

ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

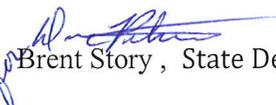
**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. #0002923
NHS00-0002-00(923)
Chatham County

OFFICE Design Policy & Support

DATE February 11, 2010

SR 25 Conn/West Bay Street from I-516 to the Bay Street Viaduct

FROM  Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached is the approved Location and Design Report for the above subject project.

Also attached is the Notice of Location and Design Approval. This is the Authorization for the District to proceed with advertisement.

Attachment

DISTRIBUTION:

Ron Wishon, State Project Review Engineer
Glenn Bowman, State Environmental Administrator
Ken Thompson, Statewide Location Bureau Chief
Michael Henry, Systems & Classification Branch Chief
Keith Golden, State Traffic Operations Engineer
Angela Alexander, State Transportation Planning Administrator
Paul Liles, State Bridge Engineer
Bobby Hilliard, State Program Delivery Engineer
Angela Robinson, Financial Management Administrator
Bradford Saxon, District Preconstruction Engineer
Glenn Durrence, District Engineer
Russell McMurry, State Roadway Design Engineer
Albert Welch, Project Manager
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**



INTERDEPARTMENTAL CORRESPONDENCE

FILE NHS00-0002-00(923), Chatham County **OFFICE** Roadway Design
SR25 Conn/ West Bay Street from
I-516 to the Bay Street Viaduct
P.I. No. 0002923 **DATE** January 22, 2010

FROM Russell R. McMurry, P.E., State Roadway Design Engineer 
TO Brent A. Story, P.E., State Design Policy Engineer
Attn: Dave Peters, Location Conceptual Studies Group Manager

Statewide Location Bureau

JAN 27 2010

SUBJECT REQUEST FOR LOCATION AND DESIGN APPROVAL

Description and Project Proposal:

The project consists of widening SR 25 Connector/ West Bay Street to include a raised median and improved sidewalks. The limits as included in the approved Concept Report are along SR 25 Connector/ West Bay Street from West Lathrop Avenue to East Lathrop Avenue for a project length of approximately 1.10 miles. The proposed project will include four 12-foot travel lanes with a variable width (20 to 64 feet) raised median that will separate eastbound and westbound traffic. Left and right turn lanes will be added or improved where appropriate. The project will also include outside curb and gutter with five foot wide sidewalks within 16-foot shoulders. Sidewalks and crosswalks will be constructed in compliance with Americans with Disabilities Act (ADA) requirements. The proposed right-of-way will vary from 100 feet to 160 feet. The proposed design speed is equivalent to the existing posted speed of 35 mph.

Concept Approval Date: February 15, 2005

Concept Update: The following changes have been made after the approval of the Concept Report:

- Project Limits: The limits as included in the approved Concept Report are along SR 25 Connector/ West Bay Street from West Lathrop Avenue to East Lathrop Avenue for a project length of approximately 1.10 miles. The revised limits at both ends of the project allow for proper transition of the proposed typical section to the existing roadway sections. The updated project limits along SR 25 Connector/ West Bay Street begin 600 feet west of West Lathrop Avenue (mile log 0.10) and it end 600 feet east of East Lathrop Avenue (mile log 1.39) in Savannah, Chatham County, Georgia. The updated total project length is 1.29 miles.

- **Lane Widths:** The lane widths for SR 25 Connector/ West Bay Street included in the approved Concept Report are 12-foot. The widths have been revised to 12-foot outside lanes and 11-foot inside lanes as a result of the implementation of the Value Engineering Study recommendations.
- **Sidewalks:** The approved Concept Report calls for five-foot sidewalks along SR 25 Connector/ West Bay Street. As currently proposed, five-foot to eight-foot wide sidewalks will be included along SR 25 Connector/ West Bay Street. However, as a result of the implementation of the Value Engineering Study recommendations, a sidewalk will not be included along the north side of SR 25 Connector/ West Bay Street from West Lathrop Avenue to Graham Street, which is within the footprint of the limited access right of way for I-516.

Environmental Assessment/ Finding of No Significant Impact:

Approval Date: August 24, 2007

Reevaluation Date: Reevaluation Under Review

Public Involvement:

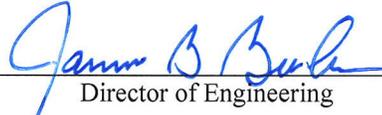
- **Hearing Results:**
 - The Public Hearing Open House was held on January 18, 2007 at the Moses Jackson Community Center.
 - Comments offered included: concerns over property acquisition, requested median opening location changes, and requests for additional pedestrian crossings of Bay Street.
 - There were 77 attendees, including the following public officials: Richard Collins, Housing Authority of Savannah; Naomi Brown, City of Savannah; and Van Johnson, City of Savannah.
 - 8 comments were received, 8 supported the project, and none opposed it.
 - No major changes were made to the project as a result of the comments received.
- **Public Information Open House**
 - A Public Information Open House was held on August 24, 2004 at the Moses Jackson Community Center.
 - Comments offered included: concerns over community redevelopment, concerns over traffic noise, requests for safer crosswalks, requests for lighting and landscaping, concerns over business displacements, and concerns over access to businesses with the median in place.
 - There were 144 attendees, including the following public officials: Timothy MacKey, MPC Chairman; Dr. Priscilla Thomas, Chatham County Commissioner.
 - 45 comments were received, 30 supported the project, and 8 opposed it.
 - As a result of the comments received, the locally preferred alternative was selected and median opening locations were revised.

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the approved Concept Report, except as noted above.

Mr. Story
Page 3
January 22, 2010

Recommendations: It is recommended that the location and design for the project be approved and that the attached Notice be approved for advertising.

RECOMMEND:  _____
Director of Engineering
Date of Approval

APPROVE:  _____
Chief Engineer
02/11/2010
Date of Approval

RRM:ASW:mgc 

Attachments:

- Notice of Location and Design Approval
- Sketch Map
- Cost Estimate

NOTICE OF LOCATION AND DESIGN APPROVAL

PROJECT NUMBER: NHS00-0002-00(923), CHATHAM COUNTY

P.I. NUMBER: 0002923

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

Date of Location Design Approval: February 11, 2010

The project consists of widening SR 25 Connector/ West Bay Street to include a raised median and improved sidewalks, while maintaining four travel lanes and adding turn lanes where appropriate. The project begins 600 feet west of West Lathrop Avenue (mile log 0.10) and it ends 600 feet east of East Lathrop Avenue (mile log 1.39). Total project length is 1.29 miles. The project lies entirely within the City of Savannah in Chatham County, Georgia Military Districts 1 and 8, and the 12th Congressional District.

The purpose of the project is to provide for safe and efficient traffic flow and to improve safety conditions for pedestrians traveling along and across SR 25 Connector/West Bay Street. The construction of the project will be completed while maintaining a minimum of one traffic lane in each direction along the corridor. No roadway closures are anticipated.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Mr. Troy Pittman, P.E., Area Engineer
Georgia Department of Transportation
630 West Boundary Street
Savannah, Georgia 31402
E-mail: tpittman@dot.ga.gov
Phone: (912) 651-2144

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Mr. Russell McMurry, P.E., State Roadway Design Engineer
Georgia Department of Transportation
600 West Peachtree Street, 27th Floor
Atlanta, Georgia 30308
E-mail: rmcmurry@dot.ga.gov
Phone: (404) 631-1977

Any written request or communications in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE PROJECT No. NHS00-0002-00(923), Chatham County
SR 25 Conn/Bay Street from I-516 to the
Bay Street Viaduct
P.I. No. 0002923

OFFICE Urban Design

DATE 6/4/2009

FROM James B. Buchan, P.E., State Urban Design Engineer

TO Ronald E. Wishon, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER Albert Welch

MNGT LET DATE N/A

MNGT R/W DATE N/A

PROGRAMMED COST (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$10,176,690

DATE 1/18/2009

RIGHT OF WAY N/A

DATE 1/18/2009

UTILITIES \$ 24,100

DATE 1/18/2009

REVISED COST ESTIMATES

CONSTRUCTION* \$10,952,142

RIGHT OF WAY \$10,900,000

UTILITIES** \$24,100

* Costs contain 5% Engineering and Inspection and 4% Construction Contingencies and Fuel and Liquid AC Adjustments.

** Costs contain 30% contingency.

REASON FOR COST INCREASE Preliminary plans submission cost estimate

P.I. Number 0002923
 Project Number NHS00-0002-00(923)

County CHATHAM

Date 6/4/2009

Special Provision, Section 109-Measurement and Payment
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)

ENTER FPL DIESEL	2.137
ENTER FPM DIESEL	4.808

ENTER FPL UNLEADED	1.903
ENTER FPM UNLEADED	4.28175

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)		0.29		0.15		
Excavations paid as specified by Sections 206 (CUBIC YARD)		0.29		0.15		
GAB paid as specified by the ton under Section 310 (TON)	38900.000	0.29	11281.00	0.24	9336.00	
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)	21700.000	2.90	62930.00	0.71	15407.00	
PCC Pavement paid as specified by the square yard under Section 430 (SY)		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Class __ Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel <u>Plan Quantity</u> (LB) Section 501				8.00		1.50		
Stru Steel <u>Plan Quantity</u> (LB) Section 501				8.00		1.50		
PSC Beams____(LF) Section 507				8.00		1.50		
PSC Beams____(LF) Section 507				8.00		1.50		
PSC Beams____(LF) Section 507				8.00		1.50		
Stru Reinf <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Stru Reinf <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511				8.00		1.50		
Piling____inch (LF) Section 520				8.00		1.50		
Piling____inch (LF) Section 520				8.00		1.50		
Piling____inch (LF) Section 520				8.00		1.50		
Piling____inch (LF) Section 520				8.00		1.50		
Piling____inch (LF) Section 520				8.00		1.50		
Piling____inch (LF) Section 520				8.00		1.50		
Drilled Caisson,____(LF) Section 524				8.00		1.50		
Drilled Caisson,____(LF) Section 524				8.00		1.50		
Drilled Caisson,____(LF) Section 524				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		
Pile Encasement,____(LF) Section 547				8.00		1.50		

SUM QF DIESEL=	74211.00	SUM QF UNLEADED=	24743.00
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DIESEL PRICE ADJUSTMENT(\$)	\$182,377.24
UNLEADED PRICE ADJUSTMENT(\$)	\$54,148.82

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

ENTER APL

ENTER APM

Use this side for Asphalt Emulsion Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
TMT =		<input style="width: 100px;" type="text"/>
REMARKS:		

Use this side for Asphalt Cement Only		
L.I.N.	TYPE	TACK (GALLONS)
TMT =		<input style="width: 100px;" type="text"/>
REMARKS:		

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (<i>ENGLISH 125% MAX</i>)	
DIESEL PRICE ADJUSTMENT(\$)	<u>\$182,377.24</u>
UNLEADED PRICE ADJUSTMENT(\$)	<u>\$54,148.82</u>
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	<u>\$11,599.86</u>
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	<u>\$443,654.64</u>
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:	
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TOTAL ADJUSTMENTS	\$691,780.56
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Estimate Report for file "0002923"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	2515800.00	TRAFFIC CONTROL - NHS00-0002-00(923)	2515800.00
153-1300	1	EA	73914.48	FIELD ENGINEERS OFFICE TP 3	73914.48
207-0203	50	CY	44.73	FOUND BK FILL MATL, TP II	2236.50
210-0100	1	LS	500000.00	GRADING COMPLETE - NHS00-0002-00(923)	500000.00
310-1101	38900	TN	17.04	GR AGGR BASE CRS, INCL MATL	662856.00
318-3000	350	TN	21.39	AGGR SURF CRS	7486.50
402-1812	84	TN	70.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	5880.00
402-3121	10300	TN	60.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	618000.00
402-3130	5500	TN	70.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	385000.00
402-3190	5800	TN	70.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	406000.00
413-1000	6600	GL	2.00	BITUM TACK COAT	13200.00
432-5010	14400	SY	1.16	MILL ASPH CONC PVMT, VARIABLE DEPTH	16704.00
441-0104	11600	SY	30.72	CONC SIDEWALK, 4 IN	356352.00
441-0740	1200	SY	32.91	CONCRETE MEDIAN, 4 IN	39492.00
441-0754	820	SY	54.56	CONCRETE MEDIAN, 7 1/2 IN	44739.20
441-4030	2300	SY	43.89	CONC VALLEY GUTTER, 8 IN	100947.00
441-5002	2000	LF	12.57	CONCRETE HEADER CURB, 6 IN, TP 2	25140.00
441-6222	15300	LF	14.96	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	228888.00
441-6740	11200	LF	13.12	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	146944.00
446-1100	5200	LF	4.57	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	23764.00
500-3101	260	CY	238.02	CLASS A CONCRETE	61885.20
500-9999	240	CY	192.85	CLASS B CONC, BASE OR PVMT WIDENING	46284.00
511-1000	33100	LB	0.89	BAR REINF STEEL	29459.00
550-1150	12	LF	32.50	STORM DRAIN PIPE, 15 IN, H 1-10	390.00
550-1180	6700	LF	36.27	STORM DRAIN PIPE, 18 IN, H 1-10	243009.00
550-1181	37	LF	53.99	STORM DRAIN PIPE, 18 IN, H 10-15	1997.63
550-1240	2800	LF	41.79	STORM DRAIN PIPE, 24 IN, H 1-10	117012.00
550-1241	130	LF	53.45	STORM DRAIN PIPE, 24 IN, H 10-15	6948.50
550-1300	3900	LF	53.29	STORM DRAIN PIPE, 30 IN, H 1-10	207831.00
550-1360	270	LF	62.22	STORM DRAIN PIPE, 36 IN, H 1-10	16799.40
550-1420	510	LF	87.72	STORM DRAIN PIPE, 42 IN, H 1-10	44737.20
550-1480	260	LF	105.51	STORM DRAIN PIPE, 48 IN, H 1-10	27432.60
550-4218	2	EA	551.07	FLARED END SECTION 18 IN, STORM DRAIN	1102.14
550-4230	1	EA	761.29	FLARED END SECTION 30 IN, STORM DRAIN	761.29
573-2006	1800	LF	9.09	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	16362.00
600-0001	10	CY	148.26	FLOWABLE FILL	1482.60
611-3000	5	EA	2438.00	RECONSTR CATCH BASIN, GROUP 1	12190.00
611-3030	1	EA	357.59	RECONSTR STORM SEW MANHOLE, TYPE 1	357.59
611-8040	1	EA	1093.26	ADJUST DROP INLET TO GRADE	1093.26
611-8050	7	EA	1020.49	ADJUST MANHOLE TO GRADE	7143.43
621-3125	200	LF	370.00	CONCRETE BARRIER, TP 25S, MODIFIED	74000.00
621-6002	230	LF	100.00	CONCRETE BARRIER, TP S-2	23000.00
634-1200	161	EA	93.93	RIGHT OF WAY MARKERS	15122.73
635-1000	66	LF	79.17	BARRICADES	5225.22
641-1100	100	LF	52.35	GUARDRAIL, TP T	5235.00
641-1200	30	LF	17.89	GUARDRAIL, TP W	536.70
641-5001	1	EA	673.15	GUARDRAIL ANCHORAGE, TP 1	673.15
641-5012	1	EA	1762.58	GUARDRAIL ANCHORAGE, TP 12	1762.58
643-8200	5000	LF	2.21	BARRIER FENCE (ORANGE), 4 FT	11050.00
648-1350	1	EA	17113.20	IMPACT ATTENUATOR UNIT, TYPE P - 3 - B - 28	17113.20
648-1350	1	EA	17113.20	IMPACT ATTENUATOR UNIT, TYPE P - 3 - B - 30	17113.20
668-1100	145	EA	2429.74	CATCH BASIN, GP 1	352312.30
668-1110	180	LF	168.54	CATCH BASIN, GP 1, ADDL DEPTH	30337.20
668-1200	4	EA	3088.68	CATCH BASIN, GP 2	12354.72
668-1210	19	LF	219.02	CATCH BASIN, GP 2, ADDL DEPTH	4161.38
668-2100	67	EA	2360.78	DROP INLET, GP 1	158172.26
668-2105	13	EA	3485.00	DROP INLET, GP 1, SPCL DES	45305.00

668-2110	57	LF	196.09	DROP INLET, GP 1, ADDL DEPTH	11177.13
668-4300	22	EA	2269.90	STORM SEWER MANHOLE, TP 1	49937.80
668-4311	29	LF	210.85	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	6114.65
668-4312	48	LF	207.49	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 2	9959.52
668-4400	1	EA	2821.76	STORM SEWER MANHOLE, TP 2	2821.76
668-4411	2	LF	254.16	STORM SEWER MANHOLE, TP 2, ADDL DEPTH, CL 1	508.32
Section Sub Total:					\$7,871,615.34

Section SIGNING AND MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	110	SF	16.67	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1833.70
636-1029	150	SF	14.67	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	2200.50
636-1033	680	SF	20.24	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	13763.20
636-2070	1800	LF	8.71	GALV STEEL POSTS, TP 7	15678.00
636-2090	26	LF	9.36	GALV STEEL POSTS, TP 9	243.36
653-0120	41	EA	72.49	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	2972.09
653-1501	21100	LF	0.44	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	9284.00
653-1502	16100	LF	0.45	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	7245.00
653-1704	710	LF	3.47	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	2463.70
653-1804	13700	LF	1.68	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	23016.00
653-3501	17800	GLF	0.33	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	5874.00
653-6004	370	SY	2.71	THERMOPLASTIC TRAF STRIPING, WHITE	1002.70
653-6006	670	SY	2.63	THERMOPLASTIC TRAF STRIPING, YELLOW	1762.10
654-1001	56	EA	3.04	RAISED PVMT MARKERS TP 1	170.24
654-1003	275	EA	3.20	RAISED PVMT MARKERS TP 3	880.00
Section Sub Total:					\$88,388.59

Section SIGNALIZATION

Item Number	Quantity	Units	Unit Price	Item Description	Cost
615-1200	3900	LF	9.98	DIRECTIONAL BORE - 6 IN	38922.00
639-3004	14	EA	12104.30	STEEL STRAIN POLE, TP IV	169460.20
647-1000	1	LS	80000.00	TRAFFIC SIGNAL INSTALLATION NO - 1	80000.00
647-1000	1	LS	80000.00	TRAFFIC SIGNAL INSTALLATION NO - 2	80000.00
647-1000	1	LS	80000.00	TRAFFIC SIGNAL INSTALLATION NO - 3	80000.00
647-1000	1	LS	80000.00	TRAFFIC SIGNAL INSTALLATION NO - 4	80000.00
682-6233	4900	LF	3.20	CONDUIT, NONMETL, TP 3, 2 IN	15680.00
687-1000	1	LS	30479.00	TRAFFIC SIGNAL TIMING - NHS00-0002-00 (923)	30479.00
935-6562	4	EA	1715.22	EXTERNAL TRANSCEIVER, DROP AND REPEAT, 1310 SINGLE MODE, (SIGNAL JOBS)	6860.88
Section Sub Total:					\$581,402.08

Section ATMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
615-1200	1900	LF	9.98	DIRECTIONAL BORE - 3 IN	18962.00
647-2160	20	EA	883.33	PULL BOX, PB-6	17666.60
647-2170	4	EA	1557.35	PULL BOX, PB-7	6229.40
682-6233	5800	LF	3.20	CONDUIT, NONMETL, TP 3, 2 IN	18560.00
935-1115	8500	LF	2.50	OUTSIDE PLANT FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 48 FIBER	21250.00
935-1511	210	LF	2.31	OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SINGLE MODE, 6 FIBER	485.10
935-3105	4	EA	385.00	FIBER OPTIC CLOSURE, UNDERGROUND, 48 FIBER	1540.00

935-4010	16	EA	52.14	FIBER OPTIC SPLICE, FUSION	834.24
936-8000	1	LS	1000.00	TESTING	1000.00
Section Sub Total:					\$86,527.34

Section STREET LIGHTING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3101	162	CY	238.02	CLASS A CONCRETE	38559.24
511-1000	32400	LB	0.89	BAR REINF STEEL	28836.00
615-1200	1940	LF	9.98	DIRECTIONAL BORE - 3 IN	19361.20
681-4211	54	EA	2800.00	LIGHTING STD, 32 FT MH, POST TOP	151200.00
681-6346	54	EA	850.00	LUMINAIRE, TP 3, 250 W, HP SODIUM	45900.00
681-6620	10	EA	560.00	LUMINAIRE, TP A, 150 W, HP SODIUM	5600.00
682-1504	3615	LF	2.00	CABLE, TP RHH-RHW, AWG NO 10	7230.00
682-1505	50555	LF	1.30	CABLE, TP RHH/RHW, AWG NO 8	65721.50
682-6110	1290	LF	7.07	CONDUIT, RIGID, 1 IN	9120.30
682-6222	14102	LF	6.26	CONDUIT, NONMETL, TP 2, 2 IN	88278.52
682-6233	1940	LF	3.20	CONDUIT, NONMETL, TP 3, 2 IN	6208.00
682-9021	10	EA	2810.52	ELECTRICAL JUNCTION BOX, CONC GROUND MOUNTED	28105.20
682-9023	9	EA	750.00	ELECTRICAL JUNCTION BOX, GALVANIZED, SIZE -	6750.00
939-5010	3	EA	2687.50	ELECTRICAL POWER SERVICE ASSEMBLY, AERIAL SERVICE POINT	8062.50
Section Sub Total:					\$508,932.46

Section LANDSCAPING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
702-0542	23	EA	150.00	LAGERSTROEMIA INDICA - CRAPE MYRTLE, 1 IN CAL., 7-8 FT H	3450.00
702-1910	22	EA	150.00	QUERCUS VIRGINIANA - LIVE OAK, 2-2.5 IN CAL.	3300.00
702-9005	300	LB	4.31	SPRING APPLICATION FERTILIZER	1293.00
702-9020	6000	SY	6.55	MULCH	39300.00
708-1000	200	CY	32.85	PLANT TOPSOIL	6570.00
Section Sub Total:					\$53,913.00

Section PERMANENT EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2181	80	SY	34.43	STN DUMPED RIP RAP, TP 3, 18 IN	2754.40
603-7000	80	SY	3.80	PLASTIC FILTER FABRIC	304.00
700-6910	10	AC	674.07	PERMANENT GRASSING	6740.70
700-7000	55	TN	60.51	AGRICULTURAL LIME	3328.05
700-7010	46	GL	20.53	LIQUID LIME	944.38
700-8000	8	TN	409.57	FERTILIZER MIXED GRADE	3276.56
700-8100	460	LB	2.30	FERTILIZER NITROGEN CONTENT	1058.00
716-2000	470	SY	0.95	EROSION CONTROL MATS, SLOPES	446.50
Section Sub Total:					\$18,852.59

Section TEMPORARY EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	10	AC	283.37	TEMPORARY GRASSING	2833.70
163-0240	340	TN	129.90	MULCH	44166.00
163-0300	10	EA	1148.70	CONSTRUCTION EXIT	11487.00
163-0503	1	EA	442.20	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	442.20
163-0550	247	EA	188.29	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	46507.63
165-0020	7000	LF	1.00	MAINTENANCE OF TEMPORARY SILT FENCE, TP B	7000.00
165-0030	60	LF	0.66	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	39.60
165-0087	1	EA	113.48	MAINTENANCE OF SILT CONTROL GATE, TP 3	113.48
165-0101	10	EA	481.34	MAINTENANCE OF CONSTRUCTION EXIT	4813.40
165-0105	247	EA	78.69	MAINTENANCE OF INLET SEDIMENT TRAP	19436.43

167-1000	2	EA	460.30	WATER QUALITY MONITORING AND SAMPLING	920.60
167-1500	24	MO	685.80	WATER QUALITY INSPECTIONS	16459.20
171-0020	14000	LF	3.50	TEMPORARY SILT FENCE, TYPE B	49000.00
171-0030	110	LF	2.95	TEMPORARY SILT FENCE, TYPE C	324.50
Section Sub Total:					\$203,543.74

Total Estimated Cost: \$9,413,175.14