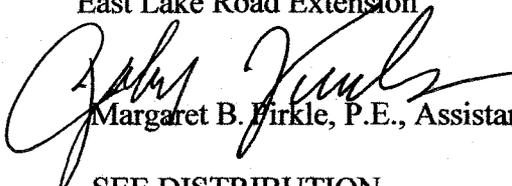


ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0004645, Henry County **OFFICE** Preconstruction
MSL-0004-00(645)
East Lake Road Extension **DATE** June 27, 2006

FROM  Margaret B. Finkle, P.E., 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 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

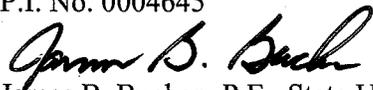
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**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE MSL-0004-00(645) Henry County OFFICE Urban Design
East Lake Rd Extension from Springdale Rd to SR 155
P.I. No. 0004645 DATE June 20, 2006

FROM: 
James B. Buchan, P.E., State Urban Design Engineer

TO: Meg Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT **Request for Location and Design Approval**

Description and Project Proposal: The East Lake Road Extension, Project MSL-0004-00(645), will help to provide Henry County with an East-West corridor between the Kelleytown Area and Eagles Landing/I-75. In addition, it will also provide access from the eastern portion of the county to Henry General Hospital. Henry County currently has a new location project on Eagles Landing Parkway/East Lake Road from SR 42 to Springdale Road. This project will pick up at Springdale Road where the Henry County project ends and continue on new location to SR 155 at East Lake Road. Also included in this project is the upgrade of the East Lake Road/State Route 155 Intersection including the lengthening of the right turn lane into the high school on East Lake Road east of the 155 intersection.

The proposed roadway is approximately 2.0 miles on mostly new location using a 4-lane typical section with a 20-foot raised median and rural 10-foot shoulders. 6.5 feet of the shoulders are paved and include rumble strips. The paved shoulder behind the rumble strips would be used for a bike lane. The project is located in Henry County east of the city of Stockbridge. A 45 mile per hour speed design is proposed and the road will meet current AASHTO guidelines.

Other projects in the area include the widening of Eagles Landing Parkway from Eagles Point Parkway to SR 42 from 2 lanes to 4 lanes, STP-0002-00(638), and the Henry County East Lake Road Extension Phase I project. These projects combined with East Lake Road Extension Phase 2 will form one continuous 4-lane facility from I-75 to SR 155.

Concept Approval Date: April 14, 2004

Concept Update: None

Environmental Assessment and Reassessment Approval Date: November 16, 2005 and June 14, 2006

Public Involvement: A Public Information Open House (PIOH) was held on March 10, 2005 at Union Grove High School in McDonough, Georgia. One hundred ninety people attended, of which 33 comment forms, no letters, and one verbal statement were received. An additional 19 comments were received during the ten-day comment period for a total of 53 comments.

The major concerns were the consideration of more median cuts from Price Quarters Road to SR 155 to provide access to residences and businesses, the inclusion of a stop sign or traffic signal at the intersection of Springdale Road, and to start the project as soon as possible because it is long overdue.

The result from the comments was that Henry County would conduct a traffic study to examine the best location for an additional median break between Price Quarters Road and SR 155. It was determined to place the median break in front of the Kroger Shopping Center entrance to allow for truck access. The traffic signal at Springdale Road is also included with this project.

All of the concerns raised during the public comment period were either answered at the public hearing or sent to the appropriate office for further attention. Subsequent to the comment period, all written comments were addressed with a letter response to comments.

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

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

RECOMMEND: Buddy H
Director of Preconstruction

APPROVE: O. E. Thibault 7/5/06
Chief Engineer Date of Approval

Attachments:

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

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. MSL-0004-00(645)

P.I. No. 0004645

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.

This project consists of constructing East Lake Road between Springdale Drive and SR 155 to provide an East-West corridor for Henry County between the Kelleytown Area and Eagles Landing/I-75 when joined with other construction projects in the area. The project is located in Henry County, in the 7th and 11th Land Districts and in G.M.D. 1477 and 498.

Date of Location Approval: JUNE 27, 2006

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

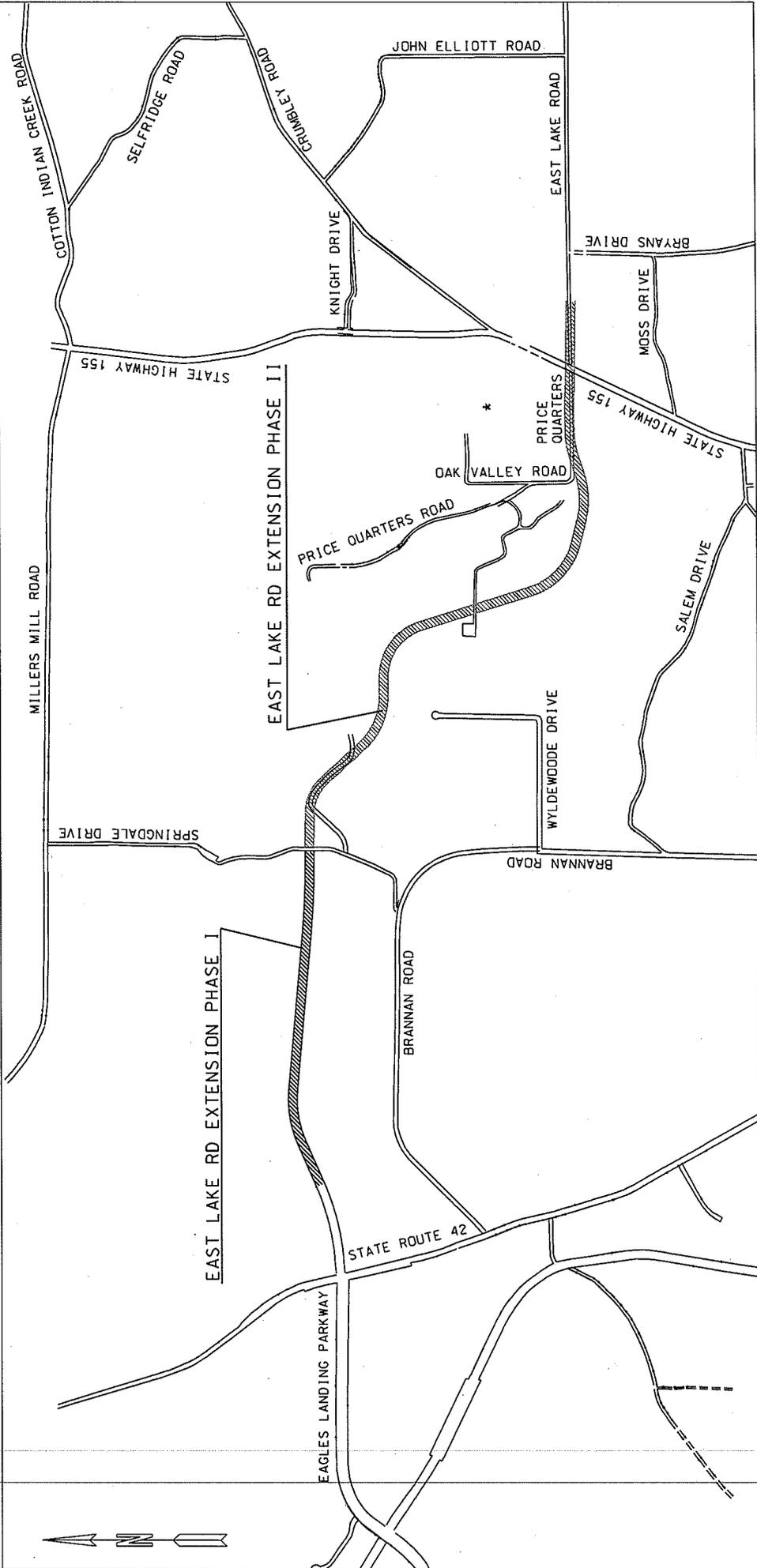
David Coleman
Area Engineer
Email: david.coleman@dot.state.ga.us
1001 Highway 19 South
Griffin GA 30224
770-412-4068

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:

James B. Buchan, P.E.
Office of Urban Design
Email: james.buchan@dot.state.ga.us
Georgia Department of Transportation
No. 2 Capitol Square
Atlanta, Georgia 30334
404-656-5436

Any written request or communication in reference to this project or notice SHOULD include the PROJECT and P.I. NUMBER as noted at the top of this notice.

EAST LAKE ROAD EXTENSION PHASE II
MSL-0004-00(645) HENRY COUNTY



PRELIMINARY COST ESTIMATE

DATE: May 17, 2005 PREPARED BY: Qk4

PROJECT NO.: MSL-0004-00(645)

P.I. NO.: 0004645

PROJECT DESCRIPTION: Begin at intersection of Springdale Drive and Phase 1 of East Lake Road Extension and continue on mostly new location to the intersection of East Lake Road at SR 155. From SR 155 add right turn lane to existing East Lake Road down to the high school.

PROPOSED CONCEPT: Construct four 12' travel lanes with a 20' raised median and 10' rural shoulders from Springdale Drive to just past Price Quarters Road. From Price Quarters Road to SR 155 the shoulder changes to a 14' urban shoulder that includes 2.5' curb and gutter and an 8' sidewalk on both sides.

EXISTING ROADWAY: N/A

TRAFFIC: Existing: 9450 ADT (2007) Design: 20,850 ADT (2027)

PROGRAMMING PROCESS CONCEPT DEVEL. DURING PROJ DEVEL.

Estimate Report for file "East Lake Road - Preliminary"

Section Paving					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	200000.00	TRAFFIC CONTROL - MSL-0004-00(645)	200000.00
153-1300	1	EA	51009.51	FIELD ENGINEERS OFFICE TP 3	51009.51
201-1500	1	LS	400000.00	CLEARING & GRUBBING - MSL-0004-00(645)	400000.00
205-0001	244000	CY	11.86	UNCLASS EXCAV	2893840.00
206-0002	15000	CY	10.52	BORROW EXCAV, INCL MATL	157800.00
441-0104	10500	SY	28.95	CONC SIDEWALK, 4 IN	303975.00
441-0740	850	SY	31.75	CONCRETE MEDIAN, 4 IN	26987.50
441-6222	1100	LF	18.36	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	20196.00
441-6740	21200	LF	18.36	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	389232.00
456-2012	4	GLM	817.88	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	3271.52
Section Sub Total:					\$4,446,311.53

Section Paving, Shoulder, Full Depth					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	46200	TN	21.00	GR AGGR BASE CRS, INCL MATL	970200.00
318-3000	250	TN	23.54	AGGR SURF CRS	5885.00
402-1812	500	TN	83.02	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	41510.00
402-3121	13600	TN	76.02	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	1033872.00
402-3130	7400	TN	85.07	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	629518.00
402-3190	7800	TN	77.04	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	600912.00
413-1000	9000	GL	5.55	BITUM TACK COAT	49950.00
Section Sub Total:					\$3,331,847.00

Section Guardrail					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
634-1200	35	EA	245.60	RIGHT OF WAY MARKERS	8596.00
641-1200	3600	LF	21.26	GUARDRAIL, TP W	76536.00
641-5001	12	EA	765.04	GUARDRAIL ANCHORAGE, TP 1	9180.48
641-5012	12	EA	2387.17	GUARDRAIL ANCHORAGE, TP 12	28646.04
643-8103	1600	LF	3.80	BARBED WIRE FENCE, 3 STRAND	6080.00
Section Sub Total:					\$129,038.52

Section Drainage					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	400	CY	44.87	FOUND BK FILL MATL, TP II	17948.00
500-3107	1000	CY	412.40	CLASS A CONCRETE, RETAINING WALL	412400.00
500-3800	100	CY	687.78	CLASS A CONCRETE, INCL REINF STEEL	68778.00
500-9999	60	CY	471.68	CLASS B CONC, BASE OR PVMT WIDENING	28300.80
513-9000	1	Lump Sum	87762.50	PRECAST CONC. ARCH CULVERT	87762.50
550-1180	1900	LF	55.42	STORM DRAIN PIPE, 18 IN, H 1-10	105298.00
550-1181	150	LF	58.10	STORM DRAIN PIPE, 18 IN, H 10-15	8715.00
550-1240	50	LF	56.89	STORM DRAIN PIPE, 24 IN, H 1-10	2844.50
550-1300	360	LF	68.34	STORM DRAIN PIPE, 30 IN, H 1-10	24602.40
550-1301	310	LF	71.47	STORM DRAIN PIPE, 30 IN, H 10-15	22155.70
550-1421	150	LF	123.18	STORM DRAIN PIPE, 42 IN, H 10-15	18477.00
550-1966	190	LF	400.00	STORM DRAIN PIPE, 96 IN, H 35-40	76000.00
550-2180	9700	LF	43.85	SIDE DRAIN PIPE, 18 IN, H 1-10	425345.00
550-2240	80	LF	49.22	SIDE DRAIN PIPE, 24 IN, H 1-10	3937.60
550-3618	42	EA	748.32	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	31429.44
550-3624	4	EA	1086.36	SAFETY END SECTION 24 IN, SIDE DRAIN, 6:1 SLOPE	4345.44
550-4218	8	EA	633.08	FLARED END SECTION 18 IN, STORM DRAIN	5064.64
550-4224	2	EA	736.97	FLARED END SECTION 24 IN, STORM DRAIN	1473.94

550-4230	8	EA	994.97	FLARED END SECTION 30 IN, STORM DRAIN	7959.76
550-4242	2	EA	1511.21	FLARED END SECTION 42 IN, STORM DRAIN	3022.42
668-1100	24	EA	2199.64	CATCH BASIN, GP 1	52791.36
Section Sub Total:					\$1,408,651.50

Section Permanent Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0240	520	TN	310.62	MULCH	161522.40
441-0204	600	SY	62.03	PLAIN CONC DITCH PAVING, 4 IN	37218.00
603-2024	1000	SY	82.91	STN DUMPED RIP RAP, TP 1, 24 IN	82910.00
603-2181	500	SY	75.00	STN DUMPED RIP RAP, TP 3, 18 IN	37500.00
603-7000	1500	SY	6.20	PLASTIC FILTER FABRIC	9300.00
700-6910	60	AC	734.56	PERMANENT GRASSING	44073.60
700-7000	30	TN	72.48	AGRICULTURAL LIME	2174.40
700-7010	80	GL	17.43	LIQUID LIME	1394.40
700-8000	20	TN	339.38	FERTILIZER MIXED GRADE	6787.60
700-8100	1500	LB	2.30	FERTILIZER NITROGEN CONTENT	3450.00
710-9000	4000	SY	5.52	PERMANENT SOIL REINFORCING MAT	22080.00
715-2200	8000	SY	2.12	BITUMINOUS TREATED ROVING, WATERWAYS	16960.00
716-2000	38000	SY	1.07	EROSION CONTROL MATS, SLOPES	40660.00
Section Sub Total:					\$466,030.40

Section Temporary Erosion Control					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	40	AC	632.74	TEMPORARY GRASSING	25309.60
163-0300	4	EA	1725.66	CONSTRUCTION EXIT	6902.64
163-0503	11	EA	441.00	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	4851.00
163-0530	3000	LF	5.61	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	16830.00
163-0531	9	EA	6263.84	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	56374.56
163-0550	24	EA	340.36	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	8168.64
167-1000	6	EA	3110.78	WATER QUALITY MONITORING AND SAMPLING	18664.68
171-0010	11000	LF	3.17	TEMPORARY SILT FENCE, TYPE A	34870.00
171-0030	5500	LF	5.61	TEMPORARY SILT FENCE, TYPE C	30855.00
Section Sub Total:					\$202,826.12

Section Erosion Control Maintenance					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
165-0010	5500	LF	1.02	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	5610.00
165-0030	2800	LF	1.19	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	3332.00
165-0060	9	EA	1082.46	MAINTENANCE OF TEMPORARY SEDIMENT BASIN, STA NO -	9742.14
165-0070	3000	LF	4.67	MAINTENANCE OF BALED STRAW EROSION CHECK	14010.00
165-0087	11	EA	170.22	MAINTENANCE OF SILT CONTROL GATE, TP 3	1872.42
165-0101	4	EA	4681.42	MAINTENANCE OF CONSTRUCTION EXIT	18725.68
165-0105	24	EA	312.10	MAINTENANCE OF INLET SEDIMENT TRAP	7490.40
Section Sub Total:					\$60,782.64

Section Striping					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	150	SF	36.30	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	5445.00
636-1031	50	SF	52.15	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	2607.50
636-2070	500	LF	9.43	GALV STEEL POSTS, TP 7	4715.00
636-2090	150	LF	10.49	GALV STEEL POSTS, TP 9	1573.50
647-1000	2	LS	75000.00	TRAFFIC SIGNAL INSTALLATION NO -	150000.00
				THERMOPLASTIC PVMT MARKING, ARROW, TP	

653-0120	50	EA	62.30	2		3115.00
653-0170	12	EA	78.02	7	THERMOPLASTIC PVMT MARKING, ARROW, TP	936.24
653-0210	25	EA	100.13		THERMOPLASTIC PVMT MARKING, WORD, TP 1	2503.25
653-1501	31000	LF	0.39		THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	12090.00
653-1502	31000	LF	0.39		THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	12090.00
653-1704	250	LF	5.75		THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1437.50
653-3501	500	GLF	0.28		THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	140.00
653-4501	4	GLM	700.13		THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	2800.52
653-6004	2600	SY	3.45		THERMOPLASTIC TRAF STRIPING, WHITE	8970.00
653-6006	1500	SY	4.03		THERMOPLASTIC TRAF STRIPING, YELLOW	6045.00
654-1001	50	EA	5.75		RAISED PVMT MARKERS TP 1	287.50
654-1002	164	EA	5.75		RAISED PVMT MARKERS TP 2	943.00
654-1003	236	EA	5.75		RAISED PVMT MARKERS TP 3	1357.00
Section Sub Total:						\$217,056.01

Total Estimated Cost: \$10,262,543.72

Subtotal Construction Cost \$10,262,543.72

E&C Rate 10.0 % \$1,026,254.37

Inflation Rate 0.0 % @ 0.0 Years \$0.00

Total Construction Cost \$11,288,798.09

Right Of Way \$7,000,000.00

ReImb. Utilities \$1,000,000.00

Grand Total Project Cost \$19,288,798.09