	3	$7.00	$665.00
Ref #111	**644E00700**	**TRANSVERSE/DIAGONAL LINE, (268 FT)**	
	Awd	$9.00	$2,412.00
	2	$7.00	$1,876.00
	3	$7.00	$1,876.00
Ref #112	**644E01510**	**DOTTED LINE, 6", (169 FT)**	
	Awd	$3.30	$557.70
	2	$4.00	$676.00
	3	$4.00	$676.00
Ref #113	**644E20800**	**YIELD LINE, (77 FT)**	
	Awd	$14.25	$1,097.25
	2	$8.00	$616.00
	3	$8.00	$616.00

Section 7 - TRAFFIC CONTROL (PART 1) - Totals

Awd	**$39,742.65**
2	**$32,636.60**
3	**$40,717.00**

Ref #114	**661E19000**	**DECIDUOUS SHRUB, 12" HEIGHT, ARROWWOOD, (25 EACH)**	
	Awd	$98.00	$2,450.00
	2	$102.00	$2,550.00
	3	$78.00	$1,950.00
Ref #115	**661E19000**	**DECIDUOUS SHRUB, 12" HEIGHT, BUTTONBUSH, (25 EACH)**	
	Awd	$98.00	$2,450.00
	2	$102.00	$2,550.00
	3	$78.00	$1,950.00
Ref #116	**661E19000**	**DECIDUOUS SHRUB, 12" HEIGHT, NANNYBERRY, (25 EACH)**	
	Awd	$98.00	$2,450.00
	2	$102.00	$2,550.00
	3	$78.00	$1,950.00
Ref #117	**661E19000**	**DECIDUOUS SHRUB, 12" HEIGHT, RED OSIER DOGWOOD, (25 EACH)**	
	Awd	$98.00	$2,450.00
	2	$102.00	$2,550.00
	3	$78.00	$1,950.00
Ref #118	**661E19000**	**DECIDUOUS SHRUB, 12" HEIGHT, SILKY DOGWOOD, (25 EACH)**	
	Awd	$98.00	$2,450.00
	2	$102.00	$2,550.00
	3	$78.00	$1,950.00
Ref #119	**662E31000**	**LANDSCAPE WATERING, (125 GAL)**	
	Awd	$2.50	$312.50
	2	$3.00	$375.00
	3	$32.00	$4,000.00
Ref #120	**690E98700**	**SPECIAL - OVERSIZED COBBLE ROUND GRAVEL (SIZE 2"-4, (78 CY)**	
	Awd	$214.50	$16,731.00
	2	$225.00	$17,550.00
	3	$85.00	$6,630.00

Section 8 - LANDSCAPING (PART 1) - Totals

Awd	**$29,293.50**
2	**$30,675.00**
3	**$20,380.00**

Ref #121	**507E00400**	**STEEL PILES, MISC.: SOLDIER PILES W27X102, (1165 FT)**	
	Awd	$91.00	$106,015.00
	2	$93.00	$108,345.00
	3	$200.00	$233,000.00
Ref #122	**509E10000**	**EPOXY COATED STEEL REINFORCEMENT, (18259 LB)**	
	Awd	$2.25	$41,082.75
	2	$5.00	$91,295.00
	3	$3.00	$54,777.00
Ref #123	**511E46012**	**CLASS QC1 CONCRETE WITH QC/QA, RETAINING/WINGWALL , (123 CY)**	
	Awd	$2,500.00	$307,500.00
	2	$2,061.00	$253,503.00
	3	$1,400.00	$172,200.00
Ref #124	**512E10100**	**SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), (303 SY)**	
	Awd	$24.50	$7,423.50
	2	$43.00	$13,029.00
	3	$26.50	$8,029.50

Ref #125	**512E33001**	**TYPE 2 WATERPROOFING, AS PER PLAN, (59 SY)**	
	Awd	$35.00	$2,065.00
	2	$77.00	$4,543.00
	3	$50.00	$2,950.00
Ref #126	**513E20001**	**WELDED STUD SHEAR CONNECTORS, AS PER PLAN, (1592 EACH)**	
	Awd	$5.00	$7,960.00
	2	$29.00	$46,168.00
	3	$23.00	$36,616.00
Ref #127	**516E13600**	**1" PREFORMED EXPANSION JOINT FILLER, (45 SF)**	
	Awd	$1.75	$78.75
	2	$9.00	$405.00
	3	$50.00	$2,250.00
Ref #128	**518E20000**	**PREFABRICATED GEOCOMPOSITE DRAIN, (339 SY)**	
	Awd	$24.00	$8,136.00
	2	$39.00	$13,221.00
	3	$40.00	$13,560.00
Ref #129	**518E21100**	**POROUS BACKFILL, (40 CY)**	
	Awd	$188.00	$7,520.00
	2	$81.00	$3,240.00
	3	$150.00	$6,000.00
Ref #130	**518E40000**	**6" PERFORATED CORRUGATED PLASTIC PIPE, (270 FT)**	
	Awd	$60.00	$16,200.00
	2	$4.00	$1,080.00
	3	$14.00	$3,780.00
Ref #131	**518E40012**	**6" NON-PERFORATED CORRUGATED PLASTIC PIPE, (20 FT)**	
	Awd	$48.00	$960.00
	2	$8.00	$160.00
	3	$125.00	$2,500.00
Ref #132	**524E94701**	**DRILLED SHAFTS, 36" DIAMETER, AS PER PLAN, (648 FT)**	
	Awd	$206.00	$133,488.00
	2	$421.00	$272,808.00
	3	$365.00	$236,520.00
Ref #133	**530E13000**	**SPECIAL - FORM LINER, (2466 SF)**	
	Awd	$11.25	$27,742.50
	2	$14.00	$34,524.00
	3	$16.00	$39,456.00
Ref #134	**530E51020**	**SPECIAL - RETAINING WALL, TIMBER LAGGING, (3055 SF)**	
	Awd	$16.00	$48,880.00
	2	$23.00	$70,265.00
	3	$39.00	$119,145.00

Section 9 - RETAINING WALLS (PART 1) - Totals

Awd	**$715,051.50**
2	**$912,586.00**
3	**$930,783.50**

Ref #135	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (120 HOUR)**	
	Awd	$95.00	$11,400.00
	2	$68.00	$8,160.00
	3	$135.00	$16,200.00

Ref #136	**614E12420**	**DETOUR SIGNING, (LUMP SUM)**	
	Awd	$7,500.00	$7,500.00
	2	$9,453.00	$9,453.00
	3	$32,500.00	$32,500.00
Ref #137	**614E13000**	**ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, (25 CY)**	
	Awd	$145.00	$3,625.00
	2	$368.00	$9,200.00
	3	$520.00	$13,000.00
Ref #138	**614E18601**	**PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN, (48 SNMT)**	
	Awd	$1,000.00	$48,000.00
	2	$1,051.00	$50,448.00
	3	$810.00	$38,880.00
Ref #139	**616E10000**	**WATER, (63 MGAL)**	
	Awd	$50.00	$3,150.00
	2	$22.00	$1,386.00
	3	$85.00	$5,355.00

Section 10 - MAINTENANCE OF TRAFFIC (PART 1) - Totals

Awd	**$73,675.00**
2	**$78,647.00**
3	**$105,935.00**

Ref #140	**202E32000**	**CURB REMOVED, (30 FT)**	
	Awd	$18.00	$540.00
	2	$18.00	$540.00
	3	$24.00	$720.00
Ref #141	**203E10000**	**EXCAVATION, (200 CY)**	
	Awd	$35.00	$7,000.00
	2	$28.00	$5,600.00
	3	$19.00	$3,800.00
Ref #142	**203E20000**	**EMBANKMENT, (200 CY)**	
	Awd	$21.00	$4,200.00
	2	$28.00	$5,600.00
	3	$4.00	$800.00
Ref #143	**204E10000**	**SUBGRADE COMPACTION, (1146 SY)**	
	Awd	$5.00	$5,730.00
	2	$1.00	$1,146.00
	3	$3.50	$4,011.00
Ref #144	**253E01000**	**PAVEMENT REPAIR, (5 SY)**	
	Awd	$425.00	$2,125.00
	2	$273.00	$1,365.00
	3	$375.00	$1,875.00
Ref #145	**607E98000**	**FENCE, MISC.:BIKEWAY RAILING (PER ODOT SCD RM-5.2), (486 FT)**	
	Awd	$52.00	$25,272.00
	2	$50.00	$24,300.00
	3	$54.50	$26,487.00
Ref #146	**608E52001**	**CURB RAMP, AS PER PLAN, (337 SF)**	
	Awd	$45.00	$15,165.00
	2	$16.00	$5,392.00
	3	$35.00	$11,795.00

Ref #147	**609E12000**	**COMBINATION CURB AND GUTTER, TYPE 2, (30 FT)**	
	Awd	$61.00	$1,830.00
	2	$28.00	$840.00
	3	$66.50	$1,995.00
Ref #148	**616E10000**	**WATER, (2 MGAL)**	
	Awd	$105.00	$210.00
	2	$48.00	$96.00
	3	$85.00	$170.00
Ref #149	**690E50610**	**SPECIAL - BOLLARD, HINGED (PLASTIC), (2 EACH)**	
	Awd	$575.00	$1,150.00
	2	$931.00	$1,862.00
	3	$800.00	$1,600.00

Section 11 - ROADWAY (PART 2) - Totals

Awd	**$63,222.00**
2	**$46,741.00**
3	**$53,253.00**

Ref #150	**304E20000**	**AGGREGATE BASE, (192 CY)**	
	Awd	$100.00	$19,200.00
	2	$96.00	$18,432.00
	3	$90.00	$17,280.00
Ref #151	**407E20000**	**NON-TRACKING TACK COAT, (118 GAL)**	
	Awd	$3.25	$383.50
	2	$3.00	$354.00
	3	$2.75	$324.50
Ref #152	**441E70000**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG, (34 CY)**	
	Awd	$355.00	$12,070.00
	2	$631.00	$21,454.00
	3	$600.00	$20,400.00
Ref #153	**441E70300**	**ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449, (48 CY)**	
	Awd	$275.00	$13,200.00
	2	$473.00	$22,704.00
	3	$450.00	$21,600.00

Section 12 - PAVEMENT (PART 2) - Totals

Awd	**$44,853.50**
2	**$62,944.00**
3	**$59,604.50**

Ref #154	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (11.5 FT)**	
	Awd	$20.00	$230.00
	2	$8.00	$92.00
	3	$15.00	$172.50
Ref #155	**630E80100**	**SIGN, FLAT SHEET, (2.25 SF)**	
	Awd	$30.00	$67.50
	2	$14.00	$31.50
	3	$27.50	$61.88

Section 13 - TRAFFIC CONTROL (PART 2) - Totals

Awd	**$297.50**
2	**$123.50**
3	**$234.38**

Ref #156	**625E00450**	**CONNECTION, FUSED PULL APART, (18 EACH)**	
	Awd	$100.00	$1,800.00
	2	$126.00	$2,268.00
	3	$121.48	$2,186.64
Ref #157	**625E00480**	**CONNECTION, UNFUSED PERMANENT, (12 EACH)**	
	Awd	$100.00	$1,200.00
	2	$126.00	$1,512.00
	3	$121.48	$1,457.76
Ref #158	**625E10480**	**LIGHT POLE, AESTHETIC ANCHOR BASE, 14' POLE, (9 EACH)**	
	Awd	$6,012.00	$54,108.00
	2	$7,360.00	$66,240.00
	3	$7,086.43	$63,777.87
Ref #159	**625E14000**	**LIGHT POLE FOUNDATION, 24" X 6' DEEP, (9 EACH)**	
	Awd	$1,200.00	$10,800.00
	2	$1,682.00	$15,138.00
	3	$1,619.75	$14,577.75
Ref #160	**625E23200**	**NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE, (582 FT)**	
	Awd	$2.25	$1,309.50
	2	$4.00	$2,328.00
	3	$4.05	$2,357.10
Ref #161	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (297 FT)**	
	Awd	$1.20	$356.40
	2	$2.00	$594.00
	3	$2.02	$599.94
Ref #162	**625E24100**	**1-1/2" DUCT CABLE WITH TWO NO. 4 AWG 2400 VOLT CAB, (1084 FT)**	
	Awd	$8.00	$8,672.00
	2	$15.00	$16,260.00
	3	$14.17	$15,360.28
Ref #163	**625E27600**	**LUMINAIRE, MISC.: POST TOP SOLID STATE (LED) DECOR, (9 EACH)**	
	Awd	$2,100.00	$18,900.00
	2	$2,313.00	$20,817.00
	3	$2,227.16	$20,044.44
Ref #164	**625E29002**	**TRENCH, 24" DEEP, (994 FT)**	
	Awd	$10.00	$9,940.00
	2	$14.00	$13,916.00
	3	$13.16	$13,081.04
Ref #165	**625E32000**	**GROUND ROD, (9 EACH)**	
	Awd	$200.00	$1,800.00
	2	$342.00	$3,078.00
	3	$329.01	$2,961.09
Ref #166	**625E36010**	**UNDERGROUND WARNING/MARKING TAPE, (994 FT)**	
	Awd	$1.50	$1,491.00
	2	$3.00	$2,982.00
	3	$3.04	$3,021.76

Section 14 - LIGHTING (PART 2) - Totals

Awd	**$110,376.90**
2	**$145,133.00**
3	**$139,425.67**

Ref #167	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$18,000.00	$18,000.00
	2	$30,000.00	$30,000.00
	3	$21,250.00	$21,250.00
Ref #168	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$10,000.00	$10,000.00
	2	$15,000.00	$15,000.00
	3	$8,000.00	$8,000.00
Ref #169	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$36,000.00	$36,000.00
	2	$15,000.00	$15,000.00
	3	$46,750.00	$46,750.00
Ref #170	**623E10001**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER P, (LUMP SUM)**	
	Awd	$5,000.00	$5,000.00
	2	$5,000.00	$5,000.00
	3	$3,050.00	$3,050.00
Ref #171	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$100,000.00	$100,000.00
	2	$79,280.77	$79,280.77
	3	$100,000.00	$100,000.00

Section 15 - INCIDENTALS (PART 1 AND PART 2) - Totals

Awd	**$169,000.00**
2	**$144,280.77**
3	**$179,050.00**