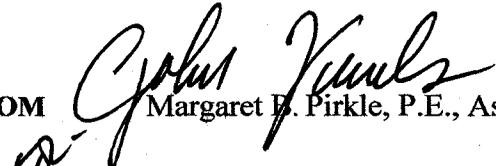


ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 311910-, Bibb County **OFFICE** Preconstruction  
NH-75-1(246)  
I-75 New Interchange at Sardis Church Road **DATE** June 30 2006

**FROM**  Margaret E. 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 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

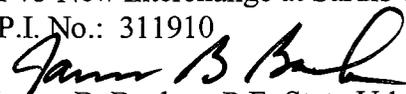
DISTRIBUTION:

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BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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INTERDEPARTMENT CORRESPONDENCE

**FILE** NH-75-1(246), Bibb County  
I-75 New Interchange at Sardis Church Road  
P.I. No.: 311910  
  
**FROM** James B. Buchan, P.E. State Urban Design Engineer

**OFFICE** Urban Design

**DATE** June 30, 2006

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

**SUBJECT** Request for Location and Design Approval

**DESCRIPTION and PROJECT PROPOSAL:**

The proposed project is located in the southeastern part of Bibb County, south of the Hartley Bridge Road interchange. The project begins approximately 1.18 miles south of Sardis Church Road along I-75 and ends approximately 0.45 miles north of Sardis Church Road along I-75. The proposed project will construct a partial cloverleaf AB interchange at I-75 on the south side of Sardis Church Road. The existing bridge over I-75 will be replaced to accommodate the widening of I-75. Sardis Church Road will be widened to a four-lane roadway, two lanes in each direction divided by a 20 ft. raised median. It will also include 12 ft. shoulders with 5 ft. sidewalks and 4 ft. bike lanes on both sides of Sardis Church Road within the project limits. The proposed widening along Sardis Church Road will extend approximately 2400 ft. west of I-75 to approximately 3400 ft. east of I-75. It will connect to proposed local designed project, STP-0000-00(566), that extends Sardis Church Road on new location in an easterly direction to SR 247/ Hawkinsville Road.

**CONCEPT APPROVAL DATE:** Concept approved on July 7, 1998. Revised concepts approved on June 12, 2001 and May 30, 2006.

**CONCEPT UPDATE:** On Sardis Church Road from the end of the bridge to Skipper Road, the typical section has changed to 11 ft. inside travel lanes and 14 ft. shared-use outside travel lanes in each direction in order to minimize impacts to historical resources. The shoulder section has also changed from a 10 ft. rural shoulder as shown in the original concept to a 12 ft. urban shoulder with 5 ft. sidewalks on both sides throughout Sardis Church Road.

**ENVIRONMENTAL ASSESSMENT AND REASSESSMENT APPROVAL DATE:** The EA/FONSI was approved on June 30, 2006.

**PUBLIC INVOLVEMENT:** There have been four public information meetings and one public hearing open house. All of the meetings included information for project NH-75-1(246) and STP-0000-00(566).

**Meeting 1:** This meeting was held on April 29, 1999 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 180 residents in attendance at this first meeting. There were no selected routes chosen for the proposed connector at this meeting. Input was gathered from those in attendance that, in combination with other considerations such as projected traffic volumes, costs, and environmental and property impacts, were used to develop alternates to be presented at Meeting 2. The results of Meeting 1 were as follows:

- Favor some form of the project	65
▪ Favor a route south of the airport	20
▪ Favor a route north of the airport	13
▪ Conditional comments	15
▪ General support of the project	13
▪ Favor interchange at Sardis Church	4
- Do not favor any form of the project	17
- Uncommitted	<u>14</u>
- Total	161

**Meeting 2:** This meeting was held on June 8, 1999 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 197 residents attending this second meeting. As a result of comments and/or concerns expressed at the April 29, 1999 meeting, five alternates were presented in the second meeting. At the time of the meeting all five alignments were being evaluated for environmental, property, and community impacts. Also included was a "No Build Alternate". With a total of five build alternates presented at the June 8, 1999, meeting, Alternate 5 had the greatest singular public support. However, there was considerable support at the June 8, 1999 meeting for Alternates 1, 2, 3, and 4, as well, and there was less opposition stated for these alternates than for Alternate 5. Below is the number of responses received regarding the alternates. Some comments favored and/or opposed more than one alternate.

- Favor Alternate 1 = 7	Oppose Alternate 1 = 5	Conditional Support = 1
- Favor Alternate 2 = 5	Oppose Alternate 2 = 5	Conditional Support = 1
- Favor Alternate 3 = 4	Oppose Alternate 3 = 2	
- Favor Alternate 4 = 4	Oppose Alternate 4 = 1	
- Favor Alternate 5 = 18	Oppose Alternate 5 = 6	
- Favor "No Build" Alternate = 6		
- Favor Intersection at Sardis Church Road = 2		
- Other alternates suggested/conditional comments = 6		
- Uncommitted = 1		
- Total = 74		

**Meeting 3:** This meeting was held on November 9, 1999 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 128 residents attending the third meeting. At this meeting, the preferred alternate alignment for the proposed connector was presented to those in attendance. The majority of those commenting at this meeting did not support the proposed connector; however, 28 percent of those commenting did offer support for the project in general. The following are the results from comments received:

- Support the Project	12
- Do not Support the Project	25
- Other alternate/conditional	2
- Uncommitted/No Comment	<u>10</u>
- Total	49

**Meeting 4:** The fourth meeting was held on February 22, 2001 at the Porter Ellis Community Center in Macon, Georgia from 5:30pm to 7:30pm. The meeting consisted of public viewing of exhibits and direct questions and answers with attending officials, a formal presentation, and another question and answer session with time to make comments. There were approximately 187 residents attending this meeting. The participants were informed that projected traffic for the proposed connector indicates that four lanes should be built, not two lanes as had been discussed earlier for the portion of the project south of Houston Road. They were also informed that an interchange is now being proposed at the intersection with U.S. 129/U.S. 41/S.R. 247 in lieu of an at-grade intersection, and would eliminate the need for cars to cross the railroad tracks located on the west side of U.S. 129/U.S. 41/S.R. 247. The following is a summary of the results:

- Support the Project	4
- Do not Support the Project	16
- Conditional Support	7
- Uncommitted	<u>0</u>
- Total	27

**Public Hearing Open House:**

This open house hearing was held on January 24, 2006 at the Porter Ellis Community Center in Macon, Georgia from 4:00pm to 7:00pm. No formal presentation was given at this open house hearing. The open house consisted of public viewing of exhibits and direct questions and answers with attending officials. There were approximately 490 residents attending this meeting. The participants were shown the preferred alternative and typical sections for the proposed project. The following is a summary of the results of comments received during the open house and the 10-day comment period:

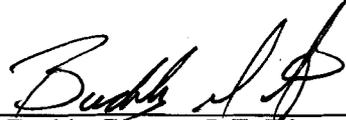
- Support the Project	13
- Do not Support the Project	33
- Conditional Support	18
- Uncommitted	<u>12</u>
- Total	76

**CONSISTENCY WITH APPROVED PLANNING:**

The design description as presented herein and submitted for approval is consistent with the approved Concept Report and the Macon approved TIP.

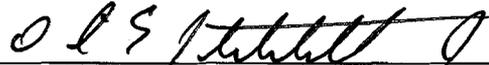
**RECOMMENDATIONS:** The Office of Urban Design recommends that the location and design for this project be approved and that the attached Notice be approved for advertising.

**RECOMMEND:**



Buddy Gratton, P.E., Director of Preconstruction

**APPROVE:**



David E. Studstill, P.E., Chief Engineer

8/7/06

Date of Approval

JBB: JTC <sup>2/2008</sup>

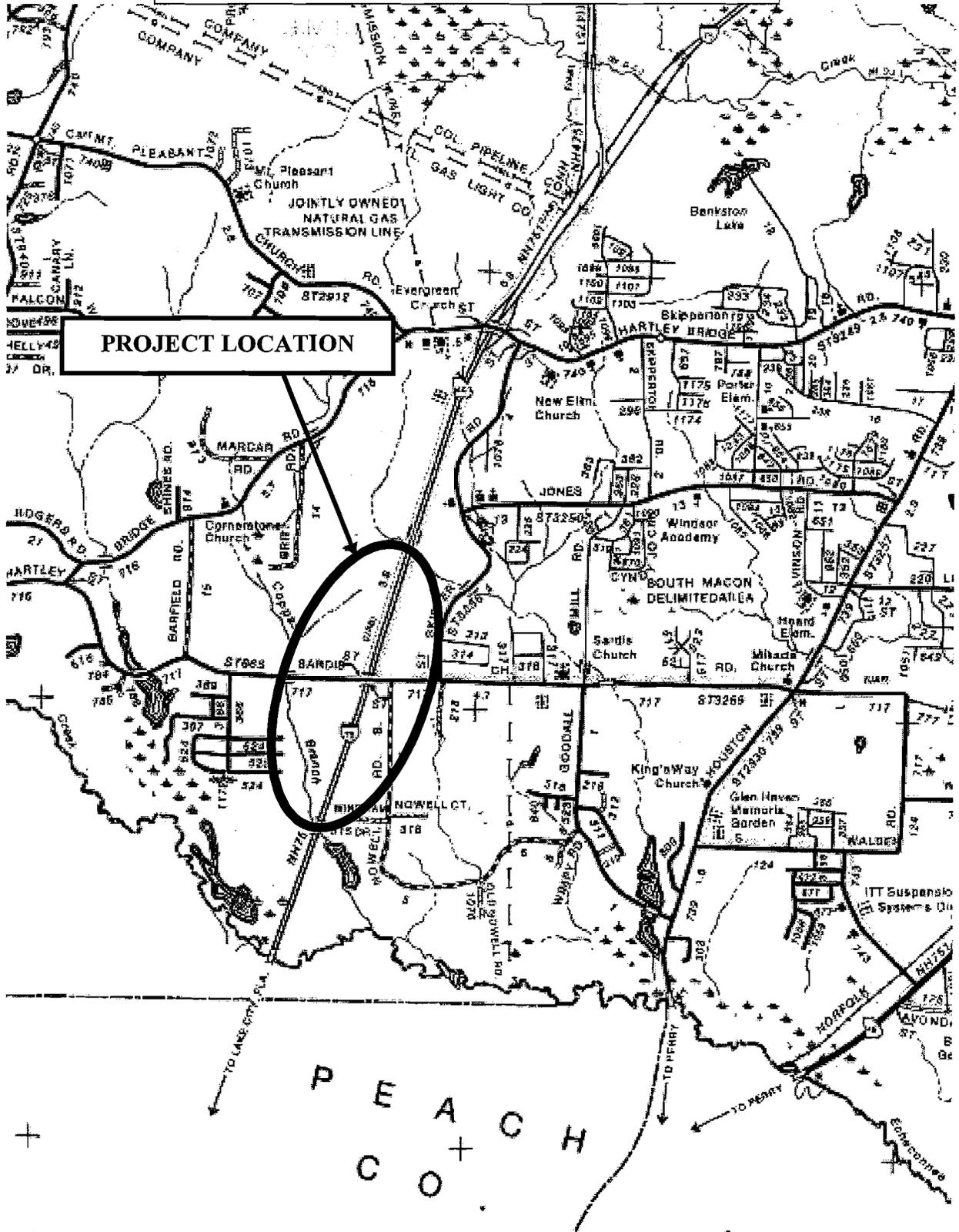
**Attachments:**

Location Sketch

Cost Estimate

Notice of Location and Design

PROJECT NH-75-1(246) Bibb County  
Project Location Sketch  
P. I. No. 311910



**Estimate Report for file "311910."**

<b>Section Roadway Items</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
150-1000	1	LS	500000.00	TRAFFIC CONTROL -	500000.00
153-1300	1	EA	70000.00	FIELD ENGINEERS OFFICE TP 3	70000.00
201-1500	1	LS	1500000.00	CLEARING & GRUBBING -	1500000.00
208-0100	300000	CY	9.34	IN PLACE EMBANKMENT	2802000.00
310-1101	127000	TN	15.31	GR AGGR BASE CRS, INCL MATL	1944370.00
318-3000	1000	TN	16.66	AGGR SURF CRS	16660.00
402-1812	500	TN	80.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	40000.00
402-3112	11500	TN	80.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	920000.00
402-3121	32000	TN	80.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	2560000.00
402-3130	3200	TN	80.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	256000.00
413-1000	10000	GL	2.00	BITUM TACK COAT	20000.00
430-0220	152000	SY	43.98	PLAIN PC CONC PVMT, CL 1 CONC, 12 INCH THK	6684960.00
433-1000	710	SY	149.29	REINF CONC APPROACH SLAB	105995.90
441-0104	7000	SY	25.44	CONC SIDEWALK, 4 IN	178080.00
441-0204	1000	SY	27.93	PLAIN CONC DITCH PAVING, 4 IN	27930.00
441-0740	500	SY	26.66	CONCRETE MEDIAN, 4 IN	13330.00
441-4020	200	SY	29.25	CONC VALLEY GUTTER, 6 IN	5850.00
441-6222	16500	LF	12.99	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	214335.00
441-6740	12000	LF	11.23	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	134760.00
620-0100	3000	LF	45.23	TEMPORARY BARRIER, METHOD NO. 1	135690.00
634-1200	45	EA	89.69	RIGHT OF WAY MARKERS	4036.05
641-1100	1200	LF	31.09	GUARDRAIL, TP T	37308.00
641-1200	2600	LF	13.69	GUARDRAIL, TP W	35594.00
641-2200	8500	LF	19.60	DBL FACED GUARDRAIL, TP W	166600.00
641-5001	10	EA	479.73	GUARDRAIL ANCHORAGE, TP 1	4797.30
641-5012	10	EA	1553.85	GUARDRAIL ANCHORAGE, TP 12	15538.50
999-0000	68000	SY	35.00	CONSTR, MAINT, & RMV MAINLINE DETOUR	2380000.00
<b>Section Sub Total:</b>					<b>\$20,773,834.75</b>

<b>Section Drainage Items</b>					
<b>Item Number</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Item Description</b>	<b>Cost</b>
500-3101	350	CY	465.58	CLASS A CONCRETE	162953.00
511-1000	35000	LB	0.73	BAR REINF STEEL	25550.00
550-1150	250	LF	26.89	STORM DRAIN PIPE, 15 IN, H 1-10	6722.50
550-1180	7500	LF	32.90	STORM DRAIN PIPE, 18 IN, H 1-10	246750.00
550-1240	500	LF	39.78	STORM DRAIN PIPE, 24 IN, H 1-10	19890.00
550-1300	900	LF	49.83	STORM DRAIN PIPE, 30 IN, H 1-10	44847.00
550-1360	300	LF	60.33	STORM DRAIN PIPE, 36 IN, H 1-10	18099.00
550-1480	400	LF	97.51	STORM DRAIN PIPE, 48 IN, H 1-10	39004.00
550-1900	100	LF	92.00	STORM DRAIN PIPE, 90 IN, H 1-10	9200.00
550-3315	10	EA	753.61	SAFETY END SECTION 15 IN, STORM DRAIN, 4:1 SLOPE	7536.10
550-3318	8	EA	691.19	SAFETY END SECTION 18 IN, STORM DRAIN, 4:1 SLOPE	5529.52
550-3324	8	EA	933.84	SAFETY END SECTION 24 IN, STORM DRAIN, 4:1 SLOPE	7470.72
550-3330	10	EA	1394.19	SAFETY END SECTION 30 IN, STORM DRAIN, 4:1 SLOPE	13941.90
550-3336	4	EA	2138.71	SAFETY END SECTION 36 IN, STORM DRAIN, 4:1 SLOPE	8554.84
550-3342	4	EA	2502.26	SAFETY END SECTION 42 IN, STORM DRAIN, 4:1 SLOPE	10009.04
550-4130	12	EA	488.03	FLARED END SECTION 30 IN, SIDE DRAIN	5856.36
550-4136	2	EA	529.84	FLARED END SECTION 36 IN, SIDE DRAIN	1059.68
550-4218	10	EA	482.38	FLARED END SECTION 18 IN, STORM DRAIN	4823.80
550-4224	8	EA	538.00	FLARED END SECTION 24 IN, STORM DRAIN	4304.00
603-2018	300	SY	37.66	STN DUMPED RIP RAP, TP 1, 18 IN	11298.00
603-7000	300	SY	4.03	PLASTIC FILTER FABRIC	1209.00

668-1100	50	EA	1801.48	CATCH BASIN, GP 1	90074.00
<b>Section Sub Total:</b>					<b>\$744,682.46</b>

**Section Signing and Marking Items**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	225	SF	13.61	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	3062.25
636-2070	600	LF	7.02	GALV STEEL POSTS, TP 7	4212.00
639-3004	8	EA	8115.26	STEEL STRAIN POLE, TP IV	64922.08
647-1000	1	LS	57372.00	TRAFFIC SIGNAL INSTALLATION NO - 1	57372.00
647-1000	1	LS	57372.00	TRAFFIC SIGNAL INSTALLATION NO - 2	57372.00
653-0120	25	EA	60.07	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	1501.75
653-0170	2	EA	76.68	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	153.36
653-1501	40000	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	10800.00
653-1502	50000	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	13500.00
653-1704	250	LF	3.37	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	842.50
653-1804	500	LF	1.66	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	830.00
653-3501	85000	GLF	0.17	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	14450.00
653-6004	500	SY	2.54	THERMOPLASTIC TRAF STRIPING, WHITE	1270.00
653-6006	500	SY	2.71	THERMOPLASTIC TRAF STRIPING, YELLOW	1355.00
654-1001	1500	EA	3.53	RAISED PVMT MARKERS TP 1	5295.00
654-1003	500	EA	3.76	RAISED PVMT MARKERS TP 3	1880.00
655-5000	3	EA	221.37	PVMT ARROW, THERMOPLASTIC, WITH RAISED REFLECTORS	664.11
657-1054	600	LF	3.47	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	2082.00
657-3054	900	GLF	2.56	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	2304.00
<b>Section Sub Total:</b>					<b>\$243,868.05</b>

**Section Bridge Items**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1102	1	LS	325000.00	REMOVAL OF EXISTING BR, BR NO -	325000.00
999-0001	1	Lump Sum	3164000.00	BRIDGE #1 SARDIS CHURCH OVER I-75	3164000.00
<b>Section Sub Total:</b>					<b>\$3,489,000.00</b>

**Section Erosion Control Items - Permanent**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	50	AC	804.69	PERMANENT GRASSING	40234.50
700-7000	50	TN	59.04	AGRICULTURAL LIME	2952.00
700-7010	100	GL	19.04	LIQUID LIME	1904.00
700-8000	20	TN	266.98	FERTILIZER MIXED GRADE	5339.60
700-8100	1000	LB	1.56	FERTILIZER NITROGEN CONTENT	1560.00
710-9000	2500	SY	4.39	PERMANENT SOIL REINFORCING MAT	10975.00
<b>Section Sub Total:</b>					<b>\$62,965.10</b>

**Section Erosion Control Items - Temporary**

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	150	AC	483.39	TEMPORARY GRASSING	72508.50
163-0240	50	TN	195.38	MULCH	9769.00
163-0300	6	EA	1254.90	CONSTRUCTION EXIT	7529.40
163-0503	50	EA	490.56	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	24528.00
163-0530	5000	LF	2.71	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	13550.00
				MAINTENANCE OF TEMPORARY SILT FENCE, TP	

165-0010	25000	LF	1.07	A	26750.00
165-0030	12000	LF	1.18	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	14160.00
165-0070	5000	LF	1.48	MAINTENANCE OF BALED STRAW EROSION CHECK	7400.00
165-0087	6	EA	175.14	MAINTENANCE OF SILT CONTROL GATE, TP 3	1050.84
165-0101	6	EA	417.31	MAINTENANCE OF CONSTRUCTION EXIT	2503.86
167-1000	2	EA	1767.98	WATER QUALITY MONITORING AND SAMPLING	3535.96
167-1500	36	MO	838.87	WATER QUALITY INSPECTIONS	30199.32
171-0010	50000	LF	1.86	TEMPORARY SILT FENCE, TYPE A	93000.00
171-0030	50000	LF	3.19	TEMPORARY SILT FENCE, TYPE C	159500.00
716-2000	2500	SY	1.06	EROSION CONTROL MATS, SLOPES	2650.00
<b>Section Sub Total:</b>					<b>\$468,634.88</b>

Section ITS Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
935-0000	1	Lump Sum	2372000.00	ITS SYSTEM - COMPLETE	2372000.00
<b>Section Sub Total:</b>					<b>\$2,372,000.00</b>

**Total Estimated Cost: \$28,154,985.24**

<b>Subtotal Construction Cost</b>	<b>\$28,154,985.24</b>
E&C Rate 10.0 %	\$2,815,498.52
Inflation Rate 0.0 % @ 0.0 Years	\$0.00
<hr/>	
<b>Total Construction Cost</b>	<b>\$30,970,483.76</b>
Right Of Way	\$0.00
ReImb. Utilities	\$0.00
<hr/>	
<b>Grand Total Project Cost</b>	<b>\$30,970,483.76</b>

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**PROJECT NH-75-1(246), BIBB COUNTY, GEORGIA**  
**P.I. NO.: 311910**

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 30, 2006

The proposed project adds a new partial cloverleaf interchange at I-75 and Sardis Church Road on the south side of Sardis Church Road. The project proposes to replace the existing bridge on Sardis Church Road over I-75. The project also widens Sardis Church Road from approximately 2400 feet west of I-75 to approximately 3400 feet east of I-75. The project is located entirely within Bibb County, Congressional District 3, and Land Lots 54, 55, 59, 60, 61, 92, 93, 98 and 99 of the Fourth Land District.

The proposed project begins on I-75 approximately 1.18 miles south of Sardis Church Road and ends approximately 0.45 miles north of Sardis Church Road. The proposed project widens Sardis Church Road to a four-lane roadway with two lanes in each direction divided by a 20 ft. raised median. The project will also bike lanes and urban type shoulders with curb and gutter and sidewalks on both sides.

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

Brink Stokes, *Area Engineer*  
brink.stokes@dot.state.ga.us  
4499 Riverside Drive  
Macon, Georgia 31210  
(478) 757-2601

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  
Phone (404)656-5436

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