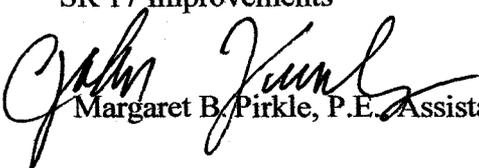


ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 122260-, Stephens County **OFFICE** Preconstruction
EDS-545(37)
SR 17 Improvements **DATE** April 28, 2006

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

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN REPORT

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

This is your authorization for the District to proceed with advertisement

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Michael Henry
Keith Golden
Joe Palladi
Paul Liles
Babs Abubakari
Russell McMurry
BORAD MEMBER

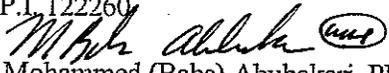
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE EDS-545(37), Stephens County,

OFFICE Consultant Design

P.L. 122260


FROM: Mohammed (Babs) Abubakari, PE, State Consultant Design
and Program Delivery Engineer

DATE April 18, 2006

TO: Margaret B. Pirkle, PE, Assistant Director of Preconstruction

SUBJECT Request for Location and Design Approval

Description and Project Proposal:

Project EDS-545(37), begins just north of CR 24/Scott Road. The roadway will be widened on the east side, to create a four-lane divided roadway with a 44-foot depressed median. The road widening to the east will continue until just north of CR 195/Eastanollee Bypass. The alignment will then shift to the west side of SR 17 to avoid impacting two historical properties and continue to just south of CR 192/Meadowbrook Drive. This alignment will flatten the curve at CR 194/Moore Circle. The alignment will then transition to a rural-divided four-lane roadway with a 20-foot raised median, widening symmetrically about existing SR 17. The typical section then will change to an urban-divided four-lane (20-foot raised median) roadway 1,000 feet south of CR 191/Fieldcrest Road to avoid impacting a historical property on the east side and a church property on the west side. This alignment will flatten the curve at CR 191/Fieldcrest Road and continue to CR 190/Memorial Drive. The project begins at mile log 5.28 and ends at mile log 8.16.

Concept Approval Date: July 5, 1996

Concept Update: January 26, 1999; April 19, 2005; and March 14, 2006

Environmental Assessment and Reassessment Approval Date:

Document approved on July 13, 2000. The most recent re-evaluation was finished on September 16, 2004. The environmental document is currently under review and re-evaluation.

RESULTS OF THE PUBLIC HEARING AND PUBLIC INVOLVEMENT:

• **PUBLIC INFORMATION MEETING:**

This section provides a summary of comments received during the public comment period for the **Public Information Meeting (PIM) held on November 29, 1993** for the proposed widening, reconstruction and relocation of SR 17 from just north of I-85 to CR 190/Memorial Drive in Franklin and Stephens Counties.

EDS-545(37) Stephens Co.
P.I. No. 122260
April 18, 2006

Approval:

Recommended:

Buddy Austin
Director of Preconstruction

Approved:

O. E. [Signature]
Chief Engineer

4/25/06
Date of Approval

Attachments:

Sketch Maps

Cost Estimate

Notice of Location and Design Approval

NOTICE OF LOCATION AND DESIGN APPROVAL

EDS-545(37), STEPHENS COUNTY
P.I. No. 122260

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 Design Approval is

APRIL 28, 2006

Project EDS-545(37), begins just north of CR 24/Scott Road. The roadway will be widened on the east side, to create a four-lane divided roadway with a 44-foot depressed median. The road widening to the east will continue until just north of CR 195/Eastanollee Bypass. The alignment will then shift to the west side of SR 17 to avoid impacting two historical properties and continue to just south of CR 192/Meadowbrook Drive. This alignment will flatten the curve at CR 194/Moore Circle. The alignment will then transition to a rural-divided four-lane roadway with a 20-foot raised median, widening symmetrically about existing SR 17. The typical section then will change to an urban-divided four-lane (20-foot raised median) roadway 1,000 feet south of CR 191/Fieldcrest Road to avoid impacting a historical property on the east side and a church property on the west side. This alignment will flatten the curve at CR 191/Fieldcrest Road and continue to CR 190/Memorial Drive. The project lies within GMD 267 of the Headrights of Stephens County, Georgia.

The proposed construction will begin with two lanes in both directions, a 44-foot depressed grassed median and rural shoulders that will accommodate bicycles. Near Moore Circle, the median will change to a 20-foot raised median with rural shoulders that will accommodate bicycles. Just south of Fieldcrest Road the roadway will be widened in each direction to add bike lanes, curb and gutter, and sidewalk. The existing drainage structure at Eastanollee Creek will be replaced with two parallel bridges. The total project length is 3.134 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:

Robert M. Mabry, Area Engineer
Georgia Department of Transportation
P.O. Box 248
Clarkeville, Georgia 30523
Email: Rob.Mabry@dot.state.ga.us
Telephone: (706) 754-9559

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
Georgia Department of Transportation
No. 2 Capitol Square, S.W.
Atlanta, Georgia 30334
Email: Babs.Abubakari@dot.state.ga.us
Telephone: (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.

COMMENT TOTALS:

A total of 208 people attended the PIM for the subject project held on November 29, 1993 from 4 p.m. until 7 p.m. From those attending, 78 comment forms, one letter and 5 verbal statements were received. An additional 13 comments were received during the 10-day comment period following the hearing, for a total of 99 comments. They are summarized as follows:

<u>No. Opposed</u>	<u>No. In Support</u>	<u>Uncommitted / Conditional</u>
<u>27</u>	<u>60</u>	<u>12</u>

MAJOR CONCERNS:

Most of the comments have expressed concerns regarding the proposed required right-of-way and the impact to their residence. Some farmers were concerned about the impact the roadway would have on their operation. A few comments expressed concerns about the median openings and the ability for trucks to make U-turns.

• **PUBLIC HEARING:**

This section also provides a summary of comments received during the public comment period for the **Public Hearing held on July 27, 1999** for the proposed widening, reconstruction and relocation of SR 17 from just north of I-85 to CR 190/Memorial Drive in Franklin and Stephens Counties.

COMMENT TOTALS:

A total of 305 people attended the public hearing for the subject project held on July 27, 1999 from 4 p.m. until 7 p.m. From those attending, 79 comment forms and 10 verbal statements were received. An additional 52 comments were received during the 10-day comment period following the hearing, for a total of 141 comments. They are summarized as follows:

<u>No. Opposed</u>	<u>No. In Support</u>	<u>Uncommitted / Conditional</u>
<u>16</u>	<u>69</u>	<u>45</u>

MAJOR CONCERNS:

Major concerns expressed by the comments included access to property bisected by the proposed alignment, location of median openings, and safety of children who attend Eastanollee Elementary School.

Consistency with Approved Planning:

The project design description as presented herein and submitted for approval is consistent with the approved concept report.

Recommendations:

Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

CONSTRUCTION COST ESTIMATE

Project: SR 17 ROADWAY IMPROVEMENTS
 Project No.: EDS-545(37)
 County: STEPHENS

Prepared by: 
 Last Modified:

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	COST		
1	RIGHT OF WAY:	LS	LUMP	\$12,609,000.00	\$12,609,000.00		
2	DISPLACEMENTS:	LS	LUMP	\$555,000.00	\$555,000.00		
TOTAL RIGHT OF WAY COST					\$13,164,000.00		
REIMBURSABLE UTILITIES:				LS	LUMP	\$ 60,000.00	\$60,000.00
CONSTRUCTION COSTS							
ROADWAY ITEMS							
150-1000	TRAFFIC CONTROL (PROJECT NO. EDS 545(37))	LS	LUMP	\$150,000.00	\$150,000.00		
201-1500	CLEARING & GRUBBING	LS	LUMP	\$570,000.00	\$570,000.00		
205-0001	UNCLASSIFIED EXCAVATION	CY	383906	\$3.00	\$1,151,718.00		
207-0203	FOUND BK FILL MATL, TP II	CY	1000	\$45.00	\$45,000.00		
310-1101	GR AGGR BASE NCL MATL	TN	146200	\$18.00	\$2,485,400.00		
318-3000	AGGR SURFACE CRS	TN	1000	\$18.00	\$18,000.00		
402-1812	REC ASPH CONC LEVELING, INCLUDE BIT MATL & H LIME	TN	300	\$70.00	\$21,000.00		
402-3110	REC ASPH CONC 9.5mm SUPERPAVE, GP 1 OR 2, INCLUDE BIT MATL & H LIME	TN	3600	\$55.00	\$198,000.00		
402-3113	REC ASPH CONC 12.5mm SUPERPAVE, GP 1 & GP2, INCL BIT MATL & H LIME	TN	2000	\$55.00	\$110,000.00		
402-3121	REC ASPH CONC 25mm SUPERPAVE, GP 1 OR 2, INCLUDE BIT MATL & H LIME	TN	47200	\$55.00	\$2,596,000.00		
402-3190	REC ASPH CONC 19mm SUPERPAVE, GP 1 OR 2, INCLUDE BIT MATL & H LIME	TN	28700	\$55.00	\$1,468,500.00		
402-4510	REC ASPH CONC 12.5mm SUPERPAVE, GP2 ONLY, INCL POLYMER-MODIFIED BIT MATL	TN	12600	\$65.00	\$819,000.00		
413-1000	BITUM TACK COAT	GL	29400	\$2.00	\$58,800.00		
433-1000	REINF CONC APPROACH SLAB	SY	930	\$140.00	\$130,200.00		
441-0014	DRIVEWAY CONCRETE, 4 IN TK	SY	100	\$30.00	\$3,000.00		
441-0050	CONC SLOPE DRAIN	SY		\$25.00			
441-0104	CONC SIDEWALK, 4 IN	SY	4800	\$28.00	\$134,400.00		
441-0303	CONC SPILLWAY, TP 3	SY	1	\$1,630.00	\$1,630.00		
441-0740	CONCRETE MEDIAN, 4 IN	SY	2000	\$35.00	\$70,000.00		
441-4030	CONC VALLEY GUTTER, 8 IN	SY	1100	\$40.00	\$44,000.00		
441-6222	CONC CURB & GUTTER, 8" X 30", TYPE 2	LF	9600	\$18.00	\$172,800.00		
441-6740	CONC CURB & GUTTER, 8" X 30", TYPE 7	LF	9500	\$15.00	\$142,500.00		
446-1002	PVMT REINF FABRIC STRIPS, TP 2, INCL BITUM BINDER	LF	500	\$4.00	\$2,000.00		
449000	BRIDGE OVER EASTANOLLEE CREEK	SF	18260	\$68.00	\$1,241,680.00		
500-3120	CLASS A CONCRETE, TYPE P3, RETAINING WALL	LF	201	\$625.00	\$125,625.00		
500-3101	CLASS A CONCRETE	CY	1515	\$520.00	\$787,925.32		
500-3800	CLASS A CONCRETE, INCL REINF STEEL	CY	35	\$700.00	\$24,500.00		
511-1000	BAR REINF STEEL	LB	165001	\$1.00	\$165,000.50		
641-1100	GUARDRAIL, TP T	LF	153	\$35.00	\$5,355.00		
641-1200	GUARDRAIL, TP W	LF	5861	\$20.00	\$117,229.80		
641-2100	DBL FACED GUARDRAIL, TP W	LF	494	\$40.00	\$12,350.00		
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	21	\$550.00	\$11,550.00		
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	10	\$1,760.00	\$17,600.00		
641-6000	GUARDRAIL ANCHORAGE TP 10D, SPCL DES	EA	2	\$3,250.00	\$6,500.00		
643-4000	WOVEN WIRE FENCE	LF	1250	\$580.00	\$725,000.00		
643-8040	GATE, WOVEN WIRE	EA	2	\$400.00	\$800.00		
643-8200	BARRIER FENCE (ORANGE) 4 FT	LF	1000	\$1.50	\$1,500.00		
DRAINAGE ITEMS							
550-1180	STORM DRAIN PIPE, 18 IN., H 1-10	LF	11900	\$30.00	\$357,000.00		
550-1240	STORM DRAIN PIPE, 24 IN., H 1-10	LF	2500	\$35.00	\$87,500.00		
550-1300	STORM DRAIN PIPE, 30 IN., H 1-10	LF	1400	\$46.00	\$64,400.00		
550-1360	STORM DRAIN PIPE, 36 IN., H 1-10	LF	290	\$50.00	\$14,500.00		
550-1420	STORM DRAIN PIPE, 42 IN., H 1-10	LF	450	\$81.00	\$36,450.00		
550-1480	STORM DRAIN PIPE, 48 IN., H 1-10	LF	61	\$82.00	\$4,182.00		
550-1540	STORM DRAIN PIPE, 54 IN., H 1-10	LF	110	\$83.00	\$9,130.00		
550-3418	SAFETY END SECTION 18 IN, SIDE DRAIN, 4:1 SLOPE	EA	9	\$550.00	\$4,950.00		
550-3424	SAFETY END SECTION 24 IN, SIDE DRAIN, 4:1 SLOPE	EA	10	\$790.00	\$7,900.00		
550-3430	SAFETY END SECTION 30 IN, SIDE DRAIN, 4:1 SLOPE	EA	12	\$1,700.00	\$20,400.00		
550-3436	SAFETY END SECTION 36 IN, SIDE DRAIN, 4:1 SLOPE	EA	2	\$2,080.00	\$4,120.00		

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	COST
550-3442	SAFETY END SECTION 42 IN, SIDE DRAIN, 4:1 SLOPE	EA	3	\$2,800.00	\$8,400.00
550-3518	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	EA	9	\$630.00	\$5,670.00
550-3524	SAFETY END SECTION 24 IN, SIDE DRAIN, 6:1 SLOPE	EA	10	\$950.00	\$9,500.00
550-3530	SAFETY END SECTION 30 IN, SIDE DRAIN, 6:1 SLOPE	EA	12	\$2,000.00	\$24,000.00
550-3536	SAFETY END SECTION 36 IN, SIDE DRAIN, 6:1 SLOPE	EA	2	\$1,940.00	\$3,880.00
550-3542	SAFETY END SECTION 42 IN, SIDE DRAIN, 6:1 SLOPE	EA	3	\$2,880.00	\$8,640.00
550-4218	FLARED END SECTION 18 IN, STORM DRAIN	EA	9	\$450.00	\$4,050.00
550-4224	FLARED END SECTION 24 IN, STORM DRAIN	EA	8	\$550.00	\$4,400.00
550-4230	FLARED END SECTION 30 IN, STORM DRAIN	EA	6	\$520.00	\$3,276.00
550-4236	FLARED END SECTION 36 IN, STORM DRAIN	EA	3	\$950.00	\$2,850.00
573-2006	UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	LF	650	\$15.00	\$9,750.00
603-2030	STN DUMPED RIP RAP, TP1, 30 IN	SY	295	\$50.00	\$14,750.00
603-2180	STN DUMPED RIP RAP, TP3, 12 IN	SY	200	\$35.00	\$7,000.00
603-2181	STN DUMPED RIP RAP, TP3, 18 IN	SY	120	\$40.00	\$4,800.00
603-2182	STN DUMPED RIP RAP, TP3, 24 IN	SY	83	\$45.00	\$3,735.00
603-2184	STN DUMPED RIP RAP, TP3, 30 IN	SY	200	\$50.00	\$10,000.00
603-2186	STN DUMPED RIP RAP, TP3, 36 IN	SY	210	\$53.00	\$11,130.00
603-7000	PLASTIC FILTER FABRIC	SY	2933	\$5.00	\$14,666.67
622-1033	PRECAST CONCRETE MEDIAN BARRIER, METHOD 3	LF	6250	\$40.00	\$250,000.00
634-1200	RIGHT OF WAY MARKER	EA	300	\$105.00	\$31,500.00
668-1100	CATCH BASIN, GP 1	EA	40	\$1,700.00	\$68,000.00
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	36	\$190.00	\$6,840.00
668-2100	DROP INLET, GP 1	EA	31	\$2,300.00	\$71,300.00
668-2110	DROP INLET, GP 1, ADDL DEPTH	LF	46	\$200.00	\$9,200.00
668-2200	DROP INLET, GP 2	EA	46	\$2,100.00	\$420.00
668-2210	DROP INLET, GP 2, ADDL DEPTH	LF	3	\$200.00	\$600.00
668-4300	STORM SEWER MANHOLE, TP 1	EA	2	\$1,900.00	\$3,800.00
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	9	\$210.00	\$1,890.00
668-5000	JUNCTION BOX	EA	1	\$1,700.00	\$1,700.00
668-7000	DRIVEWAY GRATE INLET, SPECIAL DESIGN, 30 IN.	EA	2	\$7,000.00	\$14,000.00
668-8011	SAFETY GRATE, TP 1	SF	78	\$65.00	\$5,070.00
	EROSION CONTROL				
163-0232	TEMPORARY GRASSING	AC	25	\$700.00	\$17,500.00
163-0240	MULCH	TN	1168	\$330.00	\$385,440.00
163-0300	CONSTRUCTION EXIT	EA	7	\$1,500.00	\$10,500.00
163-0503	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP3	EA	50	\$600.00	\$30,000.00
163-0521	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	EA	670	\$200.00	\$134,000.00
163-0531	CONSTRUCT AND REMOVE TEMPORARY SEDIMENT BASIN TP 1	EA	2	\$10,000.00	\$20,000.00
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	170	\$250.00	\$42,500.00
165-0010	MAINTENANCE OF TEMPORARY SILT FENCE - TYPE A	LF	12900	\$2.00	\$25,800.00
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE - TYPE C	LF	5000	\$2.00	\$10,000.00
165-0040	MAINTENANCE OF EROSION CONTROL CHECKDAMS / DITCH CHECKS	LF	670	\$100.00	\$67,000.00
165-0060	MAINTENANCE OF TEMPORARY SEDIMENT BASIN	EA	2	\$1,000.00	\$2,000.00
165-0087	MAINTENANCE OF SILT CONTROL GATE, TP 3	EA	50	\$200.00	\$10,000.00
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	7	\$575.00	\$4,025.00
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	170	\$125.00	\$21,250.00
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	2	\$1,600.00	\$3,200.00
167-1500	WATER QUALITY INSPECTIONS	MO	24	\$900.00	\$21,600.00
171-0010	TEMPORARY SILT FENCE, TYPE A	LF	25700	\$3.00	\$77,100.00
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	9900	\$3.00	\$29,700.00
700-6910	PERMANENT GRASSING	AC	50	\$1,300.00	\$65,000.00
700-7000	AGRICULTURAL LIME	TN	99	\$150.00	\$14,850.00
700-7010	LIQUID LIME	GL	124	\$25.00	\$3,100.00
700-8000	FERTILIZER MIXED GRADE	TN	50	\$325.00	\$16,250.00
700-8100	FERTILIZER NITROGEN CONTENT	LB	2471	\$1.85	\$4,571.35
715-220	BITUMINOUS TREATED ROVING, WATERWAYS	SY	23100	\$3.00	\$69,300.00
716-2000	EROSION CONTROL MATS, SLOPES	SY	112400	\$1.50	\$168,600.00
	SIGNING AND MARKING				
636-1020	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	SF	882	\$18.00	\$15,876.00
636-1031	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 6	SF	1419	\$28.00	\$39,732.00
636-1032	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 6	SF	38	\$30.00	\$1,140.00
636-2070	GALV STEEL POSTS, TP 7	LF	3456	\$8.50	\$29,376.00

ITEM NO.	ITEM	UNIT	QUANTITY	UNIT PRICE	COST
639-2002	STEEL WIRE STRAND CABLE, 3/8 IN	EA	350	\$2.50	\$875.00
639-3004	STEEL STRAIN POLE, TP IV	EA	2	\$8,625.00	\$17,250.00
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	120	\$70.00	\$8,400.00
653-0170	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	EA	44	\$85.00	\$3,740.00
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	50250	\$1.60	\$80,400.00
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	33500	\$0.40	\$13,400.00
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	420	\$4.00	\$1,680.00
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	2800	\$1.70	\$4,760.00
653-4501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	LF	41875	\$0.30	\$12,562.50
653-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SY	15813	\$2.80	\$44,276.40
653-6006	THERMOPLASTIC TRAF STRIPING, YELLOW	SY	429	\$3.30	\$1,415.70
654-1001	RAISED PVMT MARKERS TP 1	EA	1798	\$4.20	\$7,551.60
	RAISED PVMT MARKERS TP 3	EA	1000	\$4.00	\$4,000.00
	RAISED PVMT MARKERS TP 10	EA	56	\$30.50	\$1,708.00
	PREFORMED PLASTIC SOILD PVMT MKG, 5 IN, WHITE, TP PB	LF	1350	\$4.15	\$5,602.50
	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	GLF	450	\$2.60	\$1,170.00
657-6054	PREFORMED PLASTIC SOILD PVMT MKG, 5 IN, YELLOW, TP PB	LF	450	\$4.15	\$1,867.50

Subtotal Construction Cost \$ 16,409,982.84
Inflation Rate 5%/Year for 2 Years \$ 1,682,023.24
E&C Rate 10% \$ 1,640,998.28
Total Construction Cost \$ 19,733,004.36

EDS-545(37) Total Project Cost \$ 32,957,004.36