

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0000765, Tift County **OFFICE** Preconstruction
NHS-0000-00(765)
I-75 from CR 246/Cook to CR 204/Tift - Ph 2 **DATE** January 22, 2007

FROM *Genetha Rice-Singleton*
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
Joe Sheffield
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: NHS-0000-00(765) Tift County
P.I. No. 0000765
I-75 from CR 246/Cook to CR 204 in Tift
County Phase 2
FROM: *M. Babs Abubakari*
Mohammed (Babs) Abubakari, PE,
State Consultant Design and Program Delivery Engineer
TO: Genetha Rice-Singleton, Assistant Director of Preconstruction
OFFICE: Consultant Design
DATE: January 2, 2007
SUBJECT: Request for Location and Design Approval

The proposed project would reconstruct the existing interchange at Interstate 75 (I-75) and Omega-Eldorado Road/CR 418 (Exit 55) in Tift County. This project would begin at mile log 54.14 and end at 55.54 on Interstate 75 and be approximately 1.4 miles in length. This project is part of the Georgia Department of Transportation's (DOT) overall objective to increase the number of travel lanes on I-75 from four (4) lanes to a minimum of six (6) lanes throughout the state.

The reconstruction would include replacing the existing 216-foot, two (2)-lane bridge at this interchange with a new 332-foot bridge that will correct sight distance deficiencies and allow for the future widening of I-75 to a minimum of eight (8) lanes. In addition to replacing the bridge, the reconstruction will relocate the exit and entrance ramps at this interchange; and improve Omega-Eldorado Road/CR 418 from U.S. 41 west approximately 2,600 feet.

The proposed rural typical section for Omega-Eldorado Road/CR 418 is two (2) 12-foot lanes, a 14-foot center turn lane and 10-foot wide shoulders, with 6.5 feet paved. Right turn lanes will be added along Omega-Eldorado Road/CR 418 at the entrance ramps to I-75, and will be delineated with islands to define the path of allowed movement and prohibit undesirable movements. The exit and entrance ramps would be relocated to achieve 1,000 feet of separation between ramp termini to allow for improved sight distance over the bridge and at the ramp intersections. The proposed typical section for these ramps is a 16-foot travel lane with 12-foot outside shoulders (10 feet paved) and 6-foot inside shoulders (4 feet paved). In addition, designated 12-foot wide right-turn lanes would be provided along the I-75 exit ramps at Omega-Eldorado Road/CR 418.

Concept Approval Date: January 5, 2000

Concept Update: Revised-September 26, 2006

Environmental Assessment and Reassessment Approval Date: December 6, 2006

Public Involvement:

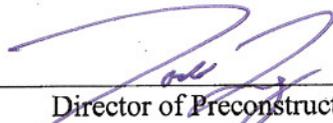
- Hearing Results: None held

- Public Information Open House
 - June 15, 2006 – Tift Area Tech in Tifton Georgia.
 - 4 comments FOR and 0 comments AGAINST Some of the comments received were in regard to access to Williams Road/CR 96 that is currently accessed from Omega-Eldorado Road/CR 418 via a “cut-through” on a commercial property without easement or right of way. Others were concerned with the appraisal value that GDOT would apply to their property.
 - 8 comments were received.
 - 89 total attendees
 - 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:

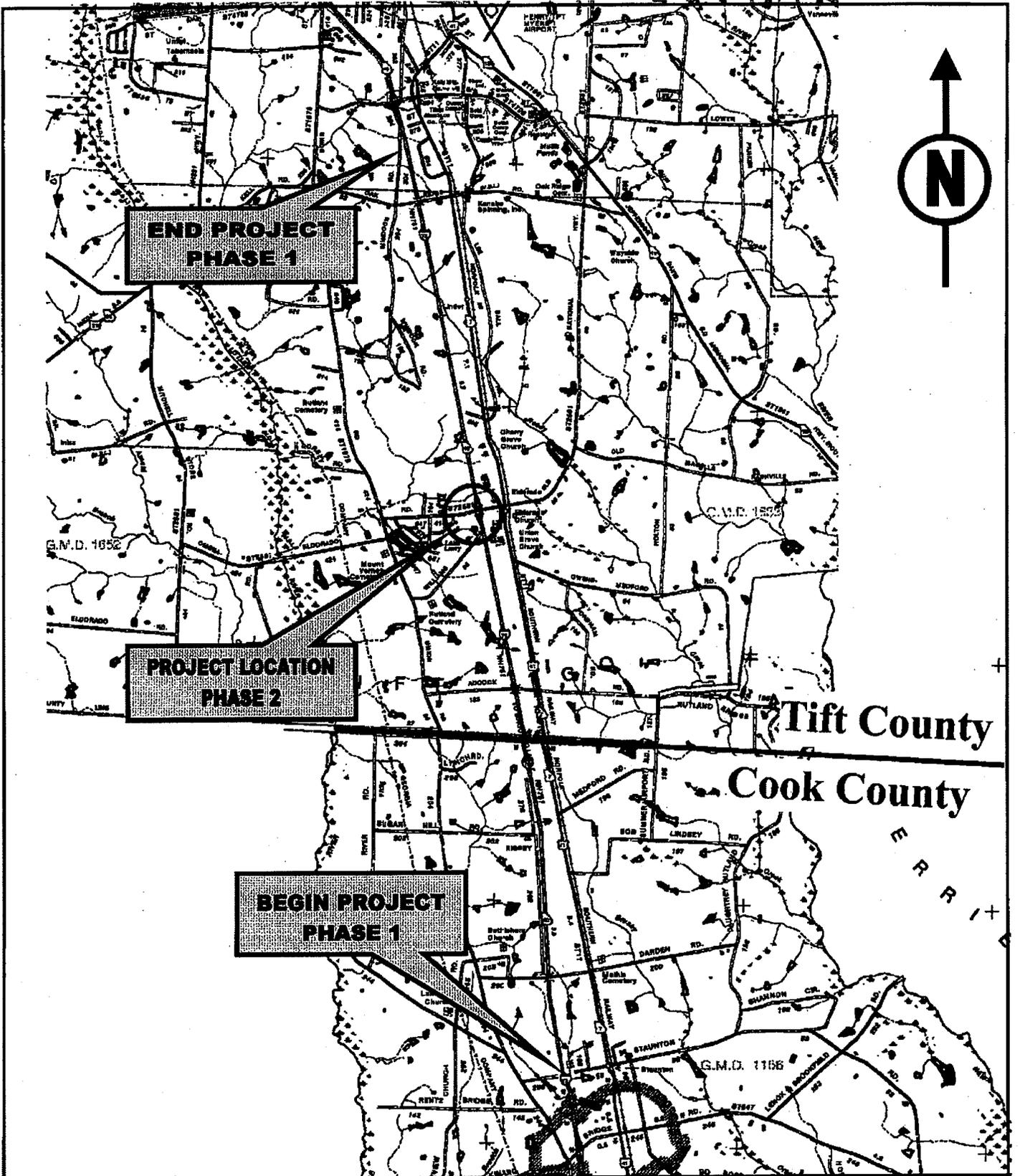


Chief Engineer

1/19/07
Date of Approval

Attachments:

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



**I-75 From CR 246/Cook to CR 204 in
Tift County -Phase 2
NHS-0000-00(765)
P.I. 0000765**

PROJECT LOCATION MAP

NOT TO SCALE

Estimate Report for file "PI 0000765 PFPR"

Section Temporary Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	13	AC	523.06	TEMPORARY GRASSING	6799.78
163-0300	16	EA	1822.17	CONSTRUCTION EXIT	29154.72
163-0501	9	EA	903.19	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	8128.71
163-0521	65	EA	162.96	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	10592.40
163-0531	1	EA	7859.28	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	7859.28
163-0550	4	EA	274.60	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	1098.40
165-0010	1000	LF	1.08	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	1080.00
165-0020	5000	LF	1.18	MAINTENANCE OF TEMPORARY SILT FENCE, TP B	5900.00
165-0030	1000	LF	1.31	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1310.00
165-0040	65	EA	71.45	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	4644.25
165-0060	1	EA	1047.01	MAINTENANCE OF TEMPORARY SEDIMENT BASIN, STA NO -	1047.01
165-0085	9	EA	332.63	MAINTENANCE OF SILT CONTROL GATE, TP 1	2993.67
165-0101	16	EA	469.37	MAINTENANCE OF CONSTRUCTION EXIT	7509.92
165-0105	6	EA	96.84	MAINTENANCE OF INLET SEDIMENT TRAP	581.04
167-1000	2	EA	1587.16	WATER QUALITY MONITORING AND SAMPLING	3174.32
167-1500	18	MO	912.05	WATER QUALITY INSPECTIONS	16416.90
171-0010	2000	LF	1.99	TEMPORARY SILT FENCE, TYPE A	3980.00
171-0020	10000	LF	1.76	TEMPORARY SILT FENCE, TYPE B	17600.00
171-0030	2000	LF	3.37	TEMPORARY SILT FENCE, TYPE C	6740.00
716-2000	1000	SY	1.12	EROSION CONTROL MATS, SLOPES	1120.00
Section Sub Total:					\$137,730.40

Section Roadway					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
201-1500	1	LS	900000.00	CLEARING & GRUBBING -	900000.00
205-0001	91000	CY	4.34	UNCLASS EXCAV	394940.00
436-1000	3000	LF	8.95	ASPHALTIC CONCRETE CURB -	26850.00
621-4070	400	LF	179.84	CONCRETE SIDE BARRIER, TYPE 7C	71936.00
634-1200	15	EA	93.73	RIGHT OF WAY MARKERS	1405.95
636-1014	250	SF	12.19	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 1	3047.50
636-1033	500	SF	20.78	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	10390.00
636-2070	100	LF	7.33	GALV STEEL POSTS, TP 7	733.00
638-1001	1	LS	75000.00	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 122+33 ramp c	75000.00
638-1001	1	LS	75000.00	STR SUPPORT FOR OVERHEAD SIGN, TP I , STA - 79+02 ramp a	75000.00
641-1100	500	LF	35.89	GUARDRAIL, TP T	17945.00
641-1200	3000	LF	15.25	GUARDRAIL, TP W	45750.00
641-5001	4	EA	535.89	GUARDRAIL ANCHORAGE, TP 1	2143.56
641-5012	10	EA	1677.44	GUARDRAIL ANCHORAGE, TP 12	16774.40
643-1152	7500	LF	33.74	CH LK FENCE, ZC COAT, 6 FT, 9 GA	253050.00
652-0110	2	EA	38.58	PAVEMENT MARKING, ARROW, TP 1	77.16
652-0120	2	EA	39.71	PAVEMENT MARKING, ARROW, TP 2	79.42
653-1501	10000	LF	0.30	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	3000.00
653-1502	4000	LF	0.29	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	1160.00
653-1810	200	LF	0.95	THERMOPLASTIC SOLID TRAF STRIPE, 10 IN, WHITE	190.00
653-3501	2000	GLF	0.19	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	380.00
654-1001	700	EA	3.59	RAISED PVMT MARKERS TP 1	2513.00
654-1003	120	EA	3.78	RAISED PVMT MARKERS TP 3	453.60
657-2085	3	LM	22628.12	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	67884.36
657-4085	1	GLM	11257.18	PREFORMED PLASTIC SKIP PVMT MKG, 8 IN, CONTRAST (BLACK-WHITE), TP PB	11257.18
657-5000	1500	SY	19.00	PREFORMED PLASTIC PVMT MARKINGS	28500.00
657-7085	3	LM	21359.31	PREFORMED PLASTIC SOLID PVMT MKG, 8 IN, CONTRAST (BLACK-YELLOW), TP PB	64077.93
Section Sub Total:					\$2,074,538.06

Section BRIDGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0004	520	SY	45.00	CONC SLOPE PAV, 4 IN	23400.00
500-0100	2300	SY	6.00	GROOVED CONCRETE	13800.00
500-1006	1	LS	380000.00	SUPERSTR CONCRETE, CL AA, BR NO -	380000.00
500-2100	750	LF	42.58	CONCRETE BARRIER	31935.00
500-3101	550	CY	620.00	CLASS A CONCRETE	341000.00
507-9002	600	LF	106.97	PSC BEAMS, AASHTO TYPE II, BR NO -	64182.00
507-9031	1900	LF	161.79	PSC BEAMS, AASHTO, BULB TEE, 63 IN, BR NO -	307401.00
511-1000	9800	LB	1.05	BAR REINF STEEL	10290.00
511-3000	1	LS	185000.00	SUPERSTR REINF STEEL, BR NO -	185000.00
520-2218	4200	LF	55.00	PILING, PSC, 18 IN SQ	231000.00
520-3218	2	EA	8500.00	TEST PILE, PSC, 18 IN SQ	17000.00
520-4147	1	EA	7.84	LOAD TEST, STEEL H, HP 14 X 73	7.84
540-1101	1	LS	300000.00	REMOVAL OF EXISTING BR, STA NO -	300000.00
Section Sub Total:					\$1,905,015.84

Section Traffic Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	1273911.14	TRAFFIC CONTROL -	1273911.14
150-5000	4	EA	426.69	TRAFFIC CONTROL, TEMPORARY SAND LOADED ATTENUATOR MODULE	1706.76
153-1300	1	EA	61928.33	FIELD ENGINEERS OFFICE TP 3	61928.33
652-5301	3000	LF	0.16	SOLID TRAF STRIPE, 6 IN, WHITE	480.00
652-5451	1500	LF	0.15	SOLID TRAFFIC STRIPE, 5 IN, WHITE	225.00
Section Sub Total:					\$1,338,251.23

Section Permanent Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0240	130	TN	205.20	MULCH	26676.00
603-2182	50	SY	44.63	STN DUMPED RIP RAP, TP 3, 24 IN	2231.50
700-6910	25	AC	837.11	PERMANENT GRASSING	20927.75
700-7000	50	TN	58.81	AGRICULTURAL LIME	2940.50
700-7010	62	GL	18.72	LIQUID LIME	1160.64
700-8000	25	TN	286.34	FERTILIZER MIXED GRADE	7158.50
700-8100	1500	LB	1.66	FERTILIZER NITROGEN CONTENT	2490.00
Section Sub Total:					\$63,584.89

Section Drainage					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0301	4	EA	1739.13	CONC SPILLWAY, TP 1	6956.52
550-1180	550	LF	36.25	STORM DRAIN PIPE, 18 IN, H 1-10	19937.50
550-1241	20	LF	46.87	STORM DRAIN PIPE, 24 IN, H 10-15	937.40
550-1300	150	LF	52.70	STORM DRAIN PIPE, 30 IN, H 1-10	7905.00
550-1360	51	LF	65.31	STORM DRAIN PIPE, 36 IN, H 1-10	3330.81
550-1420	300	LF	87.86	STORM DRAIN PIPE, 42 IN, H 1-10	26358.00
550-2180	240	LF	26.71	SIDE DRAIN PIPE, 18 IN, H 1-10	6410.40
550-2420	60	LF	58.67	SIDE DRAIN PIPE, 42 IN, H 1-10	3520.20
550-4118	10	EA	305.30	FLARED END SECTION 18 IN, SIDE DRAIN	3053.00
550-4142	2	EA	1040.40	FLARED END SECTION 42 IN, SIDE DRAIN	2080.80
550-4218	10	EA	558.11	FLARED END SECTION 18 IN, STORM DRAIN	5581.10
550-4230	2	EA	730.65	FLARED END SECTION 30 IN, STORM DRAIN	1461.30
550-4242	4	EA	1280.92	FLARED END SECTION 42 IN, STORM DRAIN	5123.68
550-4418	2	EA	396.35	FLARED END SECTION, 18 IN, SLOPE DRAIN	792.70
576-1018	180	LF	25.91	SLOPE DRAIN PIPE, 18 IN	4663.80
668-5000	1	EA	1797.03	JUNCTION BOX	1797.03
Section Sub Total:					\$99,909.24

Section Pavement					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	35000	TN	16.06	GR AGGR BASE CRS, INCL MATL	562100.00
402-1812	3000	TN	70.41	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	211230.00
402-3110	250	TN	51.34	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	12835.00

402-3112	1200	TN	83.78	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	100536.00
402-3113	600	TN	79.79	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	47874.00
402-3121	2500	TN	70.88	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	177200.00
413-1000	1000	GL	1.85	BITUM TACK COAT	1850.00
430-0220	61000	SY	85.00	PLAIN PC CONC PVMT, CL 1 CONC, 12 INCH THK	5185000.00
432-5010	100	SY	1.87	MILL ASPH CONC PVMT, VARIABLE DEPTH	187.00
433-1000	500	SY	151.25	REINF CONC APPROACH SLAB	75625.00
Section Sub Total:					\$6,374,437.00

Total Estimated Cost: \$11,993,466.66

Subtotal Construction Cost	\$11,993,466.66
E&C Rate 10.0 %	\$1,199,346.67
Inflation Rate 0.0 % @ 0.0 Years	\$0.00
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Total Construction Cost	\$13,192,813.33
Right Of Way	\$0.00
ReImb. Utilities	\$299,787.50
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Grand Total Project Cost	\$13,492,600.83

NOTICE OF LOCATION AND DESIGN APPROVAL

NHS-0000-00(765) Tift County

P.I. 0000765

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.

This project is located in southern Tift County. This project (NHS-0000-00(765), P.I. No. 0000765) is Phase 2 of the original project proposal for project number NH-75-1(206), P.I. No. 410530, which consisted of widening the existing four (4) lane mainline of I-75 to six (6) lanes. This project is located entirely in Land District 6 and within Land Lot's 472 and 473. This project would begin at mile log 54.14 and end at 55.54 on Interstate 75 and be approximately 1.4 miles in length.

The proposed project would reconstruct the existing interchange at Interstate 75 (I-75) and Omega-Eldorado Road/CR 418 (Exit 55) in Tift County. This project is a part of the Georgia Department of Transportation's (DOT) overall objective to increase the number of travel lanes on I-75 from four (4) lanes to a minimum of six (6) lanes throughout the state. The reconstruction would include replacing the existing 216-foot, two (2)-lane bridge at this interchange with a new 332-foot bridge that will correct sight distance deficiencies and allow for the future widening of I-75 to a minimum of eight (8) lanes. In addition to replacing the bridge, the reconstruction will relocate the exit and entrance ramps at this interchange; and improve Omega-Eldorado Road/CR 418 from U.S. 41 west approximately 2,600 feet. The proposed rural typical section for Omega-Eldorado Road/CR 418 is two (2) 12-foot lanes, a 14-foot center turn lane and 10-foot wide shoulders, with 6.5 feet paved. Right turn lanes will be added along Omega-Eldorado Road/CR 418 at the entrance ramps to I-75, these turn lanes will be delineated with islands to define the path of allowed movement and prohibit undesirable movements. The exit and entrance ramps would be relocated to achieve 1,000 feet of separation between ramp termini to allow for improved sight distance over the bridge and at the ramp intersections. The proposed typical section for these ramps is a 16-foot travel lane with 12-foot outside shoulders with 10 feet paved and 6-foot inside shoulders with 4 feet paved. In addition, designated 12-foot wide right-turn lanes would be provided along the I-75 exit ramps at Omega-Eldorado Road/CR 418. This project is in English Units.

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:

Area 8 Engineer
Scott Chambers
Scott.Chambers@dot.state.ga.us
97 Brighton Road
Tifton, GA 31794
(229) 556-9433

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:

Robert Reid
Robert.Reid@dot.state.ga.us
Georgia Department of Transportation
No. 2 Capitol Square, SW
Room 433
Atlanta, GA 30342
(404) 463-2988

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.