

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007547, Henry County
CSHPP-0007-00(547)
SR 81 @ CR 452/Lake Dow Road-
Intersection Improvements

OFFICE Preconstruction

DATE February 20, 2009

FROM  Geneva Rice-Singleton, Assistant Director of Preconstruction

TO  SEE DISTRIBUTION

SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

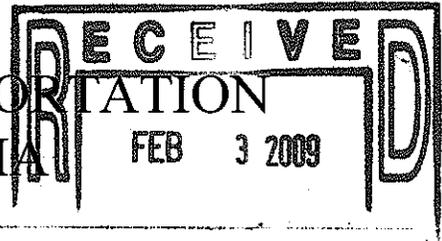
Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Ron Wishon
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Thomas Howell
Paul Liles
David Millen
Bill Rountree
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE CSHPP-0007-00(547) Henry County OFFICE Thomaston
P.I. No. 0007547
SR81 @ CR452/Lake Dow Road
DATE January 28, 2009

FROM Thomas B. Howell, P.E., District Engineer

TO Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT **REVISED PROJECT CONCEPT REPORT**

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

The Revised Concept Report 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).

2-2-09
Date

Angela S. Alexander
State Transportation Planning Administrator

If additional information is needed, please contact Bill Rountree, P.E., District Design Engineer, at (706) 646-6990.

DBM:WJR:JWM

- C: Angela Alexander, State Transportation Planning Administrator
- Brian Summers, State Project Review Engineer
- Glenn Bowman, State Environmental/Location Engineer
- Keith Golden, State Traffic Safety and Design Engineer
- Paul Liles, State Bridge Design Engineer
- Johnny Quarles, Project Concept Review Engineer
- OFM Concept Reports Mailbox
- Concept Reports Mailbox
- Thomas Howell, District Engineer
- Lamar Pruitt, District Construction Engineer
- Mike England, District Traffic Engineer
- Kerry Gore, District Utilities Engineer
- Ken Robinson, District Maintenance Engineer
- Ken Crabtree, Assistant District Construction Engineer
- Michael Presley, District Traffic Operations Manager
- Tom Queen, District Planning and Programming Engineer
- Tommy Cleveland, District Location Engineer
- Debra Pruitt, District Environmentalist
- Colandra Barron, Support Assistant

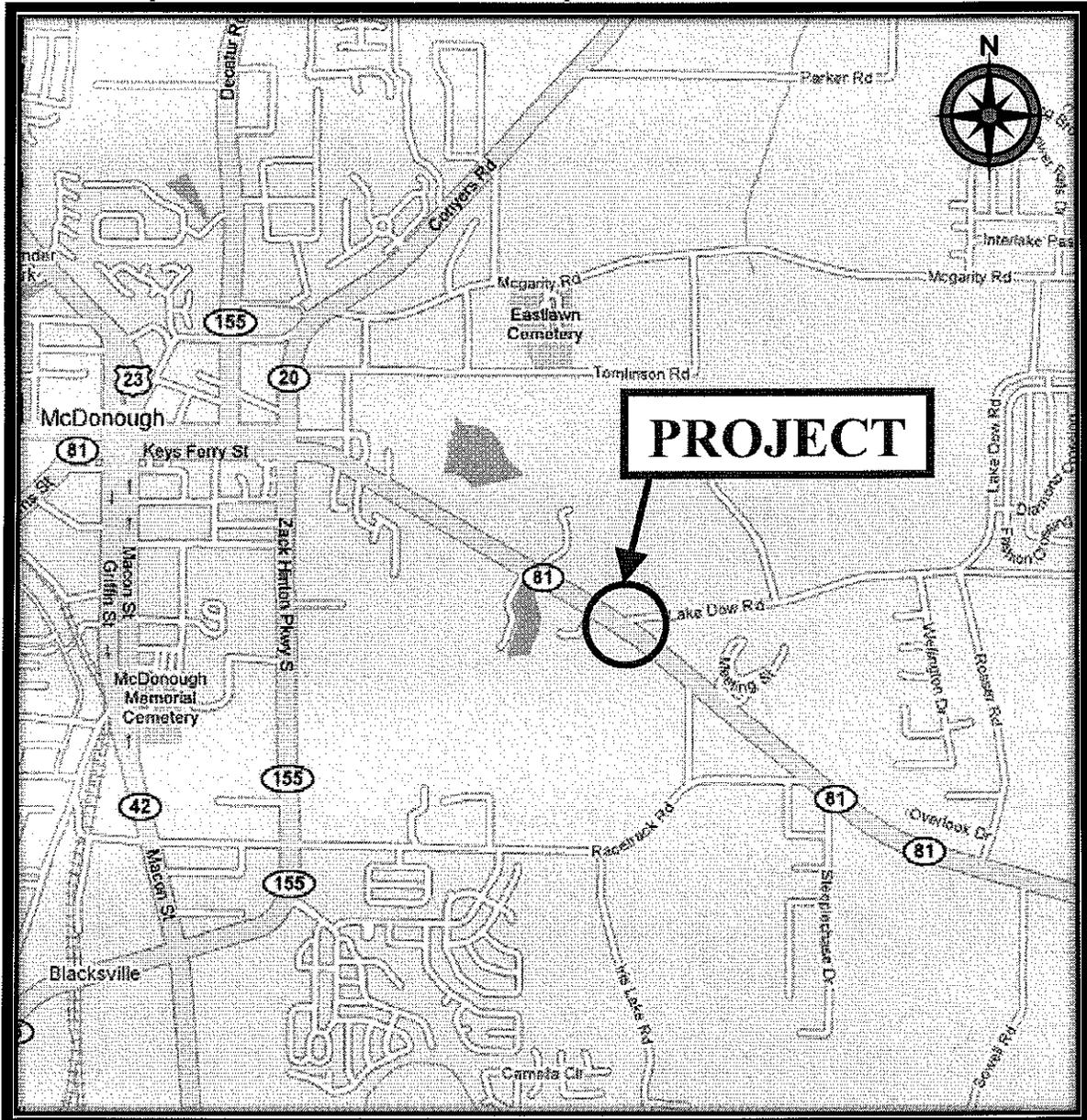
REVISED PROJECT CONCEPT REPORT

Project Number: CSHPP-0007-00(547)

County: Henry

P.I. Number: 0007547

Description: State Route 81 Intersection Improvements at Lake Dow Road / CR452



Need and Purpose
Project STP-0007-00(547), Henry County
PI No. 0007547

Intersection Improvement SR 81 at Lake Dow Road

Planning Background

The Atlanta Regional Commission (ARC) adopted the 2030 Regional Transportation Plan (RTP) for the 13-county Atlanta Metropolitan area and portions of 5 additional counties in December 2004. Funding for this project was provided by a congressional earmark from the SAFETEA-LU legislation enacted in 2005. The Regional Transportation Plan was later amended to include the intersection improvement at SR 81 and Lake Dow Road. as HE-169.

Project Background

SR 81 east of the City of McDonough is a rapidly growing residential area in the eastern portion of Henry County. Future land use plans for the county show significant changes in the corridor. The Henry County future land use plan for the SR 81 corridor includes commercial and residential development. There is a McDonald's and Zaxby's located on SR 81, opposite Lake Dow Road. In addition, there is a Publix Shopping Center located on SR 81 between Lake Dow Road and Travis Road, a distance of approximately 0.3 miles from the intersection. There is a new shopping center proposed for the northeast quadrant of this intersection.

Proposed Improvement

SR 81 is an east west arterial that provides access to the City of McDonough for residents of the rapidly growing eastern portion of Henry County. SR 81 is a two lane facility that is classified as an urban principal arterial. Lake Dow Road is a two lane local road that provides east west connectivity to rapidly growing residential areas in the east central portion of Henry County. Lake Dow Road intersects SR 81 at a skew of approximately 45 degrees. There are no turn lanes provided on either SR 81 or Lake Dow Road for left turning vehicles. The Publix shopping center has two entrances, with the northern most entrance no more than 500 feet from the SR 81/Lake Dow intersection.

The proposed project will upgrade the intersection of SR 81 and Lake Dow Road by providing turn lanes and operational improvements as appropriate.

Safety

No crashes were reported during 2003 for this section of SR 81. However, in 2004 there were 5 accidents resulting in 2 injuries and 1 fatality. In 2005, there were 15 crashes resulting in 5 injuries. This trend in the number of crashes reported continue in 2006 data, which is incomplete at the present time. However, the number of crashes recorded to date for 2006 include 15 crashes and 2 injuries.

SR 81 Crashes	2003	2004	2005
Total Crashes	0	5	15
Crashes Per 100 MVMT	0	875	3,847

SR 81 Injury Crashes	2003	2004	2005
Total Crash Injuries	0	2	5
Crash Injuries Per 100 MVMT	0	626	1,282

A review of the crash reports for this location shows that the majority of crashes occurred on SR 81 where vehicles making left turns were rear ended by through moving vehicles on SR 81. In 2004, there were 2 rear end and 2 angle collisions. In 2005, the numbers increased to 10 rear end and 4 angle collisions. Partial data from 2006 shows the same trend with 7 rear end and 4 angle collisions. The single fatality in 2004 resulting in a fatality that is 213.11% greater than the statewide average for facilities of this class.

Travel Demand and Operational Characteristics

The change in development patterns along the corridor will result in significantly higher volumes utilizing this intersection. Traffic volumes along this section of SR 81 have ranged from a low of 12,500 AADT in 2000 to 18,500 AADT in 2004. Volumes along SR 81 are projected to increase from approximately 15,000 AADT in 2005 to 26,000 AADT in 2011 and to 54,700 in 2031. Traffic on Lake Dow Road is projected to be 6,800 AADT in 2011 and 11,200 AADT in 2031. Based on 2005 and 2011 volumes, SR 81 operates at Level of Service D during the afternoon peak period, indicating that SR 81 will require additional capacity in the long term. The Lake Dow intersection currently operates at Level of Service F but will be able to operate safely in the short term, provided operational improvements are made to accommodate the turning movements at this intersection.

Projects in the area in the 6 year Construction Work Program

STP-163-1(22) P.I. 332975: The purpose of this project is to reconstruct the intersection at SR 81 and Racetrack Road. This project is located southeast of the intersection of SR 81 at Lake Dow Road and does not affect the operation of the SR 81 intersection with Lake Dow Road.

CSSTP-M002-00(519) P.I. M002519: The purpose of this project is to provide resurfacing and maintenance to SR 81 from SR 20 in McDonough to the Newton County line. This project does not affect the operation of the SR 81 intersection with Lake Dow Road.

CSSTP-008-00(337) P.I. 0008337: The purpose of this project is to widen and reconstruct Racetrack Road from SR 155 to SR 81. This project does not affect the operation of the SR 81 intersection with Lake Dow Road.

CSSTP-008-00(337) P.I. 0008338: The purpose of this project is to widen SR 81 from Racetrack Road to North Ola Road. This project is located beyond the limits of the proposed intersection improvement and will not affect its operation.

Community Issues

Henry County is part of the Atlanta metropolitan area and is a rapidly growing residential area. The 2000 Census listed the population in Henry County as 120,000. During the 1990 Census year, Henry County had a population of 59,200. Between 1990 and 2000, Henry County gained 60,800 residents, a 50.6 percent increase which ranked highest in the region in net population increase. Population is expected to grow rapidly and employment growth will likely accelerate as population density increases. The 2010 population projection for Henry County is 211,828. Approximately 48% of the population is minority.

The land uses in the vicinity of the project is a mix of rural agricultural, light industrial and low and medium residential property. The Henry County Land Use Plan projects increased residential and commercial land uses in the SR 81 and Lake Dow corridors.

Need and Purpose

The purpose of this project is to improve the safety and operation of the intersection of SR 81 and Lake Dow Road. Traffic crash data supports the need to provide for left turn movements to Lake Dow Road. The incidence of injury crashes and the one fatality demonstrate the urgency of the project. The rapid growth in residential development in both the SR 81 and Lake Dow Road corridors will generate significantly higher traffic volumes. The need for improvement at this intersection is also needed due to the proximity of the Publix Shopping Center and the location of the McDonald's and Zaxby's restaurants. Although traffic volume increases will warrant the addition of capacity to SR 81 in the long term, the current traffic patterns and the number of injury crashes indicate that a shorter term safety improvement is needed at this location.

Project location: This project is located in Henry County, approximately one (1) mile east of McDonough at the intersection of State Route 81 and Lake Dow Road.

SR81: Mile Post 12.58 TO Mile Post 12.78 (Total 0.20 miles)
Lake Dow Road: Mile Log 0.00 TO Mile Log 0.15 (Total 0.15 miles)

Description of the approved concept: Intersection improvements including re-aligning Lake Dow Road 615 feet east of the current intersection along State Route 81, adding left and right turn lanes on all approaches, and adding a traffic signal to control the intersection.

PDP Classification: Minor

Federal Oversight: Exempt

Functional Classification:

SR81: Urban Principal Arterial
Lake Dow Road: Urban Local Road

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

State Route Number(s): 81

Traffic (AADT) as shown in the approved concept:

	<u>SR81</u>	<u>Lake Dow Road</u>
<i>Current Year (2011)</i>	26,000vpd	6,800vpd
<i>Design Year (2031)</i>	54,000vpd	11,200vpd

Proposed features to be revised:

- Typical Section:
 - **Lake Dow Road:** One twelve feet wide through lane in each direction, twelve feet wide left and right turn lanes with curb and gutter and five feet sidewalk.

This feature needs to be revised because the Approved Concept Report stated the lane configurations incorrectly. The layout was correct and provided for a 3-lane section rather than the 4-lane section described in the Approved Concept Report. A 4-lane section would create additional R/W costs which would be undesirable to the stakeholders involved.

- Design Speed:
 - **State Route 81:** 55mph
 - **Lake Dow Road:** 45mph

The design and posted speed limits for both roads need to be reduced.

State Route 81 currently has a section of curb and gutter which is adjacent to a 55mph travel lane. This configuration violates current policy. This section will be included in the project limits. Reduced speed limits will also increase safety in this congested area.

Lake Dow Road will be realigned between two fast food restaurants to line up with an existing driveway to a shopping center. Lowering the design and posted speed limits for this road will allow for safer conditions. In addition, the lowered speed limit will allow more flexibility in the design of the roadway, and will reduce R/W requirements.

- Minimum Radius Allowable:
 - **State Route 81:** 1060'
 - **Lake Dow Road:** 643'

The minimum allowable radii need to be reduced because they are directly related to the design speeds of each roadway. The proposed radius for State Route 81 will remain unchanged and well above the minimum allowable radius. The proposed radius for Lake Dow Road will be 550', which is above the new minimum allowable radius.

Describe the revised feature(s) to be approved:

- Typical Section:
 - **Lake Dow Road:** One twelve feet wide through lane eastbound, one twelve feet wide left turn lane westbound, and one shared through/right lane westbound with curb and gutter and five feet wide sidewalk.

- Design Speed:
 - **State Route 81:** 45mph
 - **Lake Dow Road:** 35mph

- Minimum Radius Allowable:
 - **State Route 81:** 643'
 - **Lake Dow Road:** 371'

Updated traffic data (AADT): N/A

Programmed/Schedule:

P.E.: 2007
R/W: LOCAL
Construction: 2010

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

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

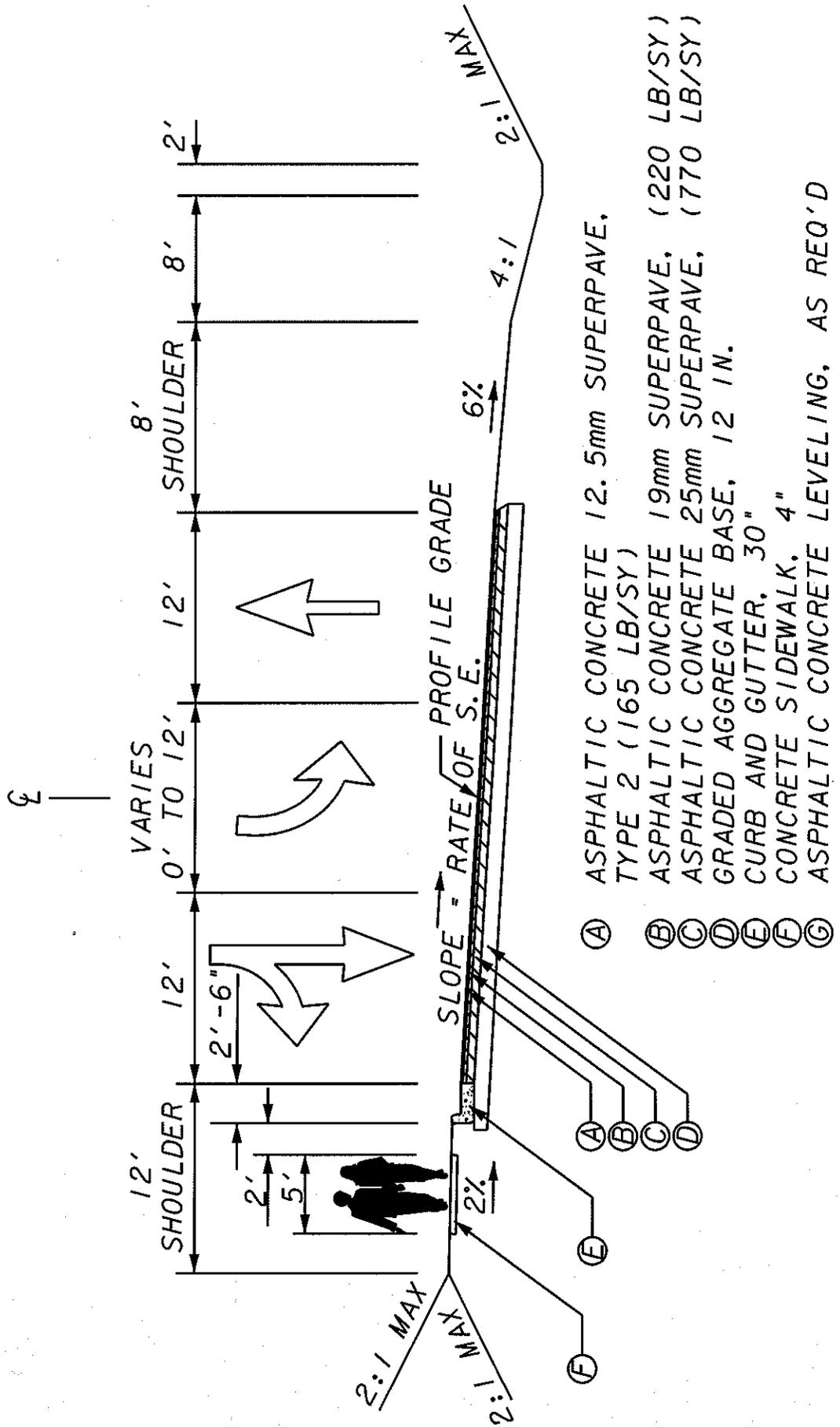
Attachments:

1. Typical Sections
2. Revised Cost Estimates

Concur: *Henrich Rice-Spitzer* ^{*to be*}
Director of Preconstruction

Approve: *Orrel M. Ren*
Chief Engineer

TYPICAL SECTION LAKE DOW ROAD



Estimate Report for file "HENRY 007547"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	Lump	LS	75000.00	TRAFFIC CONTROL - CSHPP-0007-00(547)	75000.00
210-0100	Lump	LS	150000.00	GRADING COMPLETE - CSHPP-0007-00(547)	150000.00
310-1101	2500	TN	25.00	GR AGGR BASE CRS, INCL MATL	62500.00
318-3000	500	TN	25.00	AGGR SURF CRS	12500.00
402-1811	500	TN	112.72	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL	56360.00
402-3121	2100	TN	100.00	RECYCLED ASPH CONC 2.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	210000.00
402-3130	1000	TN	100.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	100000.00
402-3190	600	TN	100.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	60000.00
413-1000	200	GL	2.14	BITUM TACK COAT	428.00
432-5010	6000	SY	1.23	MILL ASPH CONC PVMT, VARIABLE DEPTH	7380.00
441-0104	600	SY	34.31	CONC SIDEWALK, 4 IN	20586.00
441-6022	1700	LF	16.02	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	27234.00
643-8200	300	LF	2.73	BARRIER FENCE (ORANGE), 4 FT	819.00
Section Sub Total:					\$782,807.00

Section DRAINAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	20	CY	54.35	FOUND BK FILL MATL, TP II	1087.00
441-0303	1	EA	1968.59	CONC SPILLWAY, TP 3	1968.59
500-3101	80	CY	246.73	CLASS A CONCRETE	19738.40
500-3200	1	CY	418.18	CLASS B CONCRETE	418.18
511-1000	7800	LB	0.89	BAR REINF STEEL	6942.00
550-1180	48	LF	37.74	STORM DRAIN PIPE, 18 IN, H 1-10	1811.52
550-1240	470	LF	45.44	STORM DRAIN PIPE, 24 IN, H 1-10	21356.80
550-1300	450	LF	60.50	STORM DRAIN PIPE, 30 IN, H 1-10	27225.00
550-2180	60	LF	32.50	SIDE DRAIN PIPE, 18 IN, H 1-10	1950.00
550-3418	2	EA	570.65	SAFETY END SECTION 18 IN, SIDE DRAIN, 4:1 SLOPE	1141.30
550-3518	2	EA	1142.78	SAFETY END SECTION 18 IN, STORM DRAIN, 6:1 SLOPE	2285.56
550-4118	2	EA	413.69	FLARED END SECTION 18 IN, SIDE DRAIN	827.38
550-4124	2	EA	530.00	FLARED END SECTION 24 IN, SIDE DRAIN	1060.00
550-4130	2	EA	500.00	FLARED END SECTION 30 IN, SIDE DRAIN	1000.00
610-9099	Lump	LS	5000.00	REM WINGWALLS & PARAPETS, STA -	5000.00
668-1100	20	EA	2515.38	CATCH BASIN, GP 1	50307.60
Section Sub Total:					\$144,119.33

Section EROSION CONTROL - TEMPORARY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	2	AC	395.22	TEMPORARY GRASSING	790.44
163-0240	50	TN	169.64	MULCH	8482.00
163-0300	3	EA	1171.08	CONSTRUCTION EXIT	3513.24
163-0503	3	EA	454.43	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	1363.29
163-0528	1600	LF	4.05	CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE	6480.00
165-0030	1400	LF	0.80	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1120.00
165-0041	600	LF	2.08	MAINTENANCE OF CHECK DAMS - ALL TYPES	1248.00
165-0087	3	EA	108.90	MAINTENANCE OF SILT CONTROL GATE, TP 3	326.70
165-0101	3	EA	476.92	MAINTENANCE OF CONSTRUCTION EXIT	1430.76
167-1000	2	EA	577.61	WATER QUALITY MONITORING AND SAMPLING	1155.22
167-1500	12	MO	707.94	WATER QUALITY INSPECTIONS	8495.28
171-0030	2800	LF	3.45	TEMPORARY SILT FENCE, TYPE C	9660.00
Section Sub Total:					\$44,064.93

Section Traffic Signal Installation #1

Item Number	Quantity	Units	Unit Price	Item Description	Cost
639-4004	4	EA	5927.09	STRAIN POLE, TP IV	23708.36
647-1000	Lump	LS	80000.00	TRAFFIC SIGNAL INSTALLATION NO - 1	80000.00
Section Sub Total:					\$103,708.36

Section EROSION CONTROL - PERMANENT

Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-2182	80	SY	53.69	STN DUMPED RIP RAP, TP 3, 24 IN	4295.20
603-7000	80	SY	4.43	PLASTIC FILTER FABRIC	354.40
700-6910	3	AC	831.65	PERMANENT GRASSING	2494.95
700-7000	9	TN	64.43	AGRICULTURAL LIME	579.87
700-7010	8	GL	21.82	LIQUID LIME	174.56
700-8000	5	TN	425.74	FERTILIZER MIXED GRADE	2128.70
700-8100	200	LB	2.32	FERTILIZER NITROGEN CONTENT	464.00
710-9000	300	SY	4.69	PERMANENT SOIL REINFORCING MAT	1407.00
715-2200	200	SY	1.60	BITUMINOUS TREATED ROVING, WATERWAYS	320.00
716-2000	500	SY	0.96	EROSION CONTROL MATS, SLOPES	480.00
Section Sub Total:					\$12,698.68

Section SIGNING AND MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	40	SF	16.70	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	668.00
636-2070	200	LF	9.24	GALV STEEL POSTS, TP 7	1848.00
653-0110	3	EA	64.57	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	193.71
653-0120	26	EA	74.34	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	1932.84
653-0130	2	EA	92.95	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	185.90
653-1704	240	LF	3.51	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	842.40
653-2501	2	LM	1273.48	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2546.96
653-2502	2	LM	1262.71	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	2525.42
653-3501	600	GLF	0.30	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	180.00
653-6004	3000	SY	2.78	THERMOPLASTIC TRAF STRIPING, WHITE	8340.00
653-6006	600	SY	2.70	THERMOPLASTIC TRAF STRIPING, YELLOW	1620.00
654-1001	30	EA	3.09	RAISED PVMT MARKERS TP 1	92.70
654-1002	150	EA	2.84	RAISED PVMT MARKERS TP 2	426.00
654-1003	15	EA	3.19	RAISED PVMT MARKERS TP 3	47.85
654-1010	8	EA	34.46	RAISED PVMT MARKERS TP 10	275.68
Section Sub Total:					\$21,725.46

Total Estimated Cost: \$1,109,123.76

Subtotal Construction Cost	\$1,109,123.76
E&I Contingency 5 %	\$55,456.19
Construction Contingency 5%	\$55,456.19
Fuel Price Contingency	\$156,026.29
Total Construction Cost	\$1,376,062.43
Right Of Way	Local
ReImb. Utilities	\$49,800.00
Utility Contingency 30%	\$14,940.00
Grand Total Project Cost	\$1,440,802.43

P.I. Number 0007547

County HENRY

Date 1/27/2009

Project Number CSHPP-0007-00(547)

**Special Provision, Section 109-Measurement and Payment
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)**

ENTER FPL DIESEL	2.373
ENTER FPM DIESEL	5.339

ENTER FPL UNLEADED	1.566
ENTER FPM UNLEADED	3.5235

<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)	2500.000	0.29	725.00	0.24	600.00	
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)	4200.000	2.90	12180.00	0.71	2982.00	
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	80.00	246.73	19.7384	8.00	157.91	1.50	29.61	Class A
Class __ Concrete (CY) Section 500	1.00	418.18	0.4182	8.00	3.35	1.50	0.63	Class B
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
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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=	13066.25	SUM QF UNLEADED=	3612.23
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DIESEL PRICE ADJUSTMENT(\$)	\$35,657.15
UNLEADED PRICE ADJUSTMENT(\$)	\$6,505.27

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

ENTER APM

MISSING APL OR APM

MISSING APL OR APM

Use this side for Asphalt Emulsion Only

Use this side for Asphalt Cement Only

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

L.I.N.	TYPE	TACK (GALLONS)

TMT =

TMT =

REMARKS:

REMARKS:

MONTHLY PRICE ADJUSTMENT(\$)

MISSING APL OR APM

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)

DIESEL PRICE ADJUSTMENT(\$)

\$35,657.15

UNLEADED PRICE ADJUSTMENT(\$)

\$6,505.27

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

\$463.87

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

\$113,400.00

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

MISSING APL OR APM

REMARKS:

TOTAL ADJUSTMENTS

\$156,026.29

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE **CSHPP-0007-00(547) , Henry County, P.I. # 0007547** OFFICE Thomaston
SR-81 @ Lake Dow Road DATE November 24, 2008

FROM Kerry Gore, District Utilities Engineer

TO Bill Rountree, Project Manager

SUBJECT **PRELIMINARY UTILITY COST (ESTIMATE)**

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimate for each utility with facilities potentially located within the project limits.

<u>FACILITY OWNER</u>	<u>NON-REIMBURSABLE</u>	<u>REIMBURSABLE</u>
Atlanta Gas Light	216,000	0
Snapping Shoals EMC	0	25,300
BellSouth d/b/a AT&T Georgia	18,000	3,500
Charter Communications	34,000	0
Henry County Water & Sewer	129,500	0
Georgia Power Distribution	0	21,000
TOTAL		\$49,800
30% Utilities Contingency:		14,940
Total Reimbursement Cost:		\$64,740

Total reimbursable cost for the above project is \$64,740.

If you have any questions, please contact Glenn A. Williams at 706-646-6696.

KG/pls

cc: Jeff Baker, P.E., State Utilities Engineer (via: e-mail)
Jamie Simpson, Office of Financial Management (via: e-mail)
Mark Sanford, Area Engineer (via: e-mail)