

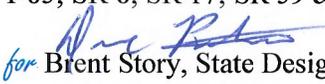
ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**OFFICE OF DESIGN POLICY & SUPPORT  
INTERDEPARTMENTAL CORRESPONDENCE**

**FILE** P.I. #0007457 **OFFICE** Design Policy & Support  
CSSTP-0007-00(457)  
GDOT District 1 - Gainesville  
Franklin, Hart, Madison Counties **DATE** 9/14/2011  
I-85; SR 8; SR 17; SR 59 & SR 72 @ 13 Locations

**FROM**  Brent Story, State Design Policy Engineer

**TO** SEE DISTRIBUTION

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**SUBJECT APPROVED REVISED CONCEPT REPORT**

Attached is the approved Revised Concept Report for the above subject project.

Attachment

**DISTRIBUTION:**

Genetha Rice-Singleton, Program Control Administrator  
Bobby Hilliard, State Program Delivery Engineer  
Cindy VanDyke, State Transportation Planning Administrator  
Angela Robinson, Financial Management Administrator  
Glenn Bowman, State Environmental Administrator  
Kathy Zahul, State Traffic Engineer  
Georgene Geary, State Materials & Research Engineer  
Ron Wishon, State Project Review Engineer  
Jeff Baker, State Utilities Engineer  
Ken Thompson, Statewide Location Bureau Chief  
Michael Henry, Systems & Classification Branch Chief  
Todd McDuffie, District Engineer  
Robert Mahoney, District Preconstruction Engineer  
Allen Ferguson, District Utilities Engineer  
Sue Anne Decker, Project Manager  
BOARD MEMBER - 10th Congressional District

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

REVISED PROJECT CONCEPT REPORT

Project Number: CSSTP-0007-00(457)  
County: Franklin, Hart, and Madison  
P. I. Number: 0007457  
Federal Route Number: 29, I-85  
State Route Number: 8, 17, 51, 59, 72, 98, 106, 145, 403

*SR 8 @ Old US 29 (Hart Co) is being dropped because Ingles is making the upgrades to this signal. The pedestrian accommodations are being removed from SR 8 @ Glenn Carrie Rd (Madison Co), because the local government and the District One office have a joint agreement to install them with a widening project. SR 8 @ SR 98 (Madison CO) is being dropped because the signal equipment and pedestrian upgrades will be installed when the intersection is widened.*

Submitted for approval:

DATE 8/26/11



Office Head (Project Manager's Office)

DATE 8/26/11



Project Manager

Recommendation for approval:

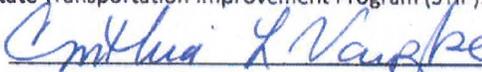
DATE 9/2/2011



State Environmental Administrator

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

DATE 8-30-11



State Transportation Planning Administrator

*\* RECOMMENDATION ON FILE <sup>TJ</sup>*

## REVISED PROJECT CONCEPT REPORT

**Need and Purpose:** Signals at intersections in Franklin, Hart and Madison Counties have been identified as not meeting current design standards outlined in the Manual of Uniform Traffic Control Devices (MUTCD) and the requirements of the American with Disabilities Act (ADA). The identified signals require upgrading to be in compliance with current standards and requirements.

**Project location:** See the intersections listed below. This revision will only affect three intersections; H2 – SR 8 @ Old US 29, M1 – SR 8 @ Glenn Carrie Rd and M3 – SR 8 @ SR 98.

**Description of the approved concept:** The proposed project is located in Franklin County (54%), Hart County (23%) and Madison County (23%). The project's thirteen (13) locations consist of traffic signalization upgrades using the latest pedestrian facility improvements to include countdown pedestrian signals, ADA wheel chair ramps, and cross walk striping. The project will end with volume data collection to develop and install signal coordination and timing.

These improvements will be made to the following signalized intersections:

### Franklin County

- F1. SR 51 @ I-85 NB Ramp, MP 4.70
- F2. SR 51 @ I-85 SB Ramp, MP 4.80
- F3. SR 106 @ I-85 NB Ramp, MP 11.14
- F4. SR 106 @ I-85 SB Ramp, MP 11.24
- F5. SR 59 @ SR 145/Royston Street, MP 9.73
- F6. SR 17 @ SR 59, MP 10.95
- F7. SR 8 @ Cook Street, MP 5.66

### Hart County

- H1. SR 8/US 29 @ SR 17/Royston Bypass, MP 0.44
- H2. SR 8 @ Old US 29, MP 13.18
- H3. SR 8 @ Walmart, MP 13.70

### Madison County

- M1. SR 8 @ Glenn Carrie Road, MP 0.49
- M2. SR 8 @ SR 98, MP 9.96
- M3. SR 72 @ SR 98, MP 10.69

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

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

### Functional Classification:

#### Franklin County

- F1. SR 51 @ I-85 NB Ramp, MP 4.70  
SR 51 – Rural Major Collector  
SR 403 – Rural Interstate Principal Arterial

- F2. SR 51 @ I-85 SB Ramp, MP 4.80
  - SR 51 – Rural Minor Arterial
  - SR 403 – Rural Interstate Principal Arterial
  
- F3. SR 106 @ I-85 NB Ramp, MP 11.14
  - SR 106 – Rural Major Collector
  - SR 403 – Rural Interstate Principal Arterial
  
- F4. SR 106 @ I-85 SB Ramp, MP 11.24
  - SR 106 – Rural Minor Arterial
  - SR 403 – Rural Interstate Principal Arterial
  
- F5. SR 59 @ SR 145/Royston Street, MP 9.73
  - SR 59 – Rural Minor Arterial
  - SR 145 – Rural Major Collector
  
- F6. SR 17 @ SR 59, MP 10.95
  - SR 17 – Rural Principal Arterial
  - SR 59 – Rural Major Collector
  
- F7. SR 8 @ Cook Street, MP 5.66
  - SR 8 – Rural Minor Arterial
  - Cook Street – Rural Local Road
  - Franklin Springs Circle – Rural Local Road

Hart County

- H1. SR 8/US 29 @ SR 17/Royston Bypass, MP 0.44
  - SR 8 – Rural Minor Arterial
  - SR 17 – Rural Principal Arterial
  
- H2. SR 8 @ Old US 29, MP 13.18
  - SR 8 – Rural Minor Arterial
  - Old 29 – Rural Major Collector
  - Ingles Driveway – Private Driveway
  
- H3. SR 8 @ Walmart, MP 13.70
  - SR 8 – Rural Minor Arterial
  - Walmart – Private Driveway
  - Cornerstone Baptist Church – Private Driveway

Madison County

- M1. SR 8 @ Glenn Carrie Road, MP 0.49
  - SR 8 (northside of Glenn Carrie Road) – Rural Minor Arterial
  - SR 8 (southside of Glenn Carrie Road) – Urban Minor Arterial
  - SR 106 (northside of SR 8) – Rural Major Collector
  - Glen Carrie Road (southside of SR 8) – Urban Minor Arterial
  
- M2. SR 8 @ SR 98, MP 9.96
  - SR 8 – Rural Minor Arterial
  - SR 98 – Rural Minor Arterial
  
- M3. SR 72 @ SR 98, MP 10.69
  - SR 72 – Rural Principal Arterial
  - SR 98 – Rural Minor Arterial
  - Gholston Street (southside of SR 72) – Rural Local Road

U. S. Route Number(s): 29      State Route Number(s): 8, 17, 51, 59, 72, 98, 106, 145, 403

**Traffic (AADT) as shown in the approved concept:**

Base Year: \_\_\_\_\_ Design Year: \_\_\_\_\_  
(This project does not add capacity.)

**Updated traffic data (AADT):**

Base Year: \_\_\_\_\_ Design Year: \_\_\_\_\_  
(This project does not add capacity.)

**Approved Programmed/Schedule:**

P.E. Authorized 2006      R/W: 3-15-203      Construction: 3-15-2014

This revision will not affect the project schedule.

VE Study Required      Yes ( )      No ( X )

Benefit/Cost Ratio NA

Is the project located in an Ozone Non-attainment area?      Yes ( )      No ( X )

Is the project in a PM2.5 Non-Attainment area?      Yes ( )      No ( X )

Approved Features:	Proposed Features:
<p>SR 8 @ Old US 29 in Hart County will receive new signal equipment and pedestrian accommodations (wheelchair ramp, pedestrian signals and crosswalks).</p>	<p>SR 8 @ Old US 29 will be removed from the scope/concept of this project.</p>
<p>SR 8 @ Glenn Carrie Rd in Madison County will receive new signal equipment and pedestrian accommodations (wheelchair ramp, pedestrian signals and crosswalks).</p>	<p>SR 8 @ Glenn Carrie Rd will only receive new signal equipment in this project.</p>
<p>SR 8 @ SR 98 in Madison County will receive new signal equipment and pedestrian accommodations (wheelchair ramp, pedestrian signals and crosswalks).</p>	<p>SR 8 @ SR 98 will be removed from the scope/concept of this project.</p>

**Reason for Change:**

SR 8 @ Old US 29 will still receive the new signal equipment and pedestrian accommodations (wheelchair ramps, pedestrian signals, and crosswalks). They will be installed by a developer, Ingles. Therefore, this intersection needs to be removed from the scope/concept of this project.

SR 8 @ Glenn Carrie Rd - Since the local government is widening the intersection to install left turn lanes on all approaches, it would be a waste of money to install them with this project just to have them removed by the local government.

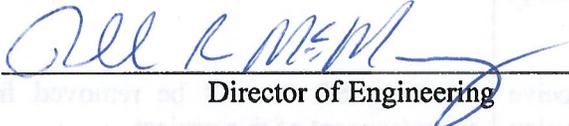
SR 8 @ SR 98 needs left turn lanes along with the signal and pedestrian upgrades. It currently on the TIA (T-SPLOST) list. It is anticipated that this work will be completed with these funds.

Updated Cost Estimate	
Construction including <del>Contingencies</del> , Engineering and Inspection	\$1,597,508.49
Fuel Adjustment	No change
Right-of-Way	No change <i>\$348,000 FROM APPROVED CONCEPT</i>
Utilities (reimbursable)	No change
Utility Contingencies	No change
Environmental Mitigation	No change

**Recommendation:** Recommend that the proposed revision to the concept be approved for implementation.

**Attachments:**

1. Sketch Map
2. Cost Estimate
3. Letters from the TMC on SR 8 @ Old US 29 and SR 8 @ Glenn Carrie Rd

Concur:   
Director of Engineering

Approve:   
Chief Engineer

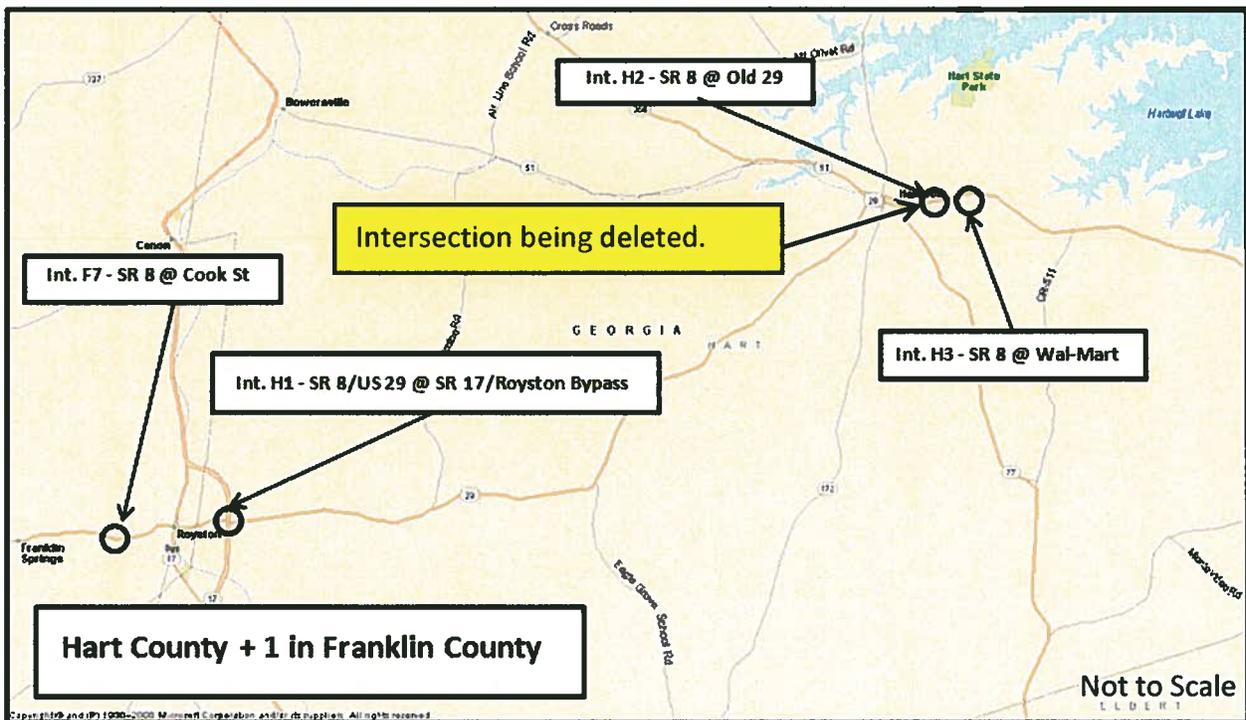
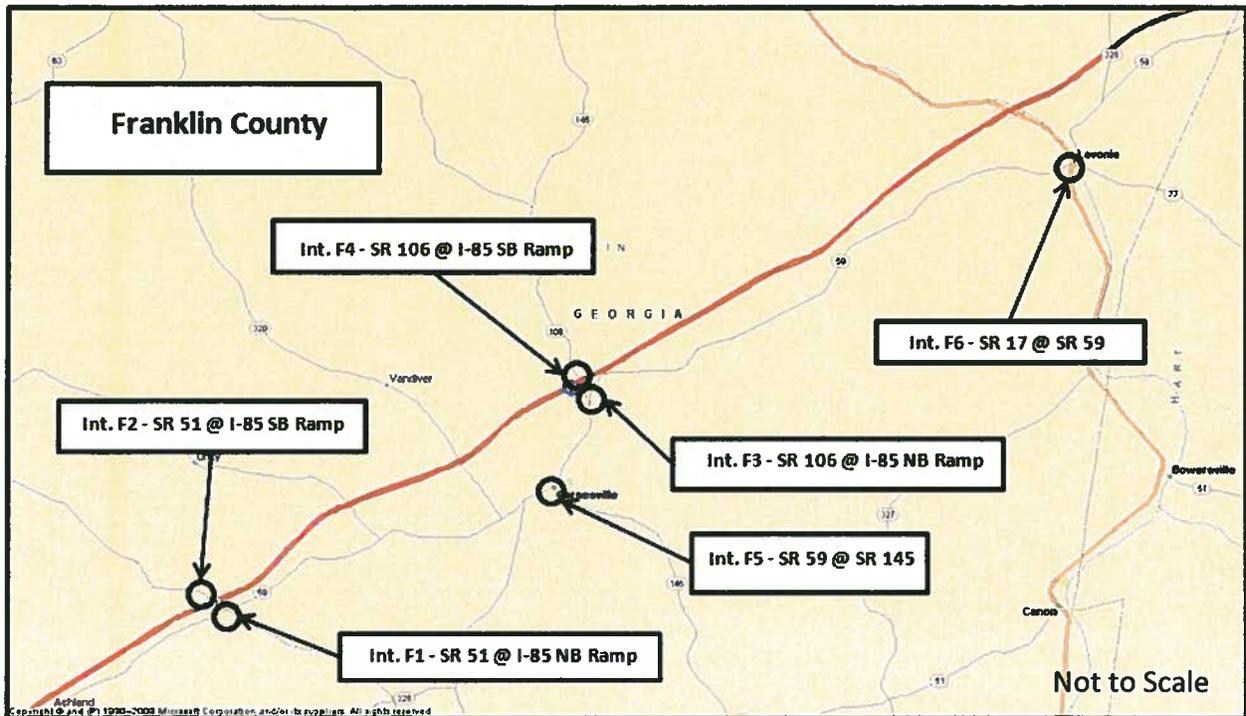
Date: 9-12-11

Detailed Cost Estimate	
Construction (including materials, labor, and equipment)	\$1,500,000
Engineering and Inspection	
Right-of-Way	No change
Utilities (including water)	No change
Utility Connections	No change
Environmental Mitigation	No change

Revised Concept Report

Attachment #1

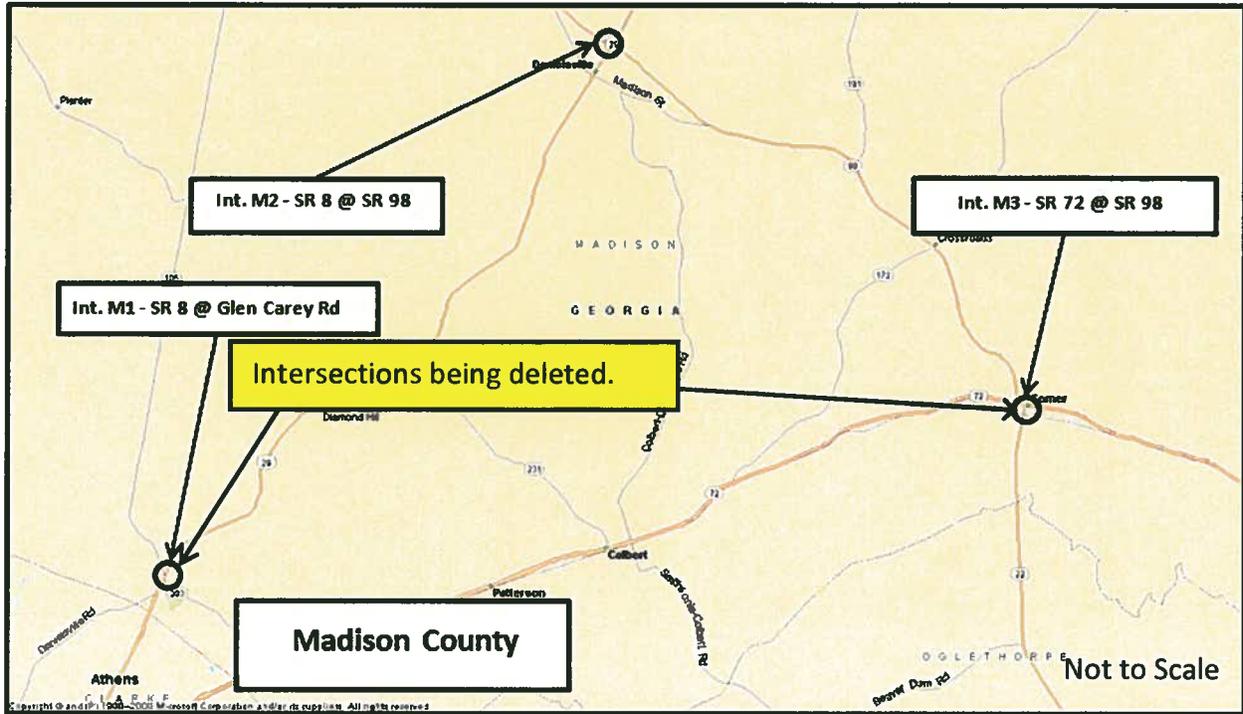
Location Sketch



Revised Concept Report

Attachment #1

Location Sketch



JOB ESTIMATE REPORT

JOB NUMBER : 0007457  
 SPEC YEAR: 01  
 DESCRIPTION: I-85; SR 8; SR 17& SR 72 IN FRANKLIN; HART & MADISON CO  
 PEDESTRIAN UPGRADES

ITEMS FOR JOB 0007457

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000	LS		TRAFFIC CONTROL - (CSSTP-0007-00(457))	1.000	50000.00	50000.00
0008	163-0240	TN		MULCH	10.000	300.42	3004.29
0009	163-0232	AC		TEMPORARY GRASSING	1.000	381.81	381.82
0010	163-0550	EA		CONS & REM INLET SEDIMENT TRAP	13.000	167.54	2178.02
0015	210-0100	LS		GRADING COMPLETE - (CSSTP-0007-00(457))	1.000	25000.00	25000.00
0020	441-0108	SY		CONC SIDEWALK, 8 IN	1300.000	54.17	70425.62
0030	441-5002	LF		CONC HEADER CURB, 6", TP 2	2080.000	11.19	23288.20
0035	441-6222	LF		CONC CURB & GUTTER/ 8"X30"TP2	1950.000	16.47	32119.23
0039	615-1200	LF		DIRECTIONAL BORE - 5 INCH	2000.000	13.71	27422.08
0040	634-1200	EA		RIGHT OF WAY MARKERS	26.000	95.60	2485.80
0045	636-1041	SF		HWY SIGNS, TP 2MAT, REFL SH TP 9	325.000	38.89	12640.09
0050	639-3004	EA		STEEL STRAIN POLE, TP IV	20.000	12484.64	249692.84
0055	639-4004	EA		STRAIN POLE, TP IV	32.000	5662.40	181197.01
0060	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 1	1.000	65689.00	65689.00
0065	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 2	1.000	65689.00	65689.00
0070	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 3	1.000	65689.00	65689.00
0075	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 4	1.000	65689.00	65689.00
0080	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 5	1.000	60159.00	60159.00
0085	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 6	1.000	60159.00	60159.00
0090	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 7	1.000	60159.00	60159.00
0095	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 8	1.000	65689.00	65689.00
0100	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 9	1.000	65689.00	65689.00
0105	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 10	1.000	65689.00	65689.00
0110	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 11	1.000	65689.00	65689.00
REVISED							
0115	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 12	1.000	60159.00	60159.00
0120	647-1000	LS		TRAF SIGNAL INSTALLATION NO - INT 13	1.000	60159.00	60159.00
0125	653-0120	EA		THERM PVMT MARK, ARROW, TP 2	52.000	75.51	3926.67
0130	653-1501	LF		THERMO SOLID TRAF ST 5 IN, WHI	2600.000	0.51	1336.50
0135	653-1502	LF		THERMO SOLID TRAF ST, 5 IN YEL	13000.000	0.39	5138.25
0140	653-1704	LF		THERM SOLID TRAF STRIPE, 24", WH	1300.000	4.08	5306.90
0145	653-1804	LF		THERM SOLID TRAF STRIPE, 8", WH	7800.000	2.11	16523.44
0160	653-6006	SY		THERM TRAF STRIPING, YELLOW	1300.000	3.48	4526.43
0165	654-1001	EA		RAISED PVMT MARKERS TP 1	312.000	4.11	1282.71
0170	654-1003	EA		RAISED PVMT MARKERS TP 3	130.000	4.72	613.81
0175	687-1000	LS		TRAFFIC SIGNAL TIMING - (CSSTP-0007-00(457))	1.000	70000.00	70000.00
0179	700-6910	AC		PERMANENT GRASSING	1.000	417.95	417.96
0180	700-7010	GL		LIQUID LIME	1.000	16.03	208.44
0185	700-8000	TN		FERTILIZER MIXED GRADE	1.000	411.09	411.10
0190	700-8100	LB		FERTILIZER NITROGEN CONTENT	1.000	2.84	2.85
0195	713-3001	SY		WOOD FIBER BLANKET, TP I, SLOPES	650.000	0.61	401.95
0200	927-0300	EA		2070 MNT SPRD SPEC WIRE. TRANS. W/ RS	4.000	2196.76	8787.08



DEPARTMENT OF TRANSPORTATION

RECEIVED GDOT

STATE OF GEORGIA

SEP 13 2006

TRAF OPS DIST 1

INTERDEPARTMENT CORRESPONDENCE

FILE: Hart County, Hartwell  
SR 8/US 29 @ Old US 29

OFFICE: Atlanta - TMC

DATE: September 11, 2006

FROM: <sup>KG</sup> Keith Golden, P.E., State Traffic Safety and Design Engineer

TO: Russell R. McMurry, P.E., District Engineer, Gainesville  
Attn: Brent E. Cook, P.E., District Traffic Engineer

SUBJECT: Revised Permit for Stop and Go Traffic Signal

Attached for further handling is a revised permit for the stop and go traffic signal located at the intersection of State Route 8/US 29 and Old US 29 in the City of Hartwell, Hart County. This revision reflects the addition of a NB right turn lane and the upgrading of this intersection to full ADA compliance. The developer is responsible for all materials and labor needed to implement these changes. Please keep a copy of this revised permit for your files and send a copy to the City of Hartwell.

If you should have any questions concerning this matter, please feel free to contact this office.

KG:SEZ:amw  
Attachments

RECEIVED GDOT

MAR 17 2010

DEPARTMENT OF TRANSPORTATION

TRAF OPS DIST 1

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: Madison County  
SR 8/US 29/Veterans Memorial Hwy  
@ SR 106/Fortson Store Rd/  
Glenn Carrie Rd

OFFICE: ATLANTA - TMC

DATE: March 15, 2010

*KZ*  
FROM: Kathy Zahul, P.E., Assistant State Traffic Engineer

TO: Todd McDuffie, Acting District Engineer, Gainesville  
Attn: Brent E. Cook, P.E., District Traffic Engineer

SUBJECT: Revised Permit for Stop and Go Traffic Signal

Attached for further handling is a revised permit for the stop and go traffic signal located at the intersection of SR 8/US 29/Veterans Memorial Hwy at SR 106/Fortson Store Rd/Glenn Carrie Rd in Madison County.

This revision reflects the widening and restriping of the side streets in a Madison County project a couple of years ago to better align the side streets across SR 8 from each other as well as to accommodate the addition of a dedicated left turn lane on both the NB & SB approaches. The north leg, SR 106, was widened from a two lane approach with a shared left-thru and right turn lane to a three lane approach with a left turn lane, a thru lane, and a right turn lane. The south leg, Glenn Carrie Rd, was widened from a one lane approach to a left turn lane and a thru-right lane.

This revision also reflects the addition of crosswalks & pedestrian accommodations at this intersection. The District Forces will be responsible for implementing these changes.

Please keep a copy of this revised permit for your files and send a copy to Madison County. Please feel free to contact this office if you should have any questions concerning this matter.

KG:SEZ:amw  
Attachments

Copy sent with  
special encroachment  
permit  
07-2010-001-  
195-137983