

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0000198, Fulton County **OFFICE** Preconstruction
STP-0000-00(198)
SR 9 in Roswell at Oxbo Street **DATE** March 2, 2006

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

TO *MBP* SEE DISTRIBUTION

SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

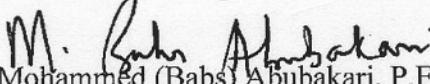
Brian Summers
Harvey Keeper
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Babs Abubakari
Bryant Poole
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENTAL CORRESPONDENCE

FILE STP-0000-00(198) Fulton County OFFICE Consultant Design
P.I. No.: 0000198
SR 9 In Roswell @ Oxbo Street DATE: February 13, 2006

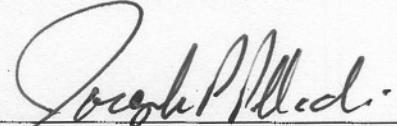
FROM:  Mohammed (Babs) Abubakari, P.E., State Consultant Design Engineer
TO: Meg Pirkle, P.E., Assistant Director of Preconstruction
SUBJECT: **Revised Project Concept Report**

Attached is the original copy of the revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

The typical section has been changed since the concept was originally submitted and approved. The original typical section consisted of two 12-ft through lanes in each direction, a raised center median with left-turn lanes and curb and gutter and 5-ft sidewalks on each side of the roadway. The revised concept typical section consists of two 11-ft through lanes in each direction, a raised center median with left-turn lanes and curb and gutter and 5-ft sidewalks on each side of the roadway. Additionally, the City desires that street trees to be placed along the shoulder, in accordance with GDOT policy for clearances. These revisions have been made at the request of the City of Roswell.

The revised concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

DATE 2/21/06



State Transportation Planning Administrator

MBA: SH
Attachments

Distribution:

Brian Summers, Project Review Engineer
Keith Golden, State Traffic Safety and Design Engineer
Harvey Keepler, State Environmental/Location Engineer
Joseph Palladi, State Planning Administrator
Jamie Simpson, Office of Financial Management Administrator
Paul Liles, State Bridge Design Engineer
Bryant Poole, District 7 Engineer

REVISED PROJECT CONCEPT REPORT
STP-0000-00(198)
P.I. NO 0000198

Need and Purpose:

The existing intersection suffers from congestion and a high accident rate and is in need of improvements to provide safe and efficient traffic operation for the traveling public. Through the use of local funds from the 1998 Sales Tax Program, City of Roswell is implementing this project to improve traffic operation at this intersection.

Project Location:

The City of Roswell is located in northern Fulton County. State Route (SR) 9 (Atlanta Highway) is a major North-South arterial roadway that enters the City from the south as it crosses the Chattahoochee River. Oxbo Street is a local collector street that intersects SR 9 from the east, approximately 1000 feet north of the SR 120 intersection with SR 9. Across from Oxbo Street and off-set to the south approximately 75 feet is a one-way street connection to Mimosa Boulevard. The existing intersection is unsignalized.

Description of the approved concept:

The project would improve the existing SR 9 and Oxbo Street intersection by providing a 20-foot wide raised median, with 12-foot wide left-turn lanes on SR 9 for the northbound and southbound approaches. The project would also provide a left-turn lane on Oxbo Street. Travel lanes would be 12 feet wide with 12-foot wide urban shoulders, including 5-foot wide sidewalks, for SR 9 and Oxbo Street. A traffic signal would be added.

PDP Classification:

Full Oversight (), Exempt(), SF(), Other(X)

Functional Classification:

Principal Major Arterial

U.S. Route Number(s): none

State Route Number(s): SR 9

Traffic (AADT) as shown in the approved concept:

Current Year: 42,650 (2003 AADT)

Design Year: 61,800 (2023 AADT)

Proposed Features to be revised:

Typical Section:

The revision to the typical section is to reduce the through lane width from 12-feet in width to 11-feet in width. The reason for the revision is to reduce impacts to the surrounding properties and to be consistent with the proposed typical section for the proposed Oxbo Street improvement that would be adjacent to this project on its north side.

Additionally, the City desires that street trees to be placed along the shoulder, in accordance with GDOT policy for clearances, for aesthetic reasons.

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DatasetOxboOakSplit123.123

01/27/2006

SR 9 Oxbo Rd. - Roswell
 PRELIMINARY CONSTRUCTION COST ESTIMATE
 R.K. SHAH & ASSOCIATES, INC. 1-25-06

PI 0000198

	UNIT	QUANTITY	UNIT COST	COST
ROADWAY				
150-1000	LS	LUMP SUM		\$15,000.00
207-0203	CY	65	\$37.00	\$2,405.00
210-0100	LS	LUMP SUM		\$66,000.00
310-5060	SY	2183	\$7.00	\$15,281.00
310-5080	SY	6320	\$10.00	\$63,200.00
318-3000	TN	100	\$17.00	\$1,700.00
402-1812	TN	1400	\$41.50	\$58,100.00
402-3910	SY	9454	\$8.50	\$80,359.00
402-4012	SY	5300	\$10.30	\$54,590.00
402-4306	SY	5300	\$15.00	\$79,500.00
413-1000	GL	520	\$1.00	\$520.00
441-0104	SY	1825	\$30.00	\$54,750.00
441-0754	SY	240	\$39.00	\$9,358.16
441-4020	SY	135	\$36.00	\$4,860.00
441-4030	SY	581	\$43.00	\$24,983.00
441-5002	LF	600	\$23.00	\$13,800.00
441-6222	LF	3060	\$13.00	\$39,780.00
500-9999	CY	100	\$155.00	\$15,500.00
550-1180	LF	1103	\$33.00	\$36,399.00
550-1240	LF	214	\$40.00	\$8,560.00
550-1241	LF	14	\$44.00	\$616.00
550-1600	LF	186	\$135.00	\$25,110.00
550-1601	LF	64	\$136.00	\$8,704.00
573-2006	LF	100.00	\$10.00	\$1,000.00

01/27/2006

DetestOxboOakSplit.123.123

SR 9 Oxbo Rd. - Roswell
PRELIMINARY CONSTRUCTION COST ESTIMATE
R.K. SHAH & ASSOCIATES, INC. 1-25-06

	UNIT	QUANTITY	UNIT COST	COST
622-1031	LF	250	\$55.00	\$13,750.00
634-1200	EA	28	\$89.00	\$2,492.00
668-1100	EA	15	\$1,788.00	\$26,820.00
668-1110	LF	8	\$195.00	\$1,560.00
668-2100	EA	3	\$2,685.00	\$8,055.00
668-2200	EA	2	\$2,727.00	\$5,454.00
668-2210	LF	3	\$271.00	\$813.00
668-4400	EA	1	\$2,620.00	\$2,620.00
668-4411	LF	21	\$238.00	\$4,998.00
700-6910	AC	0.7	\$785.00	\$549.50
700-7000	TN	1	\$58.00	\$58.00
700-7010	GAL	2	\$19.00	\$38.00
700-8000	TN	1	\$265.00	\$265.00
700-8100	LB	36	\$1.60	\$57.60
716-2000	SY	1500	\$1.10	\$1,650.00
163-0232	AC	0.5	\$480.00	\$240.00
163-0240	TN	4	\$197.00	\$788.00
163-0550	EA	15	\$241.00	\$3,615.00
165-0010	LF	680	\$1.10	\$748.00
165-0030	LF	1920	\$1.20	\$2,304.00
165-0105	EA	15	\$85.00	\$1,275.00
171-0010	LF	680	\$1.90	\$1,292.00

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DetestOxboOakSplit123.123

01/27/2006

SR 9 Oxbo Rd. - Roswell
PRELIMINARY CONSTRUCTION COST ESTIMATE
R.K. SHAH & ASSOCIATES, INC. 1-25-06

	UNIT	QUANTITY	UNIT COST	COST
171-0030	LF	1920	\$3.20	\$6,144.00
TEMPORARY SILT FENCE, TYPE C				
SIGNALIZATION I INTERSECTION	LS	LUMP	LUMP	\$90,000.00
SIGNING & MARKING	LS	LUMP	LUMP	\$12,500.00
FIELD OFFICES	LS	LUMP	LUMP	\$30,000.00
RETAINING WALLS	LS	LUMP	LUMP	\$242,000.00
SUBTOTAL CONSTRUCTION COST				\$1,140,161.26
E & C (10%)				\$114,016.13
INFLATION (3% / YEAR) - 3 YEARS				\$105,723.73
TOTAL CONSTRUCTION COST (FY 09)	LS	LUMP	LUMP	\$1,359,901.12
REIMBURSIBLE UTILITY (FY 09)				\$100,000.00
RIGHT OF WAY (FY 08)				\$1,032,000.00
TOTAL PROJECT COST (FY 08/09)				\$2,491,901.12
TOTAL PROJECT COST (FY 08/09)				\$2,495,000.00

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