

D.O.T. 66

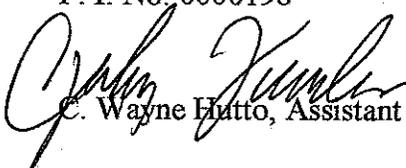
DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-0000-00(198) Fulton County  
P. I. No. 0000198

**OFFICE** Preconstruction

**DATE** January 17, 2002

**FROM**  C. Wayne Hutto, Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT** PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

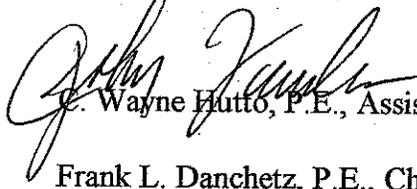
**DISTRIBUTION:**

Tom Turner  
David Mulling  
Harvey Keepler  
Jerry Hobbs  
Herman Griffin  
Michael Henry  
Phillip Allen  
Marta Rosen  
Paul Liles  
Ben Buchan  
Jim Kennerly  
Steve Henry  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** STP-0000-00(198) Fulton County **OFFICE** Preconstruction  
P.I. No. 0000198  
**DATE** January 16, 2002

**FROM**  C. Wayne Hutto, P.E., Assistant Director of Preconstruction

**TO** Frank L. Danchetz, P.E., Chief Engineer

**SUBJECT PROJECT CONCEPT REPORT**

This project is the intersection improvements on SR 9/Atlanta Highway at Oxbo Street in the City of Roswell. State Route 9 is a major north-south arterial roadway and Oxbo Street is a local city street. State Route 9 is an existing four lane urban section with a posted speed of 35 MPH. This intersection is located within a densely developed retail commercial area. It serves both local and commuter traffic. The current lane configuration and traffic operation do not serve the existing traffic operations effectively. The base year (2003) traffic volume on this section of SR 9 is 42,650 VPD and future volumes are expected to be 61,800 VPD in the year 2023. Accident data indicate that many accidents occur when vehicles attempt to make a left turn into the many commercial developments at this intersection. Traffic operations at this intersection will continue to deteriorate unless improvements are made.

The proposed construction on SR 9 will consist of four, 12' lanes (two in each direction) divided with a 20' raised median with 12' urban shoulders on both sides with 5' sidewalk. A 12' left turn lane will be provided on SR 9 for the northbound and southbound approaches. Oxbo Street will consist of two, 12' lanes with a 12' left turn lane and 5' sidewalk on both sides. A traffic signal will be provided at this intersection. Traffic will be maintained during construction.

Environmental concerns include requiring a Categorical Exclusion be prepared; a public information meeting will be held; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$1,626,000	\$1,439,000	Lump	02-07
Right-of-Way & Utilities*	Local	Local		

\*City of Roswell signed LGPA on 5-3-00 for PE, right-of-way, and utilities.

Frank L. Danchetz

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STP-0000-00(198) Fulton

January 16, 2002

I recommend this project concept be approved.

CWH:JDQ/cj

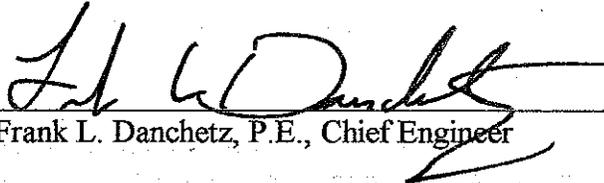
Attachment

CONCUR



Thomas L. Turner, P.E., Director of Preconstruction

APPROVE

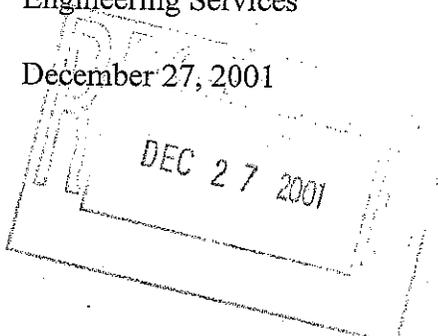


Frank L. Danchetz, P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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INTERDEPARTMENTAL CORRESPONDENCE

**FILE:** STP-0000-00(198) Fulton  
P.I. Number 0000198-  
**OFFICE:** Engineering Services  
**DATE:** December 27, 2001  
**FROM:** David Mulling, <sup>CSOW</sup> Project Review Engineer  
**TO:** Wayne Hutto, Assistant Director of Pre-construction  
**SUBJECT:** CONCEPT REPORT



We have reviewed the concept report dated November 28, 2001, and have the following comments:

1. The Need and Purpose Statement should clearly identify and describe the problems or other needs that the proposed action is intended to fix. A summarization of supporting data to clarify the problems, such as accident data, traffic capacity, level of service, etc. should also be presented in the Need and Purpose Statement. See Page 97, Appendix B, of the Plan Development Process for guidance.
2. An estimated cost for reimbursable utilities was not provided.

The costs for the project are:

Construction	\$1,344,000
Inflation	\$ 134,000
E&C	\$ 148,000
Reimbursable Utilities	\$ ?
Right of Way	\$ 550,000

DTM

c: Jim Kennerly – Attention: Jason McCook

## SCORING RESULTS AS PER MOG 2440-2

<b>Project Number:</b> STP-0000-00(198)		<b>County:</b> Fulton		<b>PI No.:</b> 0000198	
<b>Report Date:</b> 11/28/01		<b>Concept By:</b> DOT Office: Road Design			
<input checked="" type="checkbox"/> CONCEPT		Consultant: City of Roswell			
<b>Project Type:</b> Choose One From Each Column		<input checked="" type="checkbox"/> Major <input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input checked="" type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
<b>FOCUS AREAS</b>	<b>SCORE</b>	<b>RESULTS</b>			
<b>Presentation</b>	80%	In Need and Purpose Statement clear justification for project should be provided by identification of problems and other needs. Summarization of the data supporting conclusions should also be included. Cost of reimbursable utilities not provided.			
<b>Judgement</b>	100%				
<b>Environmental</b>	100%				
<b>Right of Way</b>	100%				
<b>Utility</b>	90%	Cost of utilities not provided to indicate impacts.			
<b>Constructability</b>	100%				
<b>Schedule</b>	100%				

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

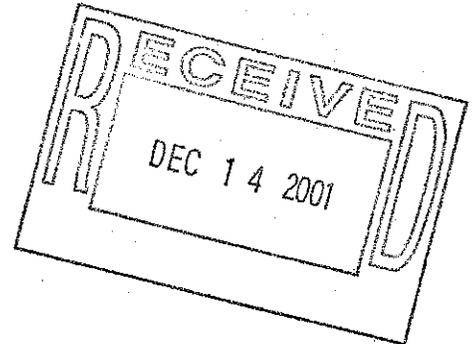
**FILE:**STP-0000-00(198) Fulton County  
P.I. No. 0000198

**OFFICE** Atlanta

**DATE** November 28, 2001

**FROM**  James A. Kennerly, State Road & Airport Design Engineer

**TO** Wayne Hutto, Assistant Preconstruction Director



**SUBJECT** Request Approval for Concept Report

In accordance with the plan development process, the concept report for the above project is attached for your review and processing.

Contact Jason McCook at 404-656-5406 for additional information.

JAK: JLM  
Attachments

xc :David Mulling – Engineering Services, w/attach.  
Steve Henry – District 7 Engineer, w/attach.  
Phillip Allen – State Traffic Operations Engineer, w/ attach.  
Harvey Keeper – State Environmental/Location Engineer, w/attach.  
Herman Griffin - State Transportation Programming Engineer, w/ attach.  
Marta Rosen – State Transportation Planning Administrator, w/ attach.  
Paul Liles – State Bridge Design Engineer, w/ attach.

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## CONCEPT REPORT

S. R. 9 & Oxbo Street Intersection Improvements  
Project Number STP-0000-00(198) – City of Roswell  
County Fulton  
P. I. Number: 0000198

Federal Route Number: NA  
State Route Number: 9

SEE LOCATION MAP

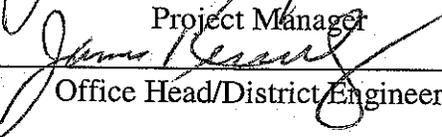
Date of Report: November 27, 2001

Revised:

Recommendation for approval:

DATE 11-28-01

DATE 12-03-01

  
 \_\_\_\_\_  
 Project Manager  
  
 \_\_\_\_\_  
 Office Head/District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

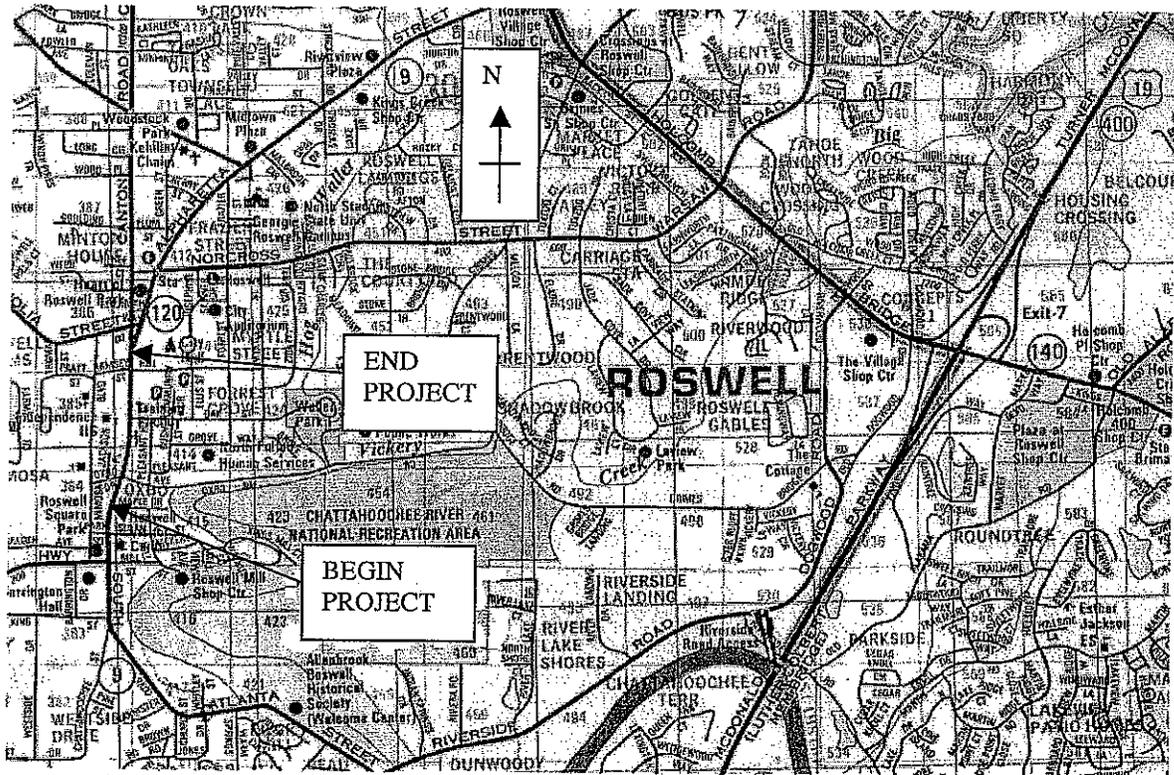
\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Other Offices as required such as; Bridge Design, etc.

Project Concept Report page   2    
Project Number: STP-0000-00(198)  
P. I. Number: 0000198  
County: Fulton

# LOCATION MAP



Project Concept Report page 3  
Project Number: STP-0000-00(198)  
P. I. Number: 0000198  
County: Fulton

**Need and Purpose:** SR 9 (Atlanta Highway) and Oxbo Street Intersection is located in the City of Roswell in North Fulton county. The Intersection is approximately 1000 ft. north of SR 120 intersection with SR 9. SR 9 is major North-South Arterial Roadway and Oxbo street is Local City Street.

The Intersection is located within densely developed retail commercial area. It serves both local and commuter traffic. The existing lane configuration and traffic operation do not serve the existing traffic operation effectively. Through the 1998 Sales Tax Program, city of Roswell is implementing this project to improve traffic operation at this intersection.

Based on current and projected traffic volume there is a need to upgrade this intersection to provide efficient traffic operation. Providing Separate Left Turn Lane on all approaches, 12 ft. travel lanes with 12 ft. urban shoulder with 5 ft. sidewalk on both side will allow vehicle to clear the intersection efficiently and reduce over all delay.

As traffic volume increases on SR 9 and Oxbo Street, traffic operation at this intersection will continue to deteriorate unless improvements are made. It is necessary to provide safe and efficient traffic operation for the travelling public.

**Description of the proposed project:** To improve existing SR 9 and Oxbo Street Intersection by providing 20 ft. Raised Median in order to provide 12 ft. Left Turn Lane on SR 9 on Northbound and Southbound approaches. Also provide 12 ft. Left Turn Lane on Oxbo Street. Further provide 12 ft. lanes on SR 9 and Oxbo Street, with 12 ft. urban shoulder with 5 ft. Sidewalk on bothside. Traffic Signal will be provided at this intersection.

**Is the project located in a Non-attainment area?** Yes

**PDP Classification:** Major  X  Minor \_\_\_\_\_

**Federal Oversight:** Full Oversight ( ), Exempt( X ), State Funded( ), or Other ( )

**Functional Classification:**  Principal Major Arterial

**U. S. Route Number(s):**  N/A  **State Route Number(s):**  9

**Traffic (AADT):**

Current Year: (2003)  42650  Design Year: (2023)  61800



Project Concept Report page 5

Project Number: STP-0000-00(198)

P. I. Number: 0000198

County: Fulton

- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	( )	( )	(X)
ROADWAY WIDTH:	( )	( )	(X)
SHOULDER WIDTH:	( )	( )	(X)
VERTICAL GRADES:	( )	( )	(X)
CROSS SLOPES:	( )	(X)	( )
STOPPING SIGHT DISTANCE:	( )	( )	(X)
SUPERELEVATION RATES:	( )	(X)	( )
HORIZONTAL CLEARANCE:	( )	( )	(X)
SPEED DESIGN:	( )	( )	(X)
VERTICAL CLEARANCE:	( )	( )	(X)
BRIDGE WIDTH:	( )	( )	(X)
BRIDGE STRUCTURAL CAPACITY:	( )	( )	(X)

- Design speed is 35 mph, cross-slope and superelevation require exceptions to tie to existing pavement.
- Design Variances: None expected
- Environmental concerns: Roswell Historic District & Roswell Presbyterian Church Cemetery
- Are NRHP properties. Independence High School is located in the Northwest quadrant. Chevron Gas Station at the south end of the project has UST'S.
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes ( ), No (X)
  - Environmental Assessment/Finding of No Significant Impact (FONSI) (X)
- Utility involvements: Water, Sanitary Sewer, Power, Gas, Telephone, Cable TV and Communication Line

#### Project responsibilities:

- Design,- City of Roswell
- Right of Way Acquisition, - City of Roswell
- Relocation of Utilities,- Owner of Utility Company
- Letting to contract, - GDOT
- Supervision of construction, - GDOT
- Providing material pits,- Construction Contractor
- Providing detours.-Stage construction Required

#### Coordination

- Concept meeting minutes.
- Public involvement. Public information meeting to be held by city of Roswell utilizing GDOT guidelines. */ A PUBLIC HEARING OR OPPORTUNITY IS REQUIRED.*
- Local government comments.
- Other projects in the area. SR 9 and Roswell Square Streetscape
- Other coordination to date.

Project Concept Report page 6  
Project Number: STP-0000-00(198)  
P. I. Number: 0000198  
County: Fulton

**Scheduling – Responsible Parties’ Estimate**

- Time to complete the environmental process: 12 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 3 Months.
- Time to complete the Section 404 Permit: N/A Months.
- Time to complete final construction plans: 3 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: 0 Months.

**Other alternates considered:** No build

**Comments:**

**Attachments:**

1. Cost Estimates:
  - a. Construction including E & C,
  - b. Right of Way, and
  - c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Accident summaries,
5. Capacity analysis,
6. Minutes of Concept meeting
7. LGPA’s or PMA’s,
8. Conforming plan’s network schematics showing thru lanes, (Note: This attachment is required for non-attainment areas only.), and

**Approvals, Exempt projects:**

Concur:

Director of Preconstruction

Approve:

Chief Engineer

# NOTICE OF LOCATION AND DESIGN APPROVAL

**Project Number: STP-0000-00(198)**

**P. I. Number: 0000198**

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 this project.

The date of location approval is *JANUARY 17*, 2002.

SR 9 (Atlanta Highway) and Oxbo St. intersection is located in the City of Roswell in North Fulton County. This intersection is approximately 1000 ft. north of SR 120 Intersection with SR 9. This project is located in Fulton County in land districts 384 and 414.

This project would provide for a four lane urban roadway with a twenty foot (20 ft.) raised median in which twelve foot (12 ft.) left turn lanes would be provided. The twelve foot (12 ft.) urban shoulders would contain a five foot (5 ft.) concrete sidewalk on both sides. A traffic signal will be included in this project. This project would be built via stage construction.

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:

Mark Weatherby  
862 Barnes Mill Road, Marietta, GA 30062  
770.528.5506

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 A. Kennerly  
Office of Road and Airport Design  
No. 2 Capitol Square, S.W. Atlanta, GA 30334  
404.656.5386

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.

## Concept Team Meeting Minutes

Meeting came to attention at approximately 9:10 a.m. on July 19, 2001 in Road Design Conference room. The following persons were in attendance for this meeting:

1. Jason McCook - GDOT
2. Joe Leoni - GDOT
3. Mike Murdoch - GDOT
4. Russ Danner - Edwards - Pittman
5. Katie Mullins - GDOT
6. Bobby Crawford - GDOT
7. Brook Martin - GDOT
8. Melissa Wheeler - Ga. Power Transmission
9. Stan Petoski - GDOT
10. Dell Miller - ACSI NT
11. David Mulling - GDOT
12. Jack Seibert - City of Roswell
13. John Bishop - City of Roswell
14. Raju Shah - RK Shah & Assoc.
15. Ray Register - Bellsouth
16. Steve Walker - GDOT

The meeting started with a brief history of the projects by John Bishop, which included hoe this intersection was identified for improvement. Following this briefing an explanation of the proposed project and the impacts to adjacent properties.

Utilities will be relocated underground.

The city of Roswell request that a grass strip be placed between the back of curb and the sidewalk, Dot agreed to allow this if the city of Roswell would sign a Permanent Maintenance Agreement for the grass strip.

Also the city requested brick pavers instead of concrete sidewalks, this would also agreed to if the city would sign to pay for the additional cost of the pavers and also sign an agreement to permanently maintain the brick pavers.

Furthermore, the city requested for rock finishing on the retaining walls between Oxbo and Oak Streets. This would be agreed to as well, provided the city would sign to pay for the additional cost, and also sign an agreement to permanently maintain them.

Provisions should be made for U-turns at all median breaks.

David Mulling inquired about this portion of SR 9 being on a bike route.

Due to tight schedule, question about ability to stay on schedule was asked by Bobby Crawford, it was agreed to that schedule would remain as proposed until after PIM was held.

November 27, 2001

 State of Georgia  
Department of Transportation

City of Roswell will hold PIM according to DOT policies after the concept is approved.

District to be contacted concerning coordination of R/W appraisal and acquisition for compliance with federal guidelines.

City of Roswell inquired about when can R/W appraisal process begin?

Meeting concluded.

PRELIMIANRY COST ESTIMATE-CONCEPT DEVELOPMENT

PROJECT : TT 00 NG59-SR 9/OXBO ROAD-CITY OF ROSWELL , FULTON COUNTY- P.I.-N/A

DATE: MAY 31, 2001

PROJECT COST:

A. RIGHT OF WAY: \$ 550000.00

\* Does not include the cost of displacements

B. REIMBURSABLE UTILITIES: TBD\* \$ 0.00

\* To be determined

C. CONSTRUCTION:

1. Major Structure N/A

SUB TOTAL C-1 \$ 0.00

2. Grading and Drainage

A. Earthwork-Excavation Unclassified  
44000 C.Y. @ \$ 5.00/CY \$ 22000.00

B. Drainage-  
0.30 mi (\$ 726,000/mile) \$ 220000.00

SUB TOTAL C-2 \$ 242000.00

3. Base and Paving

A. 12" GR. AGGR BASE CRS-(3800 ton @ \$ 15/ton \$ 57000.00

B. ASPH. CONC. 4" Base -(1300 ton@\$ 40/ton) \$ 52000.00

C. ASPH. CONC. 2" -"B" (650 ton@\$ 40/ton) \$ 26000.00

D. ASPH. CONC. 1.5" -"E" (1000 ton@\$ 40/ton) \$ 40000.00

E. ASPH. CONC. Levelling (380 ton@\$ 40/ton) \$ 15200.00

F. Tack Coat-(1750 gallon x \$ 1.00/gallon) \$ 1750.00

SUB TOTAL C-3 \$ 191950.00

PRELIMINARY COST ESTIMATE-CONCEPT DEVELOPMENT

PROJECT : TT 00NG59-SR 9/OXBO ROAD-CITY OF ROSWELL , FULTON COUNTY- P.I.-N/A

DATE: MAY 31, 2001

4. Lumpn Items

A. Traffic Control	\$	16500.00
B. Clearing and Grubbing-4.09 Ac.(\$ 3000/Ac.)	\$	12270.00
C. Grassing- 1.25 Ac.(\$ 5000/Ac)	\$	6250.00
D. Erosion Control	\$	20000.00
E. Traffic Signal at SR 9 and King/chattahoochee	\$	75000.00
SUB TOTAL C-4		\$ 130020.00

5. Miscellaneous

A. Singing and Striping	\$	10000.00
B. Field Office	\$	30000.00
C. Curb and Gutter-5600 ft.(\$ 10/ft.)	\$	56000.00
D. Sidewalk- 1850 SY (\$ 25/SY)	\$	46250.00
E. Median Paving-1250 SY (\$3 0/SY)	\$	37500.00
SUB TOTAL C-5		\$ 179750.00

6. Special Features

A. Retaining Wall- 8000 SF(\$ 75/SF)	\$	600000.00
SUB TOTAL C-6		\$ 600000.00

PRELIMINARY COST ESTIMATE-CONCEPT DEVELOPMENT

PROJECT : TT 00NG59-SR 9/OXBBO ROAD-CITY OF ROSWELL , FULTON COUNTY- P.I.-N/A

DATE: MAY 31, 2001

ESTIMATE SUMMARY

A.	RIGHT OF WAY:		\$	550000.00
B.	REIMBURSABLE UTILITIES:	TBD*	\$	0.00
C.	CONSTRUCTION:		\$	0.00
	1. Major Structure	N/A		
	2. Grading and Drainage		\$	242000.00
	3. Base and Paving		\$	191950.00
	4. Lumpn Items		\$	130020.00
	5. Miscellaneous		\$	179750.00
	6. Special Features		\$	600000.00
			\$	
		SUB TOTAL CONSTRUCTION COS	\$	1343720.00
		E. & C (10 %)	\$	134380.00
		INFLATION (3 %/YEAR)-2 YEAR	\$	80600.00
		TOTAL CONSTRUCTION COST	\$	1438700.00

## Accident Data

Project No: STP- 0000-00 (198)

Location: State Route 9 at Oxbo St.

County: Fulton

<u>Number of Accidents</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>
	29	22	22

<u>Number of Fatalities</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>
	0	0	0

<u>Number of Injuries</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>
	10	7	3

### Summary:

For the year of 1995, there were a total of 29 accidents on State Route 9 at Oxbo St. Out of those 29 accidents, there was a 10 injuries and no fatalities

For the year of 1996, there were a total of 22 accidents on State Route 9 at Oxbo St. Out of those 22 accidents, there were a total of 7 injury and no fatalities.

For the year of 1997, there were a total of 22 accidents on State Route 9 at Oxbo St. Out of those 22 accidents, there were a total of 3 injuries and no fatalities.

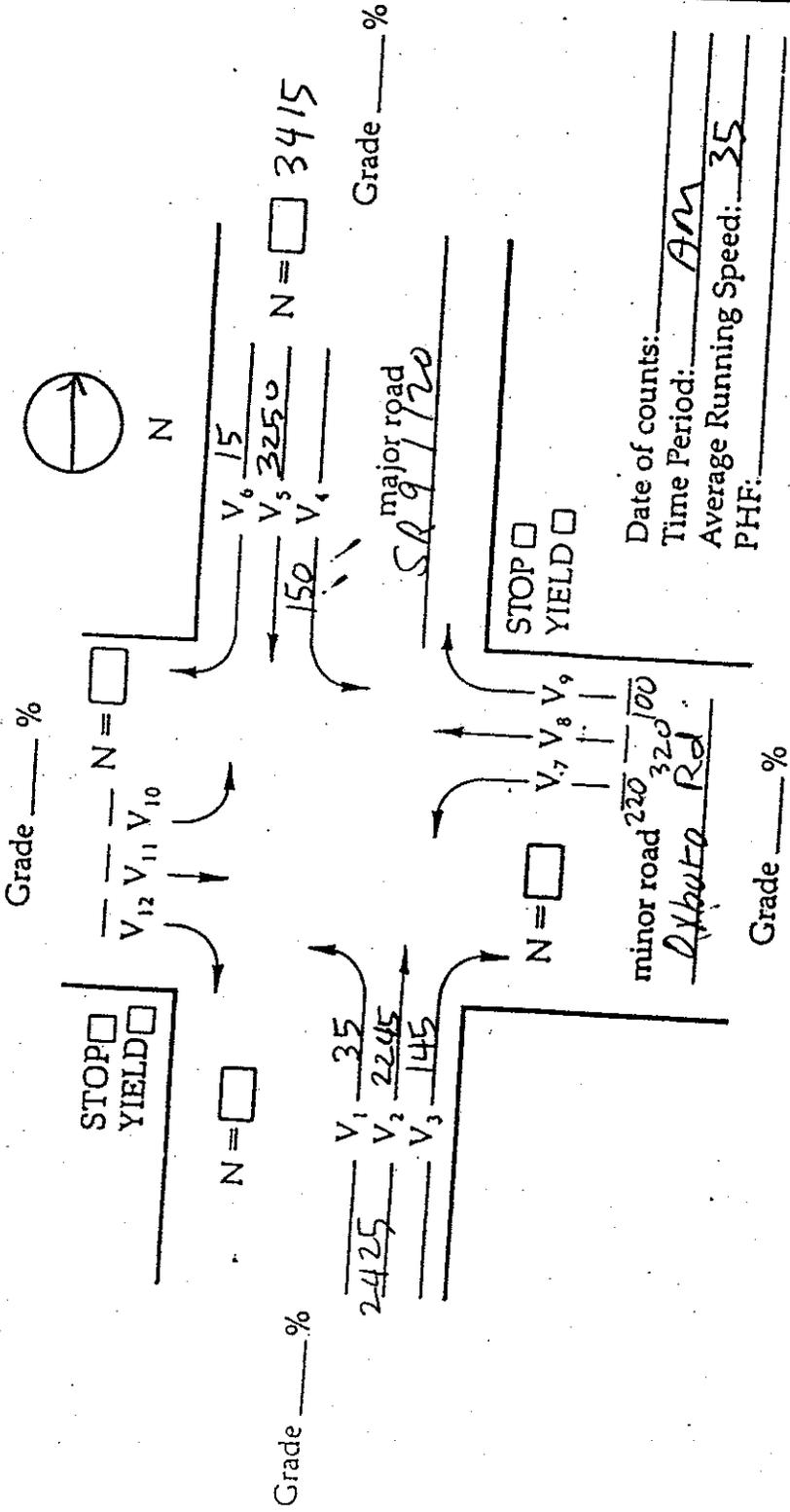


R.K. SHAH & ASSOCIATES, INC.									
PROJECT : STP - 114 1(105) : PI # 731870, ROSWELL, FULTON COUNTY									
SR-9 /120 INTERSECTION IMPROVEMENTS									
INTERSECTION VOLUME CAPACITY ANALYSIS									
NAME	MAINLINE	NAME	SIDE STREET	YEAR	AM		PM		5-30-01
					LOS ML.	LOS S.S.	LOS ML.	LOS S.S.	
SR-9 / 120		King Street,	CS3059	2023	E	E	E	E	F
		Signalized		2023	F	B	F	F	B
SR-9 / 120		Oxboro Road	CS 3072	2023	E	E	E	E	F
		Signalized		2023	F	B	F	F	B
SR-9 / 120		Oak Street	CS 3074	2023	F	E	F	F	E
		Ex. Signal							

Location: Roswell

Name: SR-9/170/Oxbo St

HOURLY VOLUMES



Date of counts: \_\_\_\_\_  
 Time Period: AM  
 Average Running Speed: 35  
 PHF: \_\_\_\_\_

Grade \_\_\_\_ %

$V_{12}$   $V_{11}$   $V_{10}$   $N = \square$

Grade \_\_\_\_ %

$V_1$  35  
 $V_2$  2245  
 $V_3$  145  
 $N = \square$

Grade \_\_\_\_ %

$V_6$  15  
 $V_5$  3250  
 $V_4$  \_\_\_\_\_  
 $N = \square$  3415

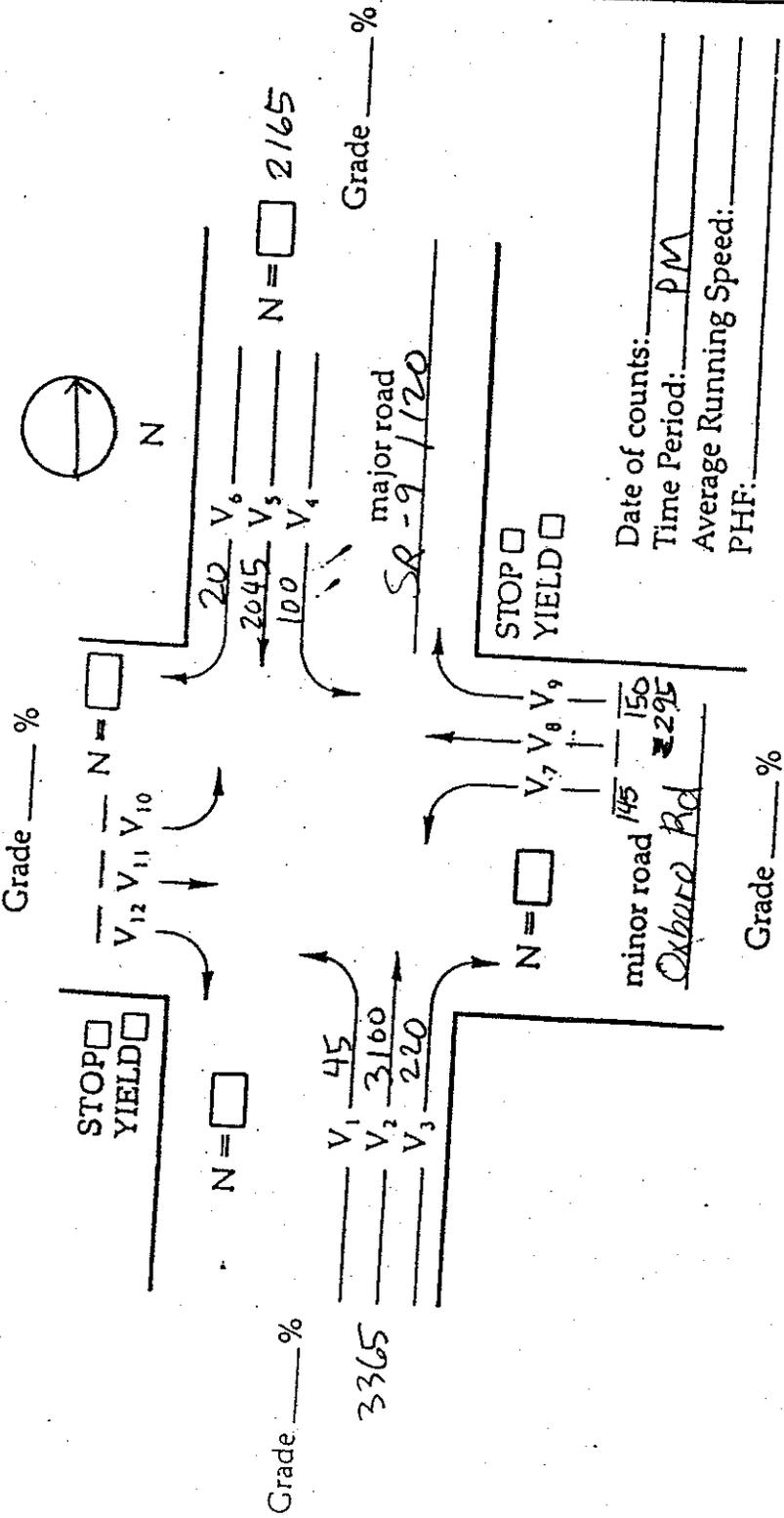
Grade \_\_\_\_ %

$V_7$   $V_8$   $V_9$   
 minor road 220 320 100  
Oxbo Rd.  
 $N = \square$

Location: ROSWELL

Name: SR-9/120

HOURLY VOLUMES



Date of counts: \_\_\_\_\_  
 Time Period: PM  
 Average Running Speed: \_\_\_\_\_  
 PHF: \_\_\_\_\_

1985 HCM: UNSIGNALIZED INTERSECTIONS

\*\*\*\*\*

IDENTIFYING INFORMATION

-----

AVERAGE RUNNING SPEED, MAJOR STREET..... 35

PEAK HOUR FACTOR..... 1

AREA POPULATION..... 150000

NAME OF THE EAST/WEST STREET..... Oxboro Dr.

NAME OF THE NORTH/SOUTH STREET..... SR-9

NAME OF THE ANALYST..... JRP

DATE OF THE ANALYSIS (mm/dd/yy)..... 5-29-01

TIME PERIOD ANALYZED..... AM

OTHER INFORMATION: File=OxboroAM

INTERSECTION TYPE AND CONTROL

-----

INTERSECTION TYPE: 4-LEG

MAJOR STREET DIRECTION: NORTH/SOUTH

CONTROL TYPE EASTBOUND: STOP SIGN

CONTROL TYPE WESTBOUND: STOP SIGN

TRAFFIC VOLUMES

-----

	EB	WB	NB	SB
LEFT	0	220	35	150
THRU	0	0	2245	3250
RIGHT	0	100	145	15

NUMBER OF LANES AND LANE USAGE

-----

	EB	WB	NB	SB
LANES	2	2	3	2

LANE USAGE L +  L + TR 

## ADJUSTMENT FACTORS

Page-2

	PERCENT GRADE	RIGHT TURN ANGLE	CURB RADIUS (ft) FOR RIGHT TURNS	ACCELERATION LANE FOR RIGHT TURNS
EASTBOUND	0.00	90	20	N
WESTBOUND	0.00	90	20	N
NORTHBOUND	0.00	90	50	N
SOUTHBOUND	0.00	90	50	N

## VEHICLE COMPOSITION

	% SU TRUCKS AND RV'S	% COMBINATION VEHICLES	% MOTORCYCLES
EASTBOUND	3	0	0
WESTBOUND	3	0	0
NORTHBOUND	3	0	0
SOUTHBOUND	3	0	0

## CRITICAL GAPS

	TABULAR VALUES (Table 10-2)	ADJUSTED VALUE	SIGHT DIST. ADJUSTMENT	FINAL CRITICAL GAP
MINOR RIGHTS				
WB	5.70	5.70	0.00	5.70
EB	5.70	5.70	0.00	5.70
MAJOR LEFTS				
SB	5.60	5.60	0.00	5.60
NB	5.60	5.60	0.00	5.60
MINOR THROUGHES				
WB	6.80	6.80	0.00	6.80
EB	6.80	6.80	0.00	6.80
MINOR LEFTS				
WB	7.30	7.30	0.00	7.30
EB	7.30	7.30	0.00	7.30

CAPACITY AND LEVEL-OF-SERVICE

MOVEMENT	FLOW-RATE v (pcph)	POTENTIAL CAPACITY c (pcph) P	ACTUAL MOVEMENT CAPACITY c (pcph) M		SHARED CAPACITY c (pcph) SH		RESERVE CAPACITY c = c - v R SH	LOS
MINOR STREET								
WB LEFT	223	60	0		0		-223	F
THROUGH	0	75	0	>	0	>	0	E
RIGHT	102	415	415	>	0 415	>	-102 314	F B
MINOR STREET								
EB LEFT	0	60	0		0		0	E
THROUGH	0	75	0	>	0	>	0	E
RIGHT	0	145	145	>	0 145	>	0 145	D
MAJOR STREET								
NB LEFT	36	145	145		145		109	D
SB LEFT	152	145	145		145		-7	F

LANE USAGE L + TR L + TR

## ADJUSTMENT FACTORS

Page-2

	PERCENT GRADE	RIGHT TURN ANGLE	CURB RADIUS (ft) FOR RIGHT TURNS	ACCELERATION LANE FOR RIGHT TURNS
EASTBOUND	0.00	90	20	N
WESTBOUND	0.00	90	20	N
NORTHBOUND	0.00	90	59	N
SOUTHBOUND	0.00	90	50	N

## VEHICLE COMPOSITION

	% SU TRUCKS AND RV'S	% COMBINATION VEHICLES	% MOTORCYCLES
EASTBOUND	3	0	0
WESTBOUND	3	0	0
NORTHBOUND	3	0	0
SOUTHBOUND	3	0	0

## CRITICAL GAPS

	TABULAR VALUES (Table 10-2)	ADJUSTED VALUE	SIGHT DIST. ADJUSTMENT	FINAL CRITICAL GAP
MINOR RIGHTS				
WB	5.70	5.70	0.00	5.70
EB	5.70	5.70	0.00	5.70
MAJOR LEFTS				
SB	5.60	5.60	0.00	5.60
NB	5.60	5.60	0.00	5.60
MINOR THROUGHS				
WB	6.80	6.80	0.00	6.80
EB	6.80	6.80	0.00	6.80
MINOR LEFTS				
WB	7.30	7.30	0.00	7.30
EB	7.30	7.30	0.00	7.30

## CAPACITY AND LEVEL-OF-SERVICE

Page-3

MOVEMENT	FLOW-RATE v (pcph)	POTEN-	ACTUAL-	SHARED CAPACITY c (pcph) SH	RESERVE CAPACITY		LOS
		TIAL CAPACITY c (pcph) P	MOVEMENT CAPACITY c (pcph) M		c = c R	- v SH	
MINOR STREET							
WB LEFT	160	60	13	13		-146	F
THROUGH	0	75	17	17	>	17	E
RIGHT	165	276	276	276	>	111	>D D
MINOR STREET							
EB LEFT	0	60	6	6		6	E
THROUGH	0	75	17	17	>	17	E
RIGHT	0	495	495	0	>	495	> A
MAJOR STREET							
NB LEFT	50	145	145	145		96	E
SB LEFT	110	145	145	145		35	E

PRELIMIANRY COST ESTIMATE-CONCEPT DEVELOPMENT

PROJECT : TT 99 N 150-SR 9/CHATTAHOOCHEE ST.- ROSWELL , FULTON COUNTY- P.I.-N/A

DATE: MAY 31, 2001

ESTIMATE SUMMARY

A.	RIGHT OF WAY:		\$	725000.00
B.	REIMBURSABLE UTILITIES:	TBD*	\$	0.00
C.	CONSTRUCTION:			
	1. Major Structure	N/A	\$	0.00
	2. Grading and Drainage		\$	262250.00
	3. Base and Paving		\$	323200.00
	4. Lumpn Items		\$	164800.00
	5. Miscellaneous		\$	279750.00
	6. Special Features			0.00
		SUB TOTAL CONSTRUCTION COS	\$	1030000.00
		E. & C (10 %)	\$	103000.00
		INFLATION (3 %/YEAR)-2 YEAR	\$	61800.00
		TOTAL CONSTRUCTION COST	\$	1194800.00

1985 HCM: SIGNALIZED INTERSECTIONS

SUMMARY REPORT

\*\*\*\*\*

INTERSECTION..Oxboro Rd/SR 9/120

AREA TYPE.....CBD

ANALYST.....JRP

DATE.....5-30-01

TIME.....AM

COMMENT.....File=Oxboroam

	VOLUMES					GEOMETRY						
	EB	WB	NB	SB		EB	WB	NB	SB	EB	WB	NB
LT	0	220	35	150	:	12.0	L	12.0	L	12.0	L	12.0
TH	0	0	2245	3250	:	12.0	R	12.0	T	12.0	T	12.0
RT	0	100	145	15	:	12.0		12.0	T	12.0	T	12.0
RR	0	10	0	10	:	12.0		12.0	R	12.0	R	12.0
					:	12.0		12.0		12.0		12.0
					:	12.0		12.0		12.0		12.0

	ADJUSTMENT FACTORS									
	GRADE (%)	HV (%)	ADJ Y/N	PKG Nm	BUSES Nb	PHF	PEDS	PED. Y/N	BUT. min T	ARR. TYPE
EB	0.00	3.00	Y	20	0	0.90	0	N	25.8	3
WB	0.00	3.00	Y	20	0	0.90	10	N	25.8	3
NB	0.00	3.00	Y	20	0	0.90	10	N	11.3	3
SB	0.00	3.00	Y	20	0	0.90	10	N	11.3	3

SIGNAL SETTINGS										CYCLE LENGTH = 90.0			
		PH-1	PH-2	PH-3	PH-4			PH-1	PH-2	PH-3	PH-4		
EB	LT					NB	LT	X					
	TH						TH	X					
	RT						RT	X					
	PD						PD	X		X			
WB	LT			X		SB	LT		X				
	TH			X			TH		X				
	RT			X			RT	X	X				
	PD			X			PD	X	X				

LEVEL OF SERVICE							
	LANE GRP.	V/C	G/C	DELAY	LOS	APP. DELAY	APP. LOS
WB	L	0.484	0.667	6.2	B	7.3	B
	R	0.208	0.444	9.9	B		
NB	L	0.058	0.889	0.4	A	*	*
	T	1.847	0.444	*	*		
SB	R	0.168	0.889	0.4	A	*	*
	L	0.330	0.778	2.4	A		
	T	3.564	0.333	*	*		
	R	0.005	1.000	0.0	A		

INTERSECTION: Delay = \* (sec/veh) V/C = 1.582 LOS = \*

1985 HCM: SIGNALIZED INTERSECTIONS

SUMMARY REPORT

\*\*\*\*\*

INTERSECTION..Oxboro Rd/SR 9/120

AREA TYPE.....CBD

ANALYST.....JRP

DATE.....5-30-01

TIME.....PM

COMMENT.....File=OxboroPM

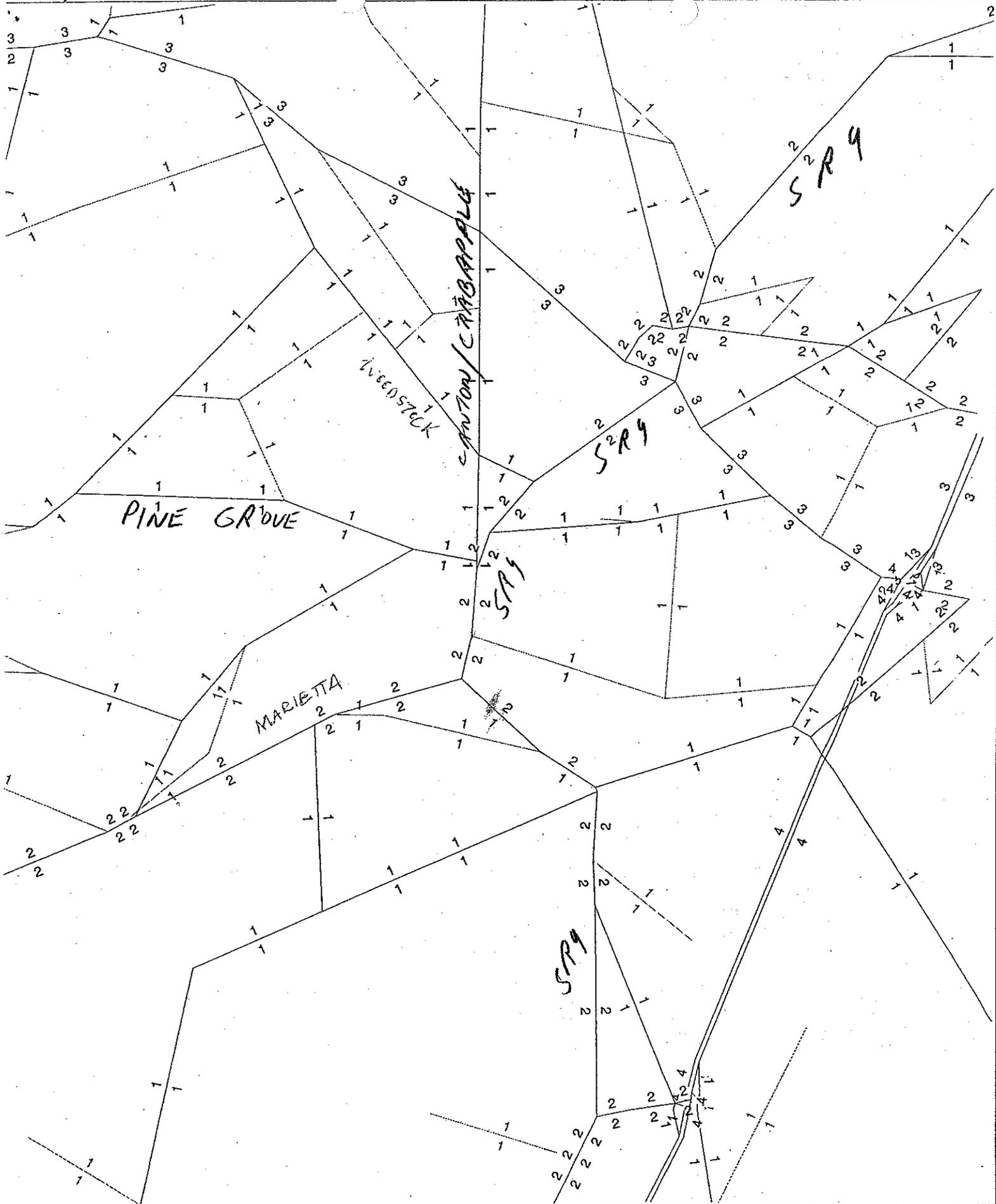
	VOLUMES					GEOMETRY						
	EB	WB	NB	SB		EB	L	WB	L	NB	L	SB
LT	0	145	45	100	:	12.0	L	12.0	L	12.0	L	12.0
TH	0	0	3100	2045	:	12.0	R	12.0	T	12.0	T	12.0
RT	0	150	220	20	:	12.0		12.0	T	12.0	T	12.0
RR	0	10	0	10	:	12.0		12.0	R	12.0	R	12.0
					:	12.0		12.0		12.0		12.0
					:	12.0		12.0		12.0		12.0

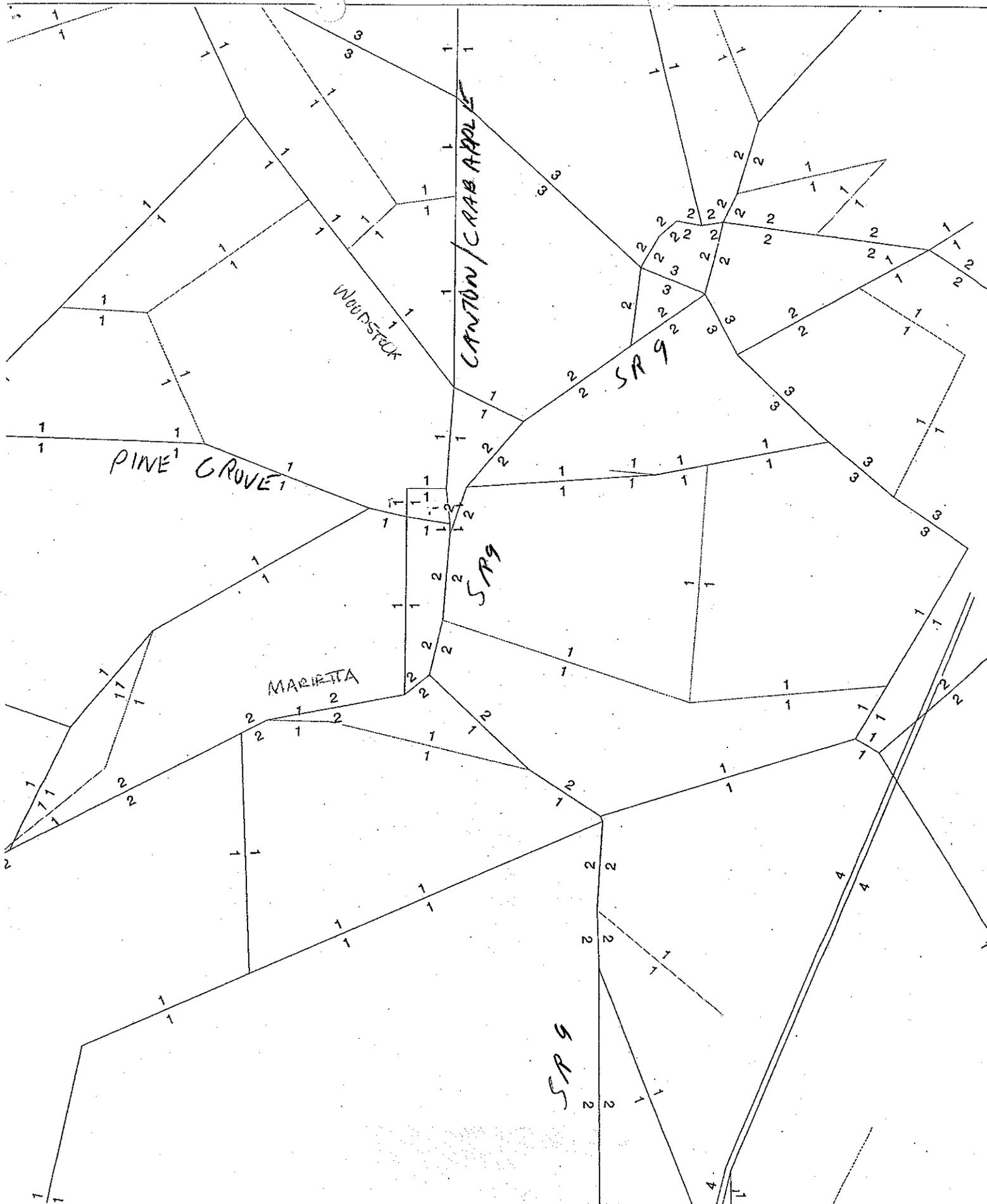
	ADJUSTMENT FACTORS									
	GRADE (%)	HV (%)	ADJ Y/N	PKG Nm	BUSES Nb	PHF	PEDS	PED. Y/N	BUT. min T	ARR. TYPE
EB	0.00	3.00	Y	20	0	0.90	0	N	25.8	3
WB	0.00	3.00	Y	20	0	0.90	10	N	25.8	3
NB	0.00	3.00	Y	20	0	0.90	10	N	11.3	3
SB	0.00	3.00	Y	20	0	0.90	10	N	11.3	3

SIGNAL SETTINGS								CYCLE LENGTH = 90.0			
	PH-1	PH-2	PH-3	PH-4		PH-1	PH-2	PH-3	PH-4		
EB LT					NB LT	X					
TH					TH	X					
RT					RT	X					
PD					PD	X	X				
WB LT			X		SB LT		X				
TH			X		TH		X				
RT			X		RT	X	X				
PD			X		PD	X	X				

LEVEL OF SERVICE							
	LANE GRP.	V/C	G/C	DELAY	LOS	APP. DELAY	APP. LOS
WB	L	0.319	0.667	5.0	A	7.7	B
	R	0.324	0.444	10.6	B		
NB	L	0.074	0.889	0.5	A	*	*
	T	2.550	0.444	*	*		
	R	0.255	0.889	0.5	A		
SB	L	0.220	0.778	2.1	A	*	*
	T	2.243	0.333	*	*		
	R	0.010	1.000	0.0	A		

INTERSECTION: Delay = \* (sec/veh) V/C = 1.464 LOS = \*





Fulton County July 2001



# Department of Transportation

State of Georgia  
#2 Capitol Square, S.W.  
Atlanta, Georgia 30334-1002

WAYNE SHACKELFORD  
COMMISSIONER  
(404)656-5206

FRANK L. DANCHETZ  
CHIEF ENGINEER  
(404)656-5277

STEVEN L. PARKS  
DEPUTY COMMISSIONER  
(404)656-5212

BILLY F. SHARP  
TREASURER  
(404)656-5224

May 5, 2000

The Honorable Jere Wood, Mayor  
City of Roswell  
38 Hill Street  
Roswell, Georgia 30075

Dear Mayor Wood:

I am returning for your files an executed agreement between the Georgia Department of Transportation and the City of Roswell for the following project.

STP-0000-00(198), P.I. No. 0000198, City of Roswell  
SR 9 at Oxbo Street Intersection

We look forward to working with you on the successful completion of this project.  
Should you have any questions, please contact me at (404) 656-5320.

Sincerely,

A handwritten signature in cursive script, appearing to read "Herman T. Griffin".

Herman T. Griffin, P.E.  
State Transportation Programming Engineer

HTG:jb

Enclosure

c: Percy Middlebrooks, w/attachment  
James Kennerly, w/attachment



AGREEMENT

BETWEEN

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

AND

CITY OF ROSWELL, GEORGIA

for

SR 9 at OXBO STREET INTERSECTION

This AGREEMENT is made and entered into this 3<sup>RD</sup> day of May, <sup>2000</sup>~~1999~~, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT", and CITY OF ROSWELL, GEORGIA, acting by and through its Mayor and City Council, hereinafter called the "CITY".

WHEREAS, the CITY has represented to the DEPARTMENT a desire construct a new roadway facility described as the Intersection Improvement at SR 9 and Oxbo Street in Fulton County, Georgia, currently described as Georgia Department of Transportation Project Number STP-0000-00(198), P. I. Number 0000198, hereinafter referred to as the "PROJECT"; and

WHEREAS, the CITY has represented to the DEPARTMENT a desire to participate in providing the preconstruction engineering activities needed for the improvements, relocating the utilities, and other costs as specified in the AGREEMENT, and the DEPARTMENT has relied upon such representations; and

WHEREAS, the DEPARTMENT has expressed a willingness to participate in the funding of the construction of the PROJECT with funds of the DEPARTMENT, funds apportioned to the DEPARTMENT by the Federal Highway Administration, hereinafter referred to as the "FHWA", under Title 23, United States Code, Section 104, or a combination of funds from any of the above sources; subject to those certain conditions set forth in the AGREEMENT.

THEREFORE in consideration of the mutual promises made and of the benefits to flow from one to the other, the DEPARTMENT and the CITY hereby agree each with the other as follows:

1. All Primary Consultant firms hired by the CITY to provide services on the PROJECT shall be prequalified with the DEPARTMENT in the appropriate area-classes. The DEPARTMENT shall, on request, furnish the CITY with a list of prequalified consultant firms in the appropriate area-classes.
2. The PROJECT construction plans shall be prepared in English units and right of way plans shall be prepared in English units.
3. Both the CITY and the DEPARTMENT hereby acknowledge that time is of the essence and both parties shall adhere to the priorities established in the approved STIP or earlier. Furthermore, all parties shall adhere to the detailed project schedule, as approved by the DEPARTMENT. In the completion of respective commitments contained herein, if a change in the schedule is needed, the DEPARTMENT shall have final authority. If, for any reason, the CITY does not produce acceptable deliverables at the milestone dates defined in the STIP, or in the approved schedule, the DEPARTMENT reserves the right to delay the project's implementation until funds can be re-identified for construction or right of way, as applicable.
4. All drafting and design work performed on the project shall be done utilizing Microstation and CAICE software respectively, and shall be organized as per the Department's guidelines on electronic file management.

5. The CITY shall contribute towards the PROJECT by funding all cost for the preconstruction engineering (design). The preconstruction engineering activities shall be accomplished in accordance with the DEPARTMENT's Plan Development Process, the applicable guidelines of the American Association of State Highway and Transportation Officials, hereinafter referred to as "AASHTO", the DEPARTMENT's Standard Specifications for the Construction of Transportation Systems, PROJECT schedules, Plan Presentation Guide, and applicable guidelines of the DEPARTMENT. The CITY's responsibility for design shall include, but is not limited to the following items:

a. Prepare the PROJECT concept report in accordance with the format used by the DEPARTMENT. The concept for the PROJECT shall be developed to accommodate the future traffic volumes as generated by the CITY as provided for in paragraph 3b and approved by the DEPARTMENT. The concept report shall be approved by the DEPARTMENT prior to the CITY beginning further development of the PROJECT plans. It is recognized by the parties that the approved concept may be modified by the CITY as required by the DEPARTMENT and reapproved by the DEPARTMENT during the course of design due to public input, environmental requirements, or right of way considerations.

b. Develop the PROJECT's base year (year facility is expected to be open to traffic) and design year (base year plus 20 years) traffic volumes. This shall include average daily traffic (ADT) and morning (am) and evening (pm) peak hour volumes. The traffic shall show all through and turning movement volumes at intersections for the ADT and peak hour volumes and shall indicate the percentage of trucks expected on the facility.

c. Validate (check and update) the approved PROJECT concept and prepare a PROJECT Design Book for approval by the DEPARTMENT prior to the beginning of preliminary plans.

d. Prepare environmental studies, documentation, and reports for the PROJECT that show the PROJECT is in compliance with the provisions of the National Environmental Protection Act and Georgia Environmental Protection Act, as appropriate to the PROJECT funding. This shall include any and all archaeological, historical, ecological, air, noise, underground storage tanks (UST), and hazardous waste site studies required. The CITY shall submit to the DEPARTMENT all environmental documents and reports for review and approval by the DEPARTMENT and the FHWA.

e. Prepare all public hearing and public information displays and conduct all required public hearings and public information meetings in accordance with DEPARTMENT practice.

f. Perform all surveys, mapping, and soil investigation studies needed for design of the PROJECT.

g. Perform all work required to obtain project permits, including, but not limited to, US Army Corps of Engineers 404 and Federal Emergency Management Agency (FEMA) approvals. These efforts shall be coordinated with the DEPARTMENT.

h. Prepare the PROJECT's drainage design including erosion control plans and the development of the hydraulic studies for the Federal Emergency Management Agency Floodways and acquisition of all necessary permits associated with the drainage design.

i. Prepare traffic studies, preliminary construction plans, preliminary and final utility plans, preliminary and final right of way plans, staking of the required right of way, and final construction plans including erosion control, traffic handling, and construction sequence plans and specifications including special provisions for the PROJECT.

j. Provide certification, by a Georgia Registered Professional Engineer, that the construction plans have been prepared under the guidance of the professional engineer and are in accordance with ASSHTO and DEPARTMENT guidelines.

k. Failure of the CITY to follow the DEPARTMENT'S Plan Development Process will jeopardize the use of Federal funds and the CITY shall then provide full funding for construction.

6. The DEPARTMENT shall review and has approval authority for all aspects of the PROJECT. The DEPARTMENT will work with the FHWA to obtain all needed approvals with information furnished by the CITY.

7. Upon the CITY's determination of the rights of way required for the PROJECT and the approval of the right of way plans by the DEPARTMENT, the CITY shall fund the acquisition and acquire the necessary rights of way for the PROJECT. Right of way acquisition shall be in accordance with the law and the rules and regulations of the FHWA including but not limited to, Title 23, United States Code; 23 CFR 710, et. seq., and 49 CFR Part 24, and the rules and regulations of the DEPARTMENT. Failure to follow these requirements will result in loss of Federal funding for the PROJECT and it will be the responsibility of the CITY to make up the loss of that funding. All required right of way shall be obtained and cleared of obstructions, including underground storage tanks, prior to the DEPARTMENT's advertising the PROJECT for bids. The CITY shall further be responsible for making all changes to the approved right of way plans, as deemed necessary by the DEPARTMENT, for whatever reason, as needed to purchase the right of way or to match actual conditions encountered.

8. The CITY shall be responsible for the design of any bridges which lie within the limits of this PROJECT. The CITY shall be responsible for providing all necessary survey information required for the completion of the hydraulic study report. The CITY shall perform all necessary survey efforts regarding the design of the bridge and shall incorporate these plans into this PROJECT as a part of this Agreement.

9. The CITY shall be responsible for all utility relocation costs necessary for the construction of the PROJECT.

10. The CITY shall be responsible for all costs for providing energy, maintenance, and operational costs of any roadway and interchange lighting within the PROJECT limits.

11. The CITY shall be responsible for all costs for the continual maintenance and the continual operations of any and all sidewalks within the PROJECT limits.

12. The CITY shall follow the DEPARTMENT's procedures for identification of existing and proposed utility facilities on the PROJECT. These procedures, in part, require all requests for existing, proposed, or relocated facilities to flow through the DEPARTMENT's Project Liaison and the District Utilities Engineer.

13. The CITY shall address all railroad concerns, comments, and requirements to the satisfaction of the DEPARTMENT.

14. Upon completion and approval of the PROJECT plans, certification that all needed rights of way have been obtained and cleared of obstructions, and that certification that all needed permits for the PROJECT have been obtained by the CITY, the DEPARTMENT shall let the PROJECT for construction. Except as provided herein and upon receipt of an acceptable bid, the DEPARTMENT shall bear all costs for construction, including all costs associated with inspection and materials testing during construction. The DEPARTMENT shall be solely responsible for securing and awarding the construction contract for the PROJECT.

15. The CITY agrees that all reports, plans, drawings, studies, specifications, estimates, maps, computations, computer diskettes and printouts, and any other data prepared under the terms of this agreement shall become the property of the DEPARTMENT. This data shall be organized, indexed, bound, and delivered to the DEPARTMENT no later than the advertisement of the PROJECT for letting. The DEPARTMENT shall have the right to use this material without restriction or limitation and without compensation to the CITY.

of the PROJECT for letting. The DEPARTMENT shall have the right to use this material without restriction or limitation and without compensation to the CITY.

16. The CITY shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by or on behalf of the CITY pursuant to this AGREEMENT. The CITY shall correct or revise, or cause to be corrected or revised, any errors or deficiencies in the designs, drawings, specifications, and other services furnished for this PROJECT. Failure by CITY to address the errors or deficiencies within 30 days shall cause the CITY to assume all responsibility for construction delays caused by the errors and deficiencies. All revisions shall be coordinated with the DEPARTMENT prior to issuance. The CITY shall also be responsible for any claim, damage, loss or expense that is attributable to negligent acts, errors, or omissions related to the designs, drawings, specifications, and other services furnished by or on behalf of the CITY pursuant to this AGREEMENT.

17. The CITY shall review and recommend all shop drawings for approval to the DEPARTMENT for approval by the DEPARTMENT.

18. This AGREEMENT is made and entered into in Fulton County, Georgia, and shall be governed and construed under the laws of the State of Georgia. The covenants herein contained shall, except as otherwise provided, accrue to the benefit of and be binding upon the successors and assigns of the parties hereto.

IN WITNESS WHEREOF, the DEPARTMENT and the CITY have caused these presents to be executed under seal by their duly authorized representatives.

**RECOMMENDED:**

James A. Kennerly  
James A. Kennerly  
State Road and Airport Design Engineer

Thomas L. Turner  
Thomas L. Turner, P.E.  
Director of Preconstruction

Frank L. Danchetz  
Frank L. Danchetz, P.E.  
Chief Engineer

**DEPARTMENT OF TRANSPORTATION**

Wayne Shackelford  
Wayne Shackelford  
Commissioner

**ATTEST:**

Billy F. Sharp  
Billy F. Sharp  
Treasurer

**REVIEWED AS TO LEGAL FORM:**

Sandra Beyers 4-21-00  
Office of Legal Services

CITY OF ROSWELL, Fulton County,  
Georgia

BY: Jeff Wood  
Jeff Wood, Mayor

Signed, sealed and delivered this 10<sup>th</sup> day  
of April, 1999, in the  
presence of: 2nd copy

G.W. Johnson  
Witness **G.W. Johnson, City Administrator**

Mary Patricia King  
Notary Public  
Notary Public, Fulton County, Georgia  
My Commission Expires Dec. 15, 2001

This Agreement approved by the City  
Council of Roswell at a meeting held at  
38 Hill St. Roswell, GA  
this 7<sup>th</sup> day of Feb, 1999. 2000  
908

**APPROVED AS TO FORM:**

Michael E. Secunia  
City Attorney

# DEPARTMENT OF TRANSPORTATION

## STATE OF GEORGIA

### CONCEPT REPORT

S. R. 9 & Oxbo Street Intersection Improvements  
Project Number STP-0000-00(198) – City of Roswell  
County Fulton  
P. I. Number: 0000198

Federal Route Number: NA  
State Route Number: 9

SEE LOCATION MAP

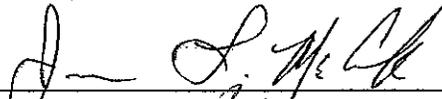
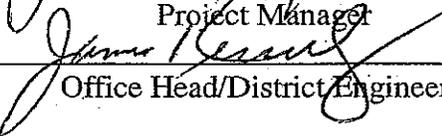
Date of Report: November 27, 2001

Revised:

Recommendation for approval:

DATE 11-28-01

DATE 12-03-01

  
\_\_\_\_\_  
Project Manager  
  
\_\_\_\_\_  
Office Head/District Engineer

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

DATE 12/26/01

  
\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Other Offices as required such as; Bridge Design, etc.

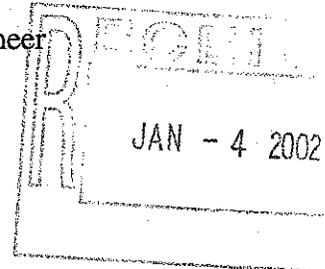
Department of Transportation  
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP-0000-00(198), Fulton County  
P.I. No. 0000198

Office: Traffic Safety & Design  
Atlanta, Georgia  
Date: December 27, 2001

From: <sup>PMA/sg</sup> Phillip M. Allen, State Traffic Safety and Design Engineer  
To: Wayne Hutto, Assistant Director of Preconstruction  
Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed intersection improvements along State Route 9 at Oxbo Street in Fulton County.

The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keepler, State Environment/Location Engineer  
Michael Malcom, District Preconstruction Engineer  
David Mulling, State Review Engineer, w/ attachment  
Marta Rosen, State Transportation Planning Administrator  
Paul Liles, State Bridge & Structural Design Engineer  
Chuck Hasty, TMC  
General Files  
Office Files

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
CONCEPT REPORT**

S. R. 9 & Oxbo Street Intersection Improvements  
Project Number STP-0000-00(198) – City of Roswell  
County Fulton  
P. I. Number: 0000198

Federal Route Number: NA  
State Route Number: 9

SEE LOCATION MAP

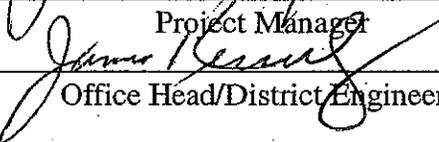
Date of Report: November 27, 2001

Revised:

Recommendation for approval:

DATE 11-28-01

DATE 12-03-01

  
\_\_\_\_\_  
Project Manager  
  
\_\_\_\_\_  
Office Head/District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE 12/27/01

  
\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Other Offices as required such as; Bridge Design, etc.

# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## CONCEPT REPORT

S. R. 9 & Oxbo Street Intersection Improvements  
Project Number STP-0000-00(198) – City of Roswell  
County Fulton  
P. I. Number: 0000198

Federal Route Number: NA  
State Route Number: 9

SEE LOCATION MAP

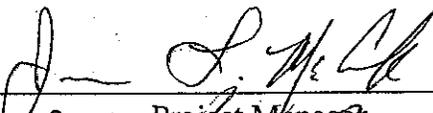
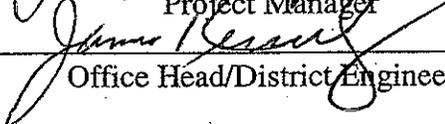
Date of Report: November 27, 2001

Revised:

Recommendation for approval:

DATE 11-28-01

DATE 12-03-01

  
\_\_\_\_\_  
Project Manager  
  
\_\_\_\_\_  
Office Head/District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety & Design Engineer

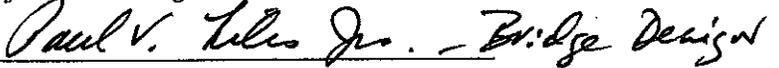
DATE \_\_\_\_\_

\_\_\_\_\_  
District Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE 1/7/02

  
\_\_\_\_\_  
Other Offices as required such as; Bridge Design, etc.

**DEPARTMENT OF TRANSPORTATION**  
**STATE OF GEORGIA**  
CONCEPT REPORT

S. R. 9 & Oxbo Street Intersection Improvements  
Project Number STP-0000-00(198) – City of Roswell  
County Fulton  
P. I. Number: 0000198

Federal Route Number: NA  
State Route Number: 9

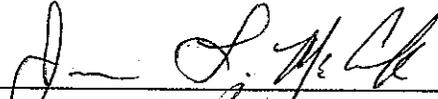
SEE LOCATION MAP

Date of Report: November 27, 2001

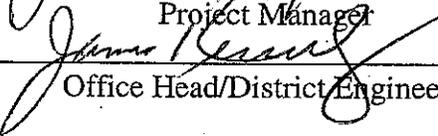
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DATE 11-28-01

  
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Project Manager

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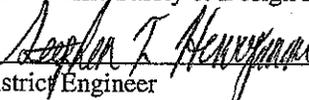
DATE \_\_\_\_\_

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State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic, Safety & Design Engineer

DATE 1-7-02

  
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**DEPARTMENT OF TRANSPORTATION**  
**STATE OF GEORGIA**  
CONCEPT REPORT

S. R. 9 & Oxbo Street Intersection Improvements  
Project Number STP-0000-00(198) – City of Roswell  
County Fulton  
P. I. Number: 0000198.

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SEE LOCATION MAP

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*[Signature]*  
\_\_\_\_\_  
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DATE 12-03-01

*[Signature]*  
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DATE 12/18/01

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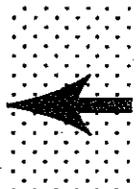
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# DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

## CONCEPT REPORT

S. R. 9 & Oxbo Street Intersection Improvements  
Project Number STP-0000-00(198) – City of Roswell  
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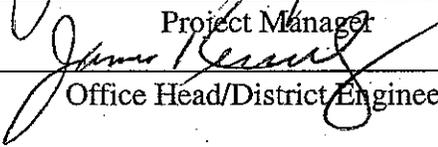
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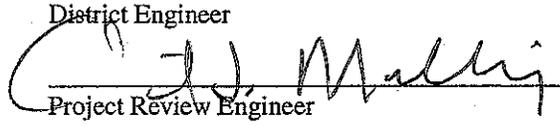
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District Engineer

DATE 12/27/01

  
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Project Review Engineer

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