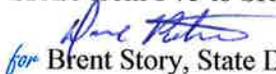


ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #621350 and 0002636 **OFFICE** Design Policy & Support
STP00-0012-01(071)
GDOT District 6 - Cartersville
Bartow County **DATE** May 20, 2011
SR 20 from I-75 to SR 61/US 411 Part Relocation

FROM  Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

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

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator
Ron Wishon, State Project Review Engineer
Phil Copeland, State Right-of-Way Administrator
Glenn Bowman, State Environmental Administrator
Bobby Hilliard, State Program Delivery Engineer
Kathy Zahul, State Traffic Engineer
Cindy VanDyke, State Transportation Planning Administrator
Ben Rabun, State Bridge Design Engineer
Angela Robinson, Financial Management Administrator
Lisa Wesley, Area Engineer - D6, A1
Greg Hood, District Planning & Programming Engineer
DeWayne Comer, District Preconstruction Engineer/Project Manager
Kent L. Sager, District Engineer
BOARD MEMBER - 11th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE	Projects: STP00-0012-01(071) STP00-0002-00(626), Bartow P.I. Numbers: 621350 and 0002626 Project Description: SR 20 from US 411/SR 61 to I-75 US 41/SR 3 at US 411/SR 61	OFFICE	District 6
		DATE	May 17, 2011
FROM:	Dewayne Comer, GDOT District 6 Preconstruction Engineer		
TO:	Brent Story, P.E., State Design Policy Engineer Attn: State Conceptual Design Group Manager		
SUBJECT	Request for Location and Design Approval		

Description and Project Proposal:

Project No. STP00-0012-01(071) – This project consists of the proposed widening and relocation of SR 20 from US 411/SR 61(MP 15.0) to I-75 (MP 17.2) from a two-lane rural section to a four-lane urban section with a 44-foot depressed median, curb and gutter, and sidewalks. This project also includes the widening of SR 61 from north of US 41/SR 3 (MP 10.3) to north of Peoples Valley Road (MP 10.80) from a three-lane rural section to a four-lane urban section with a 20-foot raised median, curb and gutter, and sidewalks. The total length of the proposed project is approximately 2.2 miles.

Project No. STP00-0002-00(626) – This project consists of the reconstruction of the existing historic interchange of US 41/SR 3 at US 411/SR 61, using a partial diamond, partial cloverleaf interchange design. This reconstruction includes the addition of a loop ramp for northbound SR 61 traffic to northbound US 41/SR 3 without traffic interfering with southbound SR 61 traffic to US 41/SR 3 northbound. Some relocation of all existing ramps will be required with the reconstruction proposed. Improvements along US 41/SR 3 will also be required from just south of the interchange (MP 10.8) to Massell Drive (MP 11.8), including the addition of an additional northbound lane on US 41/SR 3, and removal and replacement of both bridges on US 41/SR 3 over US 411/SR 61, over CSX Railroad and over Pettit Creek. This project also includes the widening of SR 61 from Felton Road (MP 9.8) to north of US 41/SR 3 (MP 10.3) from a two/three-lane urban and rural section to a four-lane urban section with a 20-foot raised median, curb and gutter, and sidewalks. The total length of the proposed project is approximately 1.0 miles.

Concept Approval Date: Original Concept Approval in March 1993; Revised Concept Report Approval on February 11, 2000.

Concept Update: Design Speed for SR 20 revised from 55 mph from Market Place Blvd. to I-75 to 45 mph to provide a 45 mph Design Speed along entire length of the SR 20 improvements. Along SR 20, the shoulders were revised to provide curb and gutter and sidewalks along the entire length of project improvements. Shoulder width was increased to provide a 6-foot grass strip between back of curb and sidewalk per current GDOT policy. Existing bridges on US 41/SR 3 over CSX Railroad are to be removed and replaced instead of widened to provide necessary geometric improvements to meet current

design criteria at this crossing. Existing northbound bridge on US 41/SR 3 over Pettit Creek is to be removed and replaced instead of widened due to low sufficiency rating and substandard load capacity. Existing southbound bridge on US 41/SR 3 over Pettit Creek is to be removed and replaced due to low sufficiency rating and substandard load capacity. Previously, no improvements were identified at the existing southbound bridge on US 41/SR 3 over Pettit Creek. Traffic projections have been updated from the original concept report. The current year traffic was updated from 33190 (2003) to 27700 (2014), and the future year traffic was updated from 49130 (2023) to 43700 (2034).

Environmental Document Type, Approval Date & any Reevaluations

- EA/FONSI; Approved on April 14, 2011
- No Reevaluations have been made to date.

Public Involvement:

- Public Hearing Open House Results:
 - A PHOH was held on February 5, 2008 at GDOT's District 6 Office. The GDOT responded to all of the comments received, informing the citizens that their concerns would be taken into consideration. The following is a list of the main issues noted in the comments, which are followed by the GDOT responses and any changes in the plans (in italics) as a result of the comments:

Comment: If the old clover leaf needs to be changed or removed, then it should be photo documented.

Response: *Prior to project implementation, the interchange and bridges will be recorded to HAER standards, which include extensive photographic documentation. The documentation will be stored on permanent deposit at the Library of Congress. This documentation serves as a permanent record of the growth and development of the nation's built environment and provides future researchers access to valuable information that otherwise would be lost. This mitigation was determined in a Memorandum of Agreement (MOA) through consultation between the FHWA and the SHPO and signed by FHWA on October 25, 2004.*

Comment: There is a need for a traffic signal to be installed at the north end of the project.

Response: *Along SR 20, traffic signals are proposed at Peeples Valley Road, Marketplace Drive, Cline Smith Road, and at the I-75 southbound ramp. Along US 411/SR 61, traffic signals are proposed at Peeples Valley Road, at the US 41/SR 3 ramp terminals, and at Felton Road. Along US 41/SR 3, traffic signals are not proposed within the project limits at this time. Existing traffic conditions at the Massell Drive and the new frontage road intersections do not currently warrant a traffic signal.*

Comment: Concern that removal of the crossover on Hwy 41 to the west of the interchange would have a detrimental effect on the serviceability and safety at the intersection of Hwy 41 and Commerce Station Drive. A crossover with a traffic light would be safer.

Response: *A median crossover and traffic signal at this location is not recommended. The existing median opening to this newly constructed development has been planned to*

be closed due to its proximity to the CSX overpass bridge and the ramp terminals of the interchange of US 41/SR 3 and US 411/SR 61. Keeping the median opening and adding a traffic signal at this location will reduce the operational capacity of the roadway and interchange as the signal will increase delays through the area. The median opening will also create an unsafe weaving movement for traffic attempting to enter the highway on the interchange ramp and then crossing over multiple lanes of traffic in a short distance (700 feet from ramp terminal to existing median opening) to turn left into the development. With minimum deceleration lengths and tapers for a median opening at this location, the taper for the left turn lane will start only 100 feet from the ramp terminal to complete the weave movement across 2-3 lanes of traffic which is not recommended. This recommendation would also require changes to the bridge layout to accommodate the turn lanes for the median opening increasing the cost of the project. Therefore, a median crossover and traffic signal at this location is not recommended.

Comment: The existing interchange is very dangerous and needs to be made into a cloverleaf as soon as possible.

Response: *The proposed cloverleaf will be under construction within 24-36 months.*

Comment: To benefit the college, a larger sidewalk and dedicated bike path is recommended from Cline Smith Road to Hwy 411.

Response: *Sidewalks have been proposed along both sides of SR 20 and US 411/SR 61. They have been designed to meet current ADA requirements. Due to the necessity of additional funding and right-of-way, larger sidewalks are not currently planned. SR 20 and the project area are not listed on the State's Bikeway Plan; therefore, a dedicated bike path is not included in this project.*

Comment: Concern about access onto The Salvation Army Social Services Offices and Family Story properties from northbound traffic on both Tennessee St and Hwy 41.

Response: *A new dedicated access road and entrance to this property and the neighboring commercial properties will be constructed as part of this project to improve the access and safety of traffic movements into this commercial development. The new access road will be constructed north of the existing access point and will include a dedicated left turn lane for northbound traffic to use when entering this development. This access road will greatly improve the safety and operational characteristics of the roadway along these properties.*

Comment: Concern about drainage and sewer availability on the property where the Salvation Army is located. The front lot is paved and drains into the ditch that parallels the current western right-of-way of Hwy. 411. There are drains and drain tiles that empty into the ditch. The curb and gutter need to accommodate this drainage.

Response: *Curb and gutter and a closed drainage system will be utilized on this project along US 411/SR 61 adjacent to this property. The improvements to US 411/SR 61 will encroach onto the parking lot for this property, and therefore, the existing drainage system for this property will need to be modified to accommodate the improvements along US 411/SR 61. The drains and drain tiles mentioned are not apparent from the survey and will be field verified to appropriately accommodate the drainage on this property.*

Comment: Efforts should be made to minimize effects on area businesses and property owners, including the necessity of a 20-foot wide raised median.

Response: *The National Environment Policy Act (NEPA) requires that project impacts be considered and that the alternative that best meets the project purpose and need while minimizing impacts be selected. Traffic studies warrant the need for a 20-foot wide raised median to help meet the safety needs of the project.*

- Twelve (12) comment forms were received at the PHOH. No oral statements were received. One additional written statement was received during the ten-day comment period following the meeting, and one written comment was received after the ten-day comment period.
- Of the 14 comments received, ten people were in favor of the project and four were conditional. It should be noted that during the PHOH, four residential displacements were proposed. However, due to design changes, the Wilmer House will no longer be displaced. Therefore, only three residences will now be displaced by the proposed project.
- A total of 89 people attended the open house.
- Briefly describe the major changes made as a result of the comments received at the public hearings.

In response to the public comments, the Department will ensure that driveway access is maintained, although access may be in a new location. Currently, SR 20 and the project area are not listed on the State's Bikeway Plan. Sidewalks have been proposed along SR 20 and US 411/SR 61, but bike facilities are not part of this project. Traffic signals will be placed in locations where traffic studies have warranted the need for a signal.

After reviewing the comments received during the comment period, a decision has been made by the responsible officials to proceed with the Selected Alternative.

- **Public Information Open House:**
A PIOH was held on October 3, 2000. 58 people attended. Of the 19 comments received, 8 people were in favor of the project, 1 was opposed, and 10 were uncommitted/conditional. The purpose of the meeting was to inform the public about the plans to reconstruct SR 20 and the improvements to the US 41/SR 3 and US 411/SR 61 interchange. Input from the attendees was solicited. Many of the comments requested additional improvements that were outside the scope of this project, opposition to the Northern Arc Project (which is not considered a part of the proposed project), opposition to the proposed median, and the loss of access to property. The GDOT responded to all of the comments received.

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: It is recommend that the Location and Design for the project be approved and that the attached Notice be approved for advertising.

RECOMMEND: Ben Buchan
Ben Buchan, P.E., Director of Engineering

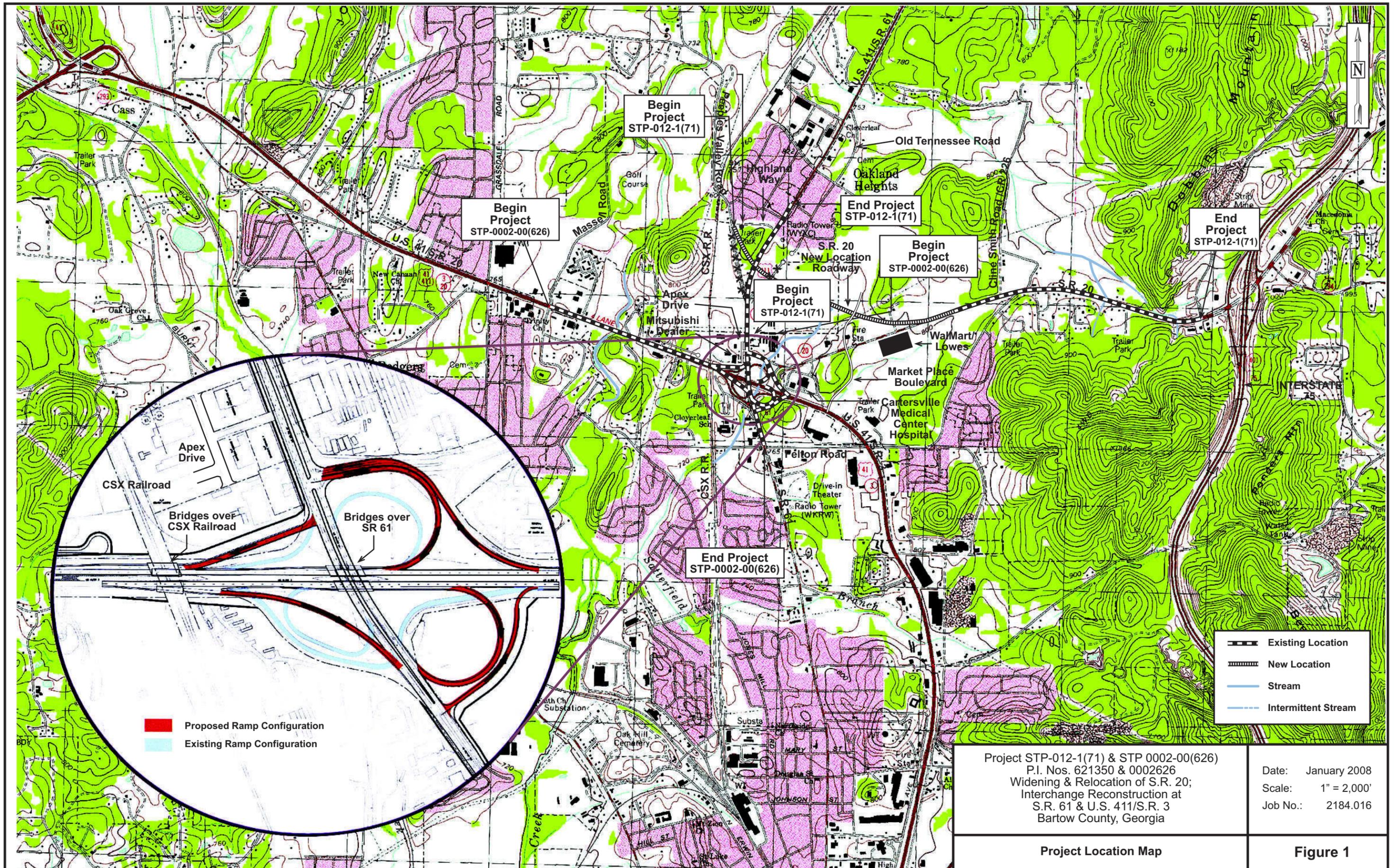
APPROVE: Gerald Ross
Gerald Ross, P.E., Chief Engineer

05/19/2011
DATE

DATE OF LOCATION AND DESIGN APPROVAL: May 20, 2011
(To be entered by the State Conceptual Design Group Manager)

Attachments:

- Sketch Map
- Cost Estimate
- Notice of Location and Design Approval



Project STP-012-1(71) & STP 0002-00(626)
 P.I. Nos. 621350 & 0002626
 Widening & Relocation of S.R. 20;
 Interchange Reconstruction at
 S.R. 61 & U.S. 41/S.R. 3
 Bartow County, Georgia

Date: January 2008
 Scale: 1" = 2,000'
 Job No.: 2184.016

Project Location Map

Figure 1

	621350
	Qty. Amount
excavation	40000
500-3101 Class A Conc.	202
511-1000 Bar Reinf Steel	18381
gab	129400
402-1812 Leveling	2500
402-3121 (25mm)	29600
402-3130 (12.5mm)	11400
402-3190(19mm)	14800
413-1000 (tack coat)	19000
430-1220 (conc. Pvt.)	0
500-9999 (Class B Conc.)	50

Base Construction Costs

Total Base Cost	\$11,813,241.73
E & C (5%)	\$590,662.09
Construction Contingency (0%)	\$0.00
fuel adjustment Dollar Amount	\$1,029,832.17
asphalt adjustment Dollar Amount	\$1,600,369.24
Grand Total Construction Costs	\$15,034,105.23
ROW Costs	\$0.00
Total Project Cost	\$15,034,105.23

Estimate Report for file "621350 2010-6-30"

Section GRADING AND DRAINAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
206-0002	40000	CY	5.43	BORROW EXCAV, INCL MATL	217200.0
208-0100	170000	CY	3.5	IN PLACE EMBANKMENT	595000.0
441-6222	27400	LF	15.92	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	436208.0
441-6740	4600	LF	13.45	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	61870.0
500-3800	29	CY	724.04	CLASS A CONCRETE, INCL REINF STEEL	20997.16
550-1180	9400	LF	38.29	STORM DRAIN PIPE, 18 IN, H 1-10	359926.0
550-1240	1200	LF	45.52	STORM DRAIN PIPE, 24 IN, H 1-10	54624.00
550-1300	1250	LF	59.55	STORM DRAIN PIPE, 30 IN, H 1-10	74437.5
550-1360	500	LF	66.11	STORM DRAIN PIPE, 36 IN, H 1-10	33055.0
550-1420	800	LF	86.72	STORM DRAIN PIPE, 42 IN, H 1-10	69376.0
550-1480	550	LF	104.11	STORM DRAIN PIPE, 48 IN, H 1-10	57260.5
550-2180	500	LF	33.42	SIDE DRAIN PIPE, 18 IN, H 1-10	16710.0
550-2240	200	LF	35.94	SIDE DRAIN PIPE, 24 IN, H 1-10	7188.0
550-4118	20	EA	413.69	FLARED END SECTION 18 IN, SIDE DRAIN	8273.8
550-4124	10	EA	530.0	FLARED END SECTION 24 IN, SIDE DRAIN	5300.0
550-4218	30	EA	606.17	FLARED END SECTION 18 IN, STORM DRAIN	18185.1
550-4224	3	EA	744.88	FLARED END SECTION 24 IN, STORM DRAIN	2234.64
550-4230	4	EA	834.37	FLARED END SECTION 30 IN, STORM DRAIN	3337.48
550-4236	1	EA	1068.75	FLARED END SECTION 36 IN, STORM DRAIN	1068.75
550-4242	8	EA	1362.13	FLARED END SECTION 42 IN, STORM DRAIN	10897.04
576-1010	274	LF	25.0	SLOPE DRAIN PIPE, 10 IN	6850.0
576-1018	224	LF	44.49	SLOPE DRAIN PIPE, 18 IN	9965.76
577-1100	12	EA	1700.95	METAL DRAIN INLET - COMPLETE ASSEMBLY	20411.4
668-1100	100	EA	2499.45	CATCH BASIN, GP 1	249944.99
668-1110	20	LF	225.9	CATCH BASIN, GP 1, ADDL DEPTH	4518.0
668-1200	10	EA	3136.75	CATCH BASIN, GP 2	31367.5
668-2100	40	EA	2455.35	DROP INLET, GP 1	98214.0
668-2110	10	LF	294.66	DROP INLET, GP 1, ADDL DEPTH	2946.60
668-2200	5	EA	3135.95	DROP INLET, GP 2	15679.75
668-4300	10	EA	2309.91	STORM SEWER MANHOLE, TP 1	23099.1
668-4311	10	LF	239.91	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	2399.1
668-4400	2	EA	2911.33	STORM SEWER MANHOLE, TP 2	5822.66
Section Sub Total:					\$2,524,367.84

Section BASE AND PAVING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	129400	TN	17.99	GR AGGR BASE CRS, INCL MATL	2327906.0
402-1812	2500	TN	69.44	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	173600.0
402-3121	29600	TN	60.11	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1779256.0
402-3130	11400	TN	64.0	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	729600.0
402-3190	14800	TN	68.26	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1010248.00
413-1000	19000	GL	2.15	BITUM TACK COAT	40850.0
432-5010	3500	SY	1.24	MILL ASPH CONC PVMT, VARIABLE DEPTH	4340.0
441-0740	5150	SY	35.97	CONCRETE MEDIAN, 4 IN	185245.5
446-1100	19200	LF	5.2	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	99840.0
500-9999	50	CY	190.7	CLASS B CONC, BASE OR PVMT WIDENING	9535.0
Section Sub Total:					\$6,360,420.50

Section MAJOR STRUCTURES					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	81	CY	54.74	FOUND BKFILL MATL, TP II	4433.94
500-3101	202	CY	293.71	CLASS A CONCRETE	59329.42
511-1000	18381	LB	0.89	BAR REINF STEEL	16359.09
Section Sub Total:					\$80,122.45

Section GRASSING AND EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	16	AC	375.19	TEMPORARY GRASSING	6003.04
163-0240	280	TN	164.91	MULCH	46174.79
163-0300	6	EA	1220.17	CONSTRUCTION EXIT	7321.02
163-0503	50	EA	454.35	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	22717.5
163-0520	500	LF	15.0	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	7500.0
163-0522	25	EA	92.93	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE A SILT FENCE	2323.25
163-0523	25	EA	144.07	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE C SILT FENCE	3601.75
163-0524	50	EA	178.74	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - STONE PLAIN RIP RAP/SAND BAGS	8937.0
163-0530	1000	LF	2.62	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	2620.0
163-0550	170	EA	208.95	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	35521.5
165-0010	5000	LF	0.73	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	3650.0
165-0030	12000	LF	0.79	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	9480.0
165-0040	100	EA	55.8	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	5580.0
165-0070	500	LF	2.29	MAINTENANCE OF BALED STRAW EROSION CHECK	1145.0
165-0087	50	EA	112.19	MAINTENANCE OF SILT CONTROL GATE, TP 3	5609.5
165-0101	24	EA	500.48	MAINTENANCE OF CONSTRUCTION EXIT	12011.52
165-0105	170	EA	85.71	MAINTENANCE OF INLET SEDIMENT TRAP	14570.69
167-1000	2	EA	559.68	WATER QUALITY MONITORING AND SAMPLING	1119.36
167-1500	24	MO	746.02	WATER QUALITY INSPECTIONS	17904.48
171-0010	10000	LF	2.38	TEMPORARY SILT FENCE, TYPE A	23800.0
171-0030	24000	LF	3.67	TEMPORARY SILT FENCE, TYPE C	88080.0
201-1500	1	LS	550000.0	CLEARING & GRUBBING -	550000.0
441-0204	500	SY	38.31	PLAIN CONC DITCH PAVING, 4 IN	19155.0
603-2024	1300	SY	48.18	STN DUMPED RIP RAP, TP 1, 24 IN	62634.0
603-7000	1800	SY	4.35	PLASTIC FILTER FABRIC	7829.99
700-6910	32	AC	824.81	PERMANENT GRASSING	26393.92
700-7000	32	TN	65.41	AGRICULTURAL LIME	2093.12
700-7010	80	GL	22.15	LIQUID LIME	1772.0
700-8000	42	TN	458.16	FERTILIZER MIXED GRADE	19242.72
700-8100	1600	LB	2.34	FERTILIZER NITROGEN CONTENT	3744.0
716-2000	5000	SY	0.96	EROSION CONTROL MATS, SLOPES	4800.0
Section Sub Total:					\$1,023,335.18

Section SIGNING AND MARKING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	720	SF	20.25	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	14580.0
636-1041	120	SF	45.57	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	5468.4
636-2070	500	LF	9.01	GALV STEEL POSTS, TP 7	4505.0
639-4004	12	EA	5869.88	STRAIN POLE, TP IV	70438.56
647-1000	1	LS	65000.0	TRAFFIC SIGNAL INSTALLATION NO - 2: SR 20 @ MARKETPLACE BLVD	65000.0
647-1000	1	LS	50000.0	TRAFFIC SIGNAL INSTALLATION NO - 3: SIGNAL MODIFICATIONS AT CLINE SMITH ROAD	50000.0
647-1000	1	LS	50000.0	TRAFFIC SIGNAL INSTALLATION NO - 4: SIGNAL MODIFICATIONS AT I-75	50000.0
647-1000	1	LS	65000.0	TRAFFIC SIGNAL INSTALLATION NO - 1: SR 20 @ PEEPLES VALLEY ROAD	65000.0
653-0120	120	EA	75.17	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	9020.4
653-0170	30	EA	87.66	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	2629.79

653-1501	30000	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	13800.0
653-1502	30000	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	13800.0
653-1704	600	LF	3.46	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	2076.0
653-1804	400	LF	1.68	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	672.0
653-3501	40000	GLF	0.32	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	12800.0
653-6004	5000	SY	2.74	THERMOPLASTIC TRAF STRIPING, WHITE	13700.00
653-6006	10000	SY	2.68	THERMOPLASTIC TRAF STRIPING, YELLOW	26800.0
654-1002	200	EA	2.82	RAISED PVMT MARKERS TP 2	564.0
654-1003	350	EA	3.26	RAISED PVMT MARKERS TP 3	1141.0
Section Sub Total:					\$421,995.16

Section MISCELLANEOUS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	700000.0	TRAFFIC CONTROL - PROJECT NO. STP-012-1 (71)	700000.0
441-0104	15300	SY	34.66	CONC SIDEWALK, 4 IN	530298.0
620-0200	1000	LF	57.02	TEMPORARY BARRIER, METHOD NO. 2	57020.0
641-1100	200	LF	52.3	GUARDRAIL, TP T	10460.0
641-1200	3000	LF	18.14	GUARDRAIL, TP W	54420.0
641-5001	20	EA	675.5	GUARDRAIL ANCHORAGE, TP 1	13510.0
641-5012	20	EA	1864.63	GUARDRAIL ANCHORAGE, TP 12	37292.60
Section Sub Total:					\$1,403,000.60

Total Estimated Cost: \$11,813,241.73

P.I. Number 621350

County BARTOW

Project Number STP00-0012-01(071)

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

ENTER FPL DIESEL	3.092
ENTER FPM DIESEL	6.957

ENTER FPL UNLEADED	2.776
ENTER FPM UNLEADED	6.246

<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)	40000.000	0.29	11600.00	0.15	6000.00	BORROW EXCAVATION
GAB paid as specified by the ton under Section 310 (TON)	129400.000	0.29	37526.00	0.24	31056.00	GAB
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)	58300.000	2.90	169070.00	0.71	41393.00	ALL ASPHALT INCL LEVELING
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	50.00	190.70	9.5350	8.00	76.28	1.50	14.30	CLASS B CONC, BASE AND PVMT WIDEN
Class __Concrete (CY) Section 500	29.00	724.04	20.9972	8.00	167.98	1.50	31.50	CLASS A CONC, INCL REINF STEEL
Class __Concrete (CY) Section 500	202.00	293.71	59.3294	8.00	474.64	1.50	88.99	CLASS A CONC
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 <u>Plan Quantity</u> (LB) Section 501				8.00		1.50		
Stru Steel <u>Plan Quantity</u> (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 <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Stru Reinf <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511	18381.00	0.89	16.3591	8.00	130.87	1.50	24.54	REBAR
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=	219045.77	SUM QF UNLEADED=	78608.33
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DIESEL PRICE ADJUSTMENT(\$)	\$778,882.93
UNLEADED PRICE ADJUSTMENT(\$)	\$250,949.24

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

125.00%	INCREASE ADJUSTMENT
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Use this side for Asphalt Emulsion Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
4131000		19000
TMT =		<input style="width: 100px;" type="text" value="53.0445"/>
REMARKS:		

Use this side for Asphalt Cement Only		
L.I.N.	TYPE	TACK (GALLONS)
TMT =		<input style="width: 100px;" type="text"/>
REMARKS:		

MONTHLY PRICE ADJUSTMENT(\$)	\$29,025.94
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ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX*)

DIESEL PRICE ADJUSTMENT(\$) \$778,882.93

UNLEADED PRICE ADJUSTMENT(\$) \$250,949.24

ASPHALT CEMENT PRICE ADJUSTMENT (*BITUMINOUS TACK COAT 125% MAX*) \$44,655.30

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT *125% MAX* \$1,526,688.00

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(*Surface Treatment 125% MAX*) \$29,025.94

REMARKS:

TOTAL ADJUSTMENTS	\$2,630,201.41
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RIGHT OF WAY COST ESTIMATE

DATE: 12/12/2008 **P.I #:** 621350
PROJECT NO: STP-012-1(71) Bartow **PARCELS:** 50
EXISTING REQUIRED R/W:
PROJECT TERMINI: State Route 20 between US 411 and I-75
PROJECT DESCRIPTION: State Route 20 Improvement

LAND:

Res., Comm., Indus., Govt., etc.,				Total	\$	\$5,998,212
435,600	Com. Sq Ft	X	\$13.77			
267,894	Res. Sq Ft	X	\$3.19			\$854,582

IMPROVEMENTS: (Includes Related Site Improvements)
 none

Total \$ 0

RELOCATION:

3 Res. Displacees	\$40,000	Per Relocation	\$	120,000
2 Comm. Displacees	\$25,000	Per Relocation	\$	50,000
Total				\$ 170,000

DAMAGES: (Includes Cost to Cure and Trade Fixtures)
 estimated

Proximity:	\$0
Consequential:	\$50,000
Cost to Cure:	\$10,000

Total \$ 60,000

SUB-TOTAL \$ 7,082,794

Net Cost		\$ 7,082,794
Scheduling Contingency	55%	\$ 10,978,330
Administrative/Court Costs	60%	\$ 17,565,329
		\$

TOTAL COST \$ **\$17,600,000**

Prepared By: _____

Approved By: _____

Howard P. Copeland
R/W Administrator

revised 12-08-06

	2626
	Qty. Amount
excavation	231000
500-3101 Class A Conc.	424
511-1000 Bar Reinf Steel	39348
gab	93900
402-1812 Leveling	2500
402-3121 (25mm)	23200
402-3130 (12.5mm)	8700
402-3190(19mm)	11600
413-1000 (tack coat)	12250
430-1220 (conc. Pvt.)	0
500-9999 (Class B Conc.)	50

Base Construction Costs

Total Base Cost	\$18,156,444.61
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E & C (5%)	\$907,822.23
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Construction Contingency (0%)	\$0.00
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fuel adjustment Dollar Amount	\$1,101,818.75
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asphalt adjustment Dollar Amount	\$1,237,665.00
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Grand Total Construction Costs	\$21,403,750.59
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ROW Costs	\$0.00
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Total Project Cost	\$21,403,750.59
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Estimate Report for file "0002626 2010-06-25"

Section MISCELLANEOUS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	1200000.0	TRAFFIC CONTROL - PROJECT NO. STP-0002-00(626)	1200000.0
441-0104	3300	SY	34.66	CONC SIDEWALK, 4 IN	114377.99
620-0100	3000	LF	30.26	TEMPORARY BARRIER, METHOD NO. 1	90780.0
620-0200	1000	LF	57.02	TEMPORARY BARRIER, METHOD NO. 2	57020.0
621-3020	1000	LF	50.75	CONCRETE BARRIER, TYPE 20	50750.0
641-1100	700	LF	52.3	GUARDRAIL, TP T	36610.0
641-1200	5000	LF	18.14	GUARDRAIL, TP W	90700.0
641-5001	24	EA	675.5	GUARDRAIL ANCHORAGE, TP 1	16212.0
641-5012	24	EA	1864.63	GUARDRAIL ANCHORAGE, TP 12	44751.12
648-1350	3	EA	20362.0	IMPACT ATTENUATOR UNIT, TYPE P -	61086.0
Section Sub Total:					\$1,762,287.12

Section SIGNING AND MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	600	SF	20.25	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	12150.0
636-1041	100	SF	45.57	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	4557.0
636-2070	400	LF	9.01	GALV STEEL POSTS, TP 7	3604.0
639-4004	12	EA	5869.88	STRAIN POLE, TP IV	70438.56
647-1000	1	LS	65000.0	TRAFFIC SIGNAL INSTALLATION NO - 2: SW QUAD RAMPS	65000.0
647-1000	1	LS	50000.0	TRAFFIC SIGNAL INSTALLATION NO - 3: SIGNAL MODIFICATIONS AT FELTON ROAD	50000.0
647-1000	1	LS	65000.0	TRAFFIC SIGNAL INSTALLATION NO - 1: NW QUAD RAMPS	65000.0
653-0120	60	EA	75.17	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	4510.2
653-0170	20	EA	87.66	THERMOPLASTIC PVMT MARKING, ARROW, TP 7	1753.19
653-1501	20000	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	9200.0
653-1502	20000	LF	0.46	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	9200.0
653-1704	500	LF	3.46	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1730.0
653-1804	3500	LF	1.68	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	5880.0
653-3501	28000	GLF	0.32	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	8960.0
653-6004	1000	SY	2.74	THERMOPLASTIC TRAF STRIPING, WHITE	2740.0
653-6006	1000	SY	2.68	THERMOPLASTIC TRAF STRIPING, YELLOW	2680.0
654-1002	200	EA	2.82	RAISED PVMT MARKERS TP 2	564.0
654-1003	350	EA	3.26	RAISED PVMT MARKERS TP 3	1141.0
657-1054	2000	LF	3.74	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	7480.0
657-3054	4000	GLF	2.64	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, WHITE, TP PB	10560.0
657-6054	2000	LF	3.74	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	7480.0
Section Sub Total:					\$344,627.96

Section GRADING AND DRAINAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
205-0001	231000	CY	2.91	UNCLASS EXCAV	672210.0
441-6222	6200	LF	15.92	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	98704.0
441-6740	5800	LF	13.45	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	78010.0
550-1180	3240	LF	38.29	STORM DRAIN PIPE, 18 IN, H 1-10	124059.59
550-1240	720	LF	45.52	STORM DRAIN PIPE, 24 IN, H 1-10	32774.4
550-1300	480	LF	59.55	STORM DRAIN PIPE, 30 IN, H 1-10	28584.0
550-1360	640	LF	66.11	STORM DRAIN PIPE, 36 IN, H 1-10	42310.4

550-2180	240	LF	33.42	SIDE DRAIN PIPE, 18 IN, H 1-10	8020.8
550-2240	80	LF	35.94	SIDE DRAIN PIPE, 24 IN, H 1-10	2875.2
550-4118	12	EA	413.69	FLARED END SECTION 18 IN, SIDE DRAIN	4964.28
550-4124	4	EA	530.0	FLARED END SECTION 24 IN, SIDE DRAIN	2120.0
550-4218	10	EA	606.17	FLARED END SECTION 18 IN, STORM DRAIN	6061.7
550-4224	4	EA	744.88	FLARED END SECTION 24 IN, STORM DRAIN	2979.52
550-4230	2	EA	834.37	FLARED END SECTION 30 IN, STORM DRAIN	1668.74
550-4236	6	EA	1068.75	FLARED END SECTION 36 IN, STORM DRAIN	6412.5
576-1010	200	LF	25.0	SLOPE DRAIN PIPE, 10 IN	5000.0
576-1018	350	LF	44.49	SLOPE DRAIN PIPE, 18 IN	15571.5
577-1100	10	EA	1700.95	METAL DRAIN INLET - COMPLETE ASSEMBLY	17009.5
668-1100	30	EA	2499.45	CATCH BASIN, GP 1	74983.5
668-1110	10	LF	225.9	CATCH BASIN, GP 1, ADDL DEPTH	2259.0
668-1200	0	EA	3136.75	CATCH BASIN, GP 2	0.0
668-2100	5	EA	2455.35	DROP INLET, GP 1	12276.75
668-2110	5	LF	294.66	DROP INLET, GP 1, ADDL DEPTH	1473.30
668-2200	0	EA	3135.95	DROP INLET, GP 2	0.0
668-4300	5	EA	2309.91	STORM SEWER MANHOLE, TP 1	11549.55
668-4311	5	LF	239.91	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	1199.55
668-4400	0	EA	2911.33	STORM SEWER MANHOLE, TP 2	0.0
Section Sub Total:					\$1,253,077.79

Section BASE AND PAVING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	93900	TN	17.99	GR AGGR BASE CRS, INCL MATL	1689260.99
402-1812	2500	TN	69.44	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	173600.0
402-3121	23200	TN	60.11	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1394552.0
402-3130	8700	TN	64.0	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	556800.0
402-3190	11600	TN	68.26	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	791816.00
413-1000	12250	GL	2.15	BITUM TACK COAT	26337.5
432-5010	1500	SY	1.24	MILL ASPH CONC PVMT, VARIABLE DEPTH	1860.0
441-0740	3030	SY	35.97	CONCRETE MEDIAN, 4 IN	108989.09
446-1100	12000	LF	5.2	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	62400.0
500-9999	50	CY	190.7	CLASS B CONC, BASE OR PVMT WIDENING	9535.0
Section Sub Total:					\$4,815,150.60

Section MAJOR STRUCTURES

Item Number	Quantity	Units	Unit Price	Item Description	Cost
207-0203	148	CY	54.74	FOUND BKFILL MATL, TP II	8101.52
500-3101	424	CY	293.71	CLASS A CONCRETE	124533.04
511-1000	39348	LB	0.89	BAR REINF STEEL	35019.72
540-1102	2	LS	220000.0	REMOVAL OF EXISTING BR, BR NO - 1 - US 41/SR 3 OVER PETTIT CREEK (2 BRIDGES)	440000.0
540-1102	2	LS	220000.0	REMOVAL OF EXISTING BR, BR NO - 2 - US 41/SR 3 OVER CSX RR (2 BRIDGES)	440000.0
540-1102	2	LS	220000.0	REMOVAL OF EXISTING BR, BR NO - 3 - US 41/SR 3 OVER US 411/SR 61 (2 BRIDGES)	440000.0
627-1000	483	SF	32.25	MSE WALL FACE, 0 - 10 FT HT, WALL NO -	15576.75
627-1010	4080	SF	34.3	MSE WALL FACE, 10 - 20 FT HT, WALL NO -	139944.0
627-1020	2467	SF	38.89	MSE WALL FACE, 20 - 30 FT HT, WALL NO -	95941.63
627-1160	410	LF	150.0	TRAFFIC BARRIER H, WALL NO -	61500.0
999-9999	28145	SF	100.0	BRIDGE REPLACEMENT - US 41/SR 3 OVER US 411/SR 61 (261 x 107.83)	2814500.0
999-9999	18368	SF	100.0	BRIDGE REPLACEMENT - US 41/SR 3 OVER PETTIT CREEK (155 x 65.25 LT & 53.25 RT)	1836800.0
999-9999	26663	SF	100.0	BRIDGE REPLACEMENT - US 41/SR 3 OVER CSX RR (225 x 65.25 LT & 53.25 RT)	2666300.0
Section Sub Total:					\$9,118,216.66

Section GRASSING AND EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	17	AC	375.19	TEMPORARY GRASSING	6378.23
163-0240	300	TN	164.91	MULCH	49473.0
163-0300	4	EA	1220.17	CONSTRUCTION EXIT	4880.68
163-0503	19	EA	454.35	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	8632.65
163-0520	1000	LF	15.0	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	15000.0
163-0522	50	EA	92.93	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE A SILT FENCE	4646.5
163-0523	50	EA	144.07	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - TYPE C SILT FENCE	7203.5
163-0524	100	EA	178.74	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS - STONE PLAIN RIP RAP/SAND BAGS	17874.0
163-0530	1000	LF	2.62	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	2620.0
163-0550	30	EA	208.95	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	6268.5
165-0010	3000	LF	0.73	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	2190.0
165-0030	9000	LF	0.79	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	7110.0
165-0040	200	EA	55.8	MAINTENANCE OF EROSION CONTROL CHECKDAMS/DITCH CHECKS	11160.0
165-0070	500	LF	2.29	MAINTENANCE OF BALED STRAW EROSION CHECK	1145.0
165-0087	19	EA	112.19	MAINTENANCE OF SILT CONTROL GATE, TP 3	2131.61
165-0101	16	EA	500.48	MAINTENANCE OF CONSTRUCTION EXIT	8007.68
165-0105	30	EA	85.71	MAINTENANCE OF INLET SEDIMENT TRAP	2571.29
167-1000	2	EA	559.68	WATER QUALITY MONITORING AND SAMPLING	1119.36
167-1500	30	MO	746.02	WATER QUALITY INSPECTIONS	22380.6
171-0010	6000	LF	2.38	TEMPORARY SILT FENCE, TYPE A	14280.0
171-0030	18000	LF	3.67	TEMPORARY SILT FENCE, TYPE C	66060.0
201-1500	1	LS	480000.0	CLEARING & GRUBBING -	480000.0
441-0204	900	SY	38.31	PLAIN CONC DITCH PAVING, 4 IN	34479.0
603-2024	380	SY	48.18	STN DUMPED RIP RAP, TP 1, 24 IN	18308.4
603-7000	1280	SY	4.35	PLASTIC FILTER FABRIC	5568.0
700-6910	34	AC	824.81	PERMANENT GRASSING	28043.53
700-7000	34	TN	65.41	AGRICULTURAL LIME	2223.94
700-7010	85	GL	22.15	LIQUID LIME	1882.74
700-8000	39	TN	458.16	FERTILIZER MIXED GRADE	17868.24
700-8100	1700	LB	2.34	FERTILIZER NITROGEN CONTENT	3977.99
716-2000	10000	SY	0.96	EROSION CONTROL MATS, SLOPES	9600.0
Section Sub Total:					\$863,084.48

Total Estimated Cost: \$18,156,444.61

P.I. Number 2626

County BARTOW

Project Number STP00-0002-00(626)

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

ENTER FPL DIESEL	3.092
ENTER FPM DIESEL	6.957

ENTER FPL UNLEADED	2.776
ENTER FPM UNLEADED	6.246

<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)	231000.000	0.29	66990.00	0.15	34650.00	UNCLASS EXCAV
Excavations paid as specified by Sections 206 (CUBIC YARD)		0.29		0.15		
GAB paid as specified by the ton under Section 310 (TON)	93900.000	0.29	27231.00	0.24	22536.00	GAB
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)	46000.000	2.90	133400.00	0.71	32660.00	ALL ASPHALT INCL LEVELING
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	50.00	190.70	9.5350	8.00	76.28	1.50	14.30	CLASS B CONC, BASE OR PVMT WIDEN
Class __Concrete (CY) Section 500	424.00	293.71	124.5330	8.00	996.26	1.50	186.80	CLASS A CONC
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 <u>Plan Quantity</u> (LB) Section 501				8.00		1.50		
Stru Steel <u>Plan Quantity</u> (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 <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Stru Reinf <u>Plan Quantity</u> (LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511	39348.00	0.89	35.0197	8.00	280.16	1.50	52.53	REBAR
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=		228973.70		SUM QF UNLEADED=		90099.63		
DIESEL PRICE ADJUSTMENT(\$)				\$814,184.69				
UNLEADED PRICE ADJUSTMENT(\$)				\$287,634.06				

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

125.00%	INCREASE ADJUSTMENT
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Use this side for Asphalt Emulsion Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)
4131000		12250
TMT =		<input style="width: 100px;" type="text" value="34.1997"/>
REMARKS:		

Use this side for Asphalt Cement Only		
L.I.N.	TYPE	TACK (GALLONS)
TMT =		<input style="width: 100px;" type="text"/>
REMARKS:		

MONTHLY PRICE ADJUSTMENT(\$)	\$18,714.09
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ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX*)

DIESEL PRICE ADJUSTMENT(\$) \$814,184.69

UNLEADED PRICE ADJUSTMENT(\$) \$287,634.06

ASPHALT CEMENT PRICE ADJUSTMENT (*BITUMINOUS TACK COAT 125% MAX*) \$28,790.91

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT *125% MAX* \$1,190,160.00

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(*Surface Treatment 125% MAX*) \$18,714.09

REMARKS:

TOTAL ADJUSTMENTS	\$2,339,483.76
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RIGHT OF WAY COST ESTIMATE

DATE: 12/12/2008 **P.I #:** 2626
PROJECT NO: STP-002-00(626) Bartow **PARCELS:** 29
EXISTING REQUIRED R/W:
PROJECT TERMINI: State Route 20 between US 411 and I-75
PROJECT DESCRIPTION: State Route 20 Intersection Improvement

LAND:

Res., Comm., Indus., Govt., etc.,					
543,629	Com. Sq Ft	X	\$13.77	Total \$	\$7,485,771
0	Res. Sq Ft	X	\$3.19		\$0

IMPROVEMENTS: (Includes Related Site Improvements)
none

Total \$ 0

RELOCATION:

	2 Res. Displacees	\$40,000	Per Relocation	\$	80,000
	3 Comm. Displacees	\$25,000	Per Relocation	\$	75,000
				Total \$	155,000

DAMAGES: (Includes Cost to Cure and Trade Fixtures)

Proximity:	\$0
Consequential:	\$0
Cost to Cure:	\$0

Total \$ 0

SUB-TOTAL \$ 7,640,771

Net Cost		\$	7,640,771
Scheduling Contingency	55%	\$	11,843,196
Administrative/Court Costs	60%	\$	18,949,113
		\$	

TOTAL COST \$ \$18,900,000

Prepared By: _____

Approved By: _____

Howard P. Copeland
R/W Administrator

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

NOTICE OF LOCATION AND DESIGN APPROVAL

***PROJECT NUMBERS STP00-0012-01(071) & STP00-0002-00(626)
BARTOW COUNTY
P. I. NUMBER 621350 & 0002626***

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval is: **May 20, 2011**

Description and Project Proposal:

Project No. STP00-0012-01(071) – This project consists of the proposed widening and relocation of SR 20 from US 411/SR 61(MP 15.0) to I-75 (MP 17.2) from a two-lane rural section to a four-lane urban section with a 44-foot depressed median, curb and gutter, and sidewalks. This project also includes the widening of SR 61 from north of US 41/SR 3 (MP 10.3) to north of Peoples Valley Road (MP 10.80) from a three-lane rural section to a four-lane urban section with a 20-foot raised median, curb and gutter, and sidewalks. The total length of the proposed project is approximately 2.2 miles. This project is located in Land District 4, in Land Lot Nos. 21-23, 26, 42-51, 96 & 97, and in Georgia Militia District 822.

Project No. STP00-0002-00(626) – This project consists of the reconstruction of the existing historic interchange of US 41/SR 3 at US 411/SR 61, using a partial diamond, partial cloverleaf interchange design. This reconstruction includes the addition of a loop ramp for northbound SR 61 traffic to northbound US 41/SR 3 without traffic interfering with southbound SR 61 traffic to US 41/SR 3 northbound. Some relocation of all existing ramps will be required with the reconstruction proposed. Improvements along US 41/SR 3 will also be required from just south of the interchange (MP 10.8) to Massell Drive (MP 11.8), including the addition of an additional northbound lane on US 41/SR 3, and removal and replacement of both bridges on US 41/SR 3 over US 411/SR 61, over CSX Railroad and over Pettit Creek. This project also includes the widening of SR 61 from Felton Road (MP 9.8) to north of US 41/SR 3 (MP 10.3) from a two/three-lane urban and rural section to a four-lane urban section with a 20-foot raised median, curb and gutter, and sidewalks. The total length of the proposed project is approximately 1.0 miles. This project is located in Land District 4, in Land Lot Nos. 51, 53, 54, 91-95, 122, 123, 166 & 167, and in Georgia Militia District 822.

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:

Lisa Wesley
lwesley@dot.ga.gov
874 Peoples Valley Road, N.W.
Cartersville, Ga. 30120
(770) 387-3680

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:

DeWayne Comer, GDOT District 6 Preconstruction Engineer

dcomer@dot.ga.gov

500 Joe Frank Harris Parkway

Cartersville, Ga. 30120-0010

(770) 387-3619

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.