

Estimate 19415

Estimated Cost:\$56,549,006.99

Contingency: 0.00%

Estimated Total: \$56,549,006.99

SCI-823-6.81 / Phase 1 - Final Estimate

Base Date: 04/16/11

Spec Year: 10

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: SCIOTO

Midpoint of Latitude: 385025

Midpoint of Longitude: 825050

District: 09

Federal/State Project Number: G990(624)

Prepared by HDR Engineering, Inc. on 09/13/11

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0001: ROADWAY					
0005	201E11000	1.000	LS	\$725,000.00000	\$725,000.00
CLEARING AND GRUBBING 290 ACRES @ \$2,500 / ACRE					
0006	202E11004	1.000	EACH	\$2,505.19273	\$2,505.19
STRUCTURE REMOVED					
0007	202E20010	8.000	EACH	\$363.86158	\$2,910.89
HEADWALL REMOVED					
0008	202E23000	75.000	SY	\$10.85480	\$814.11
PAVEMENT REMOVED					
0009	202E23010	5,655.000	SY	\$3.33460	\$18,857.16
PAVEMENT REMOVED, ASPHALT					
0010	202E30000	628.000	SF	\$0.91725	\$576.03
WALK REMOVED					
0011	202E35100	2,642.000	FT	\$7.54522	\$19,934.47
PIPE REMOVED, 24" AND UNDER					
0012	202E35200	382.000	FT	\$23.48164	\$8,969.99
PIPE REMOVED, OVER 24"					
0013	202E38000	3,614.000	FT	\$1.30390	\$4,712.29
GUARDRAIL REMOVED					
0014	202E42806	1.000	EACH	\$200.00000	\$200.00
ANCHOR ASSEMBLY REMOVED FOR REUSE					
0015	202E53100	8.000	EACH	\$44.30508	\$354.44
MAILBOX REMOVED					
0016	202E58100	14.000	EACH	\$281.92215	\$3,946.91
CATCH BASIN REMOVED					
0017	202E60010	1.000	EACH	\$119.99240	\$119.99
MONUMENT ASSEMBLY REMOVED					
0018	202E70000	30.000	FT	\$31.75675	\$952.70
SPECIAL - FILL AND PLUG EXISTING CONDUIT					
0019	202E70100	50.000	FT	\$21.23087	\$1,061.54
SPECIAL - PIPE CLEANOUT					
0020	202E75000	15,256.000	FT	\$1.90151	\$29,009.44
FENCE REMOVED					
0021	202E75250	4.000	EACH	\$125.94319	\$503.77
GATE REMOVED					
0022	202E98100	21.000	EACH	\$41.30424	\$867.39
REMOVAL MISC.: POST					
0023	203E07504	4,581,674.000	FT	\$0.50000	\$2,290,837.00
SPECIAL - WICK DRAIN					
0024	203E07510	19.000	EACH	\$3,100.00000	\$58,900.00
SPECIAL - PIEZOMETER VIBRATING WIRE PIEZOMETER, AS PER PLAN					
0025	203E10000	4,460,896.000	CY	\$3.35000	\$14,944,001.60
EXCAVATION					
0026	203E10001	1,512.000	CY	\$3.35000	\$5,065.20
EXCAVATION, AS PER PLAN SPECIAL BENCHING CUT					
0027	203E20000	3,525,513.000	CY	\$0.74000	\$2,608,879.62
EMBANKMENT					
0028	203E20001	1,512.000	CY	\$0.74000	\$1,118.88
EMBANKMENT, AS PER PLAN SPECIAL BENCHING FILL					
0029	203E20001	169,877.000	CY	\$17.00000	\$2,887,909.00
EMBANKMENT, AS PER PLAN WICK DRAIN					
0030	203E48000	804,236.000	CY	\$0.74000	\$595,134.64

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	ROCK				
0031	203E65000 SPECIAL - SETTLEMENT PLATFORM	19.000	EACH	\$1,052.19420	\$19,991.69
0032	203E98000 ROADWAY, MISC.: WASTE	794,338.000	CY	\$1.10000	\$873,771.80
0033	204E10000 SUBGRADE COMPACTION	198,840.000	SY	\$0.98464	\$195,785.82
0034	204E13000 EXCAVATION OF SUBGRADE	51,007.000	CY	\$3.35000	\$170,873.45
0035	204E30020 GRANULAR MATERIAL, TYPE C	51,995.000	CY	\$22.00000	\$1,143,890.00
0036	204E45000 PROOF ROLLING	73.000	HOUR	\$124.41546	\$9,082.33
0037	204E50000 GEOTEXTILE FABRIC	42,280.000	SY	\$0.77344	\$32,701.04
0038	208E10000 PRE-BLAST CONDITION SURVEY	1.000	LS	\$12,000.00000	\$12,000.00
0039	208E12000 BLASTING CONSULTANT	1.000	LS	\$40,000.00000	\$40,000.00
0040	208E13000 AIR BLAST AND NOISE CONTROL	1.000	LS	\$9,500.00000	\$9,500.00
0041	208E14000 VIBRATION CONTROL AND MONITORING	1.000	LS	\$9,200.00000	\$9,200.00
0042	208E15000 PRESPLITTING	57,492.000	SY	\$11.00000	\$632,412.00
0043	208E16000 HYDROLOGIST	1.000	LS	\$150,000.00000	\$150,000.00
0044	209E10000 DITCH CLEANOUT	420.000	FT	\$14.45634	\$6,071.66
0045	604E38500 MONUMENT ASSEMBLY	25.000	EACH	\$685.76992	\$17,144.25
0046	604E40500 REFERENCE MONUMENT	11.000	EACH	\$271.17942	\$2,982.97
0047	606E13000 GUARDRAIL, TYPE 5	27,925.000	FT	\$8.72338	\$243,600.39
0048	606E17290 GUARDRAIL, TYPE 5, LONG-SPAN	200.000	FT	\$20.82894	\$4,165.79
0049	606E20000 FLARED END SECTION	4.000	EACH	\$45.04787	\$180.19
0050	606E22010 ANCHOR ASSEMBLY, TYPE E-98	9.000	EACH	\$1,726.26749	\$15,536.41
0051	606E26500 ANCHOR ASSEMBLY, TYPE T	10.000	EACH	\$607.94622	\$6,079.46
0052	606E35000 BRIDGE TERMINAL ASSEMBLY, TYPE 1	7.000	EACH	\$1,062.78926	\$7,439.52
0053	606E35100 BRIDGE TERMINAL ASSEMBLY, TYPE 2	7.000	EACH	\$300.96247	\$2,106.74
0054	607E15000 FENCE, TYPE 47	43,629.000	FT	\$4.64067	\$202,467.79
0055	607E50901 GATE, TYPE CL, AS PER PLAN	4.000	EACH	\$1,050.00000	\$4,200.00
0056	622E10100 CONCRETE BARRIER, SINGLE SLOPE, TYPE B1	6,833.000	FT	\$65.23744	\$445,767.43
0057	622E10140 CONCRETE BARRIER, SINGLE SLOPE, TYPE C1	4,954.000	FT	\$72.60914	\$359,705.68
0058	622E10160 CONCRETE BARRIER, SINGLE SLOPE, TYPE D	1,388.000	FT	\$52.06258	\$72,262.86
0059	622E10161	1,865.000	FT	\$54.76797	\$102,142.26

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CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN					
0060	622E25020	38.000	EACH	\$1,051.90331	\$39,972.33
CONCRETE BARRIER, END ANCHORAGE, REINFORCED					
0061	622E25050	10.000	EACH	\$1,400.19086	\$14,001.91
CONCRETE BARRIER, END ANCHORAGE, REINFORCED, TYPE D					
0062	690E50100	9.000	EACH	\$110.41767	\$993.76
SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE					
0063	690E50350	9.000	EACH	\$94.37281	\$849.36
SPECIAL - MAILBOX REMOVED AND RESET					
0064	690E98000	8.000	EACH	\$1,700.00000	\$13,600.00
SPECIAL - MISC.: SURFACE MONUMENT AND MONITORING, AS PER PLAN					
0065	690E98400	1.000	LS	\$50,000.00000	\$50,000.00
SPECIAL - MISC.: SOILS CONSULTANT FOR FIELD TESTING AND INSPECTION					

Total for Group 0001:\$29,123,621.14

Group 0002: EROSION CONTROL

0066	601E11000	25.000	SY	\$115.51044	\$2,887.76
RIPRAP USING 6" REINFORCED CONCRETE SLAB					
0067	601E20000	6,873.000	SY	\$15.00000	\$103,095.00
CRUSHED AGGREGATE SLOPE PROTECTION					
0068	601E21050	166.000	SY	\$69.58295	\$11,550.77
TIED CONCRETE BLOCK MAT, TYPE 1					
0069	601E21060	9,679.000	SY	\$75.00000	\$725,925.00
TIED CONCRETE BLOCK MAT, TYPE 2					
0070	601E27000	13,700.000	CY	\$35.00000	\$479,500.00
DUMPED ROCK FILL, TYPE C					
0071	601E32000	242.000	CY	\$66.88427	\$16,185.99
ROCK CHANNEL PROTECTION, TYPE A WITH FILTER					
0072	601E32004	102.000	CY	\$66.82978	\$6,816.64
ROCK CHANNEL PROTECTION, TYPE A WITH FABRIC FILTER					
0073	601E32104	161.000	CY	\$53.03509	\$8,538.65
ROCK CHANNEL PROTECTION, TYPE B WITH FABRIC FILTER					
0074	601E32204	862.000	CY	\$53.69496	\$46,285.06
ROCK CHANNEL PROTECTION, TYPE C WITH FABRIC FILTER					
0075	601E37500	1,865.000	FT	\$27.00000	\$50,355.00
PAVED GUTTER, TYPE 1-2					
0076	616E10000	427.000	MGAL	\$4.93290	\$2,106.35
WATER					
0077	659E00100	19.000	EACH	\$24.17257	\$459.28
SOIL ANALYSIS TEST					
0078	659E00300	784.000	CY	\$16.68341	\$13,079.79
TOPSOIL					
0079	659E10000	774,334.000	SY	\$0.21706	\$168,076.94
SEEDING AND MULCHING					
0080	659E14000	38,702.000	SY	\$0.16545	\$6,403.25
REPAIR SEEDING AND MULCHING					
0081	659E15000	38,702.000	SY	\$0.05583	\$2,160.73
INTER-SEEDING					
0082	659E20000	107.940	TON	\$250.00000	\$26,985.00
COMMERCIAL FERTILIZER					
0083	659E31000	17.770	ACRE	\$36.38674	\$646.59
LIME					
0084	659E35000	4,285.000	MGAL	\$0.04975	\$213.18
WATER					
0085	659E40000	1,726.000	MSF	\$0.69239	\$1,195.07
MOWING					

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0086	670E00500	8,825.000	SY	\$1.17962	\$10,410.15
SLOPE EROSION PROTECTION					
0087	670E10020	11,948.000	SY	\$1.24142	\$14,832.49
VEGETATED SWALE EROSION PROTECTION MAT, TYPE B					
0088	832E15000	1.000	LS	\$50,000.00000	\$50,000.00
STORM WATER POLLUTION PREVENTION PLAN					
0089	832E30000	1.000	EACH	\$1,860,000.00000	\$1,860,000.00
EROSION CONTROL					
0090	836E10000	7,930.000	SY	\$3.06490	\$24,304.66
SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 1					
0091	836E10020	1,684.000	SY	\$4.18770	\$7,052.09
SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 2					
0092	836E10030	585.000	SY	\$8.84705	\$5,175.52
SEEDING AND EROSION CONTROL WITH TURF REINFORCING MAT, TYPE 3					
0093	838E20700	119.000	CY	\$180.00000	\$21,420.00
GABIONS					

Total for Group 0002:\$3,665,660.96

Group 0003: DRAINAGE

0094	602E20000	77.400	CY	\$1,079.14511	\$83,525.83
CONCRETE MASONRY					
0095	603E00200	7.000	FT	\$18.53179	\$129.72
4" CONDUIT, TYPE C					
0096	603E00510	6,105.000	FT	\$10.64691	\$64,999.39
6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS					
0097	603E04400	222.000	FT	\$25.57827	\$5,678.38
12" CONDUIT, TYPE B					
0098	603E04600	4.000	FT	\$43.61119	\$174.44
12" CONDUIT, TYPE C					
0099	603E04900	169.000	FT	\$32.10063	\$5,425.01
12" CONDUIT, TYPE D					
0100	603E05900	1,723.000	FT	\$44.57152	\$76,796.73
15" CONDUIT, TYPE B					
0101	603E05901	451.000	FT	\$71.95958	\$32,453.77
15" CONDUIT, TYPE B, AS PER PLAN					
0102	603E06400	107.000	FT	\$30.81268	\$3,296.96
15" CONDUIT, TYPE D					
0103	603E06700	2,223.000	FT	\$54.00000	\$120,042.00
15" CONDUIT, TYPE F					
0104	603E07400	607.000	FT	\$50.64032	\$30,738.67
18" CONDUIT, TYPE B					
0105	603E07401	63.000	FT	\$104.06102	\$6,555.84
18" CONDUIT, TYPE B, AS PER PLAN					
0106	603E07900	42.000	FT	\$45.20531	\$1,898.62
18" CONDUIT, TYPE D					
0107	603E08200	202.000	FT	\$63.74282	\$12,876.05
18" CONDUIT, TYPE F					
0108	603E08900	66.000	FT	\$60.77098	\$4,010.88
21" CONDUIT, TYPE B					
0109	603E10400	128.000	FT	\$70.19989	\$8,985.59
24" CONDUIT, TYPE B					
0110	603E10600	172.000	FT	\$40.90981	\$7,036.49
24" CONDUIT, TYPE C					
0111	603E10900	51.000	FT	\$55.93146	\$2,852.50
24" CONDUIT, TYPE D					
0112	603E11200	151.000	FT	\$57.00000	\$8,607.00
24" CONDUIT, TYPE F					
0113	603E11700	213.000	FT	\$69.00000	\$14,697.00

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	27" CONDUIT, TYPE A				
0114	603E11900	192.000	FT	\$71.05947	\$13,643.42
	27" CONDUIT, TYPE B				
0115	603E13200	120.000	FT	\$74.57651	\$8,949.18
	30" CONDUIT, TYPE A				
0116	603E13400	168.000	FT	\$94.47469	\$15,871.75
	30" CONDUIT, TYPE B				
0117	603E16200	375.000	FT	\$98.00000	\$36,750.00
	36" CONDUIT, TYPE A				
0118	603E16400	67.000	FT	\$106.06959	\$7,106.66
	36" CONDUIT, TYPE B				
0119	603E20700	1,361.000	FT	\$113.00000	\$153,793.00
	48" CONDUIT, TYPE A				
0120	603E22200	1,422.000	FT	\$135.00000	\$191,970.00
	54" CONDUIT, TYPE A				
0121	603E26000	1,722.000	FT	\$202.00000	\$347,844.00
	72" CONDUIT, TYPE A				
0122	603E27000	612.000	FT	\$225.00000	\$137,700.00
	78" CONDUIT, TYPE A				
0123	603E52900	43.000	FT	\$270.00000	\$11,610.00
	34" X 53" CONDUIT, TYPE A, 706.04				
0124	604E00400	1.000	EACH	\$2,310.53827	\$2,310.54
	CATCH BASIN, NO. 3				
0125	604E00800	2.000	EACH	\$1,783.23444	\$3,566.47
	CATCH BASIN, NO. 3A				
0126	604E04500	7.000	EACH	\$997.83136	\$6,984.82
	CATCH BASIN, NO. 2-2B				
0127	604E04900	5.000	EACH	\$1,300.36760	\$6,501.84
	CATCH BASIN, NO. 2-3				
0128	604E05300	1.000	EACH	\$1,575.66694	\$1,575.67
	CATCH BASIN, NO. 2-4				
0129	604E10100	3.000	EACH	\$1,103.69780	\$3,311.09
	INLET, SIDE DITCH				
0130	604E20514	10.000	EACH	\$5,179.31752	\$51,793.18
	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1				
0131	604E20515	10.000	EACH	\$6,000.00000	\$60,000.00
	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE B1, AS PER PLAN				
0132	604E20524	10.000	EACH	\$5,585.16484	\$55,851.65
	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE C1				
0133	604E20530	7.000	EACH	\$4,787.93915	\$33,515.57
	INLET, NO. 3 FOR SINGLE SLOPE BARRIER, TYPE D				
0134	604E30100	3.000	EACH	\$2,415.48390	\$7,246.45
	MANHOLE, NO. 1				
0135	604E36600	86.000	EACH	\$189.46710	\$16,294.17
	PRECAST REINFORCED CONCRETE OUTLET				
0136	604E60000	5,000.000	FT	\$71.66647	\$358,332.35
	SPECIAL - TRENCH DRAIN				
0137	605E11110	26,329.000	FT	\$6.14064	\$161,676.91
	6" SHALLOW PIPE UNDERDRAINS WITH FABRIC WRAP				
0138	605E12210	5,951.000	FT	\$8.54087	\$50,826.72
	6" DEEP PIPE UNDERDRAINS WITH FABRIC WRAP				
0139	605E13410	792.000	FT	\$8.26157	\$6,543.16
	6" UNCLASSIFIED PIPE UNDERDRAINS WITH FABRIC WRAP				
0140	605E13500	33,975.000	FT	\$6.00000	\$203,850.00
	6" ROCK CUT UNDERDRAINS				
0141	605E14020	24,122.000	FT	\$6.17074	\$148,850.59
	6" BASE PIPE UNDERDRAINS WITH FABRIC WRAP				
0142	605E31100	2,021.000	FT	\$6.28710	\$12,706.23
	AGGREGATE DRAINS				

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Total for Group 0003:\$2,607,756.29

Group 0004: PAVEMENT

0143	252E01500	101.000	FT	\$4.11901	\$416.02
FULL DEPTH PAVEMENT SAWING					
0144	254E01000	252.000	SY	\$15.44192	\$3,891.36
PAVEMENT PLANING, ASPHALT CONCRETE					
0145	302E46000	37,485.000	CY	\$75.21180	\$2,819,314.32
ASPHALT CONCRETE BASE, PG64-22					
0146	304E20000	33,939.000	CY	\$28.96780	\$983,138.16
AGGREGATE BASE					
0147	407E10000	13,818.000	GAL	\$2.22920	\$30,803.09
TACK COAT					
0148	407E14000	7,127.000	GAL	\$2.00633	\$14,299.11
TACK COAT FOR INTERMEDIATE COURSE					
0149	408E10000	76,113.000	GAL	\$2.53665	\$193,072.04
PRIME COAT					
0150	422E10000	8,326.000	SY	\$3.22265	\$26,831.78
SINGLE CHIP SEAL					
0151	442E10000	7,436.000	CY	\$134.96157	\$1,003,574.23
ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (446)					
0152	442E10100	8,861.000	CY	\$117.55057	\$1,041,615.60
ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (446)					
0153	452E10000	3.000	SY	\$90.00000	\$270.00
6" NON-REINFORCED CONCRETE PAVEMENT					
0154	609E24510	29.000	FT	\$30.00000	\$870.00
CURB, TYPE 4-C					
0155	609E72000	574.000	SY	\$44.41021	\$25,491.46
CONCRETE MEDIAN					
0156	618E40100	47,402.000	FT	\$0.12176	\$5,771.67
RUMBLE STRIPS, (ASPHALT CONCRETE)					

Total for Group 0004:\$6,149,358.84

Group 0005: SANITARY SEWER

0157	202E58000	1.000	EACH	\$481.46014	\$481.46
MANHOLE REMOVED					
0158	202E62700	1.000	EACH	\$1,114.76989	\$1,114.77
SEPTIC TANK REMOVED					
0159	452E12000	57.000	SY	\$44.89739	\$2,559.15
8" NON-REINFORCED CONCRETE PAVEMENT					
0160	603E00900	88.000	FT	\$18.71306	\$1,646.75
6" CONDUIT, TYPE B					
0161	603E01800	774.000	FT	\$17.61820	\$13,636.49
8" CONDUIT, TYPE B					
0162	604E31500	3.000	EACH	\$2,189.04773	\$6,567.14
MANHOLE, NO. 3					
0163	604E31501	1.000	EACH	\$3,074.25207	\$3,074.25
MANHOLE, NO. 3, AS PER PLAN					

Total for Group 0005:\$29,080.01

Group 0006: TRAFFIC CONTROL

0164		1.000		\$205,485.86000	\$205,485.86
<i>Traffic Control, See attached estimator output for itemized cost estimate</i>					
0165	630E85100	3.000	EACH	\$49.03716	\$147.11
REMOVAL OF GROUND MOUNTED SIGN AND REERECTION					

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Total for Group 0006:\$205,632.97

Group 0007: BUILDING DEMOLITION

0166	202E56000	1.000	LS	\$240,000.00000	\$240,000.00
BUILDING DEMOLISHED					
20 STRUCTURES @ \$12,000 / STRUCTURE					

Total for Group 0007:\$240,000.00

Group 0008: NOISE BARRIER

0167	606E10000	441.000	SF	\$30.00000	\$13,230.00
SPECIAL - NOISE BARRIER					
0168	606E10200	540.000	SF	\$30.00000	\$16,200.00
SPECIAL - NOISE BARRIER (REFLECTIVE), 10' HEIGHT AND UNDER					
0169	606E10210	10,754.000	SF	\$30.00000	\$322,620.00
SPECIAL - NOISE BARRIER (REFLECTIVE), OVER 10' TO 14' HEIGHT					
0170	606E10220	720.000	SF	\$30.00000	\$21,600.00
SPECIAL - NOISE BARRIER (REFLECTIVE), OVER 14' TO 20' HEIGHT					

Total for Group 0008:\$373,650.00

Group 0009: STRUCTURES (CATTLE CROSSING)

0171	509E10000	14,136.000	LB	\$1.22216	\$17,276.45
EPOXY COATED REINFORCING STEEL					
0172	511E46000	33.140	CY	\$472.58237	\$15,661.38
CLASS C CONCRETE					
0173	511E46500	70.300	CY	\$257.79726	\$18,123.15
CLASS C CONCRETE, FOOTING					
0174	512E10100	93.000	SY	\$16.59125	\$1,542.99
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
0175	512E33000	966.000	SY	\$14.41675	\$13,926.58
TYPE 2 WATERPROOFING					
0176	516E13600	60.000	SF	\$7.89778	\$473.87
1" PREFORMED EXPANSION JOINT FILLER					
0177	518E21230	1.000	LS	\$3,500.00000	\$3,500.00
POROUS BACKFILL WITH FILTER FABRIC					
0178	530E01300	187.000	FT	\$952.00000	\$178,024.00
SPECIAL - STRUCTURE, MISC.:					
12' X 12' CATTLE CROSSING					

Total for Group 0009:\$248,528.42

Group 0010: STRUCTURES (BARRIER TRANSITION)

0179	516E13600	24.000	SF	\$7.89778	\$189.55
1" PREFORMED EXPANSION JOINT FILLER					
0180	516E13900	60.000	SF	\$8.48902	\$509.34
2" PREFORMED EXPANSION JOINT FILLER					
0181	622E10161	124.000	FT	\$54.76797	\$6,791.23
CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN					

Total for Group 0010:\$7,490.12

Group 0011: STRUCTURES (OVER 20' SPAN)

0182		1.000		\$1,258,417.80000	\$1,258,417.80
<i>Bridge SCI-234-0122, See attached estimator output for itemized cost estimate</i>					
0183		1.000		\$2,421,061.08000	\$2,421,061.08

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
<i>Bridge SCI-823-0837L, See attached estimator output for itemized cost estimate</i>					
0184		1.000		\$2,438,607.71000	\$2,438,607.71
<i>Bridge SCI-823-0837R, See attached estimator output for itemized cost estimate</i>					
0185		1.000		\$2,324,133.18000	\$2,324,133.18
<i>Bridge SCI-823-0917L, See attached estimator output for itemized cost estimate</i>					
0186		1.000		\$2,311,842.59000	\$2,311,842.59
<i>Bridge SCI-823-0917R, See attached estimator output for itemized cost estimate</i>					
Total for Group 0011:					\$10,754,062.36

Group 0012: MAINTENANCE OF TRAFFIC

0187		1.000		\$465,880.64000	\$465,880.64
<i>Maintenance of Traffic, See attached estimator output for itemized cost estimate</i>					
0188	615E20000	43.000	SY	\$64.72435	\$2,783.15
PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A					
Total for Group 0012:					\$468,663.79

Group 0013: INCIDENTALS

0189		1.000		\$279,945.57915	\$279,945.58
INSURANCE BOND					
0190		1.000		\$15,000.00000	\$15,000.00
RAILROAD INSURANCE BOND					
0191	108E10000	1.000	LS	\$15,000.00000	\$15,000.00
SPECIAL - CPM PROGRESS SCHEDULE					
0192	614E11000	1.000	LS	\$400,000.00000	\$400,000.00
MAINTAINING TRAFFIC					
0193	619E16020	42.000	MNTH	\$2,038.35552	\$85,610.93
FIELD OFFICE, TYPE C					
0194	623E10000	1.000	LS	\$279,945.57915	\$279,945.58
CONSTRUCTION LAYOUT STAKES					
0195	624E10000	1.000	LS	\$1,600,000.00000	\$1,600,000.00
MOBILIZATION					
Total for Group 0013:					\$2,675,502.09

Estimate 19415

Estimated Cost: \$1,071,366.50

Contingency: 0.00%

Estimated Total: \$1,071,366.50

Final Maintenance of Traffic and Traffic Control

Base Date: 04/16/11

Spec Year: 10

Unit System: E

Work Type: GEN CONST: INVLVS 2 OR MOR MAJ WRK TYPE

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: SCIOTO

Midpoint of Latitude: 385025

Midpoint of Longitude: 0825050

District: 09

Federal/State Project Number: G990(624)

Prepared by WD Transportation on 09/07/11

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0800: Traffic Control					
0005	202E98200 REMOVAL MISC.: <i>Portable Concrete Barrier</i>	90.000	FT	\$3.34464	\$301.02
0006	614E12336 WORK ZONE IMPACT ATTENUATOR (UNIDIRECTIONAL)	2.000	EACH	\$2,514.47419	\$5,028.95
0007	620E00500 DELINEATOR, POST MOUNTED	168.000	EACH	\$32.56855	\$5,471.52
0008	620E11000 DELINEATOR, BRACKET MOUNTED	18.000	EACH	\$62.51257	\$1,125.23
0009	621E00100 RPM	615.000	EACH	\$17.81744	\$10,957.73
0010	622E40020 PORTABLE CONCRETE BARRIER, 32"	4,280.000	FT	\$10.53396	\$45,085.35
0011	626E00100 BARRIER REFLECTOR	695.000	EACH	\$5.63783	\$3,918.29
0012	630E02100 GROUND MOUNTED SUPPORT, NO. 2 POST	73.000	FT	\$6.81959	\$497.83
0013	630E03100 GROUND MOUNTED SUPPORT, NO. 3 POST	1,076.000	FT	\$6.51791	\$7,013.27
0014	630E04100 GROUND MOUNTED SUPPORT, NO. 4 POST	128.000	FT	\$8.76081	\$1,121.38
0015	630E06100 GROUND MOUNTED SUPPORT, NO. 6 POST	92.000	FT	\$10.06595	\$926.07
0016	630E06400 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4X7.7	167.000	FT	\$13.38911	\$2,235.98
0017	630E06500 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9	183.000	FT	\$13.77883	\$2,521.53
0018	630E07500 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W10X22	54.000	FT	\$29.01987	\$1,567.07
0019	630E08000 GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12X30	306.000	FT	\$36.50612	\$11,170.87
0020	630E08004 ONE WAY SUPPORT, NO. 3 POST	6.000	FT	\$9.00000	\$54.00
0022	630E08520 STREET NAME SIGN SUPPORT, NO. 3 POST	42.000	FT	\$10.36081	\$435.15
0023	630E08600 SIGN POST REFLECTOR	22.000	EACH	\$29.84913	\$656.68
0024	630E09000 BREAKAWAY STRUCTURAL BEAM CONNECTION	10.000	EACH	\$269.43410	\$2,694.34
0025	630E80100 SIGN, FLAT SHEET	921.000	SF	\$13.65471	\$12,575.99
0026	630E80200 SIGN, GROUND MOUNTED EXTRUSHEET	1,598.000	SF	\$13.95673	\$22,302.85
0027	630E80500 SIGN, DOUBLE FACED, STREET NAME	3.000	EACH	\$93.89124	\$281.67
0028	630E84500 GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	32.000	EACH	\$438.98109	\$14,047.39
0029	630E84900 REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	10.000	EACH	\$20.02739	\$200.27
0030	630E85100 REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	7.000	EACH	\$47.52306	\$332.66
0031	630E85600 REMOVAL OF GROUND MOUNTED MAJOR SIGN AND REERECTION	2.000	EACH	\$287.64283	\$575.29
0032	630E86002 REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	11.000	EACH	\$12.94603	\$142.41
0033	630E86294 REMOVAL OF GROUND MOUNTED WOODEN BOX BEAM SUPPORT AND REERECTION	3.000	EACH	\$100.00000	\$300.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0034	644E00100	15.140	MILE	\$1,887.87939	\$28,582.49
EDGE LINE					
0035	644E00200	4.190	MILE	\$1,065.47890	\$4,464.36
LANE LINE					
0036	644E00300	2.010	MILE	\$3,796.07578	\$7,630.11
CENTER LINE					
0037	644E00400	2,892.000	FT	\$1.21922	\$3,525.98
CHANNELIZING LINE					
0038	644E00500	251.000	FT	\$5.36170	\$1,345.79
STOP LINE					
0039	644E00700	894.000	FT	\$4.52625	\$4,046.47
TRANSVERSE/DIAGONAL LINE					
0040	644E01300	29.000	EACH	\$81.02983	\$2,349.87
LANE ARROW					

Total for Group 0800: \$205,485.86

Group 1200: Maintenance of Traffic

0041	301E46000	90.000	CY	\$166.57349	\$14,991.61
ASPHALT CONCRETE BASE, PG64-22					
0042	304E20000	130.000	CY	\$50.41342	\$6,553.74
AGGREGATE BASE					
0043	407E10000	30.000	GAL	\$3.10778	\$93.23
TACK COAT					
0044	408E10000	310.000	GAL	\$4.54417	\$1,408.69
PRIME COAT					
0045	448E47020	30.000	CY	\$203.00840	\$6,090.25
ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22					
0046	614E11110	40.000	HOUR	\$52.96993	\$2,118.80
LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE					
0047	614E12338	25.000	EACH	\$1,888.31712	\$47,207.93
WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL)					
0048	614E12420	1.000	LS	\$10,000.00000	\$10,000.00
DETOUR SIGNING					
0049	614E13000	125.000	CY	\$113.61963	\$14,202.45
ASPHALT CONCRETE FOR MAINTAINING TRAFFIC					
0050	614E13300	122.000	EACH	\$5.56809	\$679.31
BARRIER REFLECTOR, TYPE B					
0051	614E13360	122.000	EACH	\$12.73734	\$1,553.96
OBJECT MARKER, TWO WAY					
0052	614E21200	0.710	MILE	\$10,493.89978	\$7,450.67
WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I					
0053	614E22200	3.060	MILE	\$10,000.00000	\$30,600.00
WORK ZONE EDGE LINE, CLASS I, 740.06, TYPE I					
0054	614E26400	145.000	FT	\$5.21015	\$755.47
WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I					
0055	615E10000	1.000	LS	\$100,000.00000	\$100,000.00
ROADS FOR MAINTAINING TRAFFIC					
0056	615E25000	2,346.000	SY	\$32.38324	\$75,971.08
PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B					
0057	616E10000	17,582.000	MGAL	\$4.85713	\$85,398.06
WATER					
0058	617E10100	40.000	CY	\$47.01793	\$1,880.72
COMPACTED AGGREGATE					
0059	617E25000	0.500	MGAL	\$5.00000	\$2.50
WATER					
0060	622E40020	5,585.000	FT	\$10.53396	\$58,832.17
PORTABLE CONCRETE BARRIER, 32"					
0061	642E00090	0.120	MILE	\$500.00000	\$60.00

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				
	EDGE LINE				
0062	642E00290	0.060	MILE	\$500.00000	\$30.00
	CENTER LINE				

Total for Group 1200: \$465,880.64

Group 9000: Incidentals

0063	614E11000	1.000	LS	\$400,000.00000	\$400,000.00
	MAINTAINING TRAFFIC				

Total for Group 9000: \$400,000.00

Estimate SCI-234-0122

Estimated Cost:\$1,258,417.80

Contingency: 0.00%

Estimated Total: \$1,258,417.80

Structure SCI-234-0122 (SFN 7336934) - Final Estimate

Base Date: 04/16/11

Spec Year: 10

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: SCIOTO

Midpoint of Latitude: 385030

Midpoint of Longitude: 825100

District: 09

Federal/State Project Number: G990(624)

Prepared by HDR Engineering, Inc. on 09/13/11

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0001: STRUCTURES (OVER 20' SPAN)					
0001	503E11100	1.000	LS	\$10,000.00000	\$10,000.00
COFFERDAMS AND EXCAVATION BRACING					
0002	503E21100	606.000	CY	\$22.17714	\$13,439.35
UNCLASSIFIED EXCAVATION					
0003	509E10000	122,241.000	LB	\$1.21146	\$148,090.08
EPOXY COATED REINFORCING STEEL					
0004	512E10100	1,177.000	SY	\$13.57127	\$15,973.38
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
0005	515E15051	8.000	EACH	\$25,000.00000	\$200,000.00
DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 4 MOD. (72"), AS PER PLAN					
0006	515E20000	28.000	EACH	\$1,279.77196	\$35,833.61
INTERMEDIATE DIAPHRAMS					
0007	516E13900	96.000	SF	\$10.73861	\$1,030.91
2" PREFORMED EXPANSION JOINT FILLER					
0008	516E14015	87.000	FT	\$24.17251	\$2,103.01
INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN					
0009	516E14021	84.000	FT	\$29.13853	\$2,447.64
SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN					
0010	516E44100	16.000	EACH	\$714.98055	\$11,439.69
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 2.24" THICK X 22" X 16"					
0011	518E21200	156.000	CY	\$52.97703	\$8,264.42
POROUS BACKFILL WITH FILTER FABRIC					
0012	518E40000	207.000	FT	\$10.83650	\$2,243.16
6" PERFORATED CORRUGATED PLASTIC PIPE					
0013	518E40010	31.000	FT	\$13.03543	\$404.10
6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
0014	524E94704	230.000	FT	\$270.00000	\$62,100.00
DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK					
0015	607E39900	240.000	FT	\$50.36393	\$12,087.34
VANDAL PROTECTION FENCE, 6' STRAIGHT, COATED FABRIC					
0016	625E10614	4.000	EACH	\$58.24920	\$233.00
LIGHT POLE ANCHOR BOLTS ON STRUCTURE					
0017	625E25400	169.000	FT	\$9.71150	\$1,641.24
CONDUIT, 2", 725.04					
0018	625E29920	1.000	EACH	\$1,495.04850	\$1,495.05
STRUCTURE JUNCTION BOX (18" X 12" X 8", 725.10)					
0019	840E20000	4,222.000	SF	\$31.83577	\$134,410.62
MECHANICALLY STABILIZED EARTH WALL					
0020	840E21000	1,318.000	CY	\$8.71163	\$11,481.93
WALL EXCAVATION					
0021	840E22000	561.000	SY	\$17.02634	\$9,551.78
FOUNDATION PREPARATION					
0022	840E23000	3,527.000	CY	\$28.24827	\$99,631.65
SELECT GRANULAR BACKFILL					
0023	840E23050	320.000	CY	\$11.15072	\$3,568.23
NATURAL SOIL					
0024	840E25010	424.000	FT	\$7.33017	\$3,107.99
6" DRAINAGE PIPE, PERFORATED					
0025	840E25020	20.000	FT	\$10.77446	\$215.49
6" DRAINAGE PIPE, NON-PERFORATED					
0026	840E26000	197.000	FT	\$85.34609	\$16,813.18
CONCRETE COPING					
0027	840E27000	5.000	DAY	\$339.72365	\$1,698.62
ON-SITE ASSISTANCE					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0028	840E28000	1.000	LS	\$10,000.00000	\$10,000.00
SGB INSPECTION AND COMPACTION TESTING					
0029	898E10201	304.000	CY	\$579.45187	\$176,153.37
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (DECK), AS PER PLAN					
0030	898E10709	495.000	SY	\$210.00406	\$103,952.01
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (APPROACH SLAB), (T=17"), AS PER PLAN					
0031	898E11000	52.000	CY	\$465.44732	\$24,203.26
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET)					
0032	898E20150	172.000	CY	\$486.53555	\$83,684.11
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (ABUTMENT)					
0033	898E20300	51.000	CY	\$322.93300	\$16,469.58
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (FOOTING)					
0034	898E20301	105.000	CY	\$330.00000	\$34,650.00
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (FOOTING), AS PER PLAN					
Total for Group 0001:					\$1,258,417.80

Estimate SCI-823-0837L

Estimated Cost:\$2,421,061.08

Contingency: 0.00%

Estimated Total: \$2,421,061.08

Structure SCI-823-0837L (SFN 7306458) - Final Estimate

Base Date: 04/16/11

Spec Year: 10

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: SCIOTO

Midpoint of Latitude: 385100

Midpoint of Longitude: 825203

District: 09

Federal/State Project Number: G990(624)

Prepared by HDR Engineering, Inc. on 09/13/11

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0001: STRUCTURES (OVER 20' SPAN)

0001	503E11100	1.000	LS	\$10,000.00000	\$10,000.00
COFFERDAMS AND EXCAVATION BRACING					
0002	503E21301	1.000	LS	\$5,000.00000	\$5,000.00
UNCLASSIFIED EXCAVATION, AS PER PLAN					
0003	503E22200	177.000	CY	\$50.00000	\$8,850.00
UNCLASSIFIED EXCAVATION INCLUDING ROCK AND/OR SHALE					
0004	505E11100	1.000	LS	\$15,000.00000	\$15,000.00
PILE DRIVING EQUIPMENT MOBILIZATION					
0005	507E00200	1,600.000	FT	\$25.66622	\$41,065.95
STEEL PILES HP12X53, FURNISHED					
0006	507E00250	1,440.000	FT	\$7.58950	\$10,928.88
STEEL PILES HP12X53, DRIVEN					
0007	507E92200	1,440.000	FT	\$11.07429	\$15,946.98
PREBORED HOLES					
0008	507E93301	32.000	EACH	\$95.17804	\$3,045.70
STEEL POINTS OR SHOES, AS PER PLAN					
0009	509E10000	438,646.000	LB	\$1.11799	\$490,401.84
EPOXY COATED REINFORCING STEEL					
0010	512E10100	2,470.000	SY	\$12.60215	\$31,127.31
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
0011	515E15051	20.000	EACH	\$26,750.00000	\$535,000.00
DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 4 MOD. (72"), AS PER PLAN					
0012	515E20000	64.000	EACH	\$1,279.77196	\$81,905.41
INTERMEDIATE DIAPHRAMS					
0013	516E13600	10.000	SF	\$11.18157	\$111.82
1" PREFORMED EXPANSION JOINT FILLER					
0014	516E13900	1,534.000	SF	\$6.00000	\$9,204.00
2" PREFORMED EXPANSION JOINT FILLER					
0015	516E14021	121.000	FT	\$26.18798	\$3,168.75
SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN					
0016	516E44000	10.000	EACH	\$655.72455	\$6,557.25
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 1.72" THICK X 22" X 13"					
0017	516E44100	20.000	EACH	\$714.98055	\$14,299.61
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 2.75" THICK X 22" X 13"					
0018	516E44200	10.000	EACH	\$849.83984	\$8,498.40
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 3.78" THICK X 22" X 13"					
0019	518E21200	107.000	CY	\$55.96319	\$5,988.06
POROUS BACKFILL WITH FILTER FABRIC					
0020	518E40000	120.000	FT	\$11.16657	\$1,339.99
6" PERFORATED CORRUGATED PLASTIC PIPE					
0021	518E40010	28.000	FT	\$13.08410	\$366.35
6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
0022	898E10201	830.000	CY	\$574.06354	\$476,472.74
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (DECK), AS PER PLAN					
0023	898E10709	316.000	SY	\$213.41296	\$67,438.50
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (APPROACH SLAB), (T=17"), AS PER PLAN					
0024	898E11000	67.000	CY	\$465.44732	\$31,184.97
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET)					
0025	898E11001	87.000	CY	\$513.53130	\$44,677.22
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET), AS PER PLAN					
0026	898E20100	718.000	CY	\$555.00000	\$398,490.00
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (PIER ABOVE FOOTING)					
0027	898E20150	61.000	CY	\$445.31962	\$27,164.50

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				
	QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (ABUTMENT)				
0028	898E20300	241.000	CY	\$322.93300	\$77,826.85
	QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (FOOTING)				

Total for Group 0001:\$2,421,061.08

Estimate SCI-823-0837R

Estimated Cost:\$2,438,607.71

Contingency: 0.00%

Estimated Total: \$2,438,607.71

Structure SCI-823-0837R (SFN 7306466) - Final Estimate

Base Date: 04/16/11

Spec Year: 10

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: SCIOTO

Midpoint of Latitude: 385100

Midpoint of Longitude: 825203

District: 09

Federal/State Project Number: G990(624)

Prepared by HDR Engineering, Inc. on 09/13/11

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0001: STRUCTURES (OVER 20' SPAN)

0001	503E11100	1.000	LS	\$10,000.00000	\$10,000.00
COFFERDAMS AND EXCAVATION BRACING					
0002	503E21301	1.000	LS	\$5,000.00000	\$5,000.00
UNCLASSIFIED EXCAVATION, AS PER PLAN					
0003	503E22200	170.000	CY	\$50.00000	\$8,500.00
UNCLASSIFIED EXCAVATION INCLUDING ROCK AND/OR SHALE					
0004	505E11100	1.000	LS	\$15,000.00000	\$15,000.00
PILE DRIVING EQUIPMENT MOBILIZATION					
0005	507E00200	1,680.000	FT	\$25.65359	\$43,098.03
STEEL PILES HP12X53, FURNISHED					
0006	507E00250	1,520.000	FT	\$7.53459	\$11,452.58
STEEL PILES HP12X53, DRIVEN					
0007	507E92200	1,520.000	FT	\$10.82296	\$16,450.90
PREBORED HOLES					
0008	507E93301	32.000	EACH	\$95.17804	\$3,045.70
STEEL POINTS OR SHOES, AS PER PLAN					
0009	509E10000	442,214.000	LB	\$1.11742	\$494,138.77
EPOXY COATED REINFORCING STEEL					
0010	512E10100	2,470.000	SY	\$12.60215	\$31,127.31
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
0011	515E15051	20.000	EACH	\$26,750.00000	\$535,000.00
DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 4 MOD. (72"), AS PER PLAN					
0012	515E20000	64.000	EACH	\$1,279.77196	\$81,905.41
INTERMEDIATE DIAPHRAGMS					
0013	516E13600	10.000	SF	\$11.18157	\$111.82
1" PREFORMED EXPANSION JOINT FILLER					
0014	516E13900	1,534.000	SF	\$6.00000	\$9,204.00
2" PREFORMED EXPANSION JOINT FILLER					
0015	516E14021	121.000	FT	\$26.18798	\$3,168.75
SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN					
0016	516E44000	10.000	EACH	\$655.72455	\$6,557.25
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 1.72" THICK X 22" X 13"					
0017	516E44100	20.000	EACH	\$714.98055	\$14,299.61
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 2.75" THICK X 22" X 13"					
0018	516E44200	10.000	EACH	\$849.83984	\$8,498.40
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 3.78" THICK X 22" X 13"					
0019	518E21200	107.000	CY	\$55.96319	\$5,988.06
POROUS BACKFILL WITH FILTER FABRIC					
0020	518E40000	120.000	FT	\$11.16657	\$1,339.99
6" PERFORATED CORRUGATED PLASTIC PIPE					
0021	518E40010	28.000	FT	\$13.08410	\$366.35
6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS					
0022	898E10201	830.000	CY	\$574.06354	\$476,472.74
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (DECK), AS PER PLAN					
0023	898E10709	316.000	SY	\$213.41296	\$67,438.50
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (APPROACH SLAB), (T=17"), AS PER PLAN					
0024	898E11000	67.000	CY	\$465.44732	\$31,184.97
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET)					
0025	898E11001	87.000	CY	\$513.53130	\$44,677.22
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET), AS PER PLAN					
0026	898E20100	738.000	CY	\$555.00000	\$409,590.00
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (PIER ABOVE FOOTING)					
0027	898E20150	61.000	CY	\$445.31962	\$27,164.50

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
	<u>Description</u>				
	<u>Supplemental Description</u>				
	QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (ABUTMENT)				
0028	898E20300	241.000	CY	\$322.93300	\$77,826.85
	QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (FOOTING)				

Total for Group 0001:\$2,438,607.71

Estimate SCI-823-0917L

Estimated Cost:\$2,324,133.18

Contingency: 0.00%

Estimated Total: \$2,324,133.18

Structure SCI-823-0917L (SFN 7306474L) - Final Estimate

Base Date: 04/16/11

Spec Year: 10

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: SCIOTO

Midpoint of Latitude: 385130

Midpoint of Longitude: 825200

District: 09

Federal/State Project Number: G990(624)

Prepared by HDR Engineering, Inc. on 09/13/11

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0001: STRUCTURES (OVER 20' SPAN)					
0001	503E21301	1.000	LS	\$5,000.00000	\$5,000.00
UNCLASSIFIED EXCAVATION, AS PER PLAN					
0002	503E22200	78.000	CY	\$50.00000	\$3,900.00
UNCLASSIFIED EXCAVATION INCLUDING ROCK AND/OR SHALE					
0003	505E11100	1.000	LS	\$15,000.00000	\$15,000.00
PILE DRIVING EQUIPMENT MOBILIZATION					
0004	507E00200	1,520.000	FT	\$25.67951	\$39,032.86
STEEL PILES HP12X53, FURNISHED					
0005	507E00250	1,360.000	FT	\$7.64798	\$10,401.25
STEEL PILES HP12X53, DRIVEN					
0006	507E92200	1,360.000	FT	\$11.34635	\$15,431.04
PREBORED HOLES					
0007	507E93301	32.000	EACH	\$95.17804	\$3,045.70
STEEL POINTS OR SHOES, AS PER PLAN					
0008	509E10000	446,429.000	LB	\$1.11675	\$498,549.59
EPOXY COATED REINFORCING STEEL					
0009	512E10100	2,510.000	SY	\$12.58193	\$31,580.64
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
0010	515E15041	20.000	EACH	\$26,750.00000	\$535,000.00
DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 4 MOD. (66"), AS PER PLAN					
0011	515E20000	48.000	EACH	\$1,279.77196	\$61,429.05
INTERMEDIATE DIAPHRAMS					
0012	516E13600	21.000	SF	\$9.84825	\$206.81
1" PREFORMED EXPANSION JOINT FILLER					
0013	516E13900	2,405.000	SF	\$6.00000	\$14,430.00
2" PREFORMED EXPANSION JOINT FILLER					
0014	516E14021	103.000	FT	\$26.18798	\$2,697.36
SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN					
0015	516E44200	30.000	EACH	\$780.28994	\$23,408.70
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 3.5" THICK X 22" X 11"					
0016	516E44300	10.000	EACH	\$1,244.33362	\$12,443.34
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 4.125" THICK X 22" X 11"					
0017	518E21200	121.000	CY	\$54.97125	\$6,651.52
POROUS BACKFILL WITH FILTER FABRIC					
0018	518E40000	128.000	FT	\$11.12698	\$1,424.25
6" PERFORATED CORRUGATED PLASTIC PIPE					
0019	518E40012	30.000	FT	\$9.98998	\$299.70
6" NON-PERFORATED CORRUGATED PLASTIC PIPE					
0020	898E10201	744.000	CY	\$574.06354	\$427,103.27
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (DECK), AS PER PLAN					
0021	898E10709	323.000	SY	\$213.24527	\$68,878.22
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (APPROACH SLAB), (T=17"), AS PER PLAN					
0022	898E11000	64.000	CY	\$465.44732	\$29,788.63
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET)					
0023	898E11001	78.000	CY	\$513.53130	\$40,055.44
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET), AS PER PLAN					
0024	898E20100	672.000	CY	\$555.00000	\$372,960.00
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (PIER ABOVE FOOTING)					
0025	898E20150	64.000	CY	\$441.16902	\$28,234.82
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (ABUTMENT)					
0026	898E20300	239.000	CY	\$322.93300	\$77,180.99
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (FOOTING)					

Total for Group 0001:\$2,324,133.18

Estimate SCI-823-0917R

Estimated Cost:\$2,311,842.59

Contingency: 0.00%

Estimated Total: \$2,311,842.59

Structure SCI-823-0917R (SFN 7306474R) - Final Estimate

Base Date: 04/16/11

Spec Year: 10

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type: SUPERPAVE ASPHALT CONCRETE

Urban/Rural Type: RURAL CLASS

Season: SPRING

County: SCIOTO

Midpoint of Latitude: 385130

Midpoint of Longitude: 825200

District: 09

Federal/State Project Number: G990(624)

Prepared by HDR Engineering, Inc. on 09/13/11

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
Group 0001: STRUCTURES (OVER 20' SPAN)					
0001	503E21301	1.000	LS	\$5,000.00000	\$5,000.00
UNCLASSIFIED EXCAVATION, AS PER PLAN					
0002	503E22200	54.000	CY	\$50.00000	\$2,700.00
UNCLASSIFIED EXCAVATION INCLUDING ROCK AND/OR SHALE					
0003	505E11100	1.000	LS	\$15,000.00000	\$15,000.00
PILE DRIVING EQUIPMENT MOBILIZATION					
0004	507E00200	1,520.000	FT	\$25.67951	\$39,032.86
STEEL PILES HP12X53, FURNISHED					
0005	507E00250	1,360.000	FT	\$7.64798	\$10,401.25
STEEL PILES HP12X53, DRIVEN					
0006	507E92200	1,360.000	FT	\$11.34635	\$15,431.04
PREBORED HOLES					
0007	507E93301	32.000	EACH	\$95.17804	\$3,045.70
STEEL POINTS OR SHOES, AS PER PLAN					
0008	509E10000	446,319.000	LB	\$1.11677	\$498,435.67
EPOXY COATED REINFORCING STEEL					
0009	512E10100	2,568.000	SY	\$12.55323	\$32,236.69
SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)					
0010	515E15041	20.000	EACH	\$26,750.00000	\$535,000.00
DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 4 MOD. (66"), AS PER PLAN					
0011	515E20000	48.000	EACH	\$1,279.77196	\$61,429.05
INTERMEDIATE DIAPHRAMS					
0012	516E13600	30.000	SF	\$9.26509	\$277.95
1" PREFORMED EXPANSION JOINT FILLER					
0013	516E13900	42.000	SF	\$6.00000	\$252.00
2" PREFORMED EXPANSION JOINT FILLER					
0014	516E14021	103.000	FT	\$26.18798	\$2,697.36
SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL, AS PER PLAN					
0015	516E44200	30.000	EACH	\$780.28994	\$23,408.70
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 3.5" THICK X 22" X 11"					
0016	516E44300	10.000	EACH	\$1,244.33362	\$12,443.34
ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) 4.125" THICK X 22" X 11"					
0017	518E21200	117.000	CY	\$55.24068	\$6,463.16
POROUS BACKFILL WITH FILTER FABRIC					
0018	518E40000	128.000	FT	\$11.12698	\$1,424.25
6" PERFORATED CORRUGATED PLASTIC PIPE					
0019	518E40012	24.000	FT	\$9.98998	\$239.76
6" NON-PERFORATED CORRUGATED PLASTIC PIPE					
0020	898E10201	746.000	CY	\$574.06354	\$428,251.40
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (DECK), AS PER PLAN					
0021	898E10709	323.000	SY	\$213.24527	\$68,878.22
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (APPROACH SLAB), (T=17"), AS PER PLAN					
0022	898E11000	80.000	CY	\$431.17016	\$34,493.61
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET)					
0023	898E11001	78.000	CY	\$513.53130	\$40,055.44
QC/QA CONCRETE, CLASS QSC2, SUPERSTRUCTURE (PARAPET), AS PER PLAN					
0024	898E20100	667.000	CY	\$555.00000	\$370,185.00
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (PIER ABOVE FOOTING)					
0025	898E20150	63.000	CY	\$442.52625	\$27,879.15
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (ABUTMENT)					
0026	898E20300	239.000	CY	\$322.93300	\$77,180.99
QC/QA CONCRETE, CLASS QSC1, SUBSTRUCTURE (FOOTING)					
Total for Group 0001:					\$2,311,842.59