

DATE 10/24/2012

WILLIAMSON COUNTY
 SOUTH CAROTHERS PARKWAY
 FROM: LONG LANE/TRUMAN DRIVE
 TO: CONNECTOR ROAD/OLD SOUTH CAROTHERS
 CITY OF FRANKLIN PROJECT # _____
 SULLIVAN ENGINEERING, INC PROJECT #12-005

Project Length
 1.05 L.M.

PROJECT QUANTITIES (COORDINATE WITH TABULATED DATA FOR ADDITIONAL FOOTNOTES)					
ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY.	UNIT PRICE	TOTAL PRICE
105-01	CONSTRUCTION STAKES LINES AND GRADES	L.S.	1	\$90,576.39	\$90,576.39
201-01	CLEARING AND GRUBBING	L.S.	1	\$196,791.94	\$196,791.94
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (INCLUDES BUT NOT LIMITED TO ITEMS SUCH AS SIGNS, FLEXIBLE DELINEATORS, FENCES, CONCRETE CURBS, MAILBOXES AND ALL OTHER ITEMS WITHIN THE GRADING LIMITS UNLESS OTHERWISE NOTED.)	L.S.	1	\$22,582.57	\$22,582.57
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED, INCLUDES 25 C.Y. FOR CONSTRUCTION ENTRANCE)	C.Y.	94253	\$12.75	\$1,201,725.75
203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	41969	\$7.07	\$296,720.83
203-04	PLACING & SPREADING TOPSOIL	C.Y.	8021	\$4.56	\$36,575.76
203-05	UNDERCUTTING (UNIT PRICE BIDS INCLUDES MINERAL AGGREGATE (SURGE STONE) BACKFILL)	C.Y.	9425	\$32.53	\$306,605.01
203-06	WATER	M.G.	1597	\$7.10	\$11,338.70
203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	11170	\$17.23	\$192,459.10
204-07	BEDDING MATERIAL (PIPE) CLASS "B"	C.Y.	2630	\$29.36	\$77,216.80
209-05	SEDIMENT REMOVAL	C.Y.	1546	\$7.73	\$11,950.58
209-08.02	TEMPORARY SILT FENCE (WITH BACKING), (AFTER THE INITIAL INSTALLATION ALL COST ASSOCIATED WITH REPAIR, MAINTENANCE AND REPLACEMENT DURING THE LIFE OF THIS CONTRACT SHALL BE AT THE CONTRACTORS EXPENSE.)	L.F.	11060	\$3.71	\$41,032.60
209-08.03	TEMPORARY SILT FENCE (WITHOUT BACKING), (AFTER THE INITIAL INSTALLATION ALL COST ASSOCIATED WITH REPAIR, MAINTENANCE AND REPLACEMENT DURING THE LIFE OF THIS CONTRACT SHALL BE AT THE CONTRACTORS EXPENSE.)	L.F.	11060	\$1.16	\$12,829.60
209-08.07	ROCK CHECK DAM ("V-DITCH", 2+/- DEPTH, OR AS DIRECTED BY THE ENGINEER, AFTER THE INITIAL INSTALLATION ALL COST ASSOCIATED WITH REPAIR, MAINTENANCE AND REPLACEMENT DURING THE LIFE OF THIS CONTRACT SHALL BE AT THE CONTRACTORS EXPENSE.)	EACH	28	\$359.83	\$10,075.24
209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	10	\$529.64	\$5,296.40
209-40.41	CATCH BASIN FILTER ASSEMBLY (TYPE 1), (AFTER THE INITIAL INSTALLATION ALL COST ASSOCIATED WITH REPAIR, MAINTENANCE AND REPLACEMENT DURING THE LIFE OF THIS CONTRACT SHALL BE AT THE CONTRACTORS EXPENSE.)	EACH	7	\$387.20	\$2,710.40
209-40.46	CATCH BASIN FILTER ASSEMBLY (TYPE 6), (AFTER THE INITIAL INSTALLATION ALL COST ASSOCIATED WITH REPAIR, MAINTENANCE AND REPLACEMENT DURING THE LIFE OF THIS CONTRACT SHALL BE AT THE CONTRACTORS EXPENSE.)	EACH	98	\$406.70	\$39,856.60
209-40.47	CATCH BASIN FILTER ASSEMBLY (TYPE 7), (AFTER THE INITIAL INSTALLATION ALL COST ASSOCIATED WITH REPAIR, MAINTENANCE AND REPLACEMENT DURING THE LIFE OF THIS CONTRACT SHALL BE AT THE CONTRACTORS EXPENSE.)	EACH	13	\$660.00	\$8,580.00
209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	0	\$3.44	\$0.00
303-01	MINERAL AGGREGATE TYPE A BASE GRADING "D", (INCLUDES XXX TONS FOR STONE WEDGE)	TON	17571	\$17.13	\$300,991.23
307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	TON	132	\$857.10	\$113,137.20
307-02.03	AGGREGATE(BPMB-HM) GRADING AS	TON	3941	\$41.85	\$164,930.85
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	5205	\$67.55	\$351,597.75
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	2557	\$75.48	\$193,002.36
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC), (INCLUDES 15 TONS FOR MAINTENANCE OF TRAFFIC)	TON	81	\$700.74	\$56,759.94
402-02	AGGREGATE FOR COVER MATERIAL (PC), (INCLUDES 57 TONS FOR MAINTENANCE OF TRAFFIC)	TON	203	\$38.65	\$7,845.95

PROJECT QUANTITIES (COORDINATE WITH TABULATED DATA FOR ADDITIONAL FOOTNOTES)					
ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY.	UNIT PRICE	TOTAL PRICE
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC), (INCLUDES 1 TONS FOR MAINTENANCE OF TRAFFIC)	TON	31	\$684.68	\$21,225.08
411-02.10	ACS MIX(PG70-22) GRADING D	TON	3132	\$95.64	\$299,544.48
611-07.01	CLASS "A" CONCRETE (PIPE END WALLS)	C.Y.	41	\$1,279.74	\$52,469.34
611-07.02	STEEL BAR REINFORCEMENT (PIPE END WALLS)	LB.	3860	\$1.88	\$7,256.80
611-07.03	STRUCTURAL STEEL (PIPE END WALLS)	LB.	1820	\$5.17	\$9,409.40
611-12.01	CATCH BASINS, TYPE 12, DEPTH 0' - 4' (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL, CASTINGS, BRICK WORK AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION)	EACH	1	\$2,331.68	\$2,331.68
611-12.02	CATCH BASINS, TYPE 12, DEPTH 4' - 8' (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL, CASTINGS, BRICK WORK AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION)	EACH	95	\$2,690.46	\$255,593.70
611-12.03	CATCH BASINS, TYPE 12, DEPTH 8' - 12' (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL, CASTINGS, BRICK WORK AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION)	EACH	8	\$5,888.71	\$47,109.68
611-12.04	CATCH BASINS, TYPE 12, DEPTH 12'+ (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL, CASTINGS, BRICK WORK AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION)	EACH	2	\$7,440.95	\$14,881.90
611-14.02	CATCH BASINS, TYPE 14, DEPTH 4' - 8' (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL, CASTINGS, BRICK WORK AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION)	EACH	11	\$7,237.09	\$79,607.99
611-42.01	CATCH BASINS, TYPE 42, DEPTH 0' - 4', (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL, CASTINGS, BRICK WORK AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION, QUANTITY INCLUDES 6 STRUCTURES TO BE COORDINATED WITH STREETScape PLANS PREPARED BY EG&G, INC.)	EACH	4	\$2,331.68	\$9,326.72
611-02.10	JUNCTION BOX, TYPE 1 (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION)	EACH	3	\$3,133.89	\$9,401.67
701-01.01	CONCRETE SIDEWALK (4 "THICKNESS W/ FIBER MESH AND 6" AGGREGATE CLASS "A" GRADING "D" BASE)	S.F.	30415	\$4.23	\$128,655.45
701-02	CONCRETE DRIVEWAY (APPROACH APRON WITHIN RIGHT-OF-WAY, 8" THICKNESS W/ FIBER MESH AND 4" AGGREGATE CLASS "A" GRADING "D" BASE)	S.F.	5358	\$6.33	\$33,916.14
702-01.01	EXTRUDED MOUNTABLE CURB	L.F.	500	\$8.44	\$4,220.00
702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	715	\$167.20	\$119,548.00
705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	1200	\$17.62	\$21,144.00
705-04.01	GUARDRAIL TERMINAL ANCHOR (TYPE 11)	EACH	4	\$400.00	\$1,600.00
705-04.29	CRASH-CUSHION, NCHRP350 TC3	EACH	4	\$2,724.56	\$10,898.24
708-02.02	MARKERS (CITY OF FRANKLIN AS SHOWN ON THE DETAIL SHEET)	EACH	11	\$235.82	\$2,594.02
707-08.11	HIGH-VISIBILITY CONSTRUCTION FENCE, (INCLUDES 900 L.F. TO BE USED WITH EROSION CONTROL, UNIT PRICE BID INCLUDES COST OF ADJUSTMENTS NECESSARY AS THE CONSTRUCTION PHASES EVOLVE THROUGHOUT THE CONSTRUCTION PROJECT.)	L.F.	2150	\$2.38	\$5,117.00
709-05.05	MACHINED RIP-RAP (CLASS A-3), INCLUDES 200 TONS FOR CONSTRUCTION ENTRANCE, 00 TONS FOR CULVERT PROTECTION TYPE 1)	TON	200	\$35.17	\$7,034.00
709-05.09	MACHINED RIP-RAP (CLASS "C"),	TON	300	\$41.23	\$12,369.00
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	14211	\$5.18	\$73,612.98
712-01	TRAFFIC CONTROL (UNIT PRICE BID INCLUDES INSTALLATION AND REMOVAL COST OF ALL TEMPORARY PAVEMENT MARKINGS INCLUSIVE OF TEMPORARY MARKINGS ON THE FINAL ASPHALT TOPPING. THIS ITEM SHALL ALSO INCLUDE ALL TRAFFIC CONTROL FOR INSTALLATION OF TRAFFIC SIGNALS AS NOTED ON THE DESIGN DOCUMENTS AS REQUIRED TO COMPLETE THE PROJECT.	L.S.	1	\$33,023.07	\$33,023.07

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ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY.	UNIT PRICE	TOTAL PRICE
712-04.10	28-INCH TEMPORARY FLEXIBLE TUBULAR DELINEATOR, (ESTIMATED QUANTITY IS BASED ON PHASE WHICH REQUIRES HIGHEST QUANTITY. UNIT PRICE BID INCLUDES COST OF ADJUSTMENTS NECESSARY AS THE CONSTRUCTION PHASES EVOLVE THROUGHOUT THE CONSTRUCTION PROJECT.)	EACH	60	\$50.00	\$3,000.00
712-05.01	WARNING LIGHTS (TYPE A)	EACH	0	\$32.62	\$0.00
712-06	SIGNS (CONSTRUCTION), (ESTIMATED QUANTITY IS BASED ON PHASE WHICH REQUIRES HIGHEST QUANTITY. UNIT PRICE BID INCLUDES COST OF ADJUSTMENTS NECESSARY AS THE CONSTRUCTION PHASES EVOLVE THROUGHOUT THE CONSTRUCTION PROJECT.)	S.F.	641	\$7.31	\$4,685.71
712-06.11	CONSTRUCTION IDENTIFICATION SIGNS	EACH	2	\$772.72	\$1,545.44
712-07.03	TEMPORARY BARRICADES (TYPE III), (UNIT PRICE BID INCLUDES SIGN (R11-2 AND TYPE "A" FLASHING LIGHTS, ESTIMATED QUANTITY IS BASED ON PHASE WHICH REQUIRES HIGHEST QUANTITY. UNIT PRICE BID INCLUDES COST OF ADJUSTMENTS NECESSARY AS THE CONSTRUCTION PHASES EVOLVE THROUGHOUT THE CONSTRUCTION PROJECT.)	L.F.	204	\$24.73	\$5,044.92
713-16.04	CHANGEABLE MESSAGE SIGN UNIT (MEETS MUTCD REQUIREMENTS FOR PORTABLE MESSAGE SIGNS, COORDINATE WITH PROJECT MANUAL. SHALL BE IN ACCORDANCE WITH SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL. AT COMPLETION OF THE PROJECT THE SIGNS SHALL BECOME PROPERTY OF THE CITY OF FRANKLIN STREET DEPARTMENT. THE SIGNS SHALL BE IN LIKE NEW CONDITION, PROPER WORKING ORDER WITH ALL FACTORY MANUALS. A WARRANTY SHALL BE CONVEYED TO THE CITY OF FRANKLIN AT THE COMPLETION OF THE PROJECT FOR A PERIOD EQUAL TO THAT OF THE ORIGINAL AS FURNISHED BY THE MANUFACTURER.)	EACH	2	\$11,000.00	\$22,000.00
713-16.40	SIGNS (STOP, R1-1, UNIT PRICE BID INCLUDES SQUARE TUBE PERFORATED POST (P8), COORDINATE WITH PAVEMENT MARKING AND SIGNING SHEETS AS MULTIPLE SIGNS MAY BE ATTACHED TO ONE POST)	EACH	3	\$146.43	\$439.29
713-16.41	SIGNS (SPEED LIMIT-35 MPH, R2-1, UNIT PRICE BID INCLUDES SQUARE TUBE PERFORATED POST (P8), COORDINATE WITH PAVEMENT MARKING AND SIGNING SHEETS AS MULTIPLE SIGNS MAY BE ATTACHED TO ONE POST)	EACH	4	\$146.43	\$585.72
713-16.57	SIGNS (BIKE, D11-1, UNIT PRICE BID INCLUDES SQUARE TUBE PERFORATED POST (P8), COORDINATE WITH PAVEMENT MARKING AND SIGNING SHEETS AS MULTIPLE SIGNS MAY BE ATTACHED TO ONE POST)	EACH	4	\$146.43	\$585.72
716-12.01	ENHANCED FLATLINE THERMO PAVEMENT MARKING (4" LINE, SSWL, SSSL, DSSL, SBYL & SBWL)	LIN. MI.	3.4	\$3,464.12	\$11,778.01
716-02.06	PLASTIC PAVEMENT MARKING TURN LANE ARROW (LEFT OR RIGHT)	EACH	4	\$169.29	\$677.16
716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK), (QUANTITY IS CALCULATED FROM FACE OF CURB TO FACE OF CURB)	L.F.	300	\$33.66	\$10,098.00
717-01	MOBILIZATION	L.S.	1	\$207,090.21	\$207,090.21
740-10.03	GEOTEXTILE (TYPE III)(EROSION CONTROL), (INCLUDES 343 S.Y. FOR CONSTRUCTION ENTRANCE, 00 S.Y. FOR CULVERT PROTECTION TYPE 1)	S.Y.	343	\$3.05	\$1,046.15
740-11.03	TEMPORARY SEDIMENT TUBE 18 INCH (TO BE USED FOR EROSION CONTROL AS DIRECTED BY THE ENGINEER, AFTER THE INITIAL INSTALLATION ALL COST ASSOCIATED WITH REPAIR, MAINTENANCE AND REPLACEMENT DURING THE LIFE OF THIS CONTRACT SHALL BE AT THE CONTRACTORS EXPENSE.)	L.F.	300	\$4.11	\$1,233.00
801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	775	\$22.81	\$17,677.75
801-03	WATER (SEEDING & SODDING)	M.G.	845	\$8.70	\$7,351.50
803-01	SODDING (NEW SOD, INSTALLATION SHALL BE INSTALLED ON TOPSOIL. TOPSOIL SHALL HAVE A MINIMUM DEPTH OF 6 INCHES)	S.Y.	76767	\$2.77	\$212,644.59
	LIGHTING				

PROJECT QUANTITIES (COORDINATE WITH TABULATED DATA FOR ADDITIONAL FOOTNOTES)					
ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY.	UNIT PRICE	TOTAL PRICE
714-09.09	LUMINAIRE (LIGHT EMITTING DIODE "LED" - COOPER #VSTB04LEDEUSL3BK47060AIS), W/6"+/- MOUNTING ARM A-BOLTS AND HARDWARE, (TO BE COORDINATED WITH PROJECT MANUAL FOR APPROVED PRODUCTS AND SPECIFICATIONS)	EACH	43	\$1,287.75	\$55,373.25
773-90.01	PHOTO CONTROL, RIPLEY LONGLIFE 6390L-BK MULTI-VOLT	EACH	43	\$48.93	\$2,103.94
773-90.06	SMALL PULL BOX, CDR#PA10-1324-18-0299, QUAZITE #PG2436Z510MT, HIGHLINE #PHA243618SE1-32, 94 OLDCASTLE #243618PB7021	EACH	39	\$345.59	\$13,478.06
714-03.01	2" SCHEDULE 40 PVC, ELECTRICAL GRAY	L.F.	6275	\$4.65	\$29,178.75
714-03.02	2" SCHEDULE 40 PVC, STANDARD RADIUS ELBOW	EACH	160	\$25.15	\$4,024.00
714-03.04	3" SCHEDULE 80 PVC MIN 24" STANDARD RADIUS ELBOW	L.F.	8	\$23.51	\$188.08
714-08.09	SQUARE ALUMINUM LIGHTING POLE, 30', (BLACK, HAPCO #11-290-A5-D-30', ALUM POLE WITH BLACK ANODIZED FINISH, WITH A-BOLTS AND HARDWARE, OR APPROVED EQUAL)	EACH	31	\$1,707.85	\$52,943.35
	Round tapered Aluminum Lighting Pole, 30', with Single 6' Davit Arm, Black, Hapco # B41-176	EACH	3	\$1,900.00	\$5,700.00
714-08.28	FOUNDATION PREPERATION (INCLUSIVE OF ALL RELATED ITEMS FOR ROADWAY LIGHT STANDARDS, CAST IN PLACE FOUNDATION, 22" DIAMETER, 6'-6" DEPTH. THIS DOES NOT INCLUDE CLASS "A" CONCRETE OR REINFORCING STEEL)	EACH	43	\$637.63	\$27,418.09
714-08.43	FOUNDATION FOR ROADWAY LIGHT STANDARDS (CLASS "A" CONCRETE FOR STREET LIGHT FOUNDATIONS))	C.Y.	28	\$145.93	\$4,085.97
730-12.03	CONDUIT 3" DIAMETER (SCHEDULE 40 PVC, W/PULL STRING AND 2 @ 1" INNERDUCT SLEEVES, WITH #14 BARE COPPER LOCATE WIRE), (LOCATION TO BE COORDINATED WITH THE EXISTING FIBER OPTIC SYSTEM, HDPE MAY BE SUBSTITUTED FOR SCHEDULE 40 PVC.)	L.F.	215	\$6.68	\$1,436.20
	3" Schedule 80 PVC, Electrical Gray, Service Riser	EACH	80	\$12.00	\$960.00
773-90.07	NO. 2 REINFORCING STEEL BAR (FOR STREET LIGHT FOUNDATIONS)	L.F.	1290	\$0.60	\$775.61
773-90.08	NO. 4 REINFORCING STEEL BAR (FOR STREET LIGHT FOUNDATIONS)	L.F.	1290	\$0.77	\$986.85
773-90.09	MILBANK METERING PEDESTAL WITH SWITCHED LOAD CENTER, #CP3B1110A22SL1	EACH	2	\$2,400.00	\$4,800.00
773-90.11	RISER CONDUIT STAND-OFF BRACKET, NEHRWESS, BARFILED OR ALUMAFORM	EACH	6	\$124.11	\$744.66
773-90.14	CUTLER HAMMER #BR230, 2-POLE, 30AMP BREAKER	EACH	5	\$20.00	\$100.00
303-10.04	MINERAL AGGREGATE (1/2" GRAVEL FOR SECONDARY BOX INSTALLATION)	C.Y.	56	\$49.81	\$2,789.36
773-90.15	#12 SOLID TYPE UF-B FOR LIGHT POST RISERS	L.F.	4440	\$0.50	\$2,208.90
773-90.17	#6 BARE SOFT DRAWN COPPER FOR LIGHT POST GROUNDING	L.F.	310	\$0.58	\$179.80
773-90.18	#8 COPPER, THHN OR THWN, INCLUDES TWO (2) CIRCUIT CONDUCTORS	L.F.	13805	\$0.87	\$11,941.33
773-90.16	#10 COPPER, THHN OR THWN, GREEN, GROUND/GROUNDING CONDUCTOR	L.F.	6903	\$0.57	\$3,960.60
773-90.20	8' GROUND ROD, 5/8" COPPER-CLAD STEEL, EQUAL TO BLACKBURN #6258	EACH	31	\$55.36	\$1,716.24
773-90.21	GROUND BONDING CLAMP FOR 5/8" GROUND ROD	EACH	31	\$8.64	\$267.96
773-90.22	BREAKAWAY FUSE HOLDER FOR EACH POLE MOUNT, HOMAC #SLK-M	EACH	148	\$23.80	\$3,522.40
773-90.23	FUSE FOR BREAKAWAY FUSE HOLDER, LITTLEFUSE #FLM9	EACH	148	\$7.22	\$1,068.93
773-90.24	PARALLEL BONDING CONNECTOR FOR POLE GROUNDS, ANDERSON #C-4L OR EQUAL	EACH	31	\$6.86	\$212.54
773-90.25	SUBMERSIBLE SECONDARY CONNECTORS HOMAC RAB-4 OR CMC #SSBC350-4LI	EACH	62	\$26.19	\$1,623.78
773-90.26	ABOVE GRADE CONNECTOR FOR #12 CONDUCTOR, RED WIRE NUT	EACH	148	\$0.33	\$49.40
714-30.02	MISCELLANEOUS ACTIVITIES, SUCH AS SERVICES AND FEES FOR PERMITS, MOBILIZATION, AND SCHEDULING	LOT	1	\$2,943.93	\$2,943.93
714-30.01	AS-BUILT MARK-UPS	SET	1	\$448.87	\$448.87
	BRIDGE				
204-02.01	DRY EXCAVATION (BRIDGES)	CY	173	\$18.24	\$3,155.52
204-02.10	DRILLED CAISSON - EARTH (54" DIA.)	LF	66	\$402.00	\$26,532.00
204-02.20	DRILLED CAISSON - ROCK (48" DIA.)	LF	36	\$1,051.20	\$37,843.20
204-05	ROCK DRILLING (BRIDGES)	LF	48	\$22.77	\$1,092.96
303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	30	\$43.32	\$1,299.60

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ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY.	UNIT PRICE	TOTAL PRICE
604-02.03	EPOXY COATED REINFORCING STEEL	LB	135408	\$1.01	\$136,762.08
604-03.01	CLASS A CONCRETE (BRIDGES)	CY	346	\$383.00	\$132,518.00
604-03.02	STEEL BAR REINFORCEMENT (BRIDGES)	LB	48302	\$0.88	\$42,505.76
604-03.04	PAVEMENT AT BRIDGE ENDS	SY	188	\$184.64	\$34,712.32
604-03.35	CLASS L CONCRETE (BRIDGE DECK)	CY	550	\$370.13	\$203,571.50
604-04	CONCRETE STAINING	SY	589	\$67.52	\$39,769.28
604-04.01	APPLIED TEXTURE FINISH (NEW STRUCTURES)	SY	1839	\$6.75	\$12,413.25
604-05.31	BRIDGE DECK GROOVING (MECHANICAL)	SY	1352	\$2.17	\$2,933.84
606-02.03	STEEL PILES (10-INCH)	LF	327	\$42.17	\$13,789.59
606-02.06	PILE TIPS (STEEL PILES, 10-INCH)	EA	22	\$102.07	\$2,245.54
615-01.12	PRESTRESSED CONCRETE BULB TEE BEAM (6" WEB)(BT-72)	LF	2059	\$230.40	\$474,393.60
620-03.11	CONCRETE PARAPET (MODIFIED STD-11-1)	LF	454	\$275.60	\$125,122.40
620-03.12	CONCRETE PARAPET (CONCRETE POSTS WITH STRUCTURAL TUBING)	LF	454	\$243.80	\$110,685.20
620-03.13	CONCRETE PARAPET (CURB MOUNTED BARRIER RAIL)	LF	468	\$318.00	\$148,824.00
710-09.01	6" PERFORATED PIPE WITH VERTICAL DRAIN SYSTEM	LF	131	\$20.90	\$2,737.90
710-09.02	6" PIPE UNDERDRAIN	LF	38	\$11.10	\$421.80
714-01.01	STRUCTURAL LIGHTING	LS	1	\$10,000.00	\$10,000.00
920-10	ROCK CORES (2" DIA.)	LF	55	\$33.54	\$1,844.70

SWUB-TOTAL ENGINEERING ESTIMATE	\$7,324,967.93
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TOTAL ROADWAY ENGINEERING ESTIMATE	\$5,522,563.06
TOTAL LIGHTING ENGINEERING ESTIMATE	\$237,230.83
TOTAL BRIDGE ENGINEERING ESTIMATE	\$1,565,174.04

CONTINGENCY ALLOWANCE	5.00%	\$366,248.40
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TOTAL ROADWAY ENGINEERING ESTIMATE	\$7,691,216.32
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