ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0007691
CSSTP-0007-00(691)
GDOT District 6 - Cartersville
GDOT District 7 - Metro Atlanta
Douglas & Paulding Counties
SR 92 (Phase IV) Widening from CS 611/Malone Road to CS 519/Nebo Rd - Segment I

OFFICE Design Policy & Support

DATE April 28, 2011

FROM for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT **APPROVED LOCATION & DESIGN REPORT**

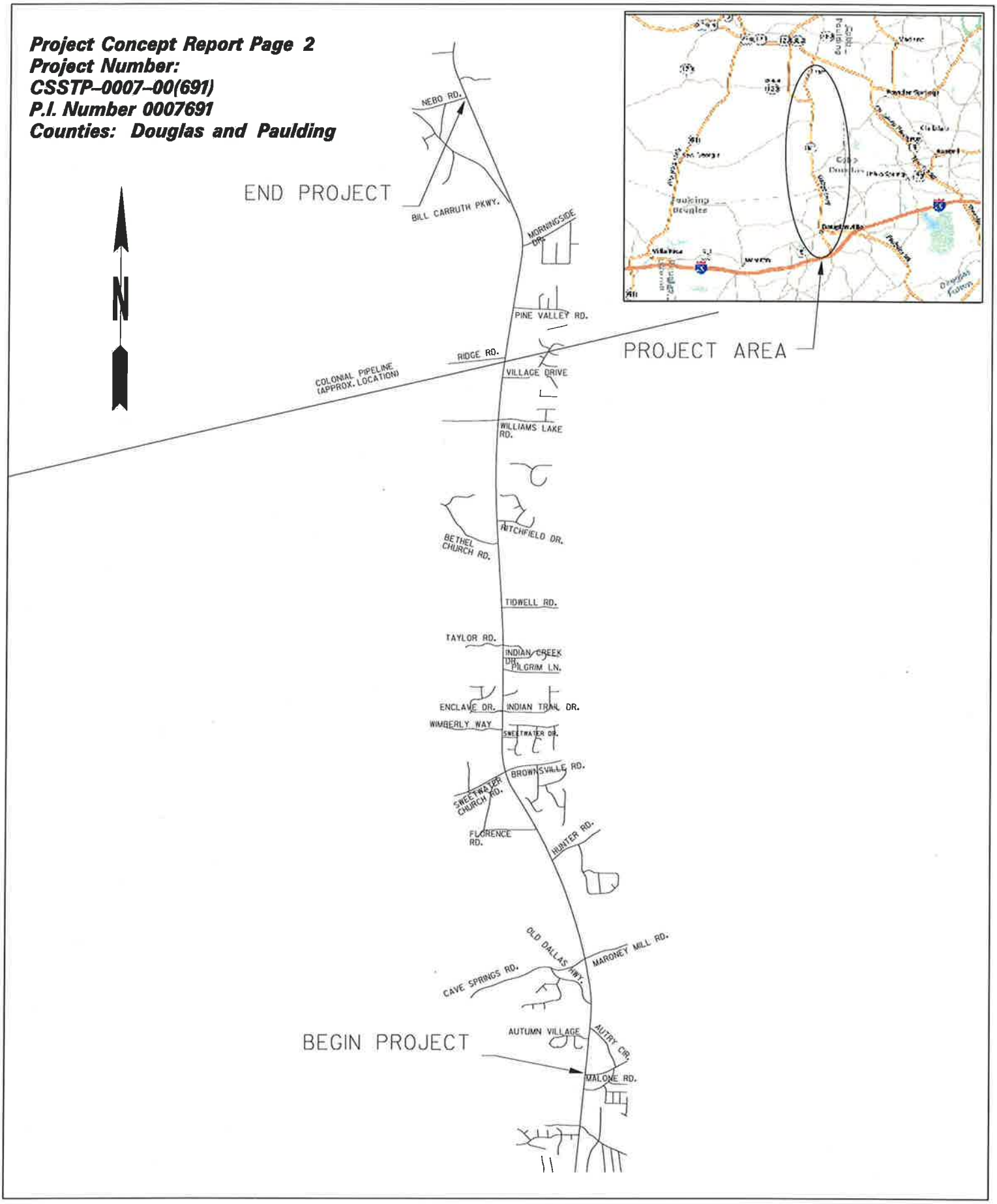
Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

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
Angela Robinson, Financial Management Administrator
Russell McMurry, State Roadway Design Engineer
Bill Dugan, Area Engineer - D6, A5
Sebastian Nesbitt, Area Engineer - D7, A2
Gregory Hood, District Planning & Programming Engineer
Mac Cranford, District Planning & Programming Engineer
DeWayne Comer, District Preconstruction Engineer
Scott Lee, District Preconstruction Engineer
Kent Sager, District Engineer
Bryant Poole, District Engineer
Peter Emmanuel, Project Manager
BOARD MEMBER - 11th Congressional District
BOARD MEMBER - 13th Congressional District

Project Concept Report Page 2
Project Number:
CSSTP-0007-00(691)
P.I. Number 0007691
Counties: Douglas and Paulding



S.R. 92 - PAULDING COUNTY
LOCATION MAP

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE	CSSTP-0007-00(691), Douglas & Paulding Counties	OFFICE	Program Delivery
		DATE	April 11, 2011

P.I. No. 0007691
SR 92 (Phase IV) Widening from CS 611/Malone Road to CS 519/Nebo Rd - Segment I

FROM Bobby K. Hilliard, P.E., State Program Delivery Engineer B.H.

TO Brent A. Story, P.E., State Design Policy Engineer

SUBJECT **Request for Location and Design Approval**

Description and Project Proposal:
Project CSSTP-0007-00(691), Phase IV is the widening of existing SR 92 from Malone Road in the City of Douglasville, Douglas County to Nebo Road in the City of Hiram, Paulding County. From Malone Road to Bill Carruth Parkway, the proposed project would construct six travel lanes, three in each direction, with a 20-foot raised median and 10-foot rural outside shoulders, 6.5-foot paved. From Bill Carruth Parkway to Nebo Road, the proposed project would construct four travel lanes, two in each direction, with a 20-foot raised median with 10-foot rural outside shoulders, 6.5-foot paved. The 6.5-foot paved shoulders will include a 4-foot bike lane. Noise Barriers and Landscape plan are included with the project. The project length is approximately 6.83 miles.

Concept Approval Date: 07/07/2010

Concept Update:
None

Environmental Document: EA/FONSI approved 03/31/2011.

Public Involvement:
Public Hearing Open House (PHOH) was held at two locations. The first PHOH was held on June 29, 2010 at Douglasville Downtown Conference Center, Douglasville, GA. Of the 191 attendees, 37 expressed support and 15 expressed conditional support, while 3 were uncommitted and 3 attendees in opposition of the project. 58 comments were received. The final mitigation plan was presented to the public at this meeting. The following public officials were in attendance:

- Douglasville Mayor Mickey Thompson
- Douglasville City Council John Shildroth
- Douglasville City Council Dennis McLain
- Douglasville City Council Larry Yockey
- Douglasville City Council Terry Miller
- Douglasville City Council Sam Davis
- Douglasville City Council LaShun Danley
- Douglasville City Council Roy Mims

The second PHOH was held on July 1, 2010 at Baggett Elementary School in Powder Springs, GA. Of the 88 attendees, 11 expressed support and 9 expressed conditional support, while 3 were uncommitted and 2 attendees in opposition of the project. 25 comments were received. The final mitigation plan was

also presented to the public at this meeting. One public official, Tommie Graham (Paulding County Board of Commissioners) was in attendance.

For many years, several Public Information Open Houses (PIOHs) has been held for this project. A recent PIOH was held on October 27, 2009. Of the 420 attendees, 52 expressed support and 28 expressed conditional support, while 9 were uncommitted and 5 attendees in opposition of the project. 94 comments were received. The draft mitigation plan (the result of several workshops held before the PIOH) was presented to the public at this meeting. The following public officials were in attendance:

- Douglasville Mayor Mickey Thompson
- Tom Worthan, Douglas County Board of Commissioners
- Douglasville City Council LaShun Danley
- Douglasville City Council Callye Burk Holmes
- Douglasville City Council Terry Miller

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

Recommendations:
Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

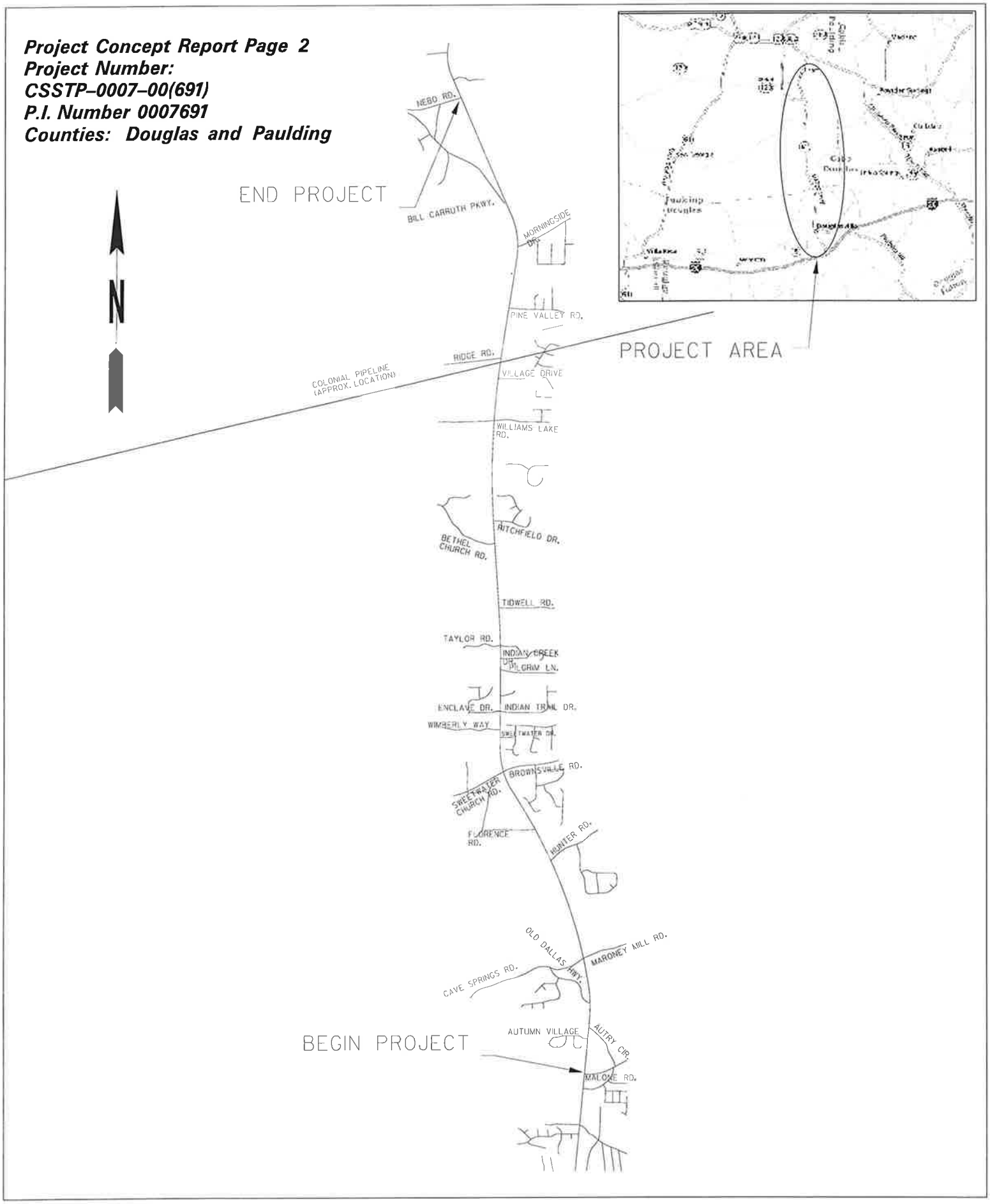
RECOMMEND: _____
Director of Engineering

APPROVE: _____ 4/20/2011
Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL April 28, 2011
(To be entered by the State Conceptual Design Group Manager)

Attachments:
- Location Map
- Notice of Location and Design Approval
- Cost Estimef

Project Concept Report Page 2
Project Number:
CSSTP–0007–00(691)
P.I. Number 0007691
Counties: Douglas and Paulding



S.R. 92 - PAULDING COUNTY
LOCATION MAP

NOTICE OF LOCATION AND DESIGN APPROVAL

CSSTP-0007-00(691)

Douglas & Paulding Counties

P.I. Number: 0007691

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 April 28, 2011

Project CSSTP-0007-00(691), Phase IV is the widening of existing SR 92 from Malone Road in the City of Douglasville, Douglas County to Nebo Road in the City of Hiram, Paulding County. From Malone Road to Bill Carruth Parkway, the proposed project would construct six travel lanes, three in each direction, with a 20-foot raised median and 10-foot rural outside shoulders, 6.5-foot paved. From Bill Carruth Parkway to Nebo Road, the proposed project would construct four travel lanes, two in each direction, with a 20-foot raised median with 10-foot rural outside shoulders, 6.5-foot paved. The 6.5-foot paved shoulders will include a 4-foot bike lane. Noise Barriers and Landscape plan are included with the project. The project length is approximately 6.83 miles.

The project is within Land District # 1 and 2.

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:

Bill Dungan, Area Engineer
bdungan@dot.ga.gov
4323 US Highway 27, Buchanan, GA 30113
770-646-5522

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:

Bobby Hilliard
Office of Program Delivery
bhilliard@dot.ga.gov
600 West Peachtree Street, NW, Atlanta, GA 30308
404-631-1930

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.

Print Form

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE PROJECT No. CSSTP000700(691) , Douglas & Paulding **OFFICE** Program Delivery

Widening and Reconstruction of SR 92 from Malone Road in Douglas County to Nebo Road in Paulding County

DATE April 15, 2011

P.I. No. 0007691

FROM Bobby K. Hilliard, P.E., State Program Delivery Engineer

TO Ronald E. Wishon, Project Review Engineer

SUBJECT REVISIONS TO PROGRAMMED COSTS

MNGT LET DATE 07/15/2015

PROJECT MANAGER Peter B. Emmanuel

MNGT R/W DATE 06/15/2012

PROGRAMMED COST (TPro W/OUT INFLATION) **LAST ESTIMATE UPDATE**

CONSTRUCTION	$ 37,783,873.95	DATE	07/09/2010
RIGHT OF WAY	$ 9,196,000.00	DATE	07/09/2010
UTILITIES	$ 3,348,212.00	DATE	07/09/2010

REVISED COST ESTIMATES

CONSTRUCTION*	$ 38,573,477.97
RIGHT OF WAY	$ N/A
UTILITIES**	$ 3,682,791.00

* Costs contain 5 % Engineering and Inspection and 0 % Construction Contingencies.

** Costs contain 0 % contingency.

REASON FOR COST INCREASE

Location & Design Report Submission
Update of Reimbursable Utilities
Addition of 125% adjustments for fuel and asphalt cement

Revised: February 9, 2009

CONTINGENCY SUMMARY

Construction Cost Estimate:	$ 29,333,836.57	(Base Estimate)
Engineering and Inspection:	$ 1,466,691.83	(Base Estimate x 5 %)
Construction Contingency:	$ N/A	(Base Estimate x 0 %) (The Construction Contingency is based on the Project Improvement Type in TPro.)
Total Fuel Adjustment	$ 3,726,435.69	(From attached worksheet)
Total Liquid AC Adjustment	$ 4,046,513.88	(From attached worksheet)
Construction Total:	$ 38,573,477.97	
Utility Cost Estimate:	$ 3,682,791.00	
Utility Contingency:	$ N/A	0 %
Utility Total:	$ 3,682,791.00	

REIMBURSABLE UTILITY COST

Utility Owner	Reimbursable Cost
GreyStone Power	1,192,906.00
AT&T - Georgia	275,000.00
Paulding County Water	1,739,960.00
Douglas County Water	474,925.00

Attachments

c: Genetha Rice-Singleton, State Program Control Administrator

Estimate Report for file "SR 92 - PAULDING CONSTRUCTION COST"

Section BASE/PAVING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-5100	320000	SY	17.55	GR AGGR BASE CRS, 10 INCH, INCL MATL	5616000.0
402-3121	59000	TN	64.41	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	3800190.0
402-3130	28000	TN	68.66	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	1922480.0
402-3192	37500	TN	62.64	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL	2349000.0
413-1000	16000	GL	2.08	BITUM TACK COAT	33280.0
				Section Sub Total:	**$13,720,950.00**

Section BRIDGES

Item Number	Quantity	Units	Unit Price	Item Description	Cost
001-0001	7500	SF	100.0	GOTHARDS CREEK BRIDGE	750000.0
001-0002	17500	SF	100.0	SWEET WATER CREEK BRIDGE	1750000.0
001-0003	12500	SF	100.0	LICK LOG CREEK BRIDGE	1250000.0
433-1000	4000	SY	122.41	REINF CONC APPROACH SLAB	489640.0
				Section Sub Total:	**$4,239,640.00**

Section CLEARING & GRUBBING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
009-0001	1	Lump Sum	860000.0	CLEARING & GRUBBING	860000.0
				Section Sub Total:	**$860,000.00**

Section CONCRETE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0016	1140	SY	40.27	DRIVEWAY CONCRETE, 6 IN TK	45907.8
441-0740	4200	SY	30.69	CONCRETE MEDIAN, 4 IN	128898.0
441-6740	70000	LF	14.85	CONC CURB & GUTTER, 8 IN X 30 IN, TP 7	1039500.0
				Section Sub Total:	**$1,214,305.80**

Section DRAINAGE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0600	2	CY	926.83	CONC HEADWALLS	1853.66
500-3900	400	CY	571.83	CLASS B CONCRETE, INCL REINF STEEL	228732.00
550-1181	2000	LF	39.3	STORM DRAIN PIPE, 18 IN, H 10-15	78600.0
550-1240	2000	LF	52.59	STORM DRAIN PIPE, 24 IN, H 1-10	105180.0
550-1360	1000	LF	80.95	STORM DRAIN PIPE, 36 IN, H 1-10	80950.0
550-1480	1000	LF	135.68	STORM DRAIN PIPE, 48 IN, H 1-10	135680.0
668-1100	40	EA	2326.85	CATCH BASIN, GP 1	93074.0
				Section Sub Total:	**$724,069.66**

Section EARTHWORK

Item Number	Quantity	Units	Unit Price	Item Description	Cost
003-0001	500000	CY	10.0	UNCLASSIFIED EXCAVATION	5000000.0
003-0002	10000	CY	15.5	ROCK EXCAVATION	155000.0
				Section Sub Total:	**$5,155,000.00**

Section EROSION CONTROL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
005-0001	1	Lump Sum	750000.0	EROSION CONTROL	750000.0
				Section Sub Total:	**$750,000.00**

Section GUARD RAIL

Item Number	Quantity	Units	Unit Price	Item Description	Cost
641-1200	3600	LF	18.24	GUARDRAIL, TP W	65664.0
641-5001	12	EA	647.31	GUARDRAIL ANCHORAGE, TP 1	7767.71
641-5012	12	EA	1815.35	GUARDRAIL ANCHORAGE, TP 12	21784.19
				Section Sub Total:	**$95,215.92**

Section LANDSCAPING

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	60	AC	987.28	PERMANENT GRASSING	59236.79
				Section Sub Total:	**$59,236.80**

Section MISCELLANEOUS ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
153-1300	1	EA	73569.88	FIELD ENGINEERS OFFICE TP 3	73569.88
624-0410	1	Lump Sum	840000.0	SOUND BARRIER	840000.0
				Section Sub Total:	**$913,569.88**

Section RIGHT-OF-WAY

Item Number	Quantity	Units	Unit Price	Item Description	Cost
634-1200	102	EA	108.46	RIGHT OF WAY MARKERS	11062.92
				Section Sub Total:	**$11,062.92**

Section STRIPING, SIGNAGE & SIGNALS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	75	SF	14.79	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1109.25
636-1029	150	SF	16.33	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	2449.49
636-2020	350	LF	18.98	GALV STEEL POSTS, TP 2	6643.0
639-3003	2	EA	4291.6	STEEL STRAIN POLE, TP III	8583.2
647-1000	10	LS	100000.0	TRAFFIC SIGNAL INSTALLATION NO - 7	1000000.0
653-0120	18	EA	70.58	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	1270.44
653-1504	5000	LF	1.05	THERMOPLASTIC SOLID TRAF STRIPE, 12 IN, WHITE	5250.0
653-1704	720	LF	5.2	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	3744.0
653-2501	15	LM	1169.74	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	17546.1
653-2502	15	LM	1285.54	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	19283.1
653-4501	30	GLM	731.3	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	21939.0
654-1003	800	EA	3.71	RAISED PVMT MARKERS TP 3	2968.0
				Section Sub Total:	**$1,090,785.59**

Section TRAFFIC CONTROL & MOBILIZATION

Item Number	Quantity	Units	Unit Price	Item Description	Cost
010-0001	1	Lump Sum	500000.0	TRAFFIC CONTROL	500000.0
				Section Sub Total:	**$500,000.00**

Total Estimated Cost: $29,333,836.57

Date 4/15/2011

P.I. Number *0007691 County PAULDING

Project Number CSSTP-0007-00(691)

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT *(ENGLISH 125% MAX)*

ENTER FPL DIESEL	3.502
ENTER FPM DIESEL	7.880

ENTER FPL UNLEADED	3.865
ENTER FPM UNLEADED	8.69625

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)	180000.000	0.29	52200.00	0.24	43200.00	
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)	124500.000	2.90	361050.00	0.71	88395.00	
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	1.00	7,500,000.00	7500.0000	8.00	60000.00	1.50	11250.00	GOTHARDS CREEK BRIDGE
Class __Concrete (CY) Section 500	1.00	17,500,000.00	17500.0000	8.00	140000.00	1.50	26250.00	SWEETWATER CREEK BRIDGE
Class __Concrete (CY) Section 500	1.00	12,500,000.00	12500.0000	8.00	100000.00	1.50	18750.00	LICK LOG CREEK BRIDGE
Superstru Con Class__(CY) Section 500	1.00	489,640.00	489.6400	8.00	3917.12	1.50	734.46	APPROACH SLABS
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=	**717167.12**	**SUM QF UNLEADED=**	**188579.46**

DIESEL PRICE ADJUSTMENT($)	**$2,888,247.14**
UNLEADED PRICE ADJUSTMENT($)	**$838,188.55**

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 530 ENTER APM 1192.5

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000		16000	68.7216	

TMT = 68.7216

PRICE ADJUSTMENT($)	$43,706.94

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL 530 ENTER APM 1192.5

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
402-3121	25 mm SP	59000	5.00	2950.00	
402-3130	12.5 mm SP	28000	5.00	1400.00	
402-3192	19 mm SP	37500	5.00	1875.00	
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			TMT =	6225.00	

PRICE ADJUSTMENT($)	$3,959,100.00

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 530

ENTER APM 1192.5

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)
413-1000	PG 58-22	16000

TMT = 68.7216

REMARKS:

MONTHLY PRICE ADJUSTMENT($)	$43,706.94

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT *(ENGLISH 125% MAX)*

DIESEL PRICE ADJUSTMENT($)	$2,888,247.14
UNLEADED PRICE ADJUSTMENT($)	$838,188.55
ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)	$43,706.94
400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX	$3,959,100.00
ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)	$43,706.94

REMARKS:

TOTAL ADJUSTMENTS	$7,772,949.57

DWM 10/08

Preliminary Right of Way Cost Estimate

Phil Copeland
Right of Way Administrator
By: LaShone Alexander

Date: January 19, 2010
Project: CSSTP-0007-00(691)Douglas/Paulding UPDATE **P.I. Number:** 0007691
Existing/Required R/W: Varies/Varies **No. Parcels:** 96
Project Termini : Malone Road in Douglas County to Nebo Road in Paulding Co
Project Description: SR 92 Widening

Land:			
Commercial R/W: 188,362 sf @ $ 5.75/sf	$ 857,047		
Residential R/W: 782,232sf @ $ 0.45/sf	255,904		
Agricultural R/W: 695,047sf @ $ 0.18/sf	125,108	$	1,238,059
Improvements : 10 Res. & misc. site improvements			1,360,000
Relocation: Commercial (0) @ $25,000	$ 0		
Residential (10) @ $ 40,000	400,000		400,000
Damage : Proximity (17)	$ 340,000		
Cost to Cure (6)	120,000		
Consequential (2)	250,000		710,000
Net Cost		$	3,708,059

Net Cost		$	3,708,059
Scheduling Contingency	55 %		2,039,432
Adm/Court Cost	60 %		3,448,495
		$	9,195,986

Total Cost $9,196,000

Note: The Market Appreciation (40%) is not included in the updated Preliminary Cost Estimate.

Note: This update is based upon estimate by consultant dated January 11, 2007.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE CSSTP-0007-00(691); Paulding Co.
P.I. No. 0007691

OFFICE Cartersville

DATE April 11, 2011

FROM Kerry D. Bonner
District Utilities Engineer

TO Bobby Hilliard, State Program Delivery Engineer
ATTN: Peter Emmanuel, Assistant Project Manager

SUBJECT UPDATED PRELIMINARY UTILITY COST ESTIMATE

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

FACILITY OWNER	NON-REIMBURSABLE	REIMBURSABLE
GreyStone Power		$1,192,906.00
Atlanta Gas Light Company	$ 2,029,297.00	
AT&T - Georgia	$ 4,950,000.00	$ 275,000.00
Comcast	$ 143,000.00	
Paulding County Water*	$ 1,739,960.00	
Douglas County Water*	$ 474,925.00	
Totals	$9,337,182.00	$1,467,906.00

Total cost for the above project is $10,805,088.00.

*The reimbursable amount could increase to $3,682,791.00 if Paulding County Water and Douglas County Water were to apply for utility assistance for the relocation of their facilities.

If you have any questions, please contact Jennifer Deems at 770-387-3616.

KDB/jd

C: Jeff Baker, State Utilities Engineer
File/Estimating Book