ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0006435
CSSTP-0006-00(435)
Grady County

OFFICE Design Policy & Support

DATE March 26, 2010

SR 93 @ CR 85/Joyner Rd - Addition of
Turn Lanes on SR 93

FROM for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT **APPROVED CONCEPT REPORT WITH NOTICE OF LOCATION & DESIGN**

Attached is the approved Concept Report with Notice of Location and Design for the above subject project.

Attachment

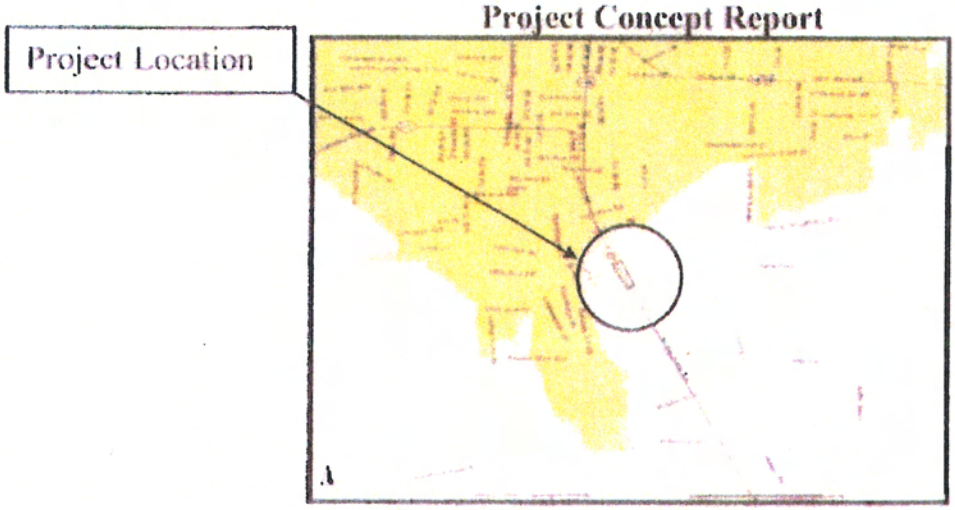
DISTRIBUTION:

Genetha Rice-Singleton, Program Control Adminstrator
Ron Wishon, State Project Review Engineer
Glenn Bowman, State Environmental Administrator
Ken Thompson, Statewide Location Bureau Chief
Michael Henry, Systems & Classification Branch Chief
Keith Golden, State Traffic Operations Engineer
Angela Alexander, State Transportation Planning Administrator
Bobby Hilliard, State Program Delivery Engineer
Angela Robinson, Financial Management Administrator
Jeff Baker, State Utilities Engineer
Timothy Warren, Tifton District Utilities Engineer
Brent Thomas, Tifton District Preconstruction Engineer
Shane Pridgen, Tifton District Planning & Programming Engineer
Joe Sheffield, Tifton District Engineer
Ralph Griffin, Project Manager
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Project Number: CSSTP 0006-00(435)
County: Grady
P.I. Number: 0006435

Project Concept Report



State Route Number: SR 93 @ Joyner Rd.

Reconstruction/Rehabilitation: Turn Lanes on SR 93 @ Joyner Rd.
Recommended for approval:

DATE: 9-16-09 — Project Manager

DATE: 9-18-09 — Joe W. Sheffield, District Engineer

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

DATE: 10/5/2009 — Angela T. Alexander, State Transportation Planning Administrator

DATE: _____ — Financial Management Administrator

DATE: 10/15/2009 — Glenn Bowman/DRP (approval on file), State Environmental/Location Engineer

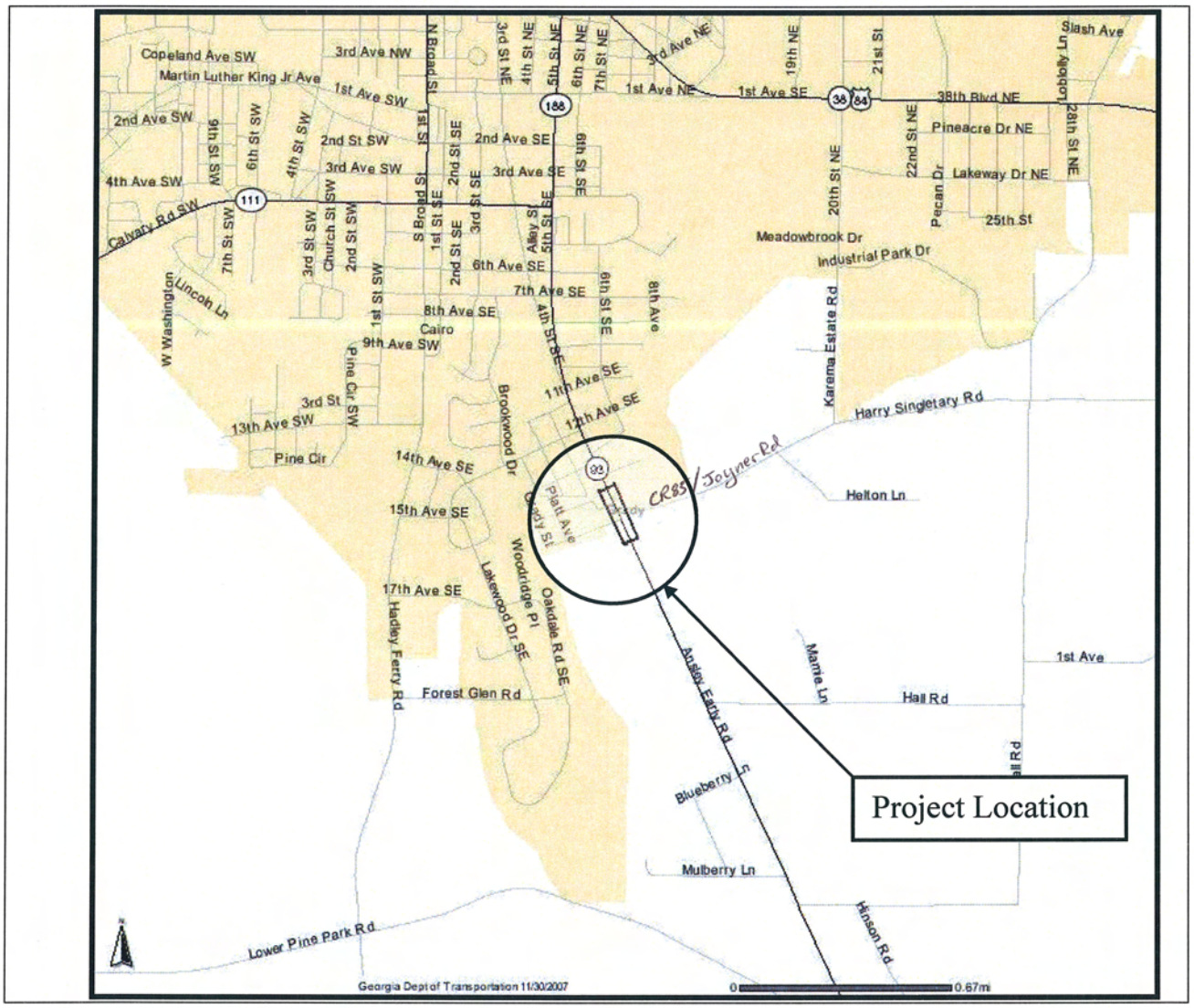
DATE: _____ — State Traffic Safety and Design Engineer

DATE: _____ — Project Review Engineer

*Project included in previous TIP/STIP and is in the current LRTP. Phase will be added to current/future TIP/STIP as funding and need become available upon approval by the Director of Planning.

State of Georgia Department of Transportation

LOCATION MAP



NEED AND PURPOSE
PROJECT CSSTP-0006-00(435) GRADY COUNTY
P.I. NO 0006435
TURN LANES
SR 93 at JOYNER ROAD

Background

State Route 93 is located in Southwest Georgia in Grady County, just south of the city of Cairo. It primarily travels north and south outside the city. The posted speed limit is 45 miles per hour. The current existing road is a 2-lane section with a total width of 24' that intersects at County Road 85, better known as Joyner Road near mile point 11.11. The land use in the area of this section of road is primarily residential and commercial. This roadway is not a GRIP corridor, nor is it on the National Highway System.

Crash Data

Between the years of 2004 and 2006 there were 48 crashes reported between mile point 10.48 and 11.68, which is the area of the intersection. In 2004, the number of crashes totaled 15 for this section of roadway. There were 8 injuries with no fatalities. For 2005, there were 17 crashes, 4 injuries and no fatalities. In 2006, there were 16 crashes, 4 injuries and no fatalities. A detailed analysis below indicates that most crash types were 'rear-end' crashes with 52%. The second most occurring type was 'angle' crashes at 27%. There appears to be no obstructions causing limited sight distance and the intersection is mostly perpendicular to SR 93. Figure 1 summarizes the crash data for SR 93 from mile point 10.48-11.68 for the years 2004, 2005, and 2006.

Figure 1

Type of Collision	Count	Percentage
Angle	13	27.08%
Rear End	25	52.08%
Sideswipe-same	2	4.17%
Sideswipe-opposite	1	2.08%
Non-vehicle	6	12.50%
Head On	1	2.08%
Total	48	100.00%

Based on data from SR 93 and the statewide accident report, from 2004-2006 the accident and injury rate was considerably higher than the statewide average for each year analyzed. Figure 2 summarizes SR 93 crash data versus statewide data.

Figure 2 Grady County Crash Data

SR 93						
Mile Point 10.48-11.68						
	2004		2005		2006	
	SR 93	State	SR 93	State	SR 93	State
Accidents	15		17		16	
Accident Rate	558	258	746	186	676	197
Injury Rate	297	85	176	65	169	68
Fatalities	0		0		0	
Fatality Rate	0	2.93	0	2.85	0	2.93

Traffic Demand and Operational Analysis

SR 93 near Joyner Rd. is classified as a rural minor arterial carrying a total of approximately 6700 average daily traffic (ADT) in the year 2006, which is equivalent to 140 vehicles per hour (VPH). As a result, a Level of Service (LOS) is calculated as "C", which is an acceptable traffic condition. In the year 2011, this section of roadway is expected to carry 7100 ADT and 148 VPH, which is also a LOS of "C". And in the year 2031, the expected traffic is predicted to be 9550 ADT and 199 VPH respectively, which also carries a LOS of "C". Approximately 12% of the traffic is considered truck/bus volume. Levels of Service "A", "B", and "C" are considered acceptable travel conditions.

Population/Census

The population for Grady County, according to the U.S. Census Bureau, was approximately 23,600 in 2000. In the most recent data, the county was estimated at 25,000 people in 2006. About 15,200 of whites/Caucasians made up 64% of the population. Roughly 7100 of blacks/African Americans made up about 30% of the county's overall population, as well as the leading minority as of the 2000. Nearly 5,000 or 21% of the individuals lived under the poverty level; and about 1,100 or 16% of the families were under the poverty level during the same year.

Conclusion

The proposed project to construct turn lanes is needed to increase safety on SR 93 near the Joyner Rd. intersection. This project will accommodate vehicles as they execute turns or wait for gaps in approaching traffic and would also provide a safer traveling environment. Accident analysis indicates that the accident rates are higher than average for a similar facility. This proposed project is not located on a state or local bicycle route. **Project is located in Grady County, 1.2 miles south of Cairo, GA., in the 18th Land District, Land Lot 62, 63, 98, and 99, and GA Militia District 753. The proposed project will be approximately 0.232 miles in length.**

10 September 2009 **State of Georgia Department of**
Project Concept Report Page: 5 **Transportation**
Project Number: CSSTP-0006-00(435)
P. I. Number: 0006435
County: Grady

Project Description
This project will construct a left turn lane in the southbound direction and a right turn lane in the northbound direction on SR 93 to increase safety at the intersection of Joyner Rd. Project is located in Grady County, 1.2 miles south of Cairo, GA., in the 18th Land District, Land Lot 62, 63, 98, and 99, and GA Militia District 753. The proposed project will be approximately 0.232 miles in length.

Is the project located in a Non-attainment area? ☐ **Yes** ☒ **No**

PDP Classification: Major ☐, **Minor** ☒
Federal Oversight: Full Oversight ☐, **Exempt** ☒, **State Funded** ☐, **or Others** ☐

Functional Classification: Rural Minor Arterial

U. S. Route Number(s): _____ **State Route Number(s):** 93
Traffic (AADT):
Base Year: (2011) 7100 **Design Year: (2031)** 9550
Existing Design Features:

- Typical Section:
  SR 93 @ Joyner Rd. – Rural Minor Arterial – 2-12' travel lanes, 4' grassed shoulders & open ditches
  - Posted Speed: 45 mph Maximum degree curvature: None
  - Maximum Grade: 3.4000%
  - Width of right of way: 100 ft
  - Major structures: None
  - Major interchanges or intersections along the project: Joyner Road
  - Existing length of roadway segment and the beginning mile logs for each county segment: Project begins at MP 10.48 and extends northward approximately 0.23 miles.

Proposed Design Features:

- Proposed typical section(s): 2-12' travel lanes, 1-12' Left Turn Lane, 1-12' Right Turn Lane, 10' shoulders, 6.5' paved with open ditches
- Proposed Design Speed Mainline: 45 mph
- Proposed Maximum grade Mainline: 3.41% Maximum grade allowable:7%
- Proposed Maximum grade Side Street: 0.44 % Maximum grade allowable: N/A %
- Proposed Maximum grade driveway: 10 %
- Proposed Maximum degree of curve: None Maximum degree allowable: 6°00'

- Right of way
  Width: Varies 50 ft. to 75 ft.
  Easements: Temporary ☒, Permanent ☐, Utility ☐, Others ☐

Type of access control: Full☐, Partial☐, By Permit☒, Others ☐
Number of parcels: 8
Number of displacements:
⇒ Business: 0
⇒ Residents: 0
⇒ Mobile homes: 0
⇒ Others: 0

- Structures:
  Bridges: None
- Retaining walls: None
- Major intersections and interchanges: SR 93 @ Joyner Rd.
- Traffic control during construction: Traffic to be maintained on existing alignment.
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
HORIZONTAL ALIGNMENT	☐	☐	☒
ROADWAY WIDTH	☐	☐	☒
SHOULDER WIDTH	☐	☐	☒
VERTICAL GRADES	☐	☐	☒
CROSS SLOPES	☐	☐	☒
STOPPING SITE DISTANCE	☐	☐	☒
SUPERELEVATION RATES	☐	☐	☒
HORIZONTAL CLEARANCE	☐	☐	☒
SPEED DESIGN	☐	☐	☒
VERITCAL CLEARANCE	☐	☐	☒
BRIDGE WIDTH	☐	☐	☒
BRIDGE STRUCTURAL CAPACITY	☐	☐	☒

Design Variances: None anticipated
Environmental concerns: Historic Property & Underground Storage Tanks

- Level of environmental analysis:
  ⇒ Are Time Saving Procedures appropriate? Yes ☒, No ☐
  ⇒ Categorical Exclusion: ☒
  ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) ☐, or
  ⇒ Environmental Impact Statement (EIS)☐.
- Utility involvement: City Of Cairo Mediacom
  Southern Natural Gas Windstream

Project responsibilities:
⇒ Design: GDOT
⇒ Right of Way Acquisition: GDOT
⇒ Relocation of Utilities: Utility Owners
⇒ Letting to contract, GDOT

⇒ Supervision of construction: GDOT
⇒ Providing material pits: N/A
⇒ Providing detours: N/A

Coordination:

- Initial Concept Meeting Date:
- Concept Meeting Date: May 7, 2009
- P. A. R. Meeting Date: _____
- Public involvement:
- Local government comments: None
- Other projects in area: None
- Other coordination to date: None
- Railroads: None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 18 Months.
- Time to complete preliminary construction plans: 12 Months.
- Time to complete right of way plans: 12 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 12 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: None

Other alternates considered: None

Comments:

Attachments:

1. Typical Sections
2. Cost Estimates
3. Accident Summaries
4. Traffic Assignments
5. Concept Meeting Minutes
6. Local Government Responsibilities
7. Location and Design Notice
8. Preliminary Plan Layout

10 September 2009
Project Concept Report Page: 8
Project Number: CSSTP-0006-00(435)
P.I. Number 0006435
County: Grady

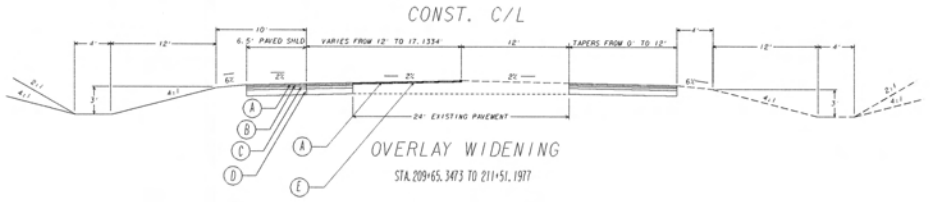
State of Georgia Department of Transportation

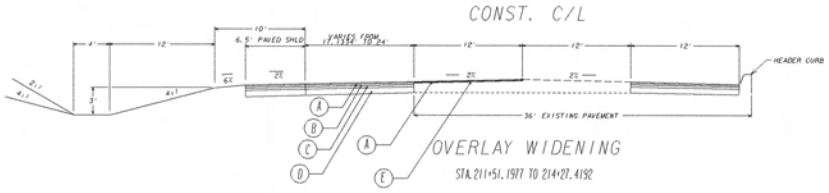
Concur: _____
Director of Engineering

Approve: _____ Date: 3/19/2010
Chief Engineer

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSSTP-0006-00(435)		

TYPICAL SECTIONS





(A) 135 LB/SQ.YD. ASPH. CONC. 9.5mm SUPERPAVE, TYPE II, GP 2 ONLY. INCL BITUM MATL & H LIME
(B) 220 LB/SQ.YD. ASPH CONC 19mm SUPERPAVE, GP 1 OR 2. INCL BITUM MATL & H LIME
(C) 550 LB/SQ.YD. ASPH CONC 25mm SUPERPAVE, GP 1 OR 2. INCL BITUM MATL & H LIME
(D) 10 INCHES GRADED AGGREGATE BASE
(E) LEVELING AS DIRECTED BY THE ENGINEER

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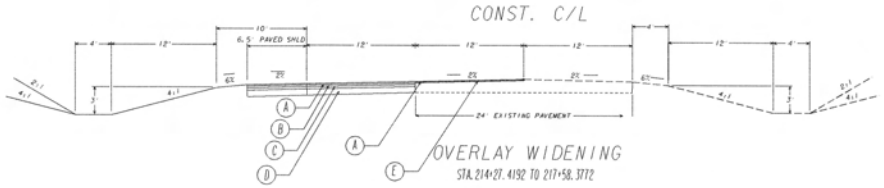
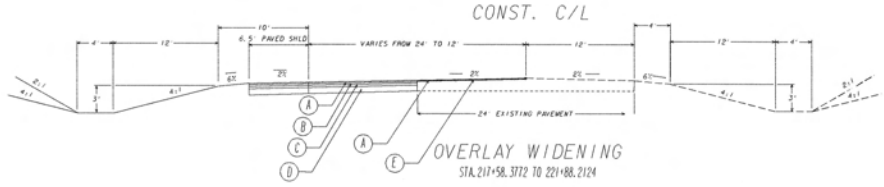
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSSTP-0006-00(435)		

TYPICAL SECTIONS





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DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: PROJECT No. CSSTP-0006-00(435), GRADY COUNTY
Turn Lanes on SR 93 @ Joyner Rd
P.I. No. 0006435

OFFICE: Tifton, GA

DATE: 10/14/2009

FROM RALPH S. GRIFFIN

TO Ronald E. Wishon, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER RALPH S. GRIFFIN

MNGT LET DATE 10/15/2010

MNGT R/W DATE 10/15/2009

PROGRAMMED COST (TPro W/OUT INFLATION)		**LAST ESTIMATE UPDATE**	
CONSTRUCTION	$200,000.00	DATE 7/31/2008	
RIGHT OF WAY	N/A	DATE:	N/A
UTILITIES	N/A	DATE:	N/A

REVISED COST ESTIMATES

CONSTRUCTION*	$312,306.43	$300,364.43 w/o Contigencies
RIGHT OF WAY	$326,650.00	
UTILITIES**	$208,305.00	

* Costs contain 5% Engineering and Inspection and 5% Construction Contingencies and Fuel and Liquid AC Adjustments.

** Costs contain 30% contingency.

REASON FOR COST INCREASE: Concept

CONTINGENCY SUMMARY

Construction Cost Estimate:	$238,840.00	(Base Estimate)
Engineering and Inspection:	$11,942.00	(Base Estimate x 5 %)
Construction Contingency:	$11,942.00	(Base Estimate x 5 %) (The Construction Contingency is based on the Project Improvement Type in TPro.)
Total Fuel Adjustment	$ 16,528.20	(From attached worksheet)
Total Liquid AC Adjustment	$ 33,054.23	(From attached worksheet)
Construction Total:	$312,306.43	
Utility Cost Estimate:	$100,000.00	
Utility Contingency:	$108,305.00 30%	
Utility Total:	$ 208,305.00	

REIMBURSABLE UTILITY COST

Utility Owner	Reimbursable Costs
Windstream	$100,000.00

Attachments

c: Genetha Rice - Singleton, State Program Control Administrator

Estimate Report for file "0006435"

Section ROADWAY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	Lump	LS	30000.00	TRAFFIC CONTROL -	30000.00
210-0100	Lump	LS	23956.99	GRADING COMPLETE -	23956.99
310-5100	2416	SY	16.44	GR AGGR BASE CRS, 10 INCH, INCL MATL	39719.04
318-3000	100	TN	21.06	AGGR SURF CRS	2106.00
402-1812	147	TN	69.44	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	10207.68
402-3103	280	TN	67.59	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, TYPE II, GP 2 ONLY, INCL BITUM MATL & H LIME	18925.20
402-3121	664	TN	59.47	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	39488.08
402-3190	266	TN	68.26	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2,INCL BITUM MATL & H LIME	18157.16
413-1000	357	GL	2.15	BITUM TACK COAT	767.55
441-3999	30	LF	20.02	CONCRETE V GUTTER	600.60
441-5001	213	LF	13.75	CONCRETE HEADER CURB, 4 IN, TP 1	2928.75
550-2182	136	LF	32.05	SIDE DRAIN PIPE, 18 IN, H 15-20	4358.80
550-3618	16	EA	543.14	SAFETY END SECTION 18 IN, SIDE DRAIN, 6:1 SLOPE	8690.24
634-1200	12	EA	96.88	RIGHT OF WAY MARKERS	1162.56
				Section Sub Total:	**$201,068.65**

Section TEMPORARY EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	1	AC	375.19	TEMPORARY GRASSING	375.19
163-0240	3	TN	164.91	MULCH	494.73
163-0300	2	EA	1220.17	CONSTRUCTION EXIT	2440.34
163-0528	1224	LF	3.85	CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE	4712.40
165-0030	493	LF	0.79	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	389.47
165-0041	612	LF	1.94	MAINTENANCE OF CHECK DAMS - ALL TYPES	1187.28
165-0101	2	EA	500.48	MAINTENANCE OF CONSTRUCTION EXIT	1000.96
167-1000	2	EA	559.68	WATER QUALITY MONITORING AND SAMPLING	1119.36
167-1500	18	MO	746.02	WATER QUALITY INSPECTIONS	13428.36
171-0030	985	LF	3.67	TEMPORARY SILT FENCE, TYPE C	3614.95
				Section Sub Total:	**$28,763.04**

Section PERMANENT EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	1	AC	824.81	PERMANENT GRASSING	824.81
700-7000	1	TN	65.41	AGRICULTURAL LIME	65.41
700-7010	2	GL	22.15	LIQUID LIME	44.30
700-8000	1	TN	458.16	FERTILIZER MIXED GRADE	458.16
700-8100	50	LB	2.34	FERTILIZER NITROGEN CONTENT	117.00
				Section Sub Total:	**$1,509.68**

Section HIGHWAY SIGNING AND STRIPING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	27	SF	16.66	HIGHWAY SIGNS, TP 1 MATL, REFL	449.82

				SHEETING, TP 3	
636-1033	16	SF	20.25	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	324.00
636-2070	168	LF	9.01	GALV STEEL POSTS, TP 7	1513.68
652-0120	3	EA	49.00	PAVEMENT MARKING, ARROW, TP 2	147.00
653-1501	2444	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	1124.24
653-1502	6076	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	2794.96
653-1706	296	LF	3.00	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, YELLOW	888.00
654-1001	62	EA	3.05	RAISED PVMT MARKERS TP 1	189.10
654-1003	21	EA	3.23	RAISED PVMT MARKERS TP 3	67.83
				Section Sub Total:	**$7,498.63**

Total Estimated Cost: $238,840.00

Subtotal Construction Cost	**$238,840.00**
E&C Rate 5.0 %	$11,942.00
Inflation Rate 0.0 % @ 0 Years	$11,942.00
Total Construction Cost	**$262,724.00**
Right Of Way	$0.00
ReImb. Utilities	$0.00
Grand Total Project Cost	**$262,724.00**

Date 9/16/2009

P.I. Number 6435 County GRADY

Project Number CSSTP-0006-00(435)

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT *(ENGLISH 125% MAX)*

ENTER FPL DIESEL	2.592
ENTER FPM DIESEL	5.832

ENTER FPL UNLEADED	2.444
ENTER FPM UNLEADED	5.499

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 **(CUBIC YARD)**		0.29		0.15		
Excavations paid as specified by Sections 206 **(CUBIC YARD)**		0.29		0.15		
GAB paid as specified by the ton under Section 310 **(TON)**	1358.000	0.29	393.82	0.24	325.92	
Hot Mix Asphalt paid as specified by the ton under Sections 400 **(TON)**		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 **(TON)**	1357.000	2.90	3935.30	0.71	963.47	
PCC Pavement paid as specified by the square yard under Section 430 **(SY)**		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS

Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		

SUM QF DIESEL=	**4329.12**	**SUM QF UNLEADED=**	**1289.39**

DIESEL PRICE ADJUSTMENT($)	**$12,904.24**
UNLEADED PRICE ADJUSTMENT($)	**$3,623.96**

ASPHALT CEMENT PRICE ADJUSTMENT
(BITUMINOUS TACK COAT 125% MAX)

APPLICABLE TO CONTRACTS/PROJECTS CONTAINING THE 413 SPECIFICATION, SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

ENTER APL	397	ENTER APM	893.25

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000	PG 67-22	357	1.5334	

TMT = 1.5334

PRICE ADJUSTMENT($)	$730.49

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL	397	ENTER APM	893.25

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

125.00%	INCREASE ADJUSTMENT

L.I.N. / Spec Number	MIX TYPE	HMA	JMF AC%	AC	REMARKS
402-1812		147	5.00	7.35	LEVELING
402-3103	9.5 mm SP	280	5.00	14.00	
402-3121	19 mm SP	266	5.00	13.30	
402-3121	25 mm SP	664	5.00	33.20	
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
		TMT =		67.85	

PRICE ADJUSTMENT($)	$32,323.74

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

ENTER APL 397 ENTER APM 893.25

125.00%	INCREASE ADJUSTMENT

Use this side for Asphalt Emulsion Only

L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)

TMT =

REMARKS:

Use this side for Asphalt Cement Only

L.I.N.	TYPE	TACK (GALLONS)

TMT =

REMARKS:

MONTHLY PRICE ADJUSTMENT($)	

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT *(ENGLISH 125% MAX)*

DIESEL PRICE ADJUSTMENT($)	$12,904.24
UNLEADED PRICE ADJUSTMENT($)	$3,623.96
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$730.49
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$32,323.74
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	

REMARKS:

TOTAL ADJUSTMENTS	$49,582.43

DWM 10/08

ACCIDENT RATE CALCULATION for year(s) 2004,2005,2006,2007,2008,2009

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2004	Grady	1	009300	11.00	11.25	6,140	0.25	1,535

Total Vehicle Miles: 1,535	Total Accidents: 4	Accident Rate: 714
Average ADT: 6,140	Total Injuries: 1	Injury Rate: 178
Length in Miles: 0.25	Total Fatalities: 0	Fatality Rate: 0.00

NOTE: Rates are per 100 Million Vehicle Miles

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2005	Grady	1	009300	11.00	11.25	4,800	0.25	1,200

Total Vehicle Miles: 1,200	Total Accidents: 6	Accident Rate: 1,370
Average ADT: 4,800	Total Injuries: 1	Injury Rate: 228
Length in Miles: 0.25	Total Fatalities: 0	Fatality Rate: 0.00

NOTE: Rates are per 100 Million Vehicle Miles

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2006	Grady	1	009300	11.00	11.25	5,010	0.25	1,253

Total Vehicle Miles: 1,253	Total Accidents: 0	Accident Rate: 0
Average ADT: 5,010	Total Injuries: 0	Injury Rate: 0
Length in Miles: 0.25	Total Fatalities: 0	Fatality Rate: 0.00

NOTE: Rates are per 100 Million Vehicle Miles

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2007	Grady	1	009300	11.00	11.25	5,080	0.25	1,270

Total Vehicle Miles: 1,270	Total Accidents: 4	Accident Rate: 863
Average ADT: 5,080	Total Injuries: 2	Injury Rate: 431

Length in Miles: 0.25	Total Fatalities: 1	Fatality Rate: 215.73

NOTE: Rates are per 100 Million Vehicle Miles

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2008	Grady	State Route	009300	0	0	0	0.00	0

Total Vehicle Miles: 0	Total Accidents: 5	Accident Rate: 0
Average ADT: 0	Total Injuries: 1	Injury Rate: 0
Length in Miles: 0.00	Total Fatalities: 0	Fatality Rate: 0.00

NOTE: Rates are per 100 Million Vehicle Miles

Year	County	Rt Type	Route Num	Low Milelog	High Milelog	ADT	Distance	Vehicle Miles
2009	Grady	State Route	009300	0	0	0	0.00	0

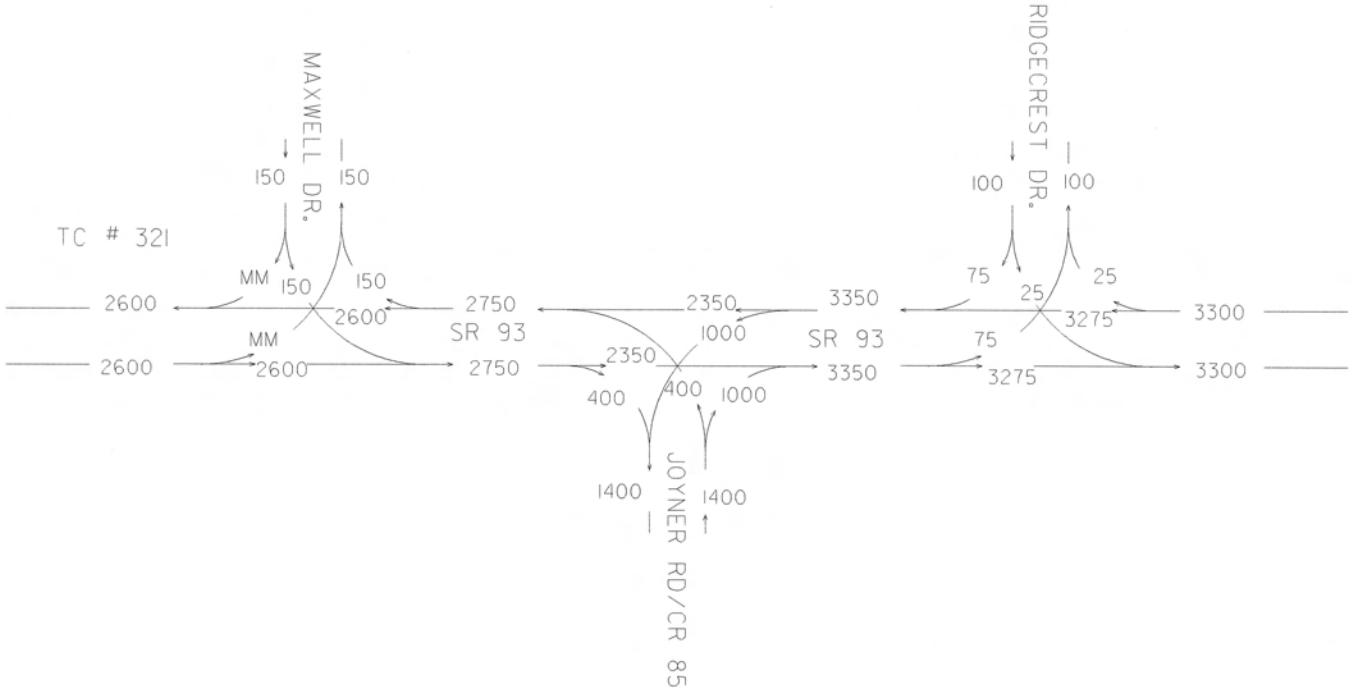
Total Vehicle Miles: 0	Total Accidents: 1	Accident Rate: 0
Average ADT: 0	Total Injuries: 0	Injury Rate: 0
Length in Miles: 0.00	Total Fatalities: 0	Fatality Rate: 0.00

NOTE: Rates are per 100 Million Vehicle Miles

SHEET 1 OF 1

GRADY COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION



CSSTP-0006-00(435)
P.I. # 0006435
GRADY COUNTY

SR 93 @ JOYNER RD

EXISTING 2007
TRAFFIC

NSN
11/07

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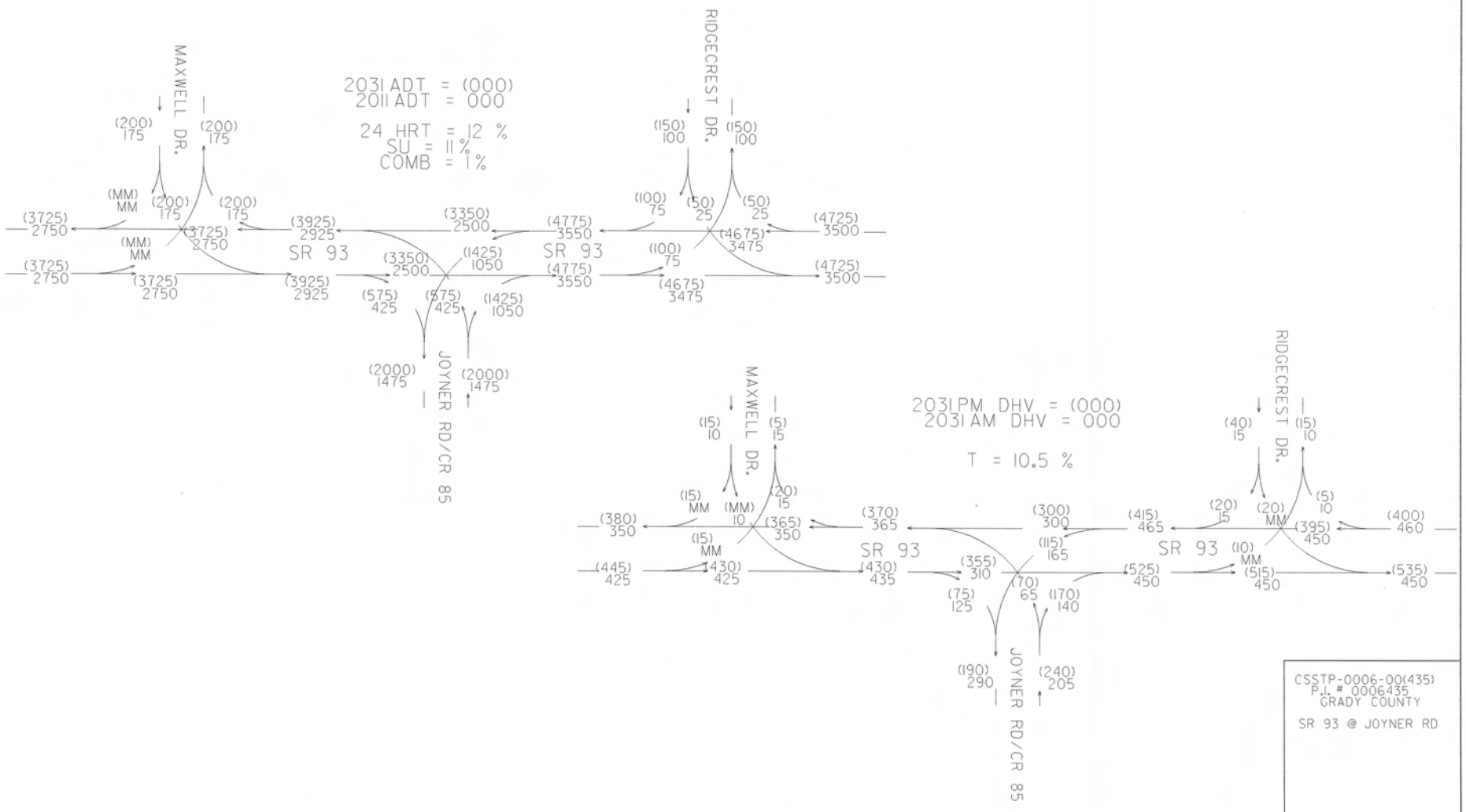
SHEET 1 OF 1

GRADY COUNTY

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION



CSSTP-0006-00(435)
P.I. # 0006435
GRADY COUNTY

SR 93 @ JOYNER RD

NSN
11/07

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CSSTP-0006-00(435), GRADY COUNTY
PI NO. 0006435
Turn lanes on SR 93 @ Joyner Road

Minutes of Concept Meeting

A design concept meeting for the above project was held on Thursday, May 7th of 2009. The meeting was requested and conducted by Ralph Griffin, GDOT Project Manager. The meeting was held at the GDOT District 4 assembly room and began at 10:00 am. The meeting began with a review of the Draft Concept Report. A sign-in sheet was passed around and will be made a part of the minutes. After the concept was read by Ralph Griffin the following items were discussed:

- Dennis Carter, District Environmentalist, stated that the level of Environmental Analysis is expected to be a Categorical Exclusion with a USACOE 404 Nationwide 23 Permit. He stated that there are no wetland and has two Underground Storage Tanks at the Southwest of the intersection. He stated that there is a Historical property present and possibly more historical property but the Archaeology survey is required. He also stated that there is no endangered species on the job site.
- Joe Cowan, District Construction Engineer, asked was there any work being done to Joyner Road and was wondering could we realign Joyner to tie-in to Maxwell Drive.
- Randy Herrin, GDOT Construction, mentioned Joyner Road would become a truck route in the future.
- Rick Kines, City of Cairo, asked with buying 12' more of right of way and relocate whole pole line, is there going to be any compensation to move lines, where's does the property ends, and what makes the property to be listed as Historical?
- Brent Thomas, GDOT Preconstruction Engineer, explained about the historical classification.
- Joe Cowan mentioned that with the taper stripping, there will be a problem with traffic turning onto and out from Maxwell Drive. He also stated that if the right shoulder is going to be used as a right turn lane onto Joyner Road, than the shoulder could be brought up to standard for a turn lane.
- Dallas Norman, Southern Natural Gas, commented that they are on the east side of the road so there are not any impacts.
- Jason Gaines, Windstream, asked the question if it is possibly to eliminate the ditch on the west side.
- Bill Cooper, District Utilities, explained the clear zone requirements on utility poles based on speed limits.
- Rick Kines asked with moving the poles back that violates their code, how do we handle that situation?

CSSTP-0006-00(435), GRADY COUNTY
PI NO. 0006435
Turn lanes on SR 93 @ Joyner Road

- Bill Cooper responded that it is based on a case by case basis and if the poles can't be moved than there would be exceptions.
- Mike Hudson, City of Cairo Gas, asked the question on the relocation of fire hydrants.
- Bill Cooper commented that they would have to be breakaways hydrants to remain at that distance.
- Mike Hudson stated that most of the driving public uses Joyner Road as a bypass to US 84 and trucks uses Joyner and turn south onto SR 93 to bypass Cairo.
- Ray Thomas, Mediacom, commented that they have fiber running through but is not a problem.
- Joe Cowan asked the question of what is the crash data at Joyner Road.
- Randy Herrin suggested shifting Joyner Road to align with Maxwell Dr.
- We determined that we would trim as much as possible to avoid the impacts.
- Jason Gaines questioned bringing Joyner Road at a 90 degree angle to SR 93.
- Brent Thomas asked the question of "what is the existing skew of Joyner Road to SR 93?"

The meeting adjourned at 11 am.

Ralph S. Griffin

GDOT District Design Engineer

SIGN IN SHEET

PROJECT NO.: CSSTP-0006-00(435)
P. I. NO.: 0006435
COUNTY: GRADY
DATE: May 7, 2009
TIME: 10:00 am

NAME	AGENCY	PHONE NO.
Sandy Griffin	GDOT DDE., PM	229-386-3618
Antonio Graves	GDOT	229-386-3038
Tracy Bullard	GDOT Design	229-386-3039
Dennis Carter	GDOT Environmental	229-386-3046
Shane Pridgen	GDOT Planning Engineer	229-386-3045
Brent Thomas	GDOT, Preconstruction	229-386-3300
Randy Herrin	GDOT, Const	229-524-5760
Ray Thomas	Mediacom	229-560-8606
Jason Gaines	Windstream	229-217-4569
Mike Hudson	City of Cairo Gas	229-377-1954x231
Rick Kines	City of Cairo	229-377-1954x230
Joe Cowan	GDOT Construction	229 386 3304
Dallas Norman	Southern Natural Gas	229-226-4744x2026
Basil Dolman	DOT Design	229-386-3467
Jason Wiggins	Dot Design	
Bill Cooper	GDOT Utilities	229-386-3288

Department of Transportation

HAROLD E. LINNENKOHL
COMMISSIONER
(404) 656-5206

DAVID E. STUDSTILL, JR., P.E.
CHIEF ENGINEER
(404) 656-5277

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

LARRY E. DENT
DEPUTY COMMISSIONER
(404) 656-5206

EARL L. MAHFUZ
TREASURER
(404) 656-5224

November 10, 2005

Honorable Dan Wells
Mayor, City of Cairo
P.O. Box 29
Cairo, GA 39828

Dear Mayor Wells:

Subject: Local Government Responsibilities

Project No. CSSTP-0006-00(435) Grady Co. PI# 0006435
SR 93 @ JOYNER ROAD

The Office of Financial Management has added the subject project to the Department's Construction Work Program.

In an effort to improve project delivery, the Department has decided to adopt a new policy in regards to Local Government responsibility and commitment requirements. For projects generated by a State Highway System need, the Department will no longer request upfront Local Government commitments nor require Local Governments to bear costs for third parties. These projects will be classified as "Department Projects" hereon. The Department will assume the eligible costs for all utilities and railroads holding a property interest.

However, utility adjustment / relocation costs associated with any utility that was originally installed within a public right of way shall remain the responsibility of each respective utility owner (Office Code of Georgia Annotated 32-6-171). Please ensure that adequate funding is budgeted for the adjustment / relocation of such utility facilities owned by your Local Government (including any associated Authority's facilities). The Department's District Utilities Office will contact you to determine the potential impacts to your facilities.

Also, in an effort to improve project coordination, the Department strongly urges all Local Governments and associated Authorities that own water and sewer facilities to include such relocation work in the project by notifying the Department's District Utilities Office as early as possible in the project's development.

We hope this new policy will eliminate some of the uncertainties for Local Governments when making early commitments for often unknown costs; and the scheduled delivery of each project will be more reliable.

If you have any questions, feel free to call me at (404) 463-0966 or David Crim, District Engineer in Tifton at your convenience.

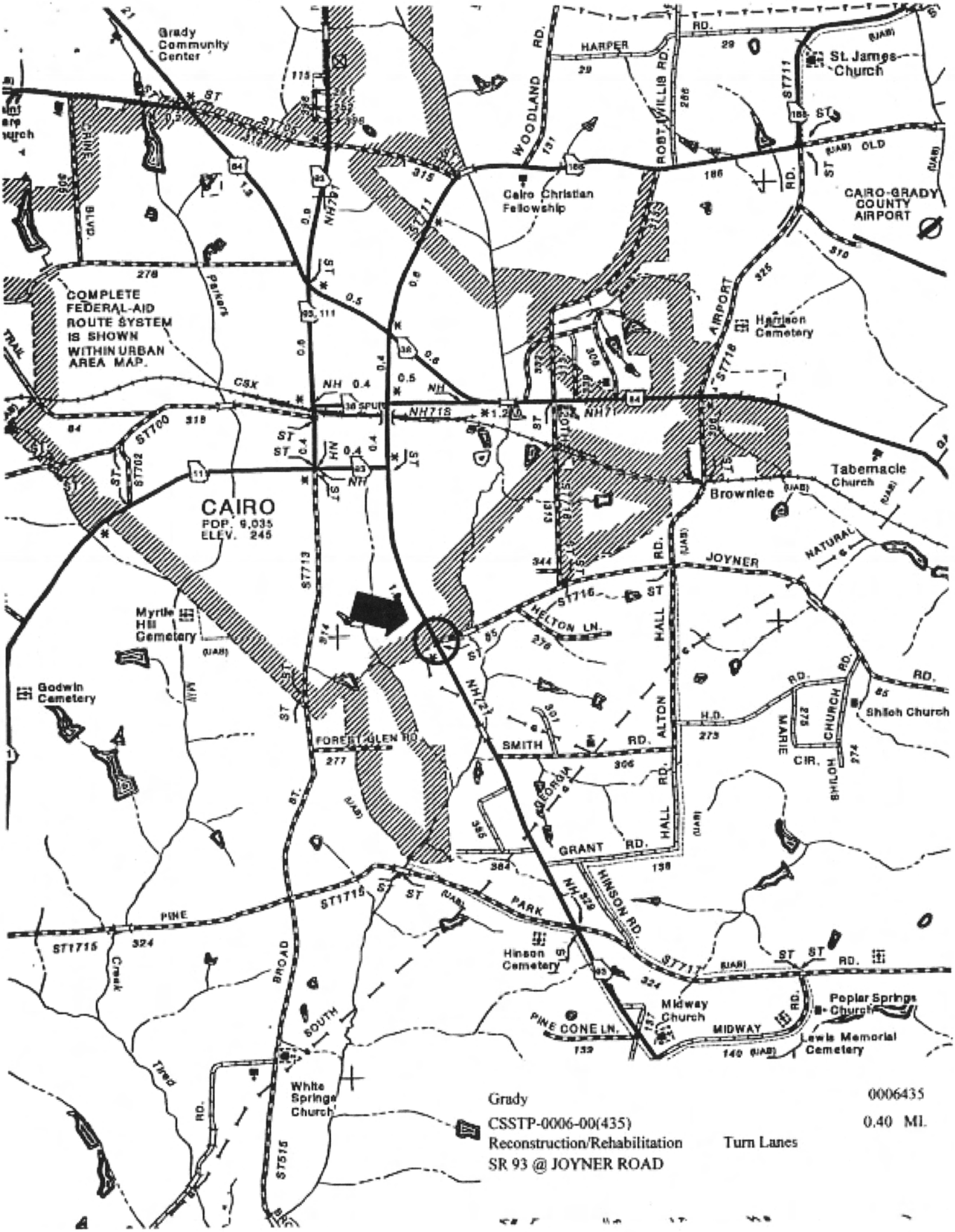
Sincerely yours,

James T. Simpson

James T. Simpson
Office of Financial Management Administrator

JTS:RR:kp

cc: Joe Sheffield - District 4 Engineer
cc: Tim Warren - District 4 Utilities Engineer
cc: Jeff Baker - State Utilities Engineer
cc: Ralph Griffin - Project Manager, District 4


Grady Community Center
St. James Church
Cairo Christian Fellowship
CAIRO-GRADY COUNTY AIRPORT
COMPLETE FEDERAL-AID ROUTE SYSTEM IS SHOWN WITHIN URBAN AREA MAP.
Harrison Cemetery
Tabernacle Church
Brownlee
CAIRO
POP. 9,035
ELEV. 245
Myrtle Hill Cemetery
Godwin Cemetery
Shiloh Church
Hinson Cemetery
Midway Church
Poplar Springs Church
Lewis Memorial Cemetery
White Springs Church
HARPER RD.
WOODLAND RD.
ROBT. WILLIS RD.
JOYNER
HELTON LN.
SMITH RD.
GRANT RD.
HINSON RD.
PINE
PARK
MIDWAY
PINE CONE LN.
FOREST GLEN RD.
BROAD
SOUTH
Creek
Tired
Parkers
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ST1715
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ST717
ALTON
HALL
GEORGIA
MARIE CIR.
SHILOH CHURCH
NATURAL
OLD
AIRPORT
Grady
CSSTP-0006-00(435)
Reconstruction/Rehabilitation
SR 93 @ JOYNER ROAD
Turn Lanes
0006435
0.40 MI.

NOTICE OF LOCATION AND DESIGN APPROVAL

CSSTP-0006-00(435), Grady County PI No. 0006435

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.

The date of location approval is March 26, 2010.

Description of the project:
This project will construct a left turn lane in the south bound direction and a right turn lane in the north bound direction on SR 93 to increase safety at the intersection of Joyner Rd. Project is located in Grady County, 1.2 miles south of Cairo, GA., in the 18th Land District, Land Lot 62, 63, 98, and 99, and GA Militia District 753. The proposed project will be approximately 0.232 miles in length.

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:

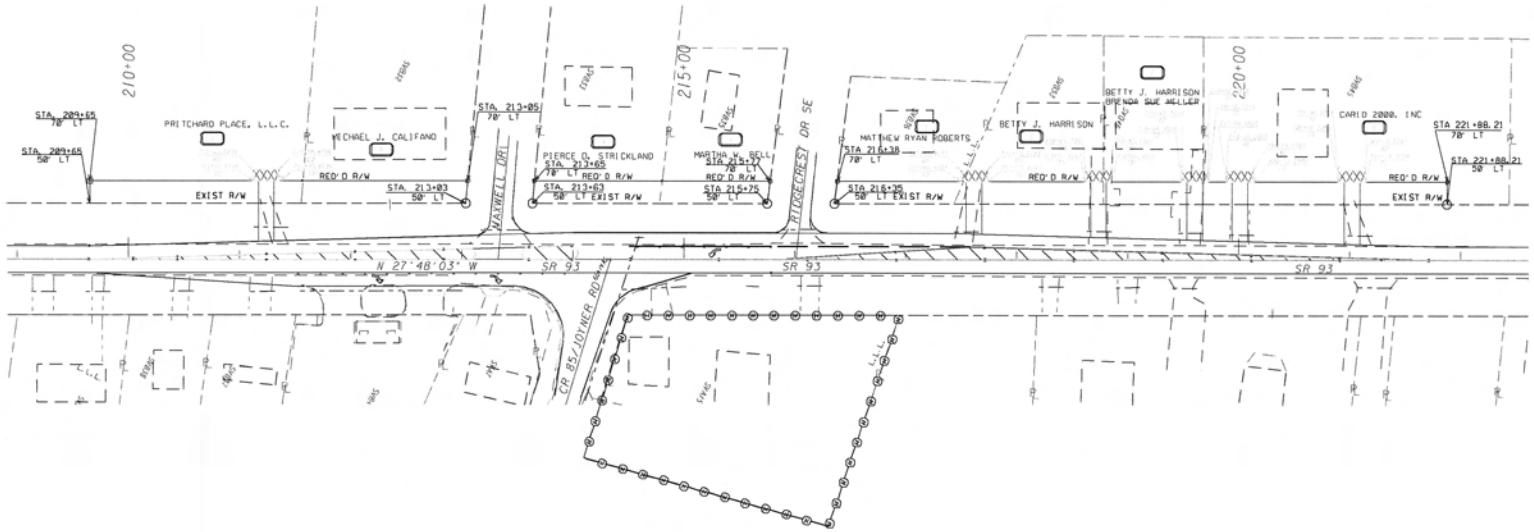
Randy Herrin, Area Engineer
Randy.herrin@dot.state.ga.us
734 W. Crawford St.
Donalsonville, GA 39845

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:

Ralph S. Griffin, District Design Engineer
sandy.griffin@dot.state.ga.us
Georgia Department of Transportation
PO Box 7510
Tifton, GA 31793
(229) 386-3300

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.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSSTP-0006-00(435)	1	1



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DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

MEMORANDUM

FILE CSSTP-006-000(435), Grady County
P.I. No. 0006435

Office Planning

DATE 10/02/2009

FROM Angela T. Alexander, State Transportation Planning Administrator

TO Genetha Rice-Singleton, Program Control Administrator, Office of Program Control

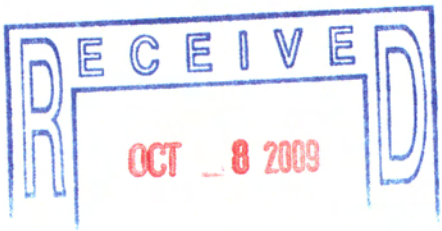
SUBJECT Concept Report – Turn Lanes on SR 93 @ Joyner Rd., Grady County
CSSTP-006-000(435), P.I. 0006435

The Planning Office was requested by Program Control to verify if the subject project was identified in the FY '08-'11 STIP. PE was authorized in 2007 for P.I. 0006435. The Right-of-Way is local and Construction phase was programmed in 2009 in the current FY '08-'11 STIP. The project will be funded in the STIP as funding and need become available upon approval by the Director of Planning. This project as defined in the concept report, is consistent with the project description which will appear in a future STIP.

ATA:jp

Attachment

CC: Cindy VanDyke
Radney Simpson



Date: 10/5/09

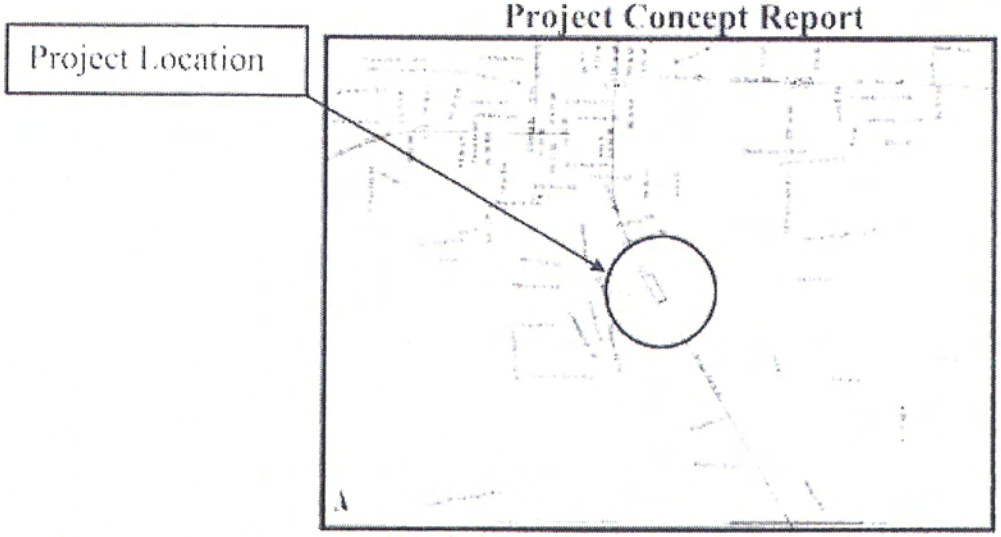
Angela T. Alexander
State Transportation Planning Administrator

State of Georgia
Department of Transportation

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Project Number: CSSTP-0006-00(435)
County: Grady
P.I. Number: 0006435

Project Concept Report



State Route Number: SR 93 @ Joyner Rd.

Reconstruction/Rehabilitation: Turn Lanes on SR 93 @ Joyner Rd.
Recommended for approval:

DATE: 9-16-09 — Ralph S. Griffin
Project Manager

DATE: 9-18-09 — Joe W. Griffith
District Engineer

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

DATE: _____
State Transportation Planning Administrator

DATE: _____
Financial Management Administrator

DATE: 10/15/09 — Glenn Bowman
State Environmental/Location Engineer

DATE: _____
State Traffic Safety and Design Engineer

DATE: _____
Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: **P.I. No. 0006435** **OFFICE:** Environment/Location

DATE: October 14, 2009

FROM: Glenn Bowman, P.E., State Environmental/Location Engineer

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT**
CSSTP-0006-00(435) / Grady County
SR 93 @ Joyner Road

The above subject Concept Report has been reviewed and appears satisfactory subject to the following comments:

1) See page 6 in the Concept Report and Design Concept Meeting minutes on potential historic properties. If significant impacts to historic (4)f resources cannot be avoided, then the proposed environmental schedule must be revised significantly.

2) Please list who is responsible for the environmental work in the Project Responsibilities section.

If you have any questions, please contact me at (404) 631-1101.

GB/lc

Attachment

cc: Ron Wishon
Angela Whitworth
Angela Alexander
Jamie Simpson
Joe Sheffield

RECEIVED
OCT 16 2009