

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P.I. No. 721770-, Douglas-Fulton Counties **OFFICE** Preconstruction  
STP-186-1(22)  
SR 166 Widening from Old Lower River Road to  
SR 70 **DATE** November 20, 2006

**FROM**  Genetha Rice-Singleton, 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.

GRS/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keeper  
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Joe Palladi (file copy)  
Babs Abubakari  
Ben Buchan  
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BOARD MEMBER

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## INTERDEPARTMENT CORRESPONDENCE

FILE STP-186-1(22) Douglas/Fulton Counties OFFICE Consultant Design  
SR 166 Widening from  
Old Lower River Road/Douglas to SR 70/Fulton  
P.I. Number 721770 DATE November 7, 2006  
*M. Bah Abubakari*

FROM Mohammed (Babs) Abubakari, P. E., State Consultant Design Engineer

TO Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT **Request for Location and Design Approval**

**Description and Project Proposal:** Project STP-186-1(22) consists of the widening and improvements to State Route 166 from Old Lower River Road in Douglas County to State Route 70 in Fulton. The proposed improvement will widen State Route 166 from two through lanes to four through lanes (two lanes in each direction) with a 24-foot raised median and 10-foot outside shoulders. The existing bridge over the Chattahoochee River will be widened. In addition, the existing signal at State Route 70 will be upgraded. The approximate net project length is 3.36 miles.

**Concept Approval Date:** September 9, 1993 – original concept approved  
September 26, 2005 – revised concept approved to change typical section to use a 24-foot median and to widen the bridge over the Chattahoochee River.

**Concept Update:** None

**Environmental Assessment and Reassessment Approval Date:** Categorical Exclusion approved on June 10, 1997. A re-evaluation was approved on November 4, 2004. A new re-evaluation is currently underway.

**Public Involvement:** A Public Hearing was held for project STP-186-1(22) on June 19, 1997, from 4:00 p.m. to 7:00 p.m. The public hearing was held at the Mt. Carmel Elementary School in Douglasville, Georgia and was attended by 33 citizens. From those attending the hearing, 6 comment forms, 1 letter and 1 verbal statement were received. Two additional comments were received during the ten day period following the hearing, for a total of 10 comments. Of those commenting, 5 gave general support, 3 were opposed, and 2 were uncommitted and/or conditional.

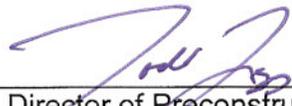
Major concerns expressed at the hearing were:

- Access to and from the Amber Creek subdivision
- Desire to install lighting along the project
- Air and noise pollution
- Loss of trees

No officials attended the meeting.

**Consistency with Approved Planning:** The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

**Recommendations:** We recommend that this project location and design report be approved, and that the attached "Notice" be approved for advertising.

**RECOMMEND:**   
Director of Preconstruction

**APPROVE:**  11/16/00  
Chief Engineer Date of Approval

<sup>JDW</sup>  
MBA:JDW  
Attachments: Location Sketch, Cost Estimate, Notice of Location and Design Approval

# NOTICE OF LOCATION AND DESIGN APPROVAL

**PROJECT STP-186-1(22)  
DOUGLAS/FULTON COUNTIES  
P. I. NUMBER 721770**

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.

The date of location approval is NOVEMBER 20, 2006

Project number STP-186-1(22) will consist of widening and improvements to State Route 166 from Old Lower River Road in Douglas County to State Route 70 in Fulton County.

This project lies entirely within the Land District 1, Land Lots 148, 147, 157, 158, and 159 in Douglas County, and Land District 9, Land Lots 58, 59, 60, and 53, and Land District 14F, Land Lots 148 and 149 in Fulton County.

The project will widen State Route 166 to four lanes (two lanes in each direction) separated by a 24-foot raised median with 10-foot outside shoulders. The project begins approximately 945 feet west of the intersection with Chattahoochee Drive and ends approximately 3700 feet east of the intersection with State Route 70. The project will also widen the existing bridge over the Chattahoochee River. In addition, the existing signal at the intersection of State Route 70 will be upgraded. The approximate net project length is 3.36 miles.

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:

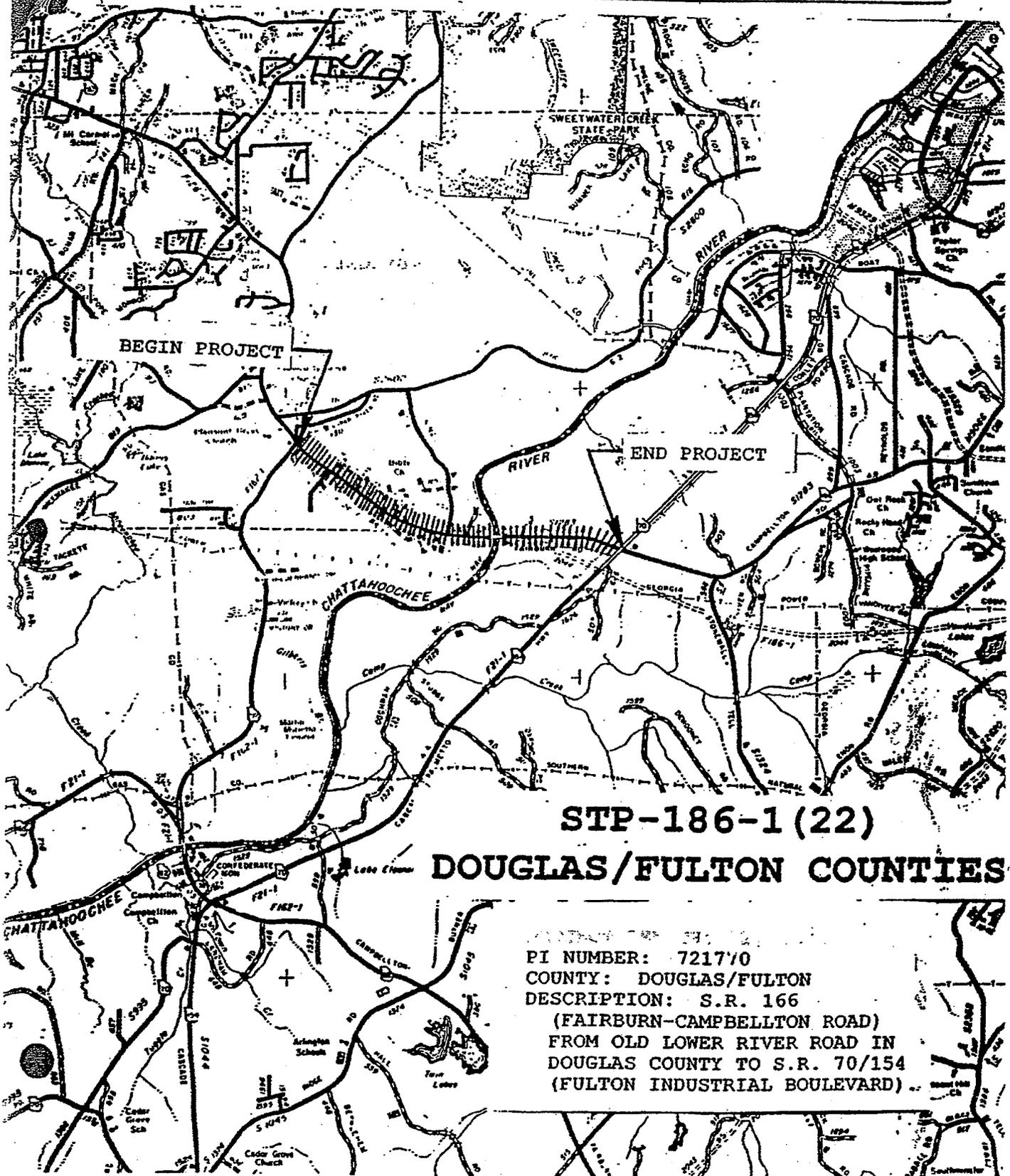
Michael Lankford, Area Engineer  
[Michael.Lankford@dot.state.ga.us](mailto:Michael.Lankford@dot.state.ga.us)  
Georgia Department of Transportation  
940 Virginia Avenue  
Hapeville, Georgia 30354  
(404)559-6655

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:

Mohammed (Babs) Abubakari, P. E., State Consultant Design and Program Delivery Engineer  
[Babs.Abubakari@dot.state.ga.us](mailto:Babs.Abubakari@dot.state.ga.us)  
Georgia Department of Transportation  
No. 2 Capitol Square, S.W.  
Atlanta, Georgia 30334  
(404)463-6133

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

PROJECT MAP - Project No. : STP-186-1(22)



**STP-186-1(22)**  
**DOUGLAS/FULTON COUNTIES**

PI NUMBER: 721770  
COUNTY: DOUGLAS/FULTON  
DESCRIPTION: S.R. 166  
(FAIRBURN-CAMPBELLTON ROAD)  
FROM OLD LOWER RIVER ROAD IN  
DOUGLAS COUNTY TO S.R. 70/154  
(FULTON INDUSTRIAL BOULEVARD)

## Estimate Report for file "721770"

Section Roadway Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	150000.00	TRAFFIC CONTROL -	150000.00
153-1300	1	EA	60000.00	FIELD ENGINEERS OFFICE TP 3	60000.00
201-1500	1	LS	360000.00	CLEARING & GRUBBING -	360000.00
205-0001	281000	CY	7.00	UNCLASS EXCAV	1967000.00
310-1101	57000	TN	15.68	GR AGGR BASE CRS, INCL MATL	893760.00
318-3000	1000	TN	17.05	AGGR SURF CRS	17050.00
402-1812	150	TN	90.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	13500.00
402-3112	9600	TN	75.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	720000.00
402-3121	36500	TN	75.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	2737500.00
402-3130	7500	TN	75.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	562500.00
413-1000	12500	GL	2.50	BITUM TACK COAT	31250.00
433-1000	550	SY	138.56	REINF CONC APPROACH SLAB	76208.00
441-0104	2500	SY	27.89	CONC SIDEWALK, 4 IN	69725.00
441-0204	1000	SY	29.12	PLAIN CONC DITCH PAVING, 4 IN	29120.00
441-0740	2600	SY	28.30	CONCRETE MEDIAN, 4 IN	73580.00
441-4020	500	SY	32.70	CONC VALLEY GUTTER, 6 IN	16350.00
441-6222	1600	LF	13.78	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	22048.00
441-6740	32000	LF	12.35	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	395200.00
446-1100	7500	LF	5.64	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	42300.00
500-9999	50	CY	173.99	CLASS B CONC, BASE OR PVMT WIDENING	8699.50
634-1200	285	EA	91.91	RIGHT OF WAY MARKERS	26194.35
641-1100	100	LF	31.55	GUARDRAIL, TP T	3155.00
641-1200	5800	LF	14.50	GUARDRAIL, TP W	84100.00
641-5001	10	EA	502.13	GUARDRAIL ANCHORAGE, TP 1	5021.30
641-5012	10	EA	1596.80	GUARDRAIL ANCHORAGE, TP 12	15968.00
<b>Section Sub Total:</b>					<b>\$8,380,229.15</b>

Section Drainage Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	5000	CY	40.90	FOUND BKFILL MATL, TP II	204500.00
500-3101	145	CY	479.07	CLASS A CONCRETE	69465.15
511-1000	12600	LB	0.75	BAR REINF STEEL	9450.00
550-1180	8000	LF	33.94	STORM DRAIN PIPE, 18 IN, H 1-10	271520.00
550-1240	2500	LF	41.08	STORM DRAIN PIPE, 24 IN, H 1-10	102700.00
550-2180	3600	LF	25.03	SIDE DRAIN PIPE, 18 IN, H 1-10	90108.00
550-3318	240	EA	699.80	SAFETY END SECTION 18 IN, STORM DRAIN, 4:1 SLOPE	167952.00
550-4218	20	EA	506.97	FLARED END SECTION 18 IN, STORM DRAIN	10139.40
550-4224	35	EA	567.58	FLARED END SECTION 24 IN, STORM DRAIN	19865.30
603-2018	1000	SY	40.54	STN DUMPED RIP RAP, TP 1, 18 IN	40540.00
603-7000	1000	SY	4.07	PLASTIC FILTER FABRIC	4070.00
668-1100	55	EA	1839.55	CATCH BASIN, GP 1	101175.25
<b>Section Sub Total:</b>					<b>\$1,091,485.10</b>

Section Signing and Marking Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	1000	SF	14.03	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	14030.00
636-2070	1200	LF	7.14	GALV STEEL POSTS, TP 7	8568.00
639-3004	4	EA	9142.98	STEEL STRAIN POLE, TP IV	36571.92
647-1000	1	LS	50000.00	TRAFFIC SIGNAL INSTALLATION NO -	50000.00
653-0120	92	EA	62.17	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	5719.64
653-0170	26	EA	77.97	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	2027.22
653-1501	65000	LF	0.29	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	18850.00

653-1502	15000	LF	0.28	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	4200.00
653-1704	150	LF	3.51	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	526.50
653-1804	300	LF	1.71	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	513.00
653-3501	32000	GLF	0.18	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	5760.00
653-6004	1500	SY	2.56	THERMOPLASTIC TRAF STRIPING, WHITE	3840.00
653-6006	200	SY	2.76	THERMOPLASTIC TRAF STRIPING, YELLOW	552.00
654-1003	400	EA	3.80	RAISED PVMT MARKERS TP 3	1520.00
657-1054	800	LF	3.53	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	2824.00
657-3054	400	GLF	2.68	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	1072.00
<b>Section Sub Total:</b>					<b>\$156,574.28</b>

<b>Section Bridge Items</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
999-0001	1	Lump Sum	3369600.00	Bridge No. 1 over Chattahoochee River	3369600.00
<b>Section Sub Total:</b>					<b>\$3,369,600.00</b>

<b>Section Erosion Control Items - Permanent</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	75	AC	800.65	PERMANENT GRASSING	60048.75
700-7000	75	TN	58.99	AGRICULTURAL LIME	4424.25
700-7010	250	GL	18.91	LIQUID LIME	4727.50
700-8000	25	TN	271.66	FERTILIZER MIXED GRADE	6791.50
700-8100	3750	LB	1.60	FERTILIZER NITROGEN CONTENT	6000.00
710-9000	1000	SY	4.41	PERMANENT SOIL REINFORCING MAT	4410.00
<b>Section Sub Total:</b>					<b>\$86,402.00</b>

<b>Section Erosion Control Items - Temporary</b>					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	50	AC	475.27	TEMPORARY GRASSING	23763.50
163-0240	300	TN	195.35	MULCH	58605.00
163-0300	6	EA	1783.62	CONSTRUCTION EXIT	10701.72
163-0503	32	EA	500.30	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	16009.60
163-0530	8000	LF	2.86	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	22880.00
163-0531	3	EA	7746.41	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	23239.23
165-0010	1600	LF	1.06	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	1696.00
165-0030	6500	LF	1.22	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	7930.00
165-0060	3	EA	1053.32	MAINTENANCE OF TEMPORARY SEDIMENT BASIN, STA NO -	3159.96
165-0070	4000	LF	1.76	MAINTENANCE OF BALED STRAW EROSION CHECK	7040.00
165-0087	16	EA	182.56	MAINTENANCE OF SILT CONTROL GATE, TP 3	2920.96
165-0101	6	EA	459.81	MAINTENANCE OF CONSTRUCTION EXIT	2758.86
167-1000	2	EA	1698.00	WATER QUALITY MONITORING AND SAMPLING	3396.00
167-1500	24	MO	874.52	WATER QUALITY INSPECTIONS	20988.48
171-0010	3200	LF	1.88	TEMPORARY SILT FENCE, TYPE A	6016.00
171-0030	13000	LF	3.24	TEMPORARY SILT FENCE, TYPE C	42120.00
716-2000	45000	SY	1.06	EROSION CONTROL MATS, SLOPES	47700.00
<b>Section Sub Total:</b>					<b>\$300,925.31</b>

**Total Estimated Cost: \$13,385,215.84**

**Subtotal Construction Cost \$13,385,215.84**

E&C Rate 10.0 %	\$1,338,521.58
Inflation Rate 5 % @ 0 Years	\$0.00
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<b>Total Construction Cost</b>	<b>\$14,723,737.42</b>
Right Of Way	\$13,061,700.00
ReImb. Utilities	\$780,000.00
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<b>Grand Total Project Cost</b>	<b>\$28,565,437.42</b>