

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 621760-, Bartow County **OFFICE** Preconstruction
BRF-179-1(12)
SR 113 Widening and Reconstruction **DATE** March 13, 2007

FROM *John Kinals*
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

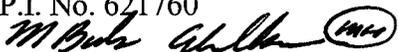
Attachment

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**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: BRF-179-1(12) Bartow County
P.I. No. 621760

FROM: Mohammed (Babs) Abubakari, P.E.
State Consultant Design and Program Delivery Engineer

OFFICE: Atlanta, Georgia
DATE: March 1, 2007

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: Request for Location and Design Approval

Description and Project Proposal: The proposed project would widen and reconstruct the existing SR 113 2-lane roadway to a 4-lane facility from just east of CR 25 to Richland Creek and would construct parallel bridges over Richland Creek. The project is approximately 0.6 miles in length, beginning at approximately mile log 6.4 and ending at approximately mile log 7.0. The project is located in Bartow County beginning approximately 2.2 miles east of Stilesboro and ending approximately 1.0 miles southwest of the City limits of Cartersville at SR 61.

The proposed typical section is a rural 4-lane roadway section divided by a 44' depressed grass median with 12' lanes and 10' outside shoulders of which 6.5' will be paved and designated as a bike route. Right turn lanes will be provided at all side roads. The proposed bridges over Richland Creek will be 134' in length and will each have two 12' lanes, a 4' inside shoulder and 10' outside shoulder. Bioretention basins will also be constructed on the north and south side of SR 113 west of the bridges as recommended by the USFWS.

Concept Approval Date: May 7, 1991

Concept Update: Revised – August 16, 2006

Environmental Assessment and Reassessment Approval Date: June 30, 2003

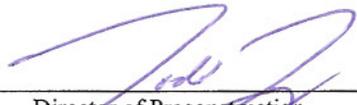
Public Involvement:

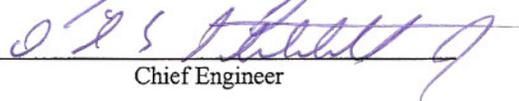
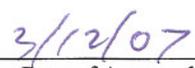
• Hearing Results:

- A location and design public hearing was held for the proposed project on June 26, 1991 from 4:00 p.m. to 7:00 p.m. at the Civic Center in Rockmart, Georgia. The major concerns summarized from the comments include:
 1. Project need is not justified.
 2. Many property related concerns, i.e. having to relocate, project taking too much right-of-way, restricted access, etc.
 3. Most of the comments from the Stilesboro area requested the new location section be changed to follow the existing alignment (a total of 14 requests).
 4. A petition containing 16 signatures was received from residents along SR 113 between Richland Creek and SR 61 opposing the widening of SR 113 from Richland Creek to SR 61.
- In summary, there were 68 opposing comments including 1 petition containing 16 signatures, 61 comments in general support of the project, 2 comments uncommitted and 19 conditional comments.
- A total of 150 comments were received.
- The total number of attendees including public officials was 272 people.
- There have been no changes made to the design as a result of the comments received.

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

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

RECOMMEND: 
Director of Preconstruction

APPROVE:  
Chief Engineer Date of Approval

Attachments:

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

NOTICE OF LOCATION AND DESIGN APPROVAL

BRF-179-1(12) Bartow County P.I. No. 621760

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 this project.

The date of location approval is MARCH 13, 2007.

This project is the reconstruction and widening of SR 113 from CR 25 to Richland Creek. It is located in southern Bartow County and entirely within Land District No. 4.

The proposed project would reconstruct and widen the existing SR 113 2-lane roadway to a 4-lane facility from just east of CR 25 to Richland Creek and would construct parallel bridges over Richland Creek. The project is approximately 0.6 miles in length, beginning at approximately mile log 6.4 and ending at approximately mile log 7.0.

The proposed typical section is a rural 4-lane roadway section divided by a 44' depressed grass median with 12' lanes and 10' outside shoulders of which 6.5' will be paved and designated as a bike route. Right turn lanes will be provided at all side roads. The proposed bridges over Richland Creek will be 134' in length and will each have two 12' lanes, a 4' inside shoulder and 10' outside shoulder.

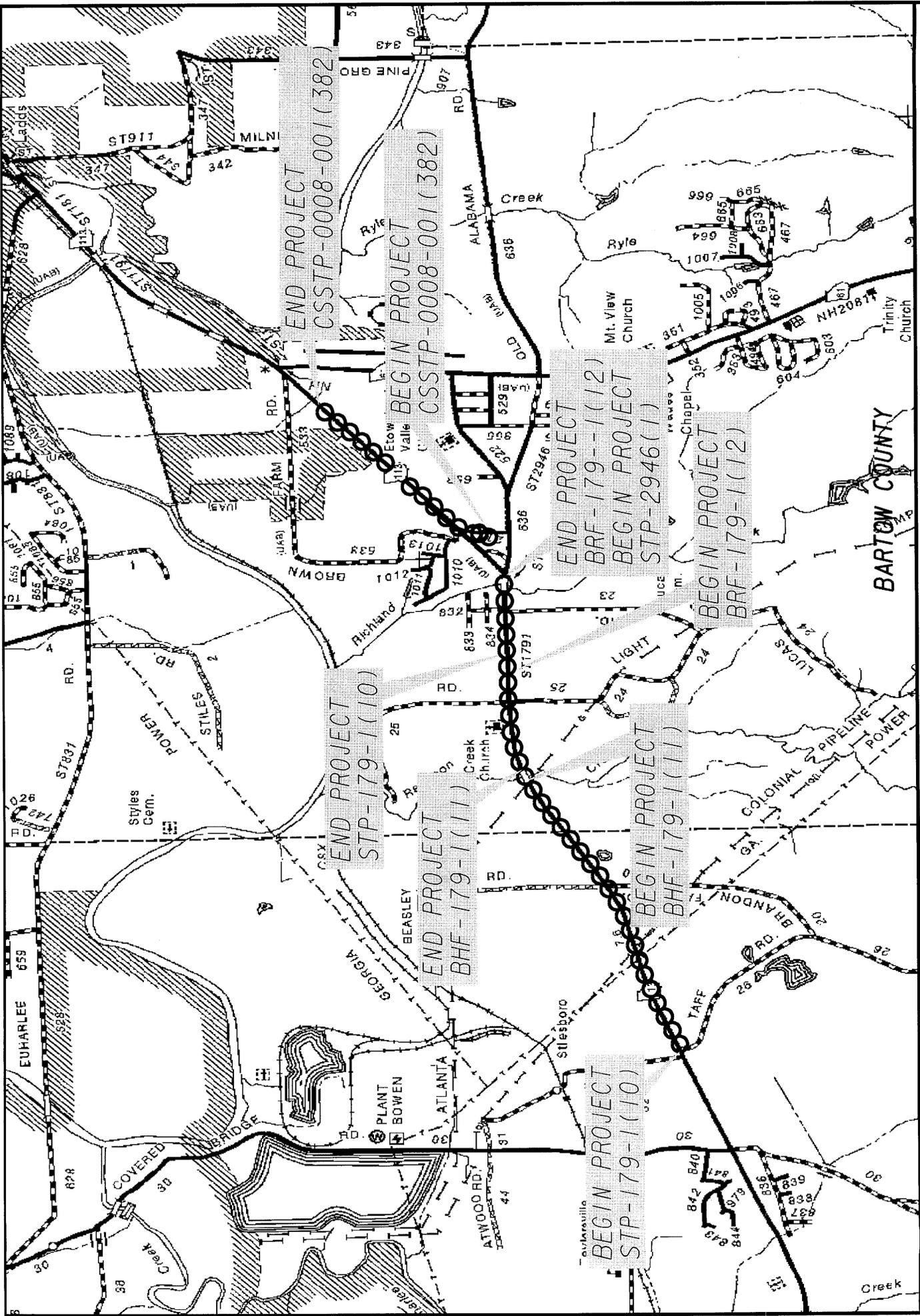
Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Mike Thomason
Mike.Thomason@dot.state.ga.us
874 Peoples Valley Road, N.W.
Cartersville, GA 30120
(770) 387-3680

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:

Babs Abubakari, P.E.
Babs.Abubakari@dot.state.ga.us
Georgia Department of Transportation
No. 2 Capitol Square, SW
Room 433
Atlanta, GA 30342
(404) 463-3832

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.



PROJECTS' LOCATIONS
 STP-179-1(10), BHF-179-1(11), BRF-179-1(12) AND CSSTP-0008-001(382)

END PROJECT
 STP-179-1(10)

END PROJECT
 BHF-179-1(11)

END PROJECT
 BRF-179-1(12)
 BEGIN PROJECT
 STP-2946(1)

BEGIN PROJECT
 BRF-179-1(12)

END PROJECT
 CSSTP-0008-001(382)

BEGIN PROJECT
 CSSTP-0008-001(382)

BEGIN PROJECT
 STP-179-1(10)

Estimate Report for file "621760_2006-11-02"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	313994.00	TRAFFIC CONTROL -	313994.00
153-1300	1	EA	63032.17	FIELD ENGINEERS OFFICE TP 3	63032.17
201-1500	1	LS	230000.00	CLEARING & GRUBBING -	230000.00
205-0001	31400	CY	4.34	UNCLASS EXCAV	136276.00
310-1101	16900	TN	15.89	GR AGGR BASE CRS, INCL MATL	268541.00
402-3110	30	TN	51.34	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1540.20
402-3121	8800	TN	71.84	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	632192.00
402-3130	2300	TN	69.60	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	160080.00
402-3190	3000	TN	80.15	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	240450.00
413-1000	2910	GL	1.95	BITUM TACK COAT	5674.50
433-1000	552	SY	132.83	REINF CONC APPROACH SLAB	73322.16
441-0204	632	SY	30.86	PLAIN CONC DITCH PAVING, 4 IN	19503.52
456-2015	2	GLM	769.38	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (SKIP)	1538.76
641-1200	1175	LF	15.98	GUARDRAIL, TP W	18776.50
641-5001	1	EA	545.44	GUARDRAIL ANCHORAGE, TP 1	545.44
641-5012	3	EA	1709.56	GUARDRAIL ANCHORAGE, TP 12	5128.68
Section Sub Total:					\$2,170,594.93

Section DRAINAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
550-1180	810	LF	36.04	STORM DRAIN PIPE, 18 IN, H 1-10	29192.40
550-2180	103	LF	26.65	SIDE DRAIN PIPE, 18 IN, H 1-10	2744.95
550-3318	8	EA	709.96	SAFETY END SECTION 18 IN, STORM DRAIN, 4:1 SLOPE	5679.68
550-4218	3	EA	556.01	FLARED END SECTION 18 IN, STORM DRAIN	1668.03
668-1100	3	EA	1926.10	CATCH BASIN, GP 1	5778.30
668-2100	3	EA	3588.45	DROP INLET, GP 1	10765.35
668-2110	4	LF	254.90	DROP INLET, GP 1, ADDL DEPTH	1019.60
Section Sub Total:					\$56,848.31

Section TEMPORARY EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	528.69	TEMPORARY GRASSING	2114.76
163-0240	150	TN	204.01	MULCH	30601.50
163-0300	5	EA	1821.70	CONSTRUCTION EXIT	9108.50
163-0501	8	EA	903.19	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	7225.52
163-0521	160	EA	165.14	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	26422.40
163-0550	5	EA	265.59	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1327.95
165-0010	330	LF	1.00	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	330.00
165-0030	890	LF	1.32	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1174.80
165-0040	160	EA	70.92	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	11347.20
165-0085	8	EA	332.63	MAINTENANCE OF SILT CONTROL GATE, TP 1	2661.04
165-0101	5	EA	487.95	MAINTENANCE OF CONSTRUCTION EXIT	2439.75
165-0105	5	EA	94.46	MAINTENANCE OF INLET SEDIMENT TRAP	472.30
167-1000	1	EA	1484.51	WATER QUALITY MONITORING AND SAMPLING	1484.51
167-1500	6	MO	916.55	WATER QUALITY INSPECTIONS	5499.30
171-0010	330	LF	1.81	TEMPORARY SILT FENCE, TYPE A	597.30
171-0030	890	LF	3.31	TEMPORARY SILT FENCE, TYPE C	2945.90
318-3000	500	TN	16.76	AGGR SURF CRS	8380.00
Section Sub Total:					\$114,132.73

Section PERMANENT EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2012	64	SY	27.63	STN DUMPED RIP RAP, TP 1, 12 IN	1768.32
603-7000	64	SY	4.30	PLASTIC FILTER FABRIC	275.20
700-6910	7	AC	839.48	PERMANENT GRASSING	5876.36

700-7000	13	TN	59.73	AGRICULTURAL LIME	776.49
700-7010	16	GL	18.67	LIQUID LIME	298.72
700-8000	7	TN	293.11	FERTILIZER MIXED GRADE	2051.77
700-8100	320	LB	1.70	FERTILIZER NITROGEN CONTENT	544.00
710-9000	7500	SY	3.68	PERMANENT SOIL REINFORCING MAT	27600.00
Section Sub Total:					\$39,190.86

Section SIGNING AND MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	100	SF	14.45	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1445.00
636-1029	25	SF	17.98	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	449.50
636-1031	50	SF	21.20	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	1060.00
636-2070	270	LF	7.49	GALV STEEL POSTS, TP 7	2022.30
636-2080	65	LF	9.47	GALV STEEL POSTS, TP 8	615.55
636-3010	2	EA	371.36	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	742.72
652-0094	11	EA	39.20	PAVEMENT MARKING, SYMBOL, TP 4	431.20
652-0110	11	EA	38.96	PAVEMENT MARKING, ARROW, TP 1	428.56
652-0120	10	EA	39.71	PAVEMENT MARKING, ARROW, TP 2	397.10
652-5301	1670	LF	0.17	SOLID TRAF STRIPE, 6 IN, WHITE	283.90
652-5701	50	LF	2.66	SOLID TRAF STRIPE, 24 IN, WHITE	133.00
652-6301	1050	GLF	0.17	SKIP TRAF STRIPE, 6 IN, WHITE	178.50
652-6501	3520	GLF	0.18	SKIP TRAFFIC STRIPE, 5 IN, WHITE	633.60
652-9001	1490	SY	1.92	TRAFFIC STRIPE, WHITE	2860.80
652-9002	50	SY	1.83	TRAFFIC STRIPE, YELLOW	91.50
653-1501	7670	LF	0.30	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2301.00
653-1502	7540	LF	0.30	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	2262.00
Section Sub Total:					\$16,336.23

Section BRIDGE ITEMS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-0100	1072	SY	4.32	GROOVED CONCRETE	4631.04
500-1006	427	LS	882.33	SUPERSTR CONCRETE, CL AA, BR NO -	376754.91
500-2100	536	LF	43.90	CONCRETE BARRIER	23530.40
500-3800	60	CY	740.41	CLASS A CONCRETE, INCL REINF STEEL	44424.60
507-9032	1340	LF	188.99	PSC BEAMS, AASHTO, BULB TEE, 72 IN, BR NO -	253246.60
511-3000	96123	LS	0.86	SUPERSTR REINF STEEL, BR NO -	82665.78
520-0573	20	EA	169.04	H-PILE POINTS, HP 14 X 73	3380.80
520-1147	800	LF	48.06	PILING IN PLACE, STEEL H, HP 14 X 73	38448.00
520-4147	1	EA	21.98	LOAD TEST, STEEL H, HP 14 X 73	21.98
540-1102	1	LS	148029.31	REMOVAL OF EXISTING BR, BR NO -	148029.31
603-2024	1600	SY	46.76	STN DUMPED RIP RAP, TP 1, 24 IN	74816.00
603-7000	1600	SY	4.30	PLASTIC FILTER FABRIC	6880.00
Section Sub Total:					\$1,056,829.42

Total Estimated Cost: \$3,453,932.48

Subtotal Construction Cost \$3,453,932.48

E&C Rate 10.0 % \$345,393.25

Inflation Rate 0.0 % @ 0.0 Years \$0.00

Total Construction Cost \$3,799,325.73

Right Of Way \$0.00

ReImb. Utilities \$0.00

Grand Total Project Cost \$3,799,325.73