DATE 11/15/2012

Truman to Connector Project Length	Connector to Falcon Crest Project Length	Project Length
1.05	1.05	2.09

L.M.

WILLIAMSON COUNTY

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

ITEM NO.	PROJECT QUANTITIES (COORDINATE WITH TABULATED DATA FOR ADDITIONAL FOOTNOTES ITEM DESCRIPTION	UNIT	Truman to Connector EST QTY.	Connector to Falcon Crest EST QTY.	Adjustment for Duplicate Qty EST QTY.	Adjusted EST QTY.	UNIT PRICE	TOTAL PRICE
105-01	CONSTRUCTION STAKES LINES AND GRADES	L.S.	1	1		1	$135,864.59	$135,864.59
201-01	CLEARING AND GRUBBING	L.S.	1	1		1	$295,187.91	$295,187.91
202-01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (INCLUDES BUT NOT LIMITED TO ITEMS SUCH AS SIGNS, FLEXIBLE DELINBATORS, FENCES, CONCRETE CURBS, MAILBOXES AND ALL OTHER ITEMS WITHIN THE GRADING LIMITS UNLESS OTHERWISE NOTED.)	L.S.	1	1		1	$33,873.86	$33,873.86
203-01	ROAD & DRAINAGE EXCAVATION (UNCLASSIFIED, INCLUDES 25 C.Y. FOR CONSTRUCTION ENTRANCE)	C.Y.	94253	27657	0	121910	$12.75	$1,554,352.50
203-03	BORROW EXCAVATION (UNCLASSIFIED)	C.Y.	41969	116700	0	158669	$7.07	$1,121,789.83
203-04	PLACING & SPREADING TOPSOIL	C.Y.	8021	8858	0	16879	$4.56	$76,968.24
203-05	UNDERCUTTING (UNIT PRICE BIDS INCLUDES MINERAL AGGREGATE (SURGE STONE) BACKFILL)	C.Y.	9425	2766	0	12191	$32.53	$396,573.23
203-06	WATER	M.G.	1597	1345	0	2942	$7.10	$20,888.20
203-07	FURNISHING & SPREADING TOPSOIL	C.Y.	11170	15738	0	26908	$17.23	$463,624.84
204-07	BEDDING MATERIAL (PIPE) CLASS "B"	C.Y.	2630	2559	150	5039	$29.36	$147,945.04
209-05	SEDIMENT REMOVAL	C.Y.	1546	2246	0	3792	$7.73	$29,312.16
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	11092	0	22152	$3.71	$82,183.92
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	11092	0	22152	$1.16	$25,696.32
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	32	0	60	$359.83	$21,589.80
209-09.03	SEDIMENT FILTER BAG (15' X 15')	EACH	10	8	0	18	$529.64	$9,533.52
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	4	0	11	$387.20	$4,259.20
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	106	0	204	$406.70	$82,966.80
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	11	0	24	$660.00	$15,840.00
209-65.03	TEMPORARY DIVERSION CHANNEL	L.F.	0	0	0	0	$3.44	$0.00
303-01	MINERAL AGGREGATE TYPE A BASE GRADING "D", (INCLUDES XXX TONS FOR STONE WEDGE)	TON	17571	14793	1937	30427	$17.13	$521,214.51
307-02.02	ASPHALT CEMENT (PG70-22)(BPMB-HM) GRADING A-S	TON	132	112	16	228	$857.10	$195,418.80
307-02.03	AGGREGATE(BPMB-HM) GRADING AS	TON	3941	3323	489	6775	$41.85	$283,533.75
307-02.01	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING A	TON	5205	4388	646	8947	$67.55	$604,369.85
307-02.08	ASPHALT CONCRETE MIX (PG70-22) (BPMB-HM) GRADING B-M2	TON	2557	2156	13	4700	$75.48	$354,756.00
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC), (INCLUDES 15 TONS FOR MAINTENANCE OF TRAFFIC)	TON	81	44	5	120	$700.74	$84,088.80
402-02	AGGREGATE FOR COVER MATERIAL (PC), (INCLUDES 57 TONS FOR MAINTENANCE OF TRAFFIC)	TON	203	173	21	355	$38.65	$13,720.75
403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC), (INCLUDES 1 TONS FOR MAINTENANCE OF TRAFFIC)	TON	31	17	3	45	$684.68	$30,810.60
411-02.10	ACS MIX(PG70-22) GRADING D	TON	3132	1471	186	4417	$95.64	$422,441.88
611-07.01	CLASS "A" CONCRETE (PIPE END WALLS)	C.Y.	41	48	9	80	$1,279.74	$102,379.20
611-07.02	STEEL BAR REINFORCEMENT (PIPE END WALLS)	LB.	3860	4361	959	7262	$1.88	$13,652.56
611-07.03	STRUCTURAL STEEL (PIPE END WALLS)	LB.	1820	1578	376	3022	$5.17	$15,623.74
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	0	3	$2,331.68	$6,995.04
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	80	7	168	$2,690.46	$451,997.28
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	16	0	24	$5,888.71	$141,329.04
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	0	0	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	12	0	23	$7,237.09	$166,453.07
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	3	0	7	$2,331.68	$16,321.76
611-02.10	JUNCTION BOX, TYPE 1 (COMPLETE IN-PLACE, INCLUSIVE OF ALL EXCAVATION, BACKFILL AND APPURTENAMCES NECESSARY FOR A COMPLETE INSTALLATION)	EACH	3	2	0	5	$3,133.89	$15,669.45
701-01.01	CONCRETE SIDEWALK (4 "THICKNESS W/ FIBER MESH AND 6" AGGREGATE CLASS "A" GRADING "D" BASE)	S.F.	30415	28105	0	58520	$4.23	$247,539.60
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	2116	0	7474	$6.33	$47,310.42
702-01.01	EXTRUDED MOUNTABLE CURB	L.F.	500	0	0	500	$8.44	$4,220.00
702-03	CONCRETE COMBINED CURB & GUTTER	C.Y.	715	475	0	1190	$167.20	$198,968.00
705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	1200	0	0	1200	$17.62	$21,144.00
705-04.01	GUARDRAIL TERMINAL ANCHOR (TYPE 11)	EACH	4	0	0	4	$400.00	$1,600.00
705-04.29	CRASH-CUSHION, NCHRP350 TC3	EACH	4	0	0	4	$2,724.56	$10,898.24
708-02.02	MARKERS (CITY OF FRANKLIN AS SHOWN ON THE DETAIL SHEET)	EACH	11	19	0	30	$235.82	$7,074.60

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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 THROUGOUT THE CONSTRUCTION PROJECT.)	L.F.	2150	1950	0	4100	$2.38	$9,758.00
709-05.05	MACHINED RIP-RAP (CLASS A-3), INCLUDES 200 TONS FOR CONSTRUCTION ENTRANCE, 00 TONS FOR CULVERT PROTECTION TYPE 1)	TON	200	100	0	300	$35.17	$10,551.00
709-05.09	MACHINED RIP-RAP (CLASS "C"),	TON	300	300	0	600	$41.23	$24,738.00
710-02	AGGREGATE UNDERDRAINS (WITH PIPE)	L.F.	14211	13287	0	27498	$5.18	$142,439.64
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	1	0	1	$49,534.60	$49,534.60
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 THROUGOUT THE CONSTRUCTION PROJECT.)	EACH	60	60	0	120	$50.00	$6,000.00
712-05.01	WARNING LIGHTS (TYPE A)	EACH	0	0	0	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 THROUGOUT THE CONSTRUCTION PROJECT.)	S.F.	641	321	0	962	$7.31	$7,032.22
712-06.11	CONSTRUCTION IDENTIFICATION SIGNS	EACH	2	2	0	4	$772.72	$3,090.88
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 THROUGOUT THE CONSTRUCTION PROJECT.)	L.F.	204	90	0	294	$24.73	$7,270.62
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	2	0	4	$11,000.00	$44,000.00
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	3	0	6	$146.43	$878.58
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	6	0	10	$146.43	$1,464.30
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	2	0	6	$146.43	$878.58
716-12.01	ENHANCED FLATLINE THERMO PAVEMENT MARKING (4" LINE, SSWL, SSYL, DSYL, SBYL & SBWL)	LIN. MI.	3	6	0	9.1	$3,464.12	$31,523.49
716-02.06	PLASTIC PAVEMENT MARKING TURN LANE ARROW (LEFT OR RIGHT)	EACH	4	6	0	10	$169.29	$1,692.90
716-02.09	PLASTIC PVMNT MARKING (LONGITUDINAL CROSS-WALK), (QUANTITY IS CALCULATED FROM FACE OF CURB TO FACE OF CURB)	L.F.	300	90	0	390	$33.66	$13,127.40
717-01	MOBILIZATION	L.S.	1	1	0	1	$310,635.32	$310,635.32
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	172	0	515	$3.05	$1,570.75
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	300	0	600	$4.11	$2,466.00
801-01.07	TEMPORARY SEEDING (WITH MULCH)	UNIT	775	1119	0	1894	$22.81	$43,202.14
801-03	WATER (SEEDING & SODDING)	M.G.	845	1096	0	1941	$8.70	$16,886.70
803-01	SODDING (NEW SOD, INSTALLATION SHALL BE INSTALLED ON TOPSOIL. TOPSOIL SHALL HAVE A MINIMUM DEPTH OF 6 INCHES)	S.Y.	76767	98383	0	175150	$2.77	$485,165.50
	LIGHTING							$0.00
714-09.09	LUMINAIRE ((LIGHT EMITTING DIODE "LED" - COOPER #VSTB04LEDEUSL3BK47060AIS), W/6"+/- MOUNTING ARM A-BOLTS AND HARDWARE, (TO BE COORDINATEDWITH PROJECT MANUAL FOR APPROVED PRODUCTS AND SPECIFICATIONS)	EACH	43	37	0	80	$1,287.75	$103,020.00
773-90.01	PHOTO CONTROL, RIPLEY LONGLIFE 6390L-BK MULTI-VOLT	EACH	43	37	0	80	$48.93	$3,914.30
773-90.06	SMALL PULL BOX, CDR#PA10-1324-18-0299, QUAZITE #PG2436Z510MT, HIGHLINE #PHA243618SE1-32, 94 OLDCASTLE #243618PB7021	EACH	39	0	0	39	$345.59	$13,478.06
714-03.01	2" SCHEDULE 40 PVC, ELECTRICAL GRAY	L.F.	6275	5500	0	11775	$4.65	$54,753.75
714-03.02	2" SCHEDULE 40 PVC, STANDARD RADIUS ELBOW	EACH	160	148	0	308	$25.15	$7,746.20
714-03.04	3" SCHEDULE 80 PVC MIN 24" STANDARD RADIUS ELBOW	L.F.	8	8	0	16	$23.51	$376.16
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	34	0	65	$1,707.85	$111,010.25
0	Round tapered Aluminum Lighting Pole, 30', with Single 6' Davit Arm, Black, Hapco # B41-176	EACH	3	3	0	6	$1,900.00	$11,400.00
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	37	0	80	$637.63	$51,010.40
714-08.43	FOUNDATION FOR ROADWAY LIGHT STANDARDS (CLASS "A" CONCRETE FOR STREET LIGHT FOUNDATIONS))	C.Y.	28	24	0	51.5	$145.93	$7,515.27
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	215	0	430	$6.68	$2,872.40
0	3" Schedule 80 PVC, Electrical Gray, Service Riser	EACH	80	80	0	160	$12.00	$1,920.00
773-90.07	NO. 2 REINFORCING STEEL BAR (FOR STREET LIGHT FOUNDATIONS)	L.F.	1290	1110	0	2400	$0.60	$1,443.00
773-90.08	NO. 4 REINFORCING STEEL BAR (FOR STREET LIGHT FOUNDATIONS)	L.F.	1290	1110	0	2400	$0.77	$1,836.00
773-90.09	MILBANK METERING PEDESTAL WITH SWITCHED LOAD CENTER, #CP3B1110A22SL1	EACH	2	2	0	4	$2,400.00	$9,600.00
773-90.11	RISER CONDUIT STAND-OFF BRACKET, NEHRWESS, BARFILED OR ALUMAFORM	EACH	6	6	0	12	$124.11	$1,489.32

PROJECT QUANTITIES (COORDINATE WITH TABULATED DATA FOR ADDITIONAL FOOTNOTES			Truman to Connector	Connector to Falcon Crest	Adjustment for Duplicate Qty	Adjusted		
ITEM NO.	ITEM DESCRIPTION	UNIT	EST QTY.	EST QTY.	EST QTY.	EST QTY.	UNIT PRICE	TOTAL PRICE
773-90.14	CUTLER HAMMER #BR230, 2-POLE, 30AMP BREAKER	EACH	5	2	0	7	$20.00	$140.00
303-10.04	MINERAL AGGREGATE (¾" GRAVEL FOR SECONDARY BOX INSTALLATION)	C.Y.	56	56	0	112	$49.81	$5,578.72
773-90.15	#12 SOLID TYPE UF-B FOR LIGHT POST RISERS	L.F.	4440	4260	0	8700	$0.50	$4,328.25
773-90.17	#6 BARE SOFT DRAWN COPER FOR LIGHT POST GROUNDING	L.F.	310	340	0	650	$0.58	$377.00
773-90.18	#8 COPPER, THHN OR THWN, INCLUDES TWO (2) CIRCUIT CONDUCTORS	L.F.	13805	0	0	13805	$0.87	$11,941.33
773-90.16	#10 COPPER, THHN OR THWN, GREEN, GROUND/GROUNDING CONDUCTOR	L.F.	6903	6050	0	12953	$0.57	$7,431.78
773-90.20	8' GROUND ROD, 5/8" COPPER-CLAD STEEL, EQUAL TO BLACKBURN #6258	EACH	31	34	0	65	$55.36	$3,598.56
773-90.21	GROUND BONDING CLAMP FOR 5/8" GROUND ROD	EACH	31	34	0	65	$8.64	$561.84
773-90.22	BREAKAWAY FUSE HOLDER FOR EACH POLE MOUNT, HOMAC #SLK-M	EACH	148	142	0	290	$23.80	$6,902.00
773-90.23	FUSE FOR BREAKAWAY FUSE HOLDER, LITTLEFUSE #FLM9	EACH	148	142	0	290	$7.22	$2,094.53
773-90.24	PARALLEL BONDING CONNECTOR FOR POLE GROUNDS, ANDERSON #C4-L OR EQUAL	EACH	31	34	0	65	$6.86	$445.66
773-90.25	SUBMERSIBLE SECONDARY CONNECTORS HOMAC RAB-4 OR CMC #SSBC350-4L1	EACH	62	68	0	130	$26.19	$3,404.70
773-90.26	ABOVE GRADE CONNECTOR FOR #12 CONDUCTOR, RED WIRE NUT	EACH	148	142	0	290	$0.33	$96.79
714-30.02	MISCELLANEOUS ACTIVITIES, SUCH AS SERVICES AND FEES FOR PERMITS, MOBILIZATION, AND SCHEDULING	LOT	1	1	0	2	$2,943.93	$5,887.87
714-30.01	AS-BUILT MARK-UPS	SET	1	1		1	$673.30	$673.30
	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
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
	SUB-TOTAL ENGINEERING ESTIMATE							$12,156,877.16
	TOTAL ROADWAY ENGINEERING ESTIMATE							$10,120,436.04
	TOTAL LIGHTING ENGINEERING ESTIMATE							$471,267.08
	TOTAL BRIDGE ENGINEERING ESTIMATE							$1,565,174.04
	CONTINGENCY ALLOWANCE					0		$607,843.86
	TOTAL ROADWAY ENGINEERING ESTIMATE							$12,764,721.02

Total If Built Separate
$13,237,110.00

SOUTH CAROTHERS PARKWAY FROM: CONNECTOR ROAD TO: FALCON CREST	
TOTAL ROADWAY ENGINEERING ESTIMATE	**$5,545,893.68**

SOUTH CAROTHERS PARKWAY FROM: LONG LANE/TRUMAN DRIVE TO: CONNECTOR ROAD/OLD SOUTH CAROTHERS	
TOTAL ROADWAY ENGINEERING ESTIMATE	**$7,691,216.32**