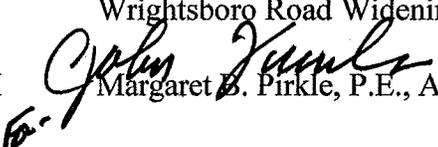


D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 250510, Richmond County **OFFICE** Preconstruction  
STP-7001(9)  
Wrightsboro Road Widening **DATE** June 7, 2005

**FROM**  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED NOTICE OF LOCATION AND DESIGN

Attached for your further handling is the approved Location and Design Report on the above subject project.

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

MBP/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keepler  
Jamie Simpson  
Paul Liles  
Keith Golden  
Ken Thompson  
Joe Palladi (file copy)  
Babs Abubakari  
Ben Buchan  
Mike Thomas  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-7001(9), Richmond County  
Wrightsboro Road Widening  
P.I. No.: 250510

OFFICE Urban Design

DATE May 25, 2005

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

TO Margaret B. Pirkle, P.E. Assistant Director of Preconstruction

SUBJECT Request for Location and Design Approval

**DESCRIPTION and PROJECT PROPOSAL:** The proposed project widens and reconstructs Wrightsboro Road from Jimmie Dyess Parkway to Interstate 520. The project is located entirely within Richmond County, Congressional District 12. The proposed construction will consist of widening Wrightsboro Road from a two-lane road to a four-lane with a 20' raised median. Four foot bike lanes, curb and gutter and sidewalk are also proposed along both sides of Wrightsboro Road. Intersection improvements are proposed throughout the project length, including a new traffic signal at the intersection with Belair Road.

**CONCEPT APPROVAL DATE:** July 31, 2000

**CONCEPT UPDATE:** A Concept Report Revision was approved on August 15, 2002. This revision was due to a change in alignment between Maddox Drive and Barton Chapel Road. The change was to realign Wrightsboro to the south, whereas the original concept realigned Wrightsboro Road to the north.

The original concept also proposed for Augusta West Parkway and Barton Chapel Road to be realigned to create a single signalized intersection. As part of the concept report revision approved on August 15, 2002, the Augusta West Parkway realignment was deleted, and Barton Chapel Road was proposed to be relocated to the west to create an adequate spacing between the Augusta West Parkway and Barton Chapel Road intersections with Wrightsboro Road.

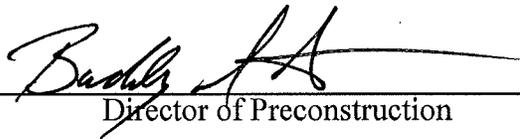
**ENVIRONMENTAL ASSESSMENT AND REASSESSMENT APPROVAL DATE:** The Finding of No Significant Impact was approved on June 14, 2004.

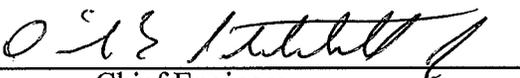
**PUBLIC INVOLVEMENT:** A Public Information Meeting was held on June 19, 2000. A Public Hearing was held on July 21, 2003.

**CONSISTENCY WITH APPROVED PLANNING:**

The design description as presented herein and submitted for approval is consistent with the approved Concept Report and/or the approved Concept Report Revision.

**RECOMMENDATIONS:** The Office of Urban Design recommends that the location and design for this project be approved and that the attached Notice be approved for advertising.

**RECOMMEND:**   
Director of Preconstruction

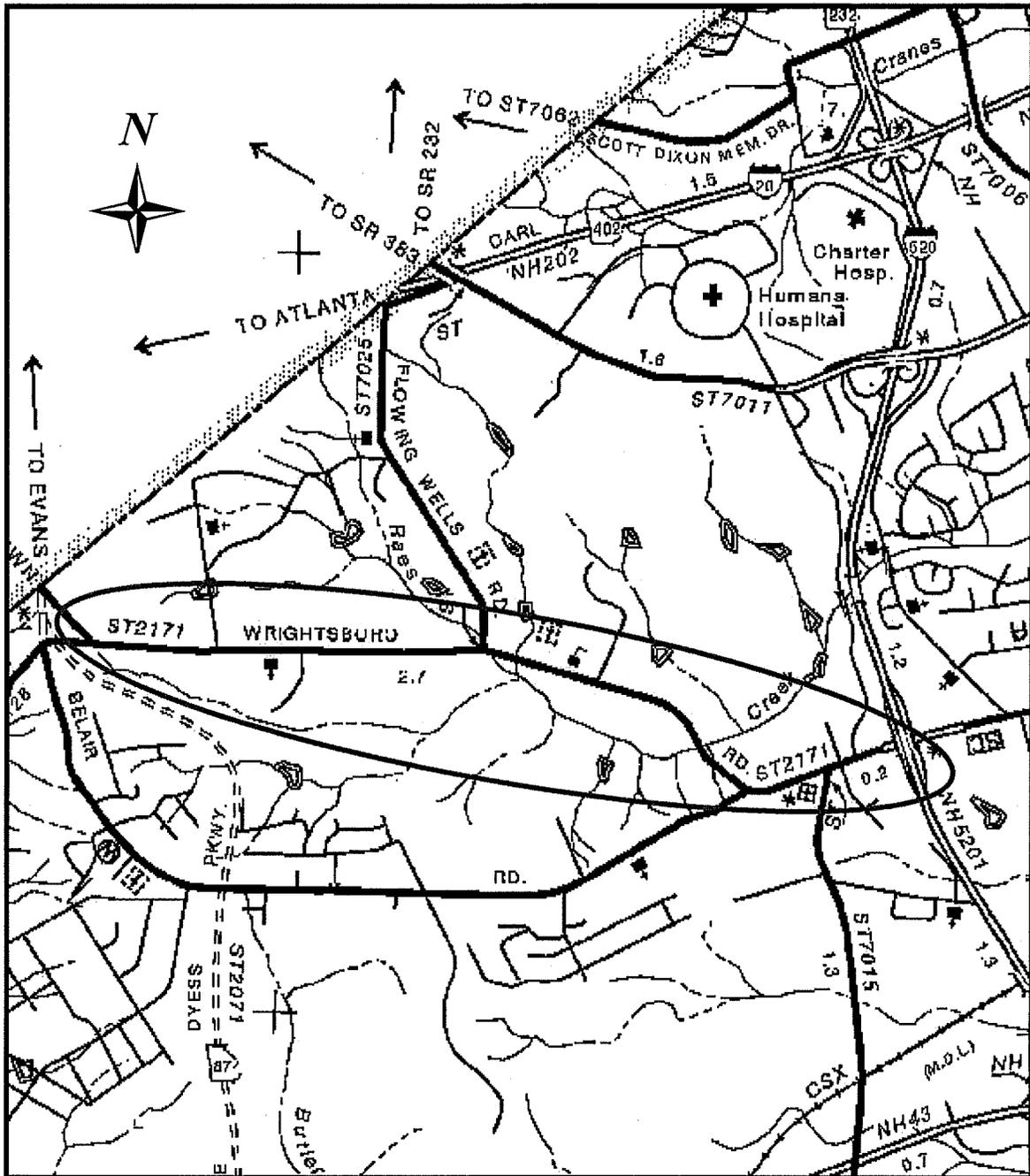
**APPROVE:**   
Chief Engineer

6/6/05  
Date of Approval

<sup>JCB</sup>  
JBB: TRH

Attachments:

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



**Location Map**

**Project:** STP-7001(9) Richmond County

**PI No.:** 250510

**Description:** Wrightsboro Road

WRIGHTSBORO ROAD COST ESTIMATE

UPDATED  
5/25/2005

ITEM	DESCRIPTION	UNITS	WT. AVG.	MEASURED QUANTITY	QUANTITY	COST
=====	=====	=====	=====	=====	=====	=====
ROADWAY						
150-1000	TRAFFIC CONTROL - PROJECT STP-7001(9)	LS	200000.00	1	1	\$200,000.00
153-1300	FIELD ENGINEERS OFFICE TP 3	EA	52503.00	1	1	\$52,503.00
207-0203	FOUND BKFILL MATL, TP II	CY	32.67	477	500	\$16,335.00
210-0100	GRADING COMPLETE - PROJECT STP-7001(9)	LS	1200000.00	1	1	\$1,200,000.00
310-1101	GR AGGR BASE CRS, INCL MATL	TN	14.19	53989	54000	\$766,260.00
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	40.87		500	\$20,435.00
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	37.02	17063	17100	\$633,042.00
402-3130	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM	TN	38.20	10163	10200	\$389,640.00
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	40.26	9071	9100	\$366,366.00
413-1000	BITUM TACK COAT	GL	1.01	6176	6200	\$6,262.00
432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	1.29		1000	\$1,290.00
441-0014	DRIVEWAY CONCRETE, 4 IN TK	SY	30.00	830	840	\$25,200.00
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	30.15	248	250	\$7,537.50
441-0104	CONC SIDEWALK, 4 IN	SY	25.47	13649	13700	\$348,939.00
441-0740	CONCRETE MEDIAN, 4 IN	SY	23.48	2247	2300	\$54,004.00
441-0748	CONCRETE MEDIAN, 6 IN	SY	33.48	47	50	\$1,674.00
441-4020	CONC VALLEY GUTTER, 6 IN	SY	35.63	3146	3200	\$114,016.00
441-4030	CONC VALLEY GUTTER, 8 IN	SY	35.92	1872	1900	\$68,248.00
441-5002	CONCRETE HEADER CURB, 6 IN, TP 2	LF	11.85	1143	1200	\$14,220.00
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	12.22	29584	29600	\$361,712.00
441-6740	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	LF	10.07	23014	23100	\$232,617.00
441-7011	CURB CUT WHEELCHAIR RAMPS, TP A	EA	647.07	15	15	\$9,706.05
441-7012	CURB CUT WHEELCHAIR RAMPS, TP B	EA	818.70	8	8	\$6,549.60
441-7014	CURB CUT WHEELCHAIR RAMP, TP D	EA	818.70	20	20	\$16,374.00
444-1000	SAWED JOINTS IN EXIST PAVEMENTS - PCC	LF	3.69	2157	2200	\$8,118.00
446-1002	PVMT REINF FABRIC STRIPS, TP 2, INCL BITUM BINDER	LF	3.00	23443	23500	\$70,500.00
500-3101	CLASS A CONCRETE	CY	459.51	1510	1600	\$735,216.00
500-3201	CLASS B CONCRETE, RETAINING WALL	CY	304.15	98	100	\$30,415.00
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	145.42	25	30	\$4,362.60
511-1000	BAR REINF STEEL	LB	0.71	169647	169700	\$120,487.00
515-2020	GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF	43.34	150	150	\$6,501.00
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	30.24	9383	9400	\$284,256.00
550-1240	STORM DRAIN PIPE, 24 IN, H 1-10	LF	33.39	3862	3900	\$130,221.00
550-1300	STORM DRAIN PIPE, 30 IN, H 1-10	LF	43.78	2370	2400	\$105,072.00
550-1301	STORM DRAIN PIPE, 30 IN, H 10-15	LF	50.10	98	100	\$5,010.00
550-1360	STORM DRAIN PIPE, 36 IN, H 1-10	LF	52.01	484	500	\$26,005.00
550-2180	SIDE DRAIN PIPE, 18 IN, H 1-10	LF	23.33	120	130	\$3,032.90
550-2420	SIDE DRAIN PIPE, 42 IN, H 1-10	LF	55.08	91	100	\$5,508.00
550-3418	SAFETY END SECTION 18 IN, SIDE DRAIN, 4:1 SLOPE	EA	512.90	6	6	\$3,077.40
550-3442	SAFETY END SECTION 42 IN, SIDE DRAIN, 4:1 SLOPE	EA	1420.00	1	1	\$1,420.00
550-4218	FLARED END SECTION 18 IN, STORM DRAIN	EA	407.44	3	3	\$1,222.32
550-4224	FLARED END SECTION 24 IN, STORM DRAIN	EA	466.09	2	2	\$932.18
550-4230	FLARED END SECTION 30 IN, STORM DRAIN	EA	658.76	1	1	\$658.76
550-4236	FLARED END SECTION 36 IN, STORM DRAIN	EA	994.19	2	2	\$1,988.38
611-3000	RECONSTR CATCH BASIN, GROUP 1	EA	1571.09	2	2	\$3,142.18
611-3010	RECONSTR DROP INLET, GROUP 1	EA	1708.82	5	5	\$8,544.10
611-3030	RECONSTR STORM SEW MANHOLE, TYPE 1	EA	1358.90	1	1	\$1,358.90
611-8040	ADJUST DROP INLET TO GRADE	EA	1442.40	4	4	\$5,769.60
611-8050	ADJUST MANHOLE TO GRADE	EA	764.27	2	2	\$1,528.54
622-1033	PRECAST CONCRETE MEDIAN BARRIER, METHOD 3	LF	33.89	514	550	\$18,639.50
634-1200	RIGHT OF WAY MARKER	EA	86.71	208	210	\$18,209.10
641-1200	GUARDRAIL, TP W	LF	13.11	1293	1300	\$17,043.00
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	477.04	7	7	\$3,339.28
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	1523.54	5	5	\$7,617.70
668-1100	CATCH BASIN, GP 1	EA	1834.36	125	125	\$229,295.00
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	186.29	64	70	\$13,040.30
668-2100	DROP INLET, GP 1	EA	2124.93	19	19	\$40,373.67
668-2105	DROP INLET, GP 1, SPCL DES	EA	3877.74	1	1	\$3,877.74
668-4300	STORM SEWER MANHOLE, TP 1	EA	1858.09	4	4	\$7,432.36
668-4312	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 2	LF	231.91	2	5	\$1,159.55

Section SUB TOTAL \$6,837,304.21

PERMANENT EROSION CONTROL							
603-2018	STN DUMPED RIP RAP, TP 1, 18 IN	SY	38.62	1987	2000	\$77,240.00	
603-7000	PLASTIC FILTER FABRIC	SY	3.48	1987	2000	\$6,960.00	
700-6910	PERMANENT GRASSING	AC	778.06	8	8	\$6,224.48	
700-7000	AGRICULTURAL LIME	TN	62.71	22	22	\$1,379.62	
700-7010	LIQUID LIME	GL	23.17	19	20	\$463.40	
700-8000	FERTILIZER MIXED GRADE	TN	247.30	8	10	\$2,473.00	
700-8100	FERTILIZER NITROGEN CONTENT	LB	1.43	730	750	\$1,072.50	
					Section SUB	TOTAL	\$95,813.00

TEMPORARY EROSION CONTROL							
163-0232	TEMPORARY GRASSING	AC	501.60	4	4	\$2,006.40	
163-0240	MULCH	TN	170.17	400	400	\$68,068.00	
163-0501	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	EA	819.57	3	3	\$2,458.71	
163-0503	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	EA	490.30	3	3	\$1,470.90	
163-0520	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	LF	12.17		1000	\$12,170.00	
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	LF	0.98	1476	1500	\$1,470.00	
165-0020	MAINTENANCE OF TEMPORARY SILT FENCE, TP B	LF	1.14	12317	12400	\$14,136.00	
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	1.29	3160	3200	\$4,127.61	
165-0085	MAINTENANCE OF SILT CONTROL GATE, TP 1	EA	233.92	3	3	\$701.76	
165-0087	MAINTENANCE OF SILT CONTROL GATE, TP 3	EA	161.86	3	3	\$485.58	
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	1540.57	2	2	\$3,081.14	
167-1500	WATER QUALITY INSPECTIONS	MO	822.30	24	24	\$19,735.20	
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	1.76	2952	3000	\$5,280.00	
171-0020	TEMPORARY SILT FENCE, TYPE B	LF	1.55	24634	24700	\$38,285.00	
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	3.08	6320	6400	\$19,712.00	
					Section SUB	TOTAL	\$193,188.30

SIGNING AND MARKING							
610-6515	REM HIGHWAY SIGN, STD	EA	60.46	9	9	\$544.14	
611-5360	RESET HIGHWAY SIGN	EA	414.05	5	5	\$2,070.25	
636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	14.14	833	840	\$11,877.60	
636-1029	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	SF	16.44	20	20	\$328.80	
636-1031	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	SF	18.58	141	150	\$2,787.00	
636-2020	GALV STEEL POSTS, TP 2	LF	5.97	52	52	\$310.44	
636-2030	GALV STEEL POSTS, TP 3	LF	6.33	1660	1700	\$10,761.00	
636-2040	GALV STEEL POSTS, TP 4	LF	7.40	323	330	\$2,442.00	
639-2002	STEEL WIRE STRAND CABLE, 3/8 IN	LF	2.40	624	630	\$1,512.00	
639-4002	STRAIN POLE, TP II	EA	4742.97	2	2	\$9,485.94	
639-4003	STRAIN POLE, TP III	EA	4031.58	4	4	\$16,126.32	
652-0094	PAVEMENT MARKING, SYMBOL, TP 4	EA	36.88	23	23	\$848.24	
652-0110	PAVEMENT MARKING, ARROW, TP 1	EA	37.68	23	23	\$866.64	
652-5301	SOLID TRAF STRIPE, 6 IN, WHITE	LF	0.09	24722	24800	\$2,232.00	
652-6301	SKIP TRAF STRIPE, 6 IN, WHITE	GLF	0.08	2177	2200	\$176.00	
653-0110	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	EA	55.03	2	2	\$110.06	
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	59.15	73	73	\$4,317.95	
653-0170	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	EA	84.35	18	18	\$1,518.30	
653-0210	THERMOPLASTIC PVMT MARKING, WORD, TP 1	EA	97.75	7	7	\$684.25	
653-0235	THERMOPLASTIC PVMT MARKING, WORD, TP 3B	EA	134.38	4	4	\$537.52	
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	0.28	38312	38400	\$10,752.00	
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	0.24	29286	29300	\$7,032.00	
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	3.12	567	570	\$1,778.40	
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	1.60	6947	7000	\$11,200.00	
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	0.14	31154	31200	\$4,368.00	
653-3502	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	GLF	0.15	1100	1100	\$165.00	
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	2.43	588	590	\$1,433.70	
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	2.44	394	400	\$976.00	
654-1001	RAISED PVMT MARKERS TP 1	EA	3.16	106	110	\$347.60	
654-1003	RAISED PVMT MARKERS TP 3	EA	3.06	670	680	\$2,080.80	
					Section SUB	TOTAL	\$109,669.95

TRAFFIC SIGNAL						
639-3004	STEEL STRAIN POLE, TP IV WITH 45 FT MAST ARM	EA	7200.00		2	\$14,400.00
639-3004	STEEL STRAIN POLE, TP IV WITH 50 FT MAST ARM	EA	7800.00		1	\$7,800.00
639-3004	STEEL STRAIN POLE, TP IV WITH 55 FT MAST ARM	EA	8400.00		1	\$8,400.00
639-3004	STEEL STRAIN POLE, TP IV WITH 60 FT MAST ARM	EA	9000.00		1	\$9,000.00

639-3004	STEEL STRAIN POLE, TP IV WITH 65 FT MAST ARM	EA	9600.00		4	\$38,400.00
639-3004	STEEL STRAIN POLE, TP IV WITH 45 FT AND 65 FT MAST ARMS	EA	12000.00		1	\$12,000.00
647-1000	TRAFFIC SIGNAL INSTALLATION NO 1	LS	54596.64	LS		\$54,596.64
647-1000	TRAFFIC SIGNAL INSTALLATION NO 2	LS	54105.24	LS		\$54,105.24
647-1000	TRAFFIC SIGNAL INSTALLATION NO 3	LS	62949.25	LS		\$62,949.25
647-1000	TRAFFIC SIGNAL INSTALLATION NO 4	LS	7778.40	LS		\$7,778.40
647-2140	PULL BOX, PB-4	EA	945.84		4	\$3,783.36
647-2150	PULL BOX, PB-5	EA	1253.34		4	\$5,013.36
682-6120	CONDUIT, RIGID, 2 IN	LF	6.23		1925	\$12,000.00
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	2.84		2465	\$7,000.00
	OUTSIDE PLANT FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 24					
935-1113	FIBER	LF	1.53		3600	\$5,508.00
935-1511	OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SINGLE MODE, 6 FIBER	LF	2.62		400	\$1,048.00
935-3103	FIBER OPTIC CLOSURE, UNDERGROUND, 24 FIBER	EA	665.22		5	\$3,326.10
935-4010	FIBER OPTIC SPLICE, FUSION	EA	52.91		40	\$2,116.40
935-5050	FIBER OPTIC PATCH CORD, SM	EA	62.95		1	\$62.95
	EXTERNAL TRANSCEIVER, DROP AND REPEAT, 1310 SINGLE MODE,					
935-6562	(SIGNAL JOBS)	EA	1477.89		5	\$7,389.45
				Section SUB	TOTAL	\$316,677.15
				TOTAL Project Cost		\$7,552,652.61
				20% Contingency		\$1,510,530.52
				Grand Total		\$9,063,183.13

## NOTICE OF LOCATION AND DESIGN APPROVAL

### PROJECT STP-7001(9), RICHMOND COUNTY, GEORGIA P.I. NO.: 250510

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 and Design Approval: JUNE 7, 2005

The proposed project widens and reconstructs Wrightsboro Road from Jimmie Dyess Parkway to Interstate 520. The project is located entirely within Richmond County, Congressional District 12.

The proposed typical section consists of two 12-foot travel lanes and a 4-foot bicycle lane in both directions separated by a 20-foot raised median, and 12-foot urban shoulders including a 5-foot sidewalk and 2-foot grass strip. Intersection improvements are proposed throughout the project length, including a new traffic signal at the intersection with Belair Road.

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

Thomas Parker, *Area Engineer*  
thom.parker@dot.state.ga.us  
805 George Luther Drive  
Decatur, Georgia 30032  
(404) 299-4386 / 4389

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

James B. Buchan, P.E., *State Urban Design Engineer*  
Office of Urban Design  
ben.buchan@dot.state.ga.us  
No. 2 Capitol Square, SW  
Atlanta, Georgia 30334  
(404) 656-5436

Any written request in reference to this Notice should include Project and P.I. Numbers as noted at the top of this notice.