

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR000-0001-00(220), Wheeler County OFFICE Program Delivery
PI# 0001220
SR31/US319/US441 @ HGR DATE 5/27/2010

FROM Bobby K. Hilliard, PE, State Program Delivery Engineer

TO Brent A. Story, PE, State Design Policy Engineer

SUBJECT **REQUEST FOR LOCATION AND DESIGN APPROVAL**

Description and Project Proposal: The project will replace the bridge on SR31/US319/US441 over the Heart of Georgia Railroad in Wheeler County, northeast of McRae and Helena, GA. The project proposes to construct a new concrete bridge on a new alignment. The typical section is two 12' lanes with a 10' rural shoulder. The project will also replace the Y-intersection of SR31/US319/US441 and SR30/US280 with a T-intersection. The project is approximately 0.68 miles in length, beginning at MP 0.00 and ending at MP 0.68.

Concept Approval Date: 4/29/2009

Concept Update: The project length has changed since the approval of the Concept Report. The approved Concept Report shows the project to be 0.87 miles in length. The project length is now 0.68 miles.

Environmental Document: CE approved 5/18/2010

Public Involvement: A Public Information Open House was held on June 11, 2009. Of the 18 attendees, 7 expressed support of the project with zero attendees in opposition. No public officials were in attendance.

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 attached Notice be approved for advertising.

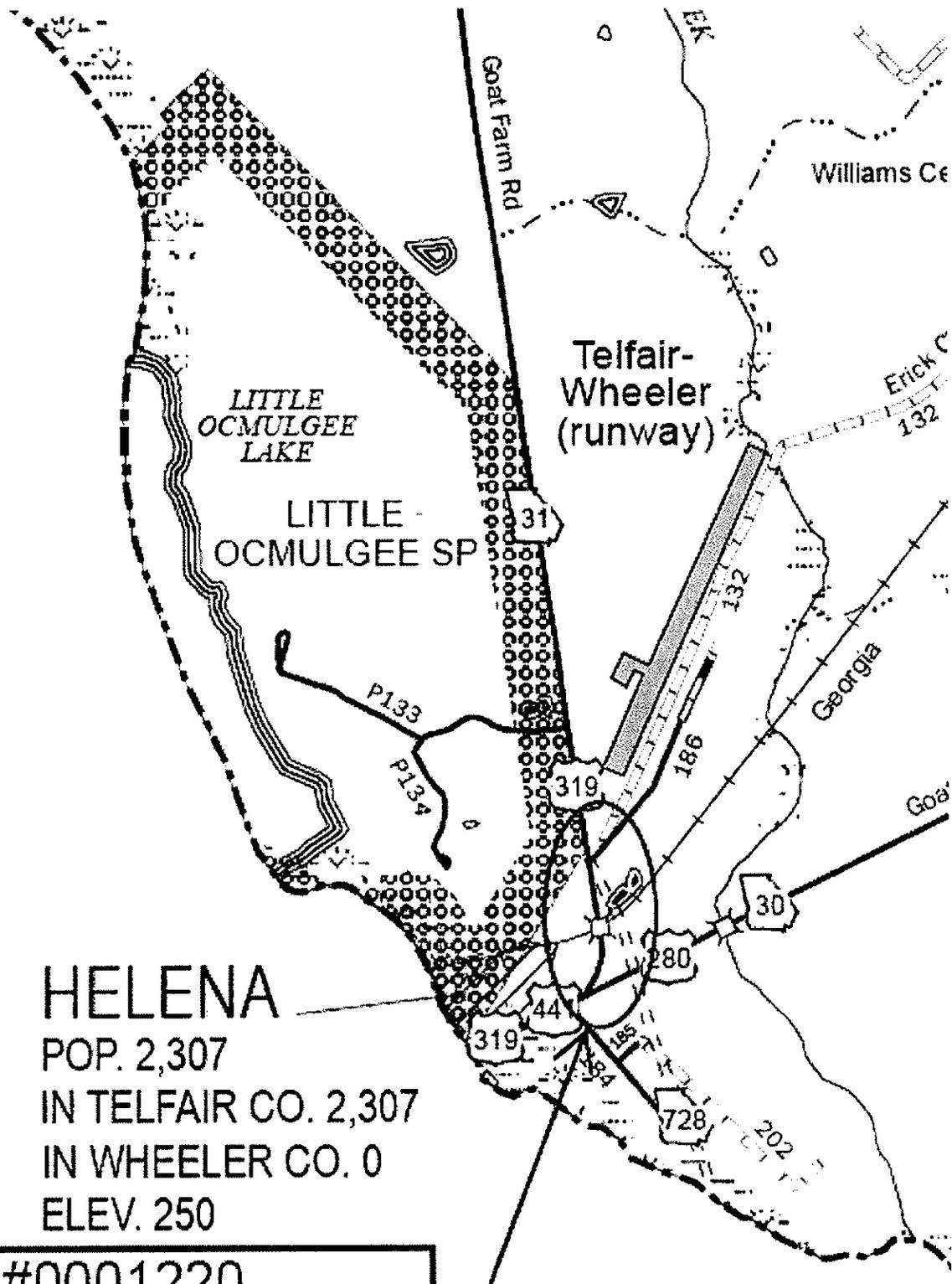
RECOMMEND: 
Director of Engineering

APPROVE: 
Chief Engineer

6/9/10
Date of Approval

Attachments:

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



HELENA
POP. 2,307
IN TELFAIR CO. 2,307
IN WHEELER CO. 0
ELEV. 250

PI#0001220

Estimate Report for file "PI 0001220"

Section Roadway					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	300000.0	TRAFFIC CONTROL - BR000-0001-00(220)	300000.0
153-1300	1	EA	67354.21	FIELD ENGINEERS OFFICE TP 3	67354.21
201-1500	1	LS	1500000.0	CLEARING & GRUBBING - BR000-0001-00 (220)	1500000.0
206-0002	147940	CY	4.45	BORROW EXCAV, INCL MATL	658333.0
310-1101	7810	TN	18.2	GR AGGR BASE CRS, INCL MATL	142142.0
402-3113	1557	TN	55.0	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	85635.0
402-3121	2851	TN	85.0	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	242335.0
402-3190	2076	TN	58.0	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	120408.0
413-1000	1783	GL	2.0	BITUM TACK COAT	3566.0
550-1150	136	LF	21.43	STORM DRAIN PIPE, 15 IN, H 1-10	2914.48
550-1180	354	LF	29.13	STORM DRAIN PIPE, 18 IN, H 1-10	10312.02
550-4215	4	EA	459.91	FLARED END SECTION 15 IN, STORM DRAIN	1839.64
550-4218	6	EA	445.27	FLARED END SECTION 18 IN, STORM DRAIN	2671.62
634-1200	11	EA	100.03	RIGHT OF WAY MARKERS	1100.33
641-1100	405	LF	49.15	GUARDRAIL, TP T	19905.75
641-1200	3660	LF	16.69	GUARDRAIL, TP W	61085.4
641-5001	6	EA	632.59	GUARDRAIL ANCHORAGE, TP 1	3795.54
641-5006	6	EA	829.85	GUARDRAIL ANCHORAGE, TP 6	4979.1
641-5012	6	EA	1812.79	GUARDRAIL ANCHORAGE, TP 12	10876.74
Section Sub Total:					\$3,239,253.83

Section Bridge					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
540-1101	1	LS	95700.0	REMOVAL OF EXISTING BR, STA NO -	95700.0
543-9000	1	Lump Sum	800000.0	Construction of Bridge Complete	800000.0
Section Sub Total:					\$895,700.00

Section Sign and Marking					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	246	SF	13.48	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	3316.08
636-1029	28	SF	19.79	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 3	554.12
636-1033	45	SF	18.17	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	817.65
636-2070	277	LF	6.93	GALV STEEL POSTS, TP 7	1919.61
636-2080	129	LF	8.94	GALV STEEL POSTS, TP 8	1153.26
636-2090	44	LF	7.63	GALV STEEL POSTS, TP 9	335.71
652-0094	10	EA	40.03	PAVEMENT MARKING, SYMBOL, TP 4	400.3
652-2501	2	LM	333.7	SOLID TRAFFIC STRIPE, 5 IN, WHITE	667.4
652-2502	2	LM	324.59	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	649.18
652-3501	1	GLM	301.45	SKIP TRAFFIC STRIPE, 5 IN, WHITE	301.45
653-0120	13	EA	68.7	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	893.1
653-1501	7450	LF	0.31	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2309.5
653-1502	8700	LF	0.33	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	2871.0
653-1704	45	LF	3.59	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	161.54
653-1804	120	LF	1.69	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	202.79
653-6004	937	SY	2.55	THERMOPLASTIC TRAF STRIPING, WHITE	2389.35
654-1001	75	EA	2.97	RAISED PVMT MARKERS TP 1	222.75
654-1003	36	EA	3.35	RAISED PVMT MARKERS TP 3	120.60
654-1010	20	EA	32.24	RAISED PVMT MARKERS TP 10	644.80
655-5000	6	EA	353.14	PVMT ARROW, THERMOPLASTIC, WITH	2118.84

RAISED REFLECTORS					
657-1054	400	LF	3.94	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	1576.0
657-6054	400	LF	3.77	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	1508.0
658-1200	1560	LF	385.0	SOLID POLYUREA TRAFF STRIPE, 5 IN, WHITE	600600.0
Section Sub Total:					\$625,733.06

Section Temporary Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	11	AC	477.88	TEMPORARY GRASSING	5256.68
163-0240	305	TN	187.98	MULCH	57333.89
163-0300	4	EA	1521.75	CONSTRUCTION EXIT	6087.0
163-0528	2360	LF	2.78	CONSTRUCT AND REMOVE FABRIC CHECK DAM - TYPE C SILT FENCE	6560.79
163-0529	500	LF	2.75	CONSTRUCT AND REMOVE TEMPORARY SEDIMENT BARRIER OR BALED STRAW CHECK DAM	1375.0
165-0030	3584	LF	1.03	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	3691.52
165-0041	1180	LF	1.56	MAINTENANCE OF CHECK DAMS - ALL TYPES	1840.8
165-0071	250	LF	0.94	MAINTENANCE OF SEDIMENT BARRIER - BALED STRAW	235.0
165-0101	8	EA	476.92	MAINTENANCE OF CONSTRUCTION EXIT	3815.36
167-1000	2	EA	783.3	WATER QUALITY MONITORING AND SAMPLING	1566.6
167-1500	24	MO	905.4	WATER QUALITY INSPECTIONS	21729.6
171-0030	7168	LF	3.92	TEMPORARY SILT FENCE, TYPE C	28098.55
643-8200	2652	LF	1.83	BARRIER FENCE (ORANGE), 4 FT	4853.16
716-2000	21400	SY	0.9	EROSION CONTROL MATS, SLOPES	19260.0
Section Sub Total:					\$161,703.98

Section Permanent Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-6910	21	AC	899.19	PERMANENT GRASSING	18882.99
700-7000	21	TN	66.81	AGRICULTURAL LIME	1403.01
700-7010	106	GL	20.41	LIQUID LIME	2163.46
700-8000	21	TN	382.77	FERTILIZER MIXED GRADE	8038.17
700-8100	1050	LB	2.45	FERTILIZER NITROGEN CONTENT	2572.5
Section Sub Total:					\$33,060.13

Total Estimated Cost: \$4,955,451.00

Subtotal Construction Cost	\$4,955,451.00
E&C Rate 0.0 %	\$0.00
Inflation Rate 0.0 % @ 0 Years	\$0.00
<hr/>	
Total Construction Cost	\$4,955,451.00
Right Of Way	975000.00
ReImb. Utilities	0.00
<hr/>	
Grand Total Project Cost	\$5,930,451.00

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE BR000-0001-00(220) Wheeler County.
P.I. No. 0001220 **OFFICE** Jesup

FROM Karon Ivery
District Utilities Engineer **DATE** February 3, 2010

TO Michael Haithcock
Transportation Engineer Assistant Administrator

ATTN Karyn Matthews

SUBJECT REVISED PRELIMINARY UTILITY COST (ESTIMATE)

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

FACILITY OWNER	NON - REIMBURSABLE	REIMBURSABLE
Windstream	\$25,000.00	\$0.00
Atlanta Gas Light	\$0.00	\$0.00
Little Ocmulgee E.M.C.	\$60,000.00	\$0.00
<hr/>		
Totals	\$85,000.00	\$0.00
Total Reimbursement Cost:		\$0.00

Total Preliminary Utility Cost Estimate \$85,000.00
Total reimbursable cost for the above project is \$0.00

If you have any questions, please contact Paul Williams at (912)427-5779.

KLI/pow

C: Jeff Baker, State Utilities Engineer;
Angela Whitworth, Office of Financial Management;
Eddie Holsey, Area Engineer - Construction
File

NOTICE OF LOCATION AND DESIGN APPROVAL

BR000-0001-00(220)

P.I. Number: 0001220

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

The date of location approval is: June 9, 2010

The project will replace the bridge on SR31/US319/US441 over the Heart of Georgia Railroad on a new alignment in Wheeler County, northeast of McRae and Helena, GA. The project will also replace the Y-intersection of SR31/US319/US441 and SR30/US280 with a T-intersection. The project is approximately 0.68 miles in length, beginning at MP 0.00 and ending at MP 0.68. The project is within Land District #10, GMD 1450, and Land Lots 218, 219, 232, and 233.

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:

Eddie Holsey, Area Engineer

eholsey@dot.ga.gov

740 Oakdale Circle, Baxley, GA 31513

912-366-1090

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, 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.