

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 122100-. Madison County **OFFICE** Preconstruction
EDS-72(28)
SR 72 Widening and Reconstruction **DATE** January 22, 2007

FROM *Cybil Kuehl*
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 Keepler
Jamie Simpson
Paul Liles
Keith Golden
Ken Thompson
Angela Alexander (file copy)
Babs Abubakari
Ben Buchan
Russell McMurry
BOARD MEMBER

Public Involvement:

- Hearing Results:
 - Public Hearing held March 18, 2004 at Comer Elementary School, Comer, GA from 4:00 – 7:00 pm.
 - A total of 172 comments were received. From those attending, 93 comment forms were received. An additional 79 comments were received during the ten day comment period following the hearing.
 - 113 comments opposed the project, 49 comments supported the project, 4 comments were uncommitted, and 6 were conditionally supportive of the project.
 - Approximately 257 people attended. No officials were in attendance.
 - The Public Hearing was held jointly with the Public Hearing for the EDS-72(39) project. Comments were in regard to one or both of the projects.

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the approved Environmental Document. The project changes noted in the Concept Update portion of this request should be reflected in the proposed planning for Madison County.

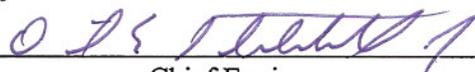
Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

RECOMMEND:



Director of Preconstruction

APPROVE:



Chief Engineer

11/19/07

Date of Approval

Attachments:

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

NOTICE OF LOCATION AND DESIGN APPROVAL

EDS-72(28) MADISON COUNTY P. I. 122100

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 JANUARY 22, 2007.

*Project located within: Madison County
Georgia Militia Districts 205 and 382*

Project begins approximately 1800 feet east of the SR 72 / SR 172 intersection, extending eastward to the west city limits of Comer, Georgia. The project follows along existing SR 72 with widening to the north side of the existing highway.

Proposed project is 2.67-mile, two to four-lane highway widening project with a raised concrete median for the first mile and a depressed grass median for the remainder. Rural shoulders are proposed for the entire project. The project plans include bike lanes and both the replacement of the existing bridge and a new parallel bridge over South Fork Broad River. The project parallels an active CSX Railroad line and includes two side streets with railroad grade crossings. The project is part of the Governor's Road Improvement Program (GRIP). It has been proposed to stimulate economic growth throughout the state.

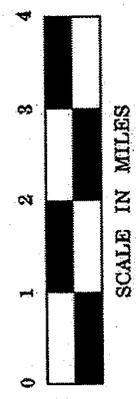
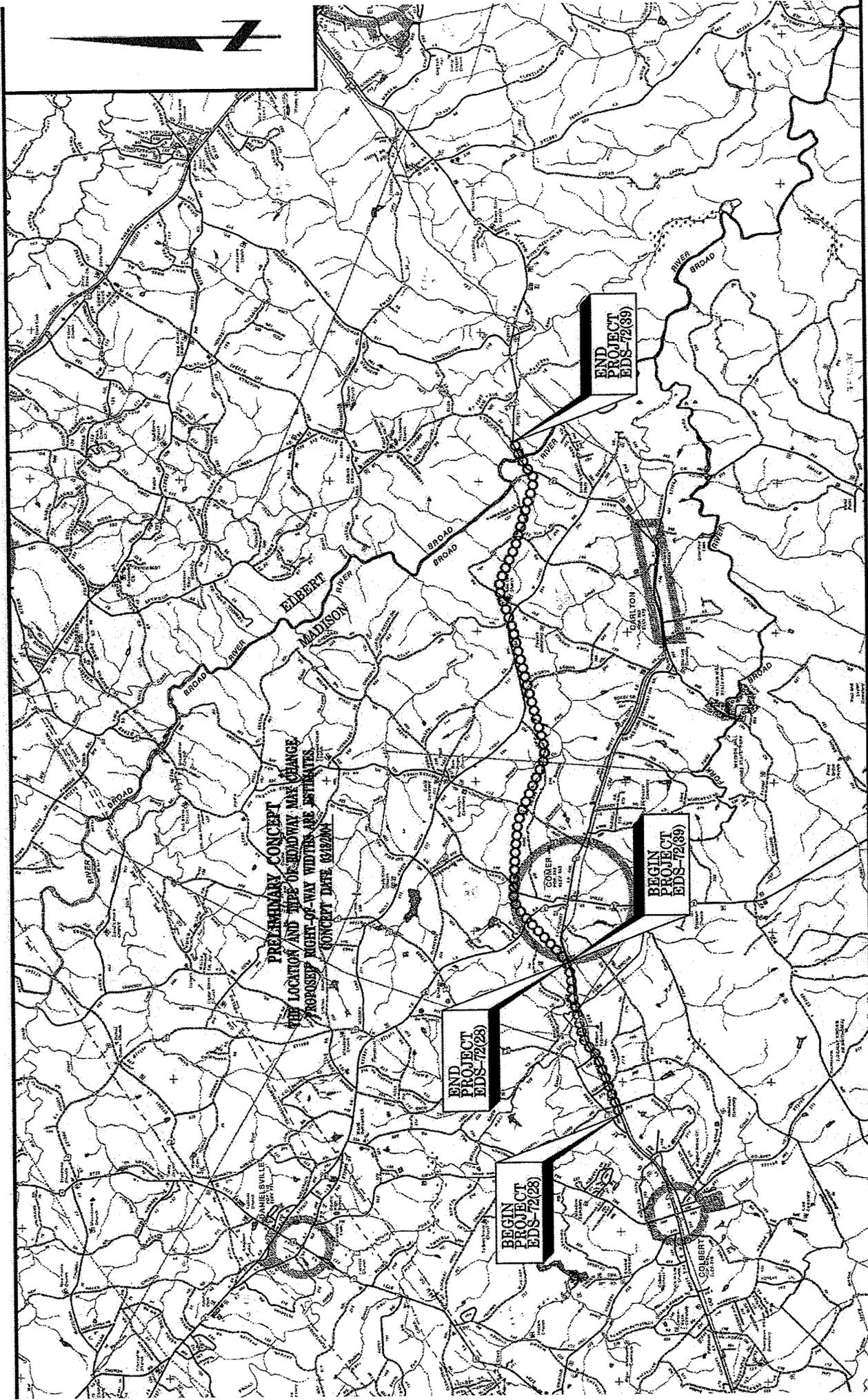
Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Todd Wood, Area Engineer
todd.wood@dot.state.ga.us
Georgia Department of Transportation
District One, Area Three
301 Conger Road
Carnesville, Georgia 30521
(706) 384-7269

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:

Tom Hodges, P.E., Project Manager
Office of Consultant Design
tom.hodges@dot.state.ga.us
Georgia Department of Transportation
Office of Consultant Design
No. 2 Capitol Square, SW, Rm 433
Atlanta, Georgia 30334-1002
(404) 656-5397

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.



SCALE IN MILES



GEORGIA

LOCATION

WALL MAP
 EDS-72(28),(39)
 MADISON, ELBERT COUNTY
 P.I.# 122100, 122650

SOURCE: GENERAL HIGHWAY MAP, MADISON/ELBERT CO., GEORGIA
 PREPARED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION, 10891092

Estimate Report for file "122100"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	100000.00	TRAFFIC CONTROL - EDS-72(28)	100000.00
153-1300	1	EA	51853.00	FIELD ENGINEERS OFFICE TP 3	51853.00
201-1500	1	LS	325000.00	CLEARING & GRUBBING - EDS-72(28)	325000.00
205-0001	401822	CY	3.20	UNCLASS EXCAV	1285830.40
310-1101	62614	TN	15.24	GR AGGR BASE CRS, INCL MATL	954237.36
402-3121	24053	TN	42.16	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1014074.48
402-3130	9365	TN	39.95	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	374131.75
402-3190	12096	TN	39.36	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	476098.56
413-1000	6910	GL	0.97	BITUM TACK COAT	6702.70
433-1200	540	SY	138.58	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	74833.20
441-0748	7643	SY	27.38	CONCRETE MEDIAN, 6 IN	209265.34
441-6740	10337	LF	11.23	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	116084.51
603-2182	180	SY	44.06	STN DUMPED RIP RAP, TP 3, 24 IN	7930.80
622-1033	12000	LF	29.33	PRECAST CONCRETE MEDIAN BARRIER, METHOD 3	351960.00
634-1200	99	EA	84.51	RIGHT OF WAY MARKERS	8366.49
641-1100	116	LF	31.10	GUARDRAIL, TP T	3607.60
641-1200	5313	LF	12.76	GUARDRAIL, TP W	67793.88
641-5001	12	EA	453.29	GUARDRAIL ANCHORAGE, TP 1	5439.48
641-5012	17	EA	1520.26	GUARDRAIL ANCHORAGE, TP 12	25844.42
Section Sub Total:					\$5,459,053.97

Section EROSION CONTROL					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	26	AC	479.11	TEMPORARY GRASSING	12456.86
163-0240	966	TN	199.41	MULCH	192630.06
163-0300	10	EA	1132.54	CONSTRUCTION EXIT	11325.40
163-0520	785	LF	12.64	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	9922.40
163-0530	4220	LF	2.34	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	9874.80
163-0531	7	EA	7386.85	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1	51707.95
163-0550	31	EA	177.30	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	5496.30
165-0010	6200	LF	0.90	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	5580.00
165-0030	4040	LF	1.18	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	4767.20
165-0050	600	LF	2.16	MAINTENANCE OF SILT RETENTION BARRIER	1296.00
165-0060	7	EA	942.37	MAINTENANCE OF TEMPORARY SEDIMENT BASIN	6596.59
165-0070	4220	LF	1.27	MAINTENANCE OF BALED STRAW EROSION CHECK	5359.40
165-0101	10	EA	360.08	MAINTENANCE OF CONSTRUCTION EXIT	3600.80
165-0105	31	EA	81.35	MAINTENANCE OF INLET SEDIMENT TRAP	2521.85
167-1000	2	EA	1964.70	WATER QUALITY MONITORING AND SAMPLING	3929.40
167-1500	24	MO	814.53	WATER QUALITY INSPECTIONS	19548.72
170-2000	600	LF	10.36	STAKED SILT RETENTION BARRIER	6216.00
171-0010	6200	LF	1.82	TEMPORARY SILT FENCE, TYPE A	11284.00
171-0030	4040	LF	3.07	TEMPORARY SILT FENCE, TYPE C	12402.80
603-2180	330	SY	34.61	STN DUMPED RIP RAP, TP 3, 12 IN	11421.30
603-2182	180	SY	44.65	STN DUMPED RIP RAP, TP 3, 24 IN	8037.00
603-7000	510	SY	4.26	PLASTIC FILTER FABRIC	2172.60
700-6910	51	AC	764.04	PERMANENT GRASSING	38966.04
700-7000	76	TN	58.01	AGRICULTURAL LIME	4408.76
700-7010	189	GL	18.80	LIQUID LIME	3553.20
700-8000	21	TN	264.44	FERTILIZER MIXED GRADE	5553.24
700-8100	2520	LB	1.52	FERTILIZER NITROGEN CONTENT	3830.40

716-2000	57253	SY	1.12	EROSION CONTROL MATS, SLOPES	64123.36
Section Sub Total:					\$518,582.43

Section SIGNING & MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	149	SF	13.30	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1981.70
636-1029	96	SF	19.84	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	1904.64
636-1031	178	SF	16.89	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	3006.42
636-1032	64	SF	27.58	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 6	1765.12
636-2070	710	LF	6.46	GALV STEEL POSTS, TP 7	4586.60
636-2090	184	LF	6.86	GALV STEEL POSTS, TP 9	1262.24
653-0120	25	EA	56.04	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	1401.00
653-0170	4	EA	76.68	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	306.72
653-1501	32020	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	8645.40
653-1502	26980	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	7284.60
653-1704	90	LF	3.37	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	303.30
653-3501	29220	GLF	0.17	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	4967.40
653-6004	1616	SY	2.54	THERMOPLASTIC TRAF STRIPING, WHITE	4104.64
653-6006	64	SY	2.71	THERMOPLASTIC TRAF STRIPING, YELLOW	173.44
654-1001	40	EA	3.51	RAISED PVMT MARKERS TP 1	140.40
654-1003	410	EA	3.23	RAISED PVMT MARKERS TP 3	1324.30
Section Sub Total:					\$43,157.92

Section DRAINAGE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	164	CY	40.23	FOUND BKFILL MATL, TP II	6597.72
500-3101	507	CY	505.57	CLASS A CONCRETE	256323.99
500-3800	15	CY	737.41	CLASS A CONCRETE, INCL REINF STEEL	11061.15
511-1000	66776	LB	0.85	BAR REINF STEEL	56759.60
550-1180	3629	LF	34.88	STORM DRAIN PIPE, 18 IN, H 1-10	126579.52
550-1240	373	LF	43.96	STORM DRAIN PIPE, 24 IN, H 1-10	16397.08
550-1360	108	LF	65.70	STORM DRAIN PIPE, 36 IN, H 1-10	7095.60
550-2180	660	LF	26.67	SIDE DRAIN PIPE, 18 IN, H 1-10	17602.20
550-2240	90	LF	30.80	SIDE DRAIN PIPE, 24 IN, H 1-10	2772.00
550-2360	30	LF	46.35	SIDE DRAIN PIPE, 36 IN, H 1-10	1390.50
550-3518	10	EA	609.61	SAFETY END SECTION 18 IN, STORM DRAIN, 6:1 SLOPE	6096.10
550-3524	4	EA	998.95	SAFETY END SECTION 24 IN, STORM DRAIN, 6:1 SLOPE	3995.80
550-3618	42	EA	586.51	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	24633.42
550-3624	6	EA	867.98	SAFETY END SECTION 24 IN, SIDE DRAIN, 6:1 SLOPE	5207.88
550-3636	2	EA	2367.93	SAFETY END SECTION 36 IN, SIDE DRAIN, 6:1 SLOPE	4735.86
550-4218	20	EA	547.28	FLARED END SECTION 18 IN, STORM DRAIN	10945.60
550-4224	1	EA	625.01	FLARED END SECTION 24 IN, STORM DRAIN	625.01
668-1100	5	EA	1889.15	CATCH BASIN, GP 1	9445.75
668-2100	13	EA	2815.15	DROP INLET, GP 1	36596.95
668-4300	2	EA	1956.28	STORM SEWER MANHOLE, TP 1	3912.56
668-5000	1	EA	1788.42	JUNCTION BOX	1788.42
668-8011	74	SF	50.59	SAFETY GRATE, TP 1	3743.66
668-8013	84	SF	34.15	SAFETY GRATE, TP 3	2868.60
Section Sub Total:					\$617,174.97

Section BRIDGES

Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1	LS	117463.55	REMOVAL OF EXISTING BR, STA NO -	117463.55
543-9000	1	Lump Sum	773850.00	CONSTRUCTION OF BRIDGE COMPLETE-SR 72 WESTBOUND-268 FT X 41.25 FT @\$70/SF	773850.00
543-9000	1	Lump Sum	773850.00	CONSTRUCTION OF BRIDGE COMPLETE-SR 72 EASTBOUND-268 FT X 41.25 FT @\$70/SF	773850.00
603-2024	1902	SY	43.00	STN DUMPED RIP RAP, TP 1, 24 IN	81786.00
603-7000	1902	SY	4.04	PLASTIC FILTER FABRIC	7684.08
Section Sub Total:					\$1,754,633.63

Total Estimated Cost: \$8,392,602.92

Subtotal Construction Cost \$8,392,602.92

E&C Rate 10.0 % \$839,260.29

Inflation Rate 0 % @ 0 Years \$0.00

Total Construction Cost \$9,231,863.21

Right Of Way \$12,418,000.00

ReImb. Utilities \$164,263.00

Grand Total Project Cost \$21,814,126.21