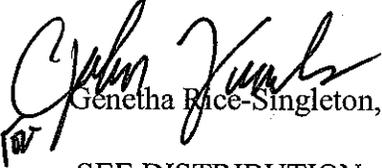


ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0000931, Whitfield County **OFFICE** Preconstruction
NHS00-0000-00(931)
I-75 @ SR 3/US 41/US 76 Rocky Face
Interchange Reconstruction **DATE** June 12, 2008

FROM  Genetha Face-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached 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:

Brian Summers
Harvey Keepler
Ken Thompson
Michael Henry
Keith Golden
Angela Alexander
Paul Liles
Kent Sager
Nicoe Alexander
BOARD MEMBER

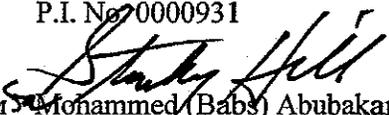
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE NHS00-0000-00(931), Whitfield County
I-75 @ SR3/US 41/US 76 Rocky Face
Interchange Reconstruction
P.I. No 0000931

OFFICE Consultant Design

DATE May 28, 2008


FROM Mohammed (Babs) Abubakari, P.E., State Consultant Design Engineer

TO Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT Request for Location and Design Approval

Description and Project Proposal: This project consists of the reconstruction of the I-75 at SR 3/US 41/US 76 (Rocky Face) interchange located in Whitfield County. This interchange will be reconfigured as a partial cloverleaf with loop ramps located in the northeast and southwest quadrants. Also included, as part of this project, is the widening of I-75 to accommodate a future travel lane and shoulder. The I-75 bridge over SR 3/US 41/US 76 will be replaced and the I-75 bridge over Mill Creek will be widened as part of this project. The northbound and southbound exit ramps will be reconstructed and a collector-distributor ramp will be added parallel to each side of I-75. The northbound and southbound entrance ramps will be reconstructed to accommodate the reconfigured exit ramp geometry. To improve capacity, SR 3/US 41/US 76 will be widened with an additional lane in each direction. The traffic signals on SR 3/US 41/US 76 at Tibbs Road, Shugart Drive and I-75 northbound and southbound entrance ramps will be modified. The posted speed limit along I-75 is 70 mph and the posted speed limit along SR3/US 41/US 76 is 45 mph. The Average Daily Traffic (ADT) along I-75 has been projected to be 69,441 in 2012 and 84,718 in 2032 with 35 percent trucks. The Average Daily Traffic (ADT) along SR 3/US 41/US 76 has been projected to be 44,747 in 2012 and 52,569 in 2032 with 7 percent trucks. The project limits along I-75 are from MP 335.12 to MP 336.11. The project limits along SR 3/US 41/US 76 are from MP 20.2 to MP 20.9. This project is located in Land District 12 and GMD 872. This project is scheduled to Let in March 2009.

Concept Approval Date: January 14, 2000

Concept Update: There have been no changes to the concept since the Concept Approval.

Environmental Assessment and Reassessment Approval Date: pending

- **Public Involvement:** A Public Information Open House was held on 9/25/2007 at Dalton State College; Dalton, Ga.
- 39 total attendees
- 4 comments were received – 3 were in support of the project and 1 was Conditional. The comments received were in regards to providing a median

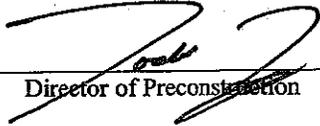
opening for tractor-trailers accessing Environs Lane and providing a wall to reduce right of way impacts to the car dealership.

- There have been no changes 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 referenced project be approved and that the attached Notice be approved for advertising.

RECOMMEND:


Director of Preconstruction

APPROVE:



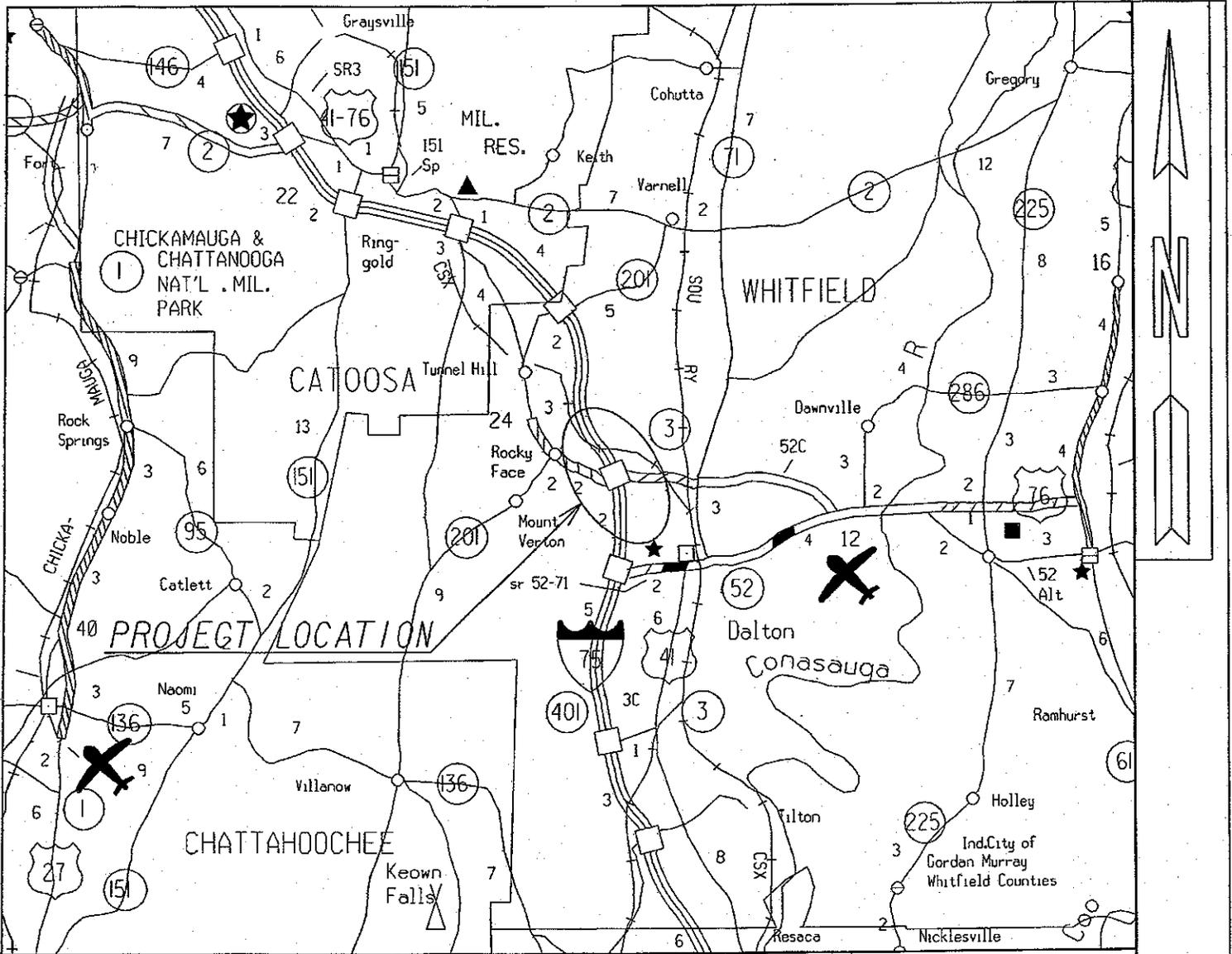
Chief Engineer

6/12/09

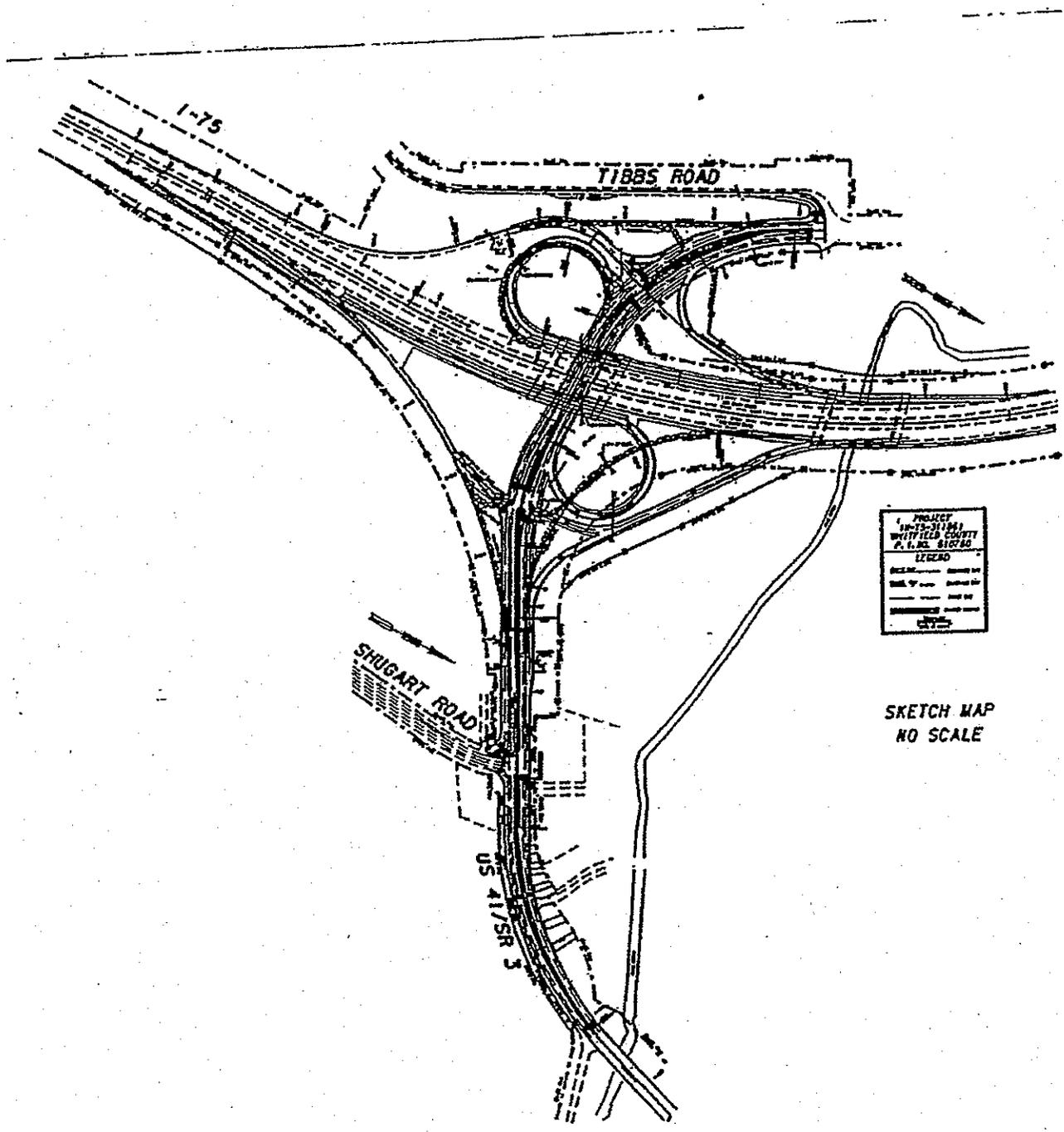
Date of Approval

Attachments:

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



LOCATION SKETCH



POLICE
 10-75-31124
 WITFIELD COUNTY
 P. L. NO. 810780
 LEGEND
 (The legend contains several lines of text with corresponding line styles, but they are too small to read accurately.)

SKETCH MAP
 NO SCALE

Estimate Report for file "000931 NHS-0000-00(931)"

Section Roadway Items						
Item Number	Quantity	Units	Unit Price	Item Description	Cost	
150-1000	1	LS	325000.00	TRAFFIC CONTROL -	325000.00	
201-1500	1	LS	300000.00	CLEARING & GRUBBING -	300000.00	
208-0100	200000	CY	9.34	IN PLACE EMBANKMENT	1868000.00	
310-1101	52000	TN	15.44	GR AGGR BASE CRS, INCL MATL	802880.00	
318-3000	1000	TN	16.83	AGGR SURF CRS	16830.00	
402-1812	1000	TN	85.00	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	85000.00	
402-3112	7300	TN	85.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	620500.00	
402-3121	14500	TN	85.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1232500.00	
402-3141	7000	TN	85.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	595000.00	
413-1000	8000	GL	1.08	BITUM TACK COAT	8640.00	
430-0220	14000	SY	65.00	PLAIN PC CONC PVMT, CL 1 CONC, 12 INCH THK	910000.00	
432-0208	16000	SY	3.25	MILL ASPH CONC PVMT, 2 IN DEPTH	52000.00	
433-1000	1170	SY	130.59	REINF CONC APPROACH SLAB	152790.30	
441-0104	2500	SY	26.41	CONC SIDEWALK, 4 IN	66025.00	
441-0204	500	SY	29.07	PLAIN CONC DITCH PAVING, 4 IN	14535.00	
441-0740	2000	SY	26.82	CONCRETE MEDIAN, 4 IN	53640.00	
441-4020	120	SY	29.64	CONC VALLEY GUTTER, 6 IN	3556.80	
441-6222	8000	LF	13.45	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	107600.00	
441-6740	4800	LF	11.62	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	55776.00	
456-2012	4	GLM	967.16	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	3868.64	
620-0100	2300	LF	40.76	TEMPORARY BARRIER, METHOD NO. 1	93748.00	
621-3021	2400	LF	59.46	CONCRETE BARRIER, TYPE 21	142704.00	
641-1100	300	LF	31.32	GUARDRAIL, TP T	9396.00	
641-1200	4300	LF	14.29	GUARDRAIL, TP W	61447.00	
641-5001	10	EA	498.00	GUARDRAIL ANCHORAGE, TP 1	4980.00	
641-5012	10	EA	1588.91	GUARDRAIL ANCHORAGE, TP 12	15889.10	
650-1100	4	EA	11967.41	IMPACT ATTENUATOR UNIT (CRASH COMPRESSION CUSHION) TYPE P-	47869.64	
Section Sub Total:					\$7,650,175.48	

Section Drainage Items						
Item Number	Quantity	Units	Unit Price	Item Description	Cost	
500-3101	200	CY	700.00	CLASS A CONCRETE	140000.00	
511-1000	28500	LB	1.00	BAR REINF STEEL	28500.00	
550-1180	3500	LF	32.94	STORM DRAIN PIPE, 18 IN, H 1-10	115290.00	
550-1240	500	LF	39.97	STORM DRAIN PIPE, 24 IN, H 1-10	19985.00	
550-3318	8	EA	694.19	SAFETY END SECTION 18 IN, STORM DRAIN, 4:1 SLOPE	5553.52	
550-3324	8	EA	951.26	SAFETY END SECTION 24 IN, STORM DRAIN, 4:1 SLOPE	7610.08	
550-4218	10	EA	492.73	FLARED END SECTION 18 IN, STORM DRAIN	4927.30	
550-4224	8	EA	552.21	FLARED END SECTION 24 IN, STORM DRAIN	4417.68	
603-2018	300	SY	38.29	STN DUMPED RIP RAP, TP 1, 18 IN	11487.00	
603-7000	300	SY	4.03	PLASTIC FILTER FABRIC	1209.00	
668-1100	40	EA	1821.80	CATCH BASIN, GP 1	72872.00	
Section Sub Total:					\$411,851.58	

Section Singing and Marking Items						
Item Number	Quantity	Units	Unit Price	Item Description	Cost	
636-1020	225	SF	13.83	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	3111.75	
636-2070	600	LF	7.05	GALV STEEL POSTS, TP 7	4230.00	
638-1001	3	LS	86043.50	STR SUPPORT FOR OVERHEAD SIGN, TP I, STA -	258130.50	
639-3004	8	EA	8610.56	STEEL STRAIN POLE, TP IV	68884.48	
647-1000	1	LS	50000.00	TRAFFIC SIGNAL INSTALLATION NO - 1	50000.00	

647-1000	1	LS	50000.00	TRAFFIC SIGNAL INSTALLATION NO - 2	50000.00
647-1000	1	LS	50000.00	TRAFFIC SIGNAL INSTALLATION NO -3	50000.00
647-1000	1	LS	50000.00	TRAFFIC SIGNAL INSTALLATION NO - 4	50000.00
653-0120	25	EA	60.90	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	1522.50
653-0170	2	EA	78.10	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	156.20
653-1501	40000	LF	0.28	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	11200.00
653-1502	50000	LF	0.28	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	14000.00
653-1704	250	LF	3.45	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	862.50
653-1804	500	LF	1.69	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	845.00
653-3501	85000	GLF	0.17	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	14450.00
653-6004	500	SY	2.56	THERMOPLASTIC TRAF STRIPING, WHITE	1280.00
653-6006	500	SY	2.74	THERMOPLASTIC TRAF STRIPING, YELLOW	1370.00
654-1001	1500	EA	3.53	RAISED PVMT MARKERS TP 1	5295.00
654-1003	500	EA	3.78	RAISED PVMT MARKERS TP 3	1890.00
655-5000	3	EA	221.37	PVMT ARROW, THERMOPLASTIC, WITH RAISED REFLECTORS	664.11
657-1054	600	LF	3.51	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	2106.00
657-3054	900	GLF	2.67	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	2403.00
Section Sub Total:					\$592,401.04

Section Bridge Items

Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1	LS	225000.00	REMOVAL OF EXISTING BR, STA NO -	225000.00
627-1010	11520	SF	54.42	MSE WALL FACE, 10 - 20 FT HT, WALL NO -6	626918.40
627-1020	1770	SF	57.85	MSE WALL FACE, 20 - 30 FT HT, WALL NO - 4	102394.50
627-1020	4420	SF	57.85	MSE WALL FACE, 20 - 30 FT HT, WALL NO - 5	255697.00
627-1020	11520	SF	57.85	MSE WALL FACE, 20 - 30 FT HT, WALL NO - 3	666432.00
999-0001	1	Lump Sum	4155000.00	Bridge No. 1 I-75 over US 41	4155000.00
999-0002	1	Lump Sum	1113000.00	Bridge No. 2 I-75 over Mill Creek	1113000.00
Section Sub Total:					\$7,144,441.90

Section Erosion Control Items - Permanent

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	50	AC	802.27	PERMANENT GRASSING	40113.50
700-7000	50	TN	58.90	AGRICULTURAL LIME	2945.00
700-7010	100	GL	18.95	LIQUID LIME	1895.00
700-8000	20	TN	270.01	FERTILIZER MIXED GRADE	5400.20
700-8100	1000	LB	1.58	FERTILIZER NITROGEN CONTENT	1580.00
710-9000	2500	SY	4.41	PERMANENT SOIL REINFORCING MAT	11025.00
Section Sub Total:					\$62,958.70

Section Erosion Control Items - Temporary

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	150	AC	480.39	TEMPORARY GRASSING	72058.50
163-0240	50	TN	196.28	MULCH	9814.00
163-0300	6	EA	1272.08	CONSTRUCTION EXIT	7632.48
163-0503	50	EA	493.20	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	24660.00
163-0530	5000	LF	2.77	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	13850.00
165-0010	25000	LF	1.03	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	25750.00
165-0030	12000	LF	1.20	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	14400.00

165-0070	5000	LF	1.49	MAINTENANCE OF BALED STRAW EROSION CHECK	7450.00
165-0087	6	EA	178.04	MAINTENANCE OF SILT CONTROL GATE, TP 3	1068.24
165-0101	6	EA	429.94	MAINTENANCE OF CONSTRUCTION EXIT	2579.64
167-1000	2	EA	1721.98	WATER QUALITY MONITORING AND SAMPLING	3443.96
167-1500	36	MO	828.44	WATER QUALITY INSPECTIONS	29823.84
171-0010	50000	LF	1.86	TEMPORARY SILT FENCE, TYPE A	93000.00
171-0030	50000	LF	3.21	TEMPORARY SILT FENCE, TYPE C	160500.00
716-2000	2500	SY	1.07	EROSION CONTROL MATS, SLOPES	2675.00
Section Sub Total:					\$468,705.66

Section ITS Items					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
935-0000	1	Lump Sum	500000.00	ITS SYSTEM - COMPLETE	500000.00
Section Sub Total:					\$500,000.00

Section Lighting					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0004	198	SY	45.42	CONC SLOPE PAV, 4 IN	8993.16
500-3101	248	CY	529.28	CLASS A CONCRETE	131261.44
511-1000	28026	LB	0.91	BAR REINF STEEL	25503.66
681-6850	8	EA	603.00	LUMINAIRE, LOW MOUNTING, 150W, HP SODIUM	4824.00
682-1304	800	LF	0.77	CABLE, TP THW, AWG NO 10	616.00
682-3424	16000	LF	6.68	MULT COND CABLE, TP RHW, 2-#2-1-#4	106880.00
682-6110	200	LF	10.90	CONDUIT, RIGID, 1 IN	2180.00
682-6120	500	LF	14.52	CONDUIT, RIGID, 2 IN	7260.00
682-6222	13000	LF	6.41	CONDUIT, NONMETL, TP 2, 2 IN	83330.00
682-9000	Lump	LS	16437.44	MAIN SERVICE PICK UP POINT	16437.44
682-9021	10	EA	1882.77	ELECTRICAL JUNCTION BOX, CONC GROUND MOUNTED	18827.70
683-1101	25	EA	20243.50	LIGHTING TOWER, STEEL, 100 FT MH, INCL LOWERING EQUIP	506087.50
683-6586	100	EA	765.24	HIGH LEVEL LUMINAIRE, TP 5, 1000 W, HP SODIUM	76524.00
Section Sub Total:					\$988,724.90

Subtotal Construction Cost	\$17,819,259.26
E&C Rate 10.0 %	\$1,781,925.93
Inflation Rate 0.0 % @ 0 Years	\$0.00
Total Construction Cost	\$19,601,185.19
Right Of Way	\$1,128,000.00
ReImb. Utilities	\$1,915,510.00
Grand Total Project Cost	\$22,644,695.19

Total Estimated Cost: \$17,819,259.26

ENG/INT/ELING @ 5% 890,963

CONTR/GEN/EL @ 6% 1,122,613

TOTAL CONST COST 19,832,835 ←

R/W - 1,128,000

LEIMB UTIL. - 1,915,510

TOTAL PROJECT COST - 22,876,345 ←

DDP
6/12/08

NOTICE OF LOCATION AND DESIGN APPROVAL

NHS00-0000-00(931), Whitfield County
P.I. 0000931

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 JUNE 12, 2008.

Project NHS00-0000-00(931) lies entirely in Whitfield County along the northern limits of the City of Dalton. The project limits along I-75 are from MP 335.12 to MP 336.11. The project limits along SR 3/US 41/US 76 are from MP 20.2 to MP 20.9. This project is located in Land District 12 and GMD 872.

This project consists of the reconstruction of the I-75 at SR 3/US 41/US 76 (Rocky Face) interchange located in Whitfield County. This interchange will be reconfigured as a partial cloverleaf with loop ramps located in the northeast and southwest quadrants. Also included, as part of this project, is the widening of I-75 to accommodate a future travel lane and shoulder. The I-75 bridge over SR 3/US 41/US 76 will be replaced and the I-75 bridge over Mill Creek will be widened as part of this project. The northbound and southbound exit ramps will be reconstructed and a collector-distributor ramp will be added parallel to each side of I-75. The northbound and southbound entrance ramps will be reconstructed to accommodate the reconfigured exit ramp geometry. To improve capacity, SR 3/US 41/US 76 will be widened with an additional lane in each direction. The traffic signals on SR 3/US 41/US 76 at Tibbs Road, Shugart Drive and I-75 northbound and southbound entrance ramps will be modified. The posted speed limit along I-75 is 70 mph and the posted speed limit along SR 3/US 41/US 76 is 45 mph. The Average Daily Traffic (ADT) along I-75 has been projected to be 69,441 in 2012 and 84,718 in 2032 with 35 percent trucks. The Average Daily Traffic (ADT) along SR 3/US 41/US 76 has been projected to be 44,747 in 2012 and 52,569 in 2032 with 7 percent trucks.

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 3 Engineer
Devon Brooks
dbrooks@dot.ga.gov
1313 North Tibbs Road,
Dalton, GA 30720
(706) 272-2211

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:

Nicoe Alexander
nialexander@dot.ga.gov
Georgia Department of Transportation
No. 2 Capitol Square, S.W.,
Atlanta, GA 30334
(404) 463-6135

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.