

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P.I. Nos. 752970-/0007014/S007228, Fulton County **OFFICE** Preconstruction  
BRSLB-9407(1)/CSSTP-0007-00(014)/PRC10-S007-00(228)  
Bridge Replacement-CR 1332/Old Roswell Road/Rock Mill Road  
Over Foe Killer Creek **DATE** May 17, 2006

**FROM** *C. John Kunk*  
Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** *Koi* 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.

MBP/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keeper  
Jamie Simpson  
Paul Liles  
Keith Golden  
Ken Thompson  
Joe Palladi (file copy)  
Babs Abubakari  
Bryant Poole  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** BRSLB-9407(1)/CSSTP-0007-00(014)/PRC10-S007-00(228), Fulton County  
P.I. #'s 752970/0007014/S007228  
Old Roswell Road Bridge Replacement over Foe Killer Creek/CR 1332/Old Roswell Road @ CR 2227/Mansell Road & Rock Mill Road (Westside Parkway)

**OFFICE:** Preconstruction,  
District 7  
Chamblee/Metro

*Keith Murphy for*  
**FROM:** Mike Lobdell, District Preconstruction Engineer

**DATE:** 05/15/06

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

**SUBJECT:** *Request for Location and Design Approval*

Attached is a Request for Location and Design Approval for your further handling for approval in accordance with the PDP.

If you have any questions in regards to this concept, please contact Keith Murphy or Chris Woods at (404) 463-4947.

ML:CW:km

cc: File

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: BRSLB-9407(1)/CSSTP-0007-00(014)/PRC10-S007-00(228) OFFICE: District # 7

Fulton County

P. I. No. 752970/000714/S007228

DATE: May 15, 2006

FROM: Mike Lobdell, District Preconstruction Engineer

TO: Margaret B. Prikle, Assistant Director of Preconstruction

SUBJECT: **Request for Location and Design Approval**

**Description and Project Proposal:** To replace the existing structurally deficient and functionally obsolete bridge over Foe Killer Creek on Old Roswell Road/Rock Mill Road (CR 1332) with a new 3 –Span bridge, 89.58 ft. wide and 134 ft. long, consisting of standard AASHTO Type III Pre-Stressed Concrete Beams and AASHTO Type I modified Pre-Stressed Concrete Beams on the existing horizontal alignment. The proposed bridge will provide four 12 ft. travel lanes, divided by a 20 ft. raised median, with a 6 ft. sidewalk on the east side and a 9.17 ft. sidewalk on the Westside in order to maintain existing traffic operations (one lane in each direction) during construction. Also, widen Old Roswell Road/Rock Mill Road(Westside Parkway) to provide four lane divided by a 20 ft. raised median with 16 ft. urban shoulder from just south of Mansell Road to Sanctuary Parkway (to the existing four lane divided urban roadway). Relocate Old Roswell Road to provide two 12-ft. lanes, divided by a 12-ft. flush median with 16-ft. urban shoulder on each side. Improve Old Roswell Rd and Mansell Rd Intersection by providing three through lanes, separate right turn lanes and for future Dual Left Turn traffic operations on all approaches. A 5-ft. sidewalk will be provided on each side of the improved roadways. An appropriate length of Turn Lanes will be provided at all Signalized Intersections. An existing Traffic Signal on Old Roswell Road/Mansell Road, Old Roswell Road /Colonial Parkway will be upgraded and a New Traffic Signal will be installed at the Intersection of relocated Old Roswell Road and Old Roswell Road/Rock Mill Road (CR 1332).

**Project No. BRSLB-9407(1):**

Replace the existing structurally deficient and functionally obsolete bridge over Foe Killer Creek on Old Roswell Road/Rock Mill Road (CR 1332) with a new 3 –Span bridge, 89.58 ft. wide and 134 ft. long, consisting of standard AASHTO Type III Pre-Stressed Concrete Beams and AASHTO Type I modified Pre-Stressed Concrete Beams on the existing horizontal alignment.

Widen Old Roswell Road/Rock Mill Road (CR 1332) from Mansell Road to just south of North Hampton road to provide a four lane roadway, divided by a 20 ft. raised median and a 16 ft. urban shoulder on each side.

As part of the project approximately 1000 ft. of Old Roswell Road will be relocated 500 ft. north from the existing intersection to provide an improved intersection with Rock Mill Road. Relocated Old Roswell Road will provide two 12-ft. lanes, divided by a 12-ft. flush median with a 16-ft. urban shoulder on each side.

A 5-ft. sidewalk will be provided on each side of the improved roadways. An appropriate length of Turn Lanes will be provided at all Signalized Intersections. An existing Traffic Signal on Old Roswell Road /Colonial Parkway will be upgraded and a New Traffic Signal will be installed at the Intersection of relocated Old Roswell Road and Old Roswell Road/Rock Mill Road (CR 1332).

**Project: PRC10-S0007-00(228):**

The City of Alpharetta will complete Phase III of Rock Mill Road (Westside Parkway ) by providing a four lane divided by a 20 ft. raised median with a 16 ft. urban shoulder on each side from just south of North Hampton Road to Sanctuary Parkway (to existing four lane divided urban roadway). It also includes a 221 ft. long Double 6 ft. X 6 ft. Concrete Box Culvert 200 over Tributary of Foe Killer Creek

**Project: CSSTP-0007-00(014):**

The City of Roswell and the City of Alpharetta, will improve the Old Roswell Road and Mansell Road Intersection by providing for future Dual Left Turn traffic operations on all approaches. The proposed improvement will also provide three through lanes in each direction on Mansell Road and separate Right Turn Lanes on all approaches. Further the existing Traffic Signal will be upgraded.

When completed, these three projects, will provide Old Roswell Road/Rock Mill Road(Westside Parkway) as a four lane divided urban roadway, from just south of Mansell Road to Sanctuary Parkway (to existing four lane divided urban roadway), including a new bridge over Foe Killer Creek; a 221 ft. long Double 6 ft. X 6 ft. Concrete Box Culvert over Tributary of Foe Killer Creek; relocated Old Roswell Road and an improved intersection at Old Roswell Road and Mansell Road.

**Concept Approval Date:** July 13, 2005

**Concept Update:** None

**Environmental Assessment and Reassessment Approval Date:** February 17, 2006

**Public Involvement:** Public Information Open House meeting was held on January 27, 2005

Hearing Results:

- No Public hearing was required.

total of ten comments. Nine were in support and one conditional One comment to include bike lane or at minimum widen the pavement to allow for bicycles.

**Consistency with Approved Planning:**

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

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

RECOMMEND: Buddy A  
Director of Preconstruction

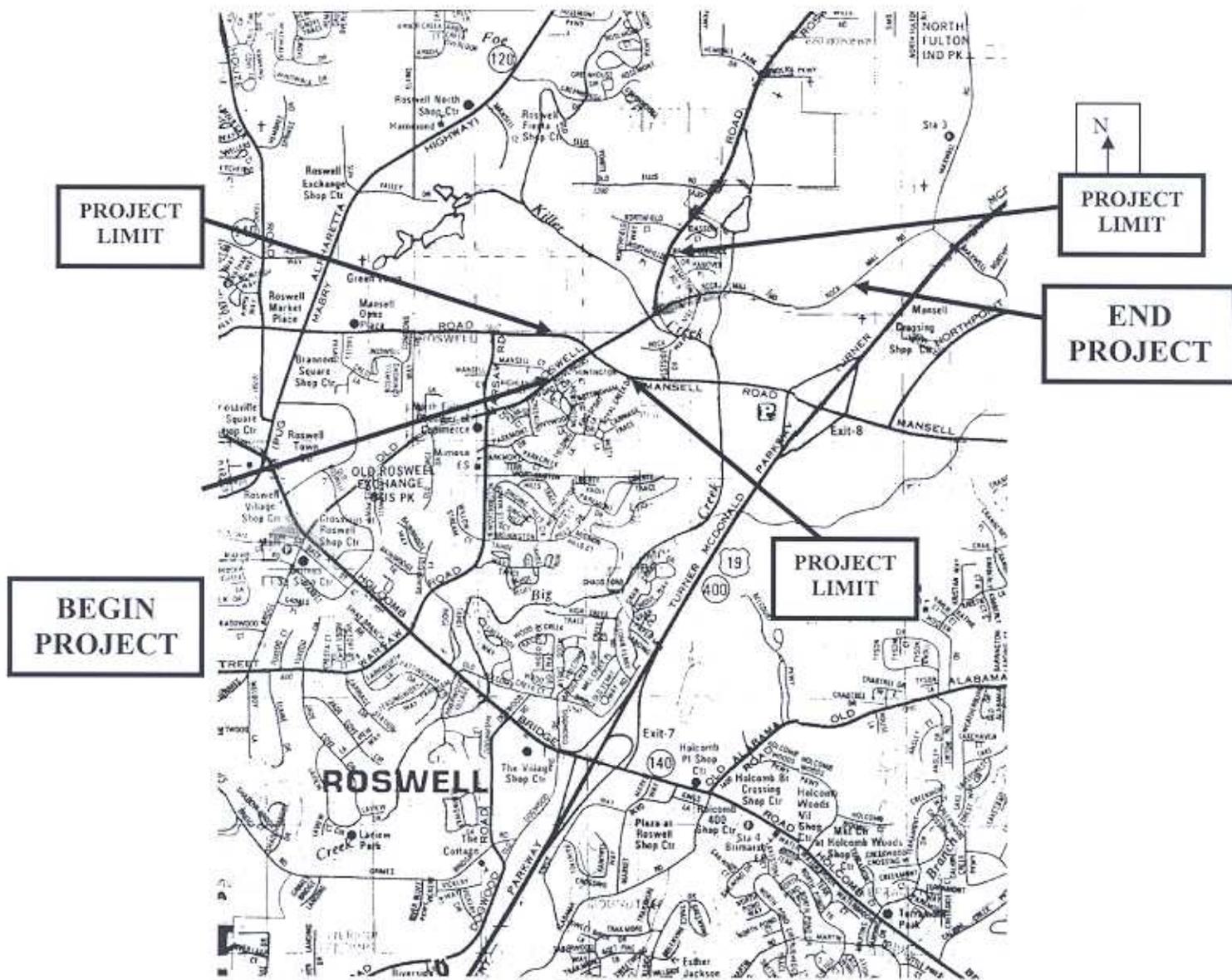
APPROVE: D J S / [Signature]  
Chief Engineer

5/12/06  
Date of Approval

**Attachments:**

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

# LOCATION MAP





PROJECT COST ESTIMATE	ITEM #	ITEM	UNIT	UNIT COST	QUANTITY CONTRACT#1	QUANTITY CONTRACT#2	QUANTITY CONTRACT#3	QUANTITY CONTRACT#1	QUANTITY CONTRACT#2	QUANTITY CONTRACT#3	QUANTITY TOTAL	COST CONTRACT #1	COST CONTRACT #2	COST CONTRACT #3	COST TOTAL
	185-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	\$1.60	1980	2200	4160				4160	\$3,136.00	\$3,520.00	\$6,656.00	
	185-0070	MAINTENANCE OF BALED STRAW EROSION CHECK	LF	\$2.80	0	0	0	400	0	0	400	\$1,120.00	\$0.00	\$1,120.00	
	185-0087	MAINTENANCE OF SILT CONTROL GATE, TP 3	EA	\$213.00	0	0	0	1	0	0	1	\$213.00	\$0.00	\$213.00	
	185-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	\$483.00	0	0	0	2	0	0	2	\$966.00	\$0.00	\$966.00	
	185-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	\$117.00	19	29	71	23	0	0	71	\$2,223.00	\$3,393.00	\$8,307.00	
	187-1000	WATER QUALITY MONITORING AND SAMPLING	EA	\$1,085.00	0	0	0	2	0	0	2	\$2,170.00	\$0.00	\$2,170.00	
	171-0910	TEMPORARY SILT FENCE, TYPE A	LF	\$2.45	710	1650	3010	650	0	0	1650	\$1,759.50	\$4,047.50	\$5,807.00	
	171-0930	TEMPORARY SILT FENCE, TYPE B	LF	\$3.75	0	2200	4160	1980	0	0	4160	\$7,350.00	\$8,250.00	\$15,600.00	
		SIGNING & MARKINGS													
	638-1020	HIGHWAY SIGNS, TP 1 MATL, REF. SHEETING, TP 3	SF	\$17.20	40	40	120	40	0	0	120	\$688.00	\$688.00	\$2,064.00	
	638-1031	HIGHWAY SIGNS, TP 1 MATL, REF. SHEETING, TP 6	SF	\$20.60	46	46	138	46	0	0	138	\$947.60	\$947.60	\$2,842.80	
	638-2070	GALV STEEL POSTS, TP 7	LF	\$10.50	134	47	205	74	0	0	205	\$1,407.00	\$493.50	\$1,900.50	
	638-2080	GALV STEEL POSTS, TP 8	LF	\$11.70	185	48	358	185	0	0	358	\$2,176.20	\$561.60	\$4,200.30	
	638-3010	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	EA	\$509.00	0	0	0	2	0	0	2	\$1,018.00	\$0.00	\$1,018.00	
	638-0120	THERMOPLASTIC PAVT MARKING, ARROW, TP 2	EA	\$73.00	47	14	85	24	0	0	85	\$3,431.00	\$1,022.00	\$6,205.00	
	638-0130	THERMOPLASTIC PAVT MARKING, ARROW, TP 3	EA	\$83.00	1	0	0	0	0	0	1	\$83.00	\$0.00	\$83.00	
	638-0170	THERMOPLASTIC PAVT MARKING, ARROW, TP 7	EA	\$24.00	0	0	0	3	0	0	3	\$72.00	\$0.00	\$72.00	
	638-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	\$0.65	7400	8200	22760	1160	0	0	22760	\$14,810.00	\$4,510.00	\$19,320.00	
	638-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	\$0.65	5400	7210	16080	5550	0	0	16080	\$10,455.00	\$3,918.00	\$14,373.00	
	638-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	\$4.60	365	160	833	305	0	0	833	\$1,079.00	\$1,403.00	\$2,482.00	
	638-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	\$2.05	4255	2195	10650	4150	0	0	10650	\$8,507.50	\$4,499.75	\$13,007.25	
	638-3301	THERMOPLASTIC SKP TRAF STRIPE, 6 IN, WHITE	GLF	\$0.45	7405	7050	16460	4005	0	0	16460	\$3,332.25	\$1,172.25	\$4,504.50	
	638-3302	THERMOPLASTIC SKP TRAF STRIPE, 6 IN, YELLOW	GLF	\$0.25	200	0	1500	1300	0	0	1500	\$375.00	\$0.00	\$375.00	
	638-6004	THERMOPLASTIC TRAF STRIPING, WHITE	SV	\$3.50	2625	110	3105	370	0	0	3105	\$9,157.50	\$385.00	\$9,542.50	
	638-6008	THERMOPLASTIC TRAF STRIPING, YELLOW	SV	\$3.20	70	40	130	20	0	0	130	\$224.00	\$128.00	\$352.00	
	654-1001	RAISED PAVT MARKERS TP 1	EA	\$4.50	14	10	51	27	0	0	51	\$229.50	\$45.00	\$274.50	
	654-1003	RAISED PAVT MARKERS TP 3	EA	\$4.25	320	118	624	185	0	0	624	\$2,652.00	\$501.50	\$3,153.50	
	657-1054	PREFORMED PLASTIC SOLID PAVT MKG, 5 IN, WHITE, TP PB	EA	\$4.40	0	0	300	0	0	0	300	\$1,320.00	\$0.00	\$1,320.00	
	657-3054	PREFORMED PLASTIC SKP PAVT MKG, 6 IN, WHITE, TP PB	GLF	\$2.75	0	0	520	0	0	0	520	\$1,430.00	\$0.00	\$1,430.00	
	657-6054	PREFORMED PLASTIC SOLID PAVT MKG, 5 IN, YELLOW, TP PB	LF	\$4.40	0	0	460	0	0	0	460	\$2,024.00	\$0.00	\$2,024.00	
		TRAFFIC SIGNALIZATION													
	639-4004	STRAIN POLE, TP IV	EA	\$4,995.00	4	0	0	0	0	0	4	\$19,980.00	\$39,960.00	\$59,940.00	
	647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1 - MANSELL ROAD @ OLD ROSWELL ROAD	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	\$100,000.00	\$0.00	\$100,000.00	
	647-1000	TRAFFIC SIGNAL INSTALLATION NO. 2 - COLONIAL PARKWAY @ OLD ROSWELL ROAD	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	\$40,000.00	\$0.00	\$40,000.00	
	647-1000	TRAFFIC SIGNAL INSTALLATION NO. 3 - ROCK MILL ROAD @ SANCTUARY PARKWAY	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	\$40,000.00	\$0.00	\$40,000.00	
	647-1000	TRAFFIC SIGNAL INSTALLATION NO. 4 - COLONIAL PARKWAY	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	\$100,000.00	\$0.00	\$100,000.00	
	647-1000	TRAFFIC SIGNAL INSTALLATION NO. 5 - MANSELL ROAD @ KINGS WOOD PL	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	\$100,000.00	\$0.00	\$100,000.00	
	647-1000	TRAFFIC SIGNAL INSTALLATION NO. 6 - OLD ROSWELL ROAD @ ROCK MILL ROAD	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	\$40,000.00	\$0.00	\$40,000.00	
	835-4010	FIBER OPTIC SPLICE, FUSION	EA	\$70.00	0	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	
	835-4051	EXTERNAL TRANSCIVER, DROP AND REPEAT, 1300 M.A. TIMCOE (SIGNAL JOBS)	EA	\$1,067.00	0	0	0	0	0	0	0	\$0.00	\$0.00	\$0.00	
		BRIDGE OVER FOE KILLER CREEK	SF	\$60.00	0	0	11680	0	0	0	11680	\$700,800.00	\$0.00	\$700,800.00	
		RETAINING WALLS	LS	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	LUMP SUM	\$100,000.00	\$100,000.00	\$200,000.00	
		SUBTOTAL													
		CONTINGENCY 10 %										\$2,742,816.10	\$0.00	\$2,742,816.10	
		SUBTOTAL CONST. COST										\$3,017,007.71	\$3,342,679.88	\$6,359,687.59	
		ESTIMATED CONSTRUCTION COST										\$3,018,000.00	\$3,343,000.00	\$6,361,000.00	
		E & C @ 10 %										\$301,800.00	\$334,300.00	\$636,100.00	
		INFLATION RATE 5% / YR										\$160,900.00	\$167,150.00	\$328,050.00	
		RIGHT OF WAY COST										\$325,000.00	\$1,000,000.00	\$1,325,000.00	
		REBURSIBLE UTILITY COST										TBD	TBD	TBD	
		TOTAL PROJECT COST										\$3,795,700.00	\$4,844,450.00	\$8,640,150.00	
												\$3,715,050.00	\$3,715,050.00	\$7,430,100.00	

As part of the project approximately 1000 ft. of Old Roswell Road will be relocated 500 ft. north from the exiting intersection to provide an improved intersection with Rock Mill Road. Relocated Old Roswell Road will provide two 12-ft. lanes, divided by a 12-ft. flush median with a 16-ft. urban shoulder on each side.

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Project: PRC10-S0007-00(228):

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Project: CSSTP-0007-00(014):

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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:

**Jeff Woodward**  
**Email: [jeff.woodward@dot.state.ga.us](mailto:jeff.woodward@dot.state.ga.us)**  
**Georgia Department of Transportation - Area 2**  
**862 Barnes Mill Road**  
**Marietta, GA 30062**  
**(770) 528-3238**

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:

**Mr. Stuart Moring, P.E.,  
Interim Director  
Department of Transportation  
City of Roswell  
Email: [smoring@ci.roswell.ga.us](mailto:smoring@ci.roswell.ga.us)  
38 Hill Street  
Suite "G"  
Roswell, Georgia 30075  
Telephone: (770)594-6420**

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.

**NOTICE OF LOCATION AND DESIGN APPROVAL**  
**BRSLB-9407(1)/CSSTP-0007-00(014)/PRC10-S007-00(228)**  
**FULTON COUNTY**  
**PI # 752970/0007014/S007228**

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 May 17, 2006

Project BRSLB-9407(1)/CSSTP-0007-00(014)/PRC10-S007-00(228) is located within Georgia Militia District 1, Land district 1, Land Lot 543, 544, 559, 560, 590, 591, 592, 606, 607 and 639 and is to replace the existing structurally deficient and functionally obsolete bridge over Foe Killer Creek on Old Roswell Road/Rock Mill Road (CR 1332) with a new 3 -Span bridge, 89.58 ft. wide and 134 ft. long, consisting of standard AASHTO Type III Pre-Stressed Concrete Beams and AASHTO Type I modified Pre-Stressed Concrete Beams on the existing horizontal alignment. The proposed bridge will provide four 12 ft. travel lanes, divided by a 20 ft. raised median, with a 6 ft. sidewalk on the east side and a 9.17 ft. sidewalk on the Westside in order to maintain existing traffic operations (one lane in each direction) during construction. Also, widen Old Roswell Road/Rock Mill Road(Westside Parkway) to provide four lane divided by a 20 ft. raised median with 16 ft. urban shoulder from just south of Mansell Road to Sanctuary Parkway (to the existing four lane divided urban roadway). Relocate Old Roswell Road to provide two 12-ft. lanes, divided by a 12-ft. flush median with 16-ft. urban shoulder on each side. Improve Old Roswell Rd and Mansell Rd Intersection by providing three through lanes, separate right turn lanes and for future Dual Left Turn traffic operations on all approaches. A 5-ft. sidewalk will be provided on each side of the improved roadways. An appropriate length of Turn Lanes will be provided at all Signalized Intersections. An existing Traffic Signal on Old Roswell Road/Mansell Road, Old Roswell Road /Colonial Parkway will be upgraded and a New Traffic Signal will be installed at the Intersection of relocated Old Roswell Road and Old Roswell Road/Rock Mill Road (CR 1332).

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Widen Old Roswell Road/Rock Mill Road (CR 1332) from Mansell Road to just south of North Hampton road to provide a four lane roadway, divided by a 20 ft. raised median and a 16 ft. urban shoulder on each side.