ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #342080- & 351095-
STP00-3223-00(002) &
BRMLB-3223-00(006)
GDOT District 3 - Thomaston
Bibb County
CR 727/Jeffersonville Rd from Walnut Creek to
Recreation Rd & from Millerfield Rd to Bristol Dr
Includes Bridge over Walnut Creek

OFFICE Design Policy & Support

DATE June 28, 2013

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 projects.

Attachment

DISTRIBUTION:

Bobby Hilliard, Program Control Administrator
Genetha Rice-Singleton, State Program Delivery Engineer
Glenn Bowman, State Environmental Administrator
Ben Rabun, State Bridge Engineer
Kathy Zahul, State Traffic Engineer
Phil Copeland, State Right-of-Way Administrator
Lisa Myers, State Project Review Engineer
Cindy VanDyke, State Transportation Planning Administrator
Ken Thompson, Location Bureau Chief
Angela Robinson, Financial Management Administrator
Thomas Howell, District Engineer
Bill Rountree, District Preconstruction Engineer
Jack Reed, District Planning & Programming Engineer
Kraig Collins, Area Engineer - D3, A4
Kevin VanHouten, Project Manager
BOARD MEMBER - 2nd Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP00-3223-00(002) & BRMLB-3223-00(006), Bibb County **OFFICE:** Program Delivery
P.I. No. 342080 & 351095
Jeffersonville Rd from Walnut Creek to Recreation Rd & Millerfield Rd to Bristol Dr. & Bridge over Walnut Creek

DATE: June 28, 2013

FROM Genetha Rice-Singleton, State Program Delivery Engineer Albert Shelby for

TO Brent A. Story, P.E., State Design Policy and Support Engineer
Attn: Dave Peters, P.E., State Conceptual Design Group Manager

SUBJECT **Request for Location Design and Approval**

Description and Project Proposal: This project is located in Bibb County within and near the City of Macon and consists of the widening and reconstruction of Jeffersonville Road from Walnut Creek to Recreation Road and Millerfield Road to Bristol Drive including a bridge over Walnut Creek. The existing routes are rural two-lane facilities with a 7.2m/(24ft) total pavement width. The proposed construction will provide four 3.3m/(11ft)-wide lanes with a 4.2m/(14ft)-wide center turn lane and a 1.5m/(5ft)-wide sidewalk on the south side and a 2.4m/(8ft)-wide multi-use path on the north side for the entire project limit. The existing bridge over Walnut Creek will be replaced with a proposed 77.5m/(255ft) long x 25.0m/(82ft)-wide bridge at the existing bridge site. The proposed right-of-way is 30.0m/(100ft) wide. The total project length is 2.20 km/(1.37 mi). The west terminus of this project ties to project P.I. No. 351090 and the east terminus of this project ties to project P.I. No. 351080. This project is within the Macon Reserve East Land District.

Concept Approval Date: August 29, 1997; Revised June 20, 2001

Concept Update:

Environmental Document Type, Approval Date: EA FONSI approved June 28, 2013

Public Involvement:

- A PHOH was held on January 5, 2012 at Mt. Moriah Missionary Baptist Church, 2789 Millerfield Road, Macon, GA.
- The major comments offered were; project construction start date, r/w acquisition start date, landscaping, round-a-bouts, and proposed lane configuration. The majority of the attendees expressed community's need of the proposed project.
- A total of 102 people attended the PHOH, including local neighborhood associations, public officials, and state representatives. A total of 41 comments were received resulting in 4 opposed, 31 supporting, 2 uncommitted, and 4 conditional support. As a result of the comments received, proposed landscape was added to the project.

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.

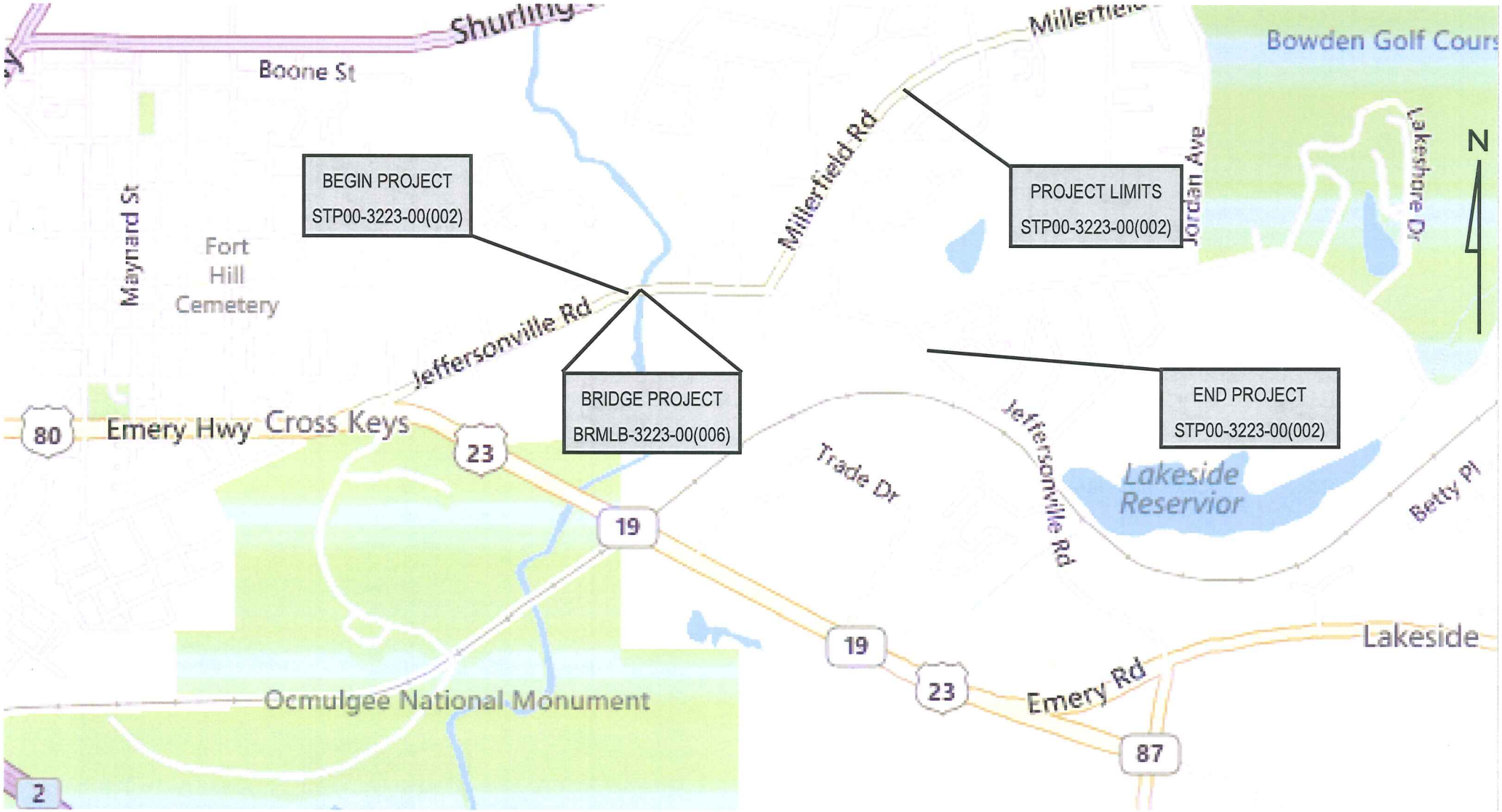
RECOMMEND: _____ 6/28/13
Director of Engineering

APPROVE: _____ 7-5-13
Chief Engineer Date

Date of L+D Approval: June 28, 2013

Attachments:

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


BEGIN PROJECT
STP00-3223-00(002)
PROJECT LIMITS
STP00-3223-00(002)
BRIDGE PROJECT
BRMLB-3223-00(006)
END PROJECT
STP00-3223-00(002)
Boone St
Maynard St
Fort Hill Cemetery
Millerfield Rd
Jordan Ave
Lakeshore Dr
Bowden Golf Cours
N
Jeffersonville Rd
80
Emery Hwy
Cross Keys
23
19
Trade Dr
Lakeside Reservior
Betty Pl
Ocmulgee National Monument
Emery Rd
Lakeside
87
2

STATE HIGHWAY AGENCY

DATE : 11/12/2010
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 342080 SPEC YEAR: 02
DESCRIPTION: JEFFERSONVILLE FROM WALNUT CRK - RECREATION & MILLERFIELD TO BRISTOL

ITEMS FOR JOB 342080

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - STP00-3223-00(002)	1.000	152500.00	152500.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	115000.00	115000.00
0015	201-1500		LS	CLEARING & GRUBBING - STP00-3223-00(002)	1.000	180000.00	180000.00
0020	206-0002		M3	BORROW EXCAV, INCL MATL	22000.000	3.35	73700.00
0025	310-5120		M2	GR AGGR BS CRS 300 MM,INCL MATL	20308.000	17.01	345439.08
0030	402-0113		MG	RECYL AC 12.5 MM,GP1OR2,BM&HL	3727.000	98.00	365246.00
0035	402-1812		MG	RECYL AC LEVELING,INC BM&HL	792.000	125.00	99000.00
0040	402-3190		MG	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	3385.000	63.20	213932.00
0045	402-3250		MG	RECYL AC 25 MM SP,GP 1 OR 2,INC BM&HL	5077.000	60.78	308580.06
0050	413-1000		L	BITUM TACK COAT	15651.000	1.00	15651.00
0055	433-1100		M2	REF CONC APPR SL/INCL CURB	181.000	250.00	45250.00
0060	441-0104		M2	CONC SIDEWALK, 100 MM	6114.000	39.19	239607.66
0065	441-6022		LM1	CONC CRB&GTTR,150 MM X 750 MM,TP 2	4655.000	45.92	213757.60
0070	634-1200		EA	RIGHT OF WAY MARKERS	104.000	90.00	9360.00
0075	641-1200		LM1	GUARDRAIL, TP W	100.000	43.00	4300.00
0080	641-5001		EA	GUARDRAIL ANCHORAGE, TP 1	2.000	580.00	1160.00
0085	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	2.000	1750.00	3500.00
0090	550-1180		LM1	STM DR PIPE, 450 MM,H0.3-3 M	1742.000	68.00	118456.00
0095	550-1240		LM1	STM DR PIPE,600 MM,H0.3-3 M	346.000	115.00	39790.00
0100	550-1300		LM1	STM DR PIPE,750 MM,H0.3-3 M	390.000	85.00	33150.00
0105	550-1360		LM1	STM DR PIPE,900 MM,H0.3-3 M	265.000	140.00	37100.00
0110	550-1420		LM1	STM DR PIPE,1050 MM,H0.3-3 M	1050.000	187.00	196350.00
0115	550-3318		EA	SAFETY END SECT 450 MM,STD,4:1	2.000	1400.00	2800.00
0120	550-4218		EA	FLARED END SECT 450 MM,STRM DRN	1.000	600.00	600.00
0125	550-4224		EA	FLARED END SECT 600 MM,STRM DRN	1.000	680.00	680.00
0130	550-4230		EA	FLARED END SECT 750 MM,STRM DRN	1.000	880.00	880.00
0135	550-4236		EA	FLARED END SECT 900 MM,STRM DRN	4.000	1080.00	4320.00
0140	550-4242		EA	FLARED END SECT 1050 MM,STRM DRN	4.000	1480.00	5920.00
0145	603-2181		M2	STN DUMPED RIP RAP, TP 3,450 MM	100.000	39.03	3903.00
0150	603-7000		M2	PLASTIC FILTER FABRIC	100.000	5.00	500.00
0155	611-3000		EA	RECONSTR CATCH BASIN, GROUP 1	1.000	1594.53	1594.53
0160	611-4001		EA	RECONSTR MINOR DRAINAGE STR	1.000	1504.00	1504.00
0165	668-1100		EA	CATCH BASIN, GP 1	66.000	2765.62	182530.92
0170	668-2100		EA	DROP INLET, GP 1	25.000	1521.00	38025.00
0175	668-5000		EA	JUNCTION BOX	15.000	2467.00	37005.00

0180	163-0232	HA	TEMPORARY GRASSING	1.000	261.00	261.00
0185	163-0530	LM1	CONSTR AND REMOVE BALED STRAW EROSION CK	160.000	14.85	2376.00
0190	163-0550	EA	CONS & REM INLET SEDIMENT TRAP	96.000	161.00	15456.00
0195	165-0010	LM1	MAINT OF TEMPORARY SILT FENCE, TP A	4200.000	1.00	4200.00
0200	165-0030	LM1	MAINT OF TEMP SILT FENCE, TP C	400.000	1.00	400.00
0205	165-0070	LM1	MAINT OF BALED STRAW EROSION CHECK	160.000	1.00	160.00
0210	165-0105	EA	MAINT OF INLET SEDIMENT TRAP	96.000	31.00	2976.00

JOB ESTIMATE REPORT

0215	171-0010	LM1	TEMPORARY SILT FENCE, TYPE A	4200.000	9.48	39816.00
0220	171-0030	LM1	TEMPORARY SILT FENCE, TYPE C	400.000	12.00	4800.00
0225	643-8200	LM1	BARRIER FENCE, 1.2 M	200.000	5.00	1000.00
0230	700-6910	HA	PERMANENT GRASSING	1.000	1950.00	1950.00
0235	700-7000	MG	AGRICULTURAL LIME	9.000	69.00	621.00
0240	700-8000	MG	FERTILIZER MIXED GRADE	2.000	516.00	1032.00
0245	700-8100	KG	FERTILIZER NITROGEN CONTENT	76.000	9.00	684.00
0250	716-2000	M2	EROSION CONTROL MATS, SLOPES	13594.000	1.48	20119.12
0255	636-1029	M2	HWY SGN,TP1 MATL,REFL SH TP 3	17.000	135.00	2295.00
0260	636-2070	LM1	GALV STEEL POSTS, TP 7	90.000	21.00	1890.00
0265	653-0120	EA	THERM PVMT MARK, ARROW, TP 2	22.000	66.00	1452.00
0270	653-0130	EA	THERM PVMT MARK, ARROW, TP 3	1.000	80.00	80.00
0275	653-0210	EA	THERM PVMT MARK, WORD , TP 1	4.000	101.64	406.56
0280	653-1501	LM1	THERM SLD TRF STRIPE,125 MM,WHITE	5857.000	2.00	11714.00
0285	653-1502	LM1	THERM SLD TRF STRIPE,125 MM,YELLOW	4475.000	2.00	8950.00
0290	653-1704	LM1	THERM SLD TRF STRIPE,600 MM,WHITE	144.000	12.00	1728.00
0295	653-1804	LM1	THERM SLD TRF STRIPE,200 MM,WHITE	610.000	5.36	3269.60
0300	653-3501	GLM1	THERM SKP TRF STRIPE,125 MM,WHITE	3275.000	0.75	2456.25
0305	653-3502	GLM1	THERM SKP TRF STRIPE,125 MM,YELLOW	2067.000	1.04	2149.68
0310	653-6004	M2	THERM TRAF STRIPING, WHITE	1080.000	3.01	3250.80
0315	653-6006	M2	THERM TRAF STRIPING, YELLOW	856.000	3.34	2859.04
0320	654-1001	EA	RAISED PVMT MARKERS TP 1	227.000	3.50	794.50
0325	654-1003	EA	RAISED PVMT MARKERS TP 3	425.000	3.50	1487.50
0330	639-3003	EA	STEEL STRAIN POLE, TP III	6.000	7649.14	45894.84
0335	639-4004	EA	STRAIN POLE, TP IV	4.000	6092.31	24369.24
0340	647-1000	LS	TRAF SIGNAL INSTALLATION NO - STP00-3223-00(002)	1.000	80080.00	80080.00

ITEM TOTAL	3382069.98
INFLATED ITEM TOTAL	3382069.98

TOTALS FOR JOB 342080

ESTIMATED COST:	3382069.98
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	3382069.98

1/26/2010

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Nov-10	$ 2.672
DIESEL		$ 2.986
LIQUID AC		$ 494.00

Link to Fuel and AC Index:
http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

LIQUID AC ADJUSTMENTS

PA=[((APM-APL)/APL)-0.05]xTMTxAPL

Asphalt

Price Adjustment (PA)			**$ 384,756.84**	**$ 384,756.84**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	$ 1,111.50	
Monthly Asphalt Cement Price month project let (APL)			$ 494.00	
Total Monthly Tonnage (Mg) of asphalt cement (TMT)			649.05	

ASPHALT	Mg	%AC	AC Mg
Leveling	792	5.0%	39.6
12.5 OGFC		5.0%	0
12.5 mm	3727	5.0%	186.35
9.5 mm SP		5.0%	0
25 mm SP	5077	5.0%	253.85
19 mm SP	3385	5.0%	169.25
	12981		**649.05**

BITUMINOUS TACK COAT

Price Adjustment (PA)			**$ 9,553.80**	**$ 9,553.80**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	$ 1,111.50	
Monthly Asphalt Cement Price month project let (APL)			$ 494.00	
Total Monthly Tonnage (Mg) of asphalt cement (TMT)		Mg	16.11639806	

Bitum Tack Liters	Liters/Mg	Mg
15651	971.1227	16.11639806

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)			$	-	$ -
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	$	1,111.50	
Monthly Asphalt Cement Price month project let (APL)			$	494.00	
Total Monthly Tonnage (Mg) of asphalt cement (TMT)		Mg		0.0	

Bitum Tack	m2	Liters/m2	Liters	Liters/Mg	Mg
Single Surf. Trmt.		0.97	0	971.1227	0
Double Surf.Trmt.		2.03	0	971.1227	0.0
Triple Surf. Trmt		3.35	0	971.1227	0
					0.0

TOTAL LIQUID AC ADJUSTMENT	**$**	**394,310.64**

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

1/26/2010

FUEL ADJUSTMENTS - ROADWAY

FPA = ([((FPM-FPL)/FPL)-.10]xQxF)FPL

GRADED AGGREGATE BASE (Section 310)			**REGULAR UNLEADED**	**DIESEL**	**TOTALS**
Fuel Price Adjustment (FPA)			$ 16,224.63	$ 22,315.41	$ 38,540.04
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	Mg	20308			
Fuel Usage Factor (F)			0.26	0.32	

ASPHALT (Section 400 and 402)			**REGULAR UNLEADED**	**DIESEL**	
Fuel Price Adjustment (FPA)			$ 31,112.65	$ 142,195.70	$ 173,308.36
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	Mg	12981			
Fuel Usage Factor (F)			0.78	3.19	

EARTHWORK (Section 205 and 206)			**REGULAR UNLEADED**	**DIESEL**	
Fuel Price Adjustment (FPA)			$ 12,844.30	$ 27,951.95	$ 40,796.25
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	m3	22000			
Fuel Usage Factor (F)			0.19	0.37	

CONCRETE PVMT (Section 430)			**REGULAR UNLEADED**	**DIESEL**	
Fuel Price Adjustment (FPA)			$ 133.48	$ 180.25	$ 313.73
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	m2	181			
Fuel Usage Factor (F)			0.24	0.29	

TOTAL ROADWAY FUEL ADJUSTMENTS	**$ 252,644.64**

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

FUEL ADJUSTMENTS - BRIDGE

FPA = ([((FPM-FPL)/FPL)-.10]x(QxF/1000))FPL

		REGULAR UNLEADED	DIESEL	TOTALS
Fuel Price Adjustment (FPA)		$ 6,287.91	$ 37,476.46	$ 43,764.37
Monthly Fuel Price for month work was accomplished (FPM)	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)		$ 2.672	$ 2.986	
Quantity Placed (Q)	Cost $ 1,364,209.00			
Fuel Usage Factor (F)		1.5	8	

Section		Bridge 1 Cost	Bridge 2 Cost	Bridge 3 Cost	Bridge 4 Cost
211	Bridge Excavation				
500	Superstr Conc Cl AA	$ 570,570.00			
500	Class A Concrete	$ 119,853.00			
500	Class AA Concrete				
500	Concrete Handrail				
500	Concrete Barrier	$ 19,110.00			
501	Structural Steel				
507	Prestressed Conc Beams	$ 296,725.00			
507	Prestressed Conc Beams				
507	Prestressed Conc Beams				
511	Super Reinforcement	$ 72,000.00			
511	Bar Reinf Steel	$ 18,348.00			
520	Piling	$ 32,382.00			
520	Piling				
524	Drilled Caisson	$ 235,221.00			
547	Pile Encasement				
547	Pile Encasement				
		$ 1,364,209.00	**$ -**	**$ -**	**$ -**

Use when bridge items haven't been established. Assumes 80% of the estimated bridge cost will qualify for fuel adjustments.

EST. BRIDGE COST	% COST w/ADJ.
	80%
COST	$ -

TOTAL BRIDGE FUEL ADJUSTMENTS	**$ 43,764.37**
TOTAL ROADWAY AND BRIDGE FUEL ADJUSTMENT	**$ 296,409.01**

PROJ: **STP00-3223-00(002) & BRMLB-3223-00(006)**
P.I. NO. **342080 & 351095**
DATE: **November 10,2010**

Subtotal Construction Cost			
E&I	5%	$	-
Construction Contingency		$	-
Subtotal Construction		**$**	**-**
Fuel Adjustment (Roadway)(125% cap)		$	252,644.64
Fuel Adjustment (Bridge) (125% cap)		$	43,764.37
Liquid AC Adjustment (125% cap)		$	394,310.64
Total Construction		**$**	**690,719.65**

Roadway Fuel / AC Adjustments ONLY for 342080. Bridge Fuel adjustment included in submittal for 351095.

STATE HIGHWAY AGENCY

DATE : 11/05/2010
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 351095 SPEC YEAR: 02
DESCRIPTION: CR 727/JEFFERSONVILLE RD @ WALNUT CREEK IN NE MACON

ITEMS FOR JOB 351095

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	500-0100		M2	GROOVED CONCRETE	1786.000	6.76	12073.36
0010	500-1006		LS	SUPERSTR CONCRETE,CL AA,BR NO- 1 - BRMLB-3223-00(006)	1.000	570569.19	570569.19
0015	500-2100		LM1	CONCRETE BARRIER	182.000	105.00	19110.00
0020	500-3101		M3	CLASS A CONCRETE	207.000	579.00	119853.00
0025	507-9030		LM1	PSC BMS,AASHTO,BULB TEE,1370 MM,BR NO - 1 - BRMLB-3223-00(006)	913.000	325.00	296725.00
0030	511-1000		KG	BAR REINF STEEL	17643.000	1.04	18348.72
0035	511-3000		LS	SUPERSTR REINF STEEL, BR NO - 1 - BRMLB-3223-00(006)	1.000	72000.00	72000.00
0040	516-1100		LM1	ALUM HANDRAIL, STD 3626	180.000	174.00	31320.00
0045	520-1125		LM1	PIL-IN-PL,STEEL H,HP 310 X 79	236.000	137.21	32381.56
0050	520-4125		EA	LOAD TEST, STEEL H,HP 310 X 79	1.000	0.75	0.75
0055	524-0010		LM1	DRILLED CAISSON - 1 - BRMLB-3223-00(006)	69.000	3409.00	235221.00
0060	540-1102		LS	REM OF EX BR, BR NO - 1 - BRMLB-3223-00(006)	1.000	238524.00	238524.00
0065	603-2024		M2	STN DUMPED RIP RAP, TP 1,600 MM	722.000	48.00	34656.00
0070	603-7000		M2	PLASTIC FILTER FABRIC	722.000	4.90	3537.80
0075	620-0100		LM1	TEMP BARRIER, METHOD NO. 1	204.000	103.00	21012.00
0080	622-1033		LM1	PRECAST CONC MED BAR, MTH 3	204.000	85.62	17466.48

ITEM TOTAL	1722798.86
INFLATED ITEM TOTAL	1722798.86

TOTALS FOR JOB 351095

ESTIMATED COST:	1722798.86
CONTINGENCY PERCENT (0.0):	0.00
ESTIMATED TOTAL:	1722798.86

1/26/2010

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Nov-10	$ 2.672
DIESEL		$ 2.986
LIQUID AC		$ 494.00

Link to Fuel and AC Index:
http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

LIQUID AC ADJUSTMENTS

PA=[((APM-APL)/APL)-0.05]xTMTxAPL

Asphalt

Price Adjustment (PA)			**$ 384,756.84**	**$ 384,756.84**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	$ 1,111.50	
Monthly Asphalt Cement Price month project let (APL)			$ 494.00	
Total Monthly Tonnage (Mg) of asphalt cement (TMT)			649.05	

ASPHALT	Mg	%AC	AC Mg
Leveling	792	5.0%	39.6
12.5 OGFC		5.0%	0
12.5 mm	3727	5.0%	186.35
9.5 mm SP		5.0%	0
25 mm SP	5077	5.0%	253.85
19 mm SP	3385	5.0%	169.25
	12981		**649.05**

BITUMINOUS TACK COAT

Price Adjustment (PA)			**$ 9,553.80**	**$ 9,553.80**
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	$ 1,111.50	
Monthly Asphalt Cement Price month project let (APL)			$ 494.00	
Total Monthly Tonnage (Mg) of asphalt cement (TMT)		Mg	16.11639806	

Bitum Tack Liters	Liters/Mg	Mg
15651	971.1227	16.11639806

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

BITUMINOUS TACK COAT (surface treatment)

Price Adjustment (PA)			$	-	$ -
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	$	1,111.50	
Monthly Asphalt Cement Price month project let (APL)			$	494.00	
Total Monthly Tonnage (Mg) of asphalt cement (TMT)		Mg		0.0	

Bitum Tack	m2	Liters/m2	Liters	Liters/Mg	Mg
Single Surf. Trmt.		0.97	0	971.1227	0
Double Surf.Trmt.		2.03	0	971.1227	0.0
Triple Surf. Trmt		3.35	0	971.1227	0
					0.0

TOTAL LIQUID AC ADJUSTMENT	**$**	**394,310.64**

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

1/26/2010

FUEL ADJUSTMENTS - ROADWAY

FPA = ([((FPM-FPL)/FPL)-.10]xQxF)FPL

GRADED AGGREGATE BASE (Section 310)			**REGULAR UNLEADED**	**DIESEL**	**TOTALS**
Fuel Price Adjustment (FPA)			$ 16,224.63	$ 22,315.41	$ 38,540.04
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	Mg	20308			
Fuel Usage Factor (F)			0.26	0.32	

ASPHALT (Section 400 and 402)			**REGULAR UNLEADED**	**DIESEL**	
Fuel Price Adjustment (FPA)			$ 31,112.65	$ 142,195.70	$ 173,308.36
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	Mg	12981			
Fuel Usage Factor (F)			0.78	3.19	

EARTHWORK (Section 205 and 206)			**REGULAR UNLEADED**	**DIESEL**	
Fuel Price Adjustment (FPA)			$ 12,844.30	$ 27,951.95	$ 40,796.25
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	m3	22000			
Fuel Usage Factor (F)			0.19	0.37	

CONCRETE PVMT (Section 430)			**REGULAR UNLEADED**	**DIESEL**	
Fuel Price Adjustment (FPA)			$ 133.48	$ 180.25	$ 313.73
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	m2	181			
Fuel Usage Factor (F)			0.24	0.29	

TOTAL ROADWAY FUEL ADJUSTMENTS	**$ 252,644.64**

PROJ. NO.	STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO.	342080 & 351095
DATE	November 10,2010

1/26/2010

FUEL ADJUSTMENTS - BRIDGE

FPA = ([((FPM-FPL)/FPL)-.10]x(QxF/1000))FPL

			REGULAR UNLEADED	DIESEL	TOTALS
Fuel Price Adjustment (FPA)			$ 6,287.91	$ 37,476.46	$ 43,764.37
Monthly Fuel Price for month work was accomplished (FPM)		125%	$ 6.012	$ 6.719	
Monthly Fuel Price for month when project was let (FPL)			$ 2.672	$ 2.986	
Quantity Placed (Q)	Cost	$ 1,364,209.00			
Fuel Usage Factor (F)			1.5	8	

Section		Bridge 1 Cost	Bridge 2 Cost	Bridge 3 Cost	Bridge 4 Cost
211	Bridge Excavation				
500	Superstr Conc Cl AA	$ 570,570.00			
500	Class A Concrete	$ 119,853.00			
500	Class AA Concrete				
500	Concrete Handrail				
500	Concrete Barrier	$ 19,110.00			
501	Structural Steel				
507	Prestressed Conc Beams	$ 296,725.00			
507	Prestressed Conc Beams				
507	Prestressed Conc Beams				
511	Super Reinforcement	$ 72,000.00			
511	Bar Reinf Steel	$ 18,348.00			
520	Piling	$ 32,382.00			
520	Piling				
524	Drilled Caisson	$ 235,221.00			
547	Pile Encasement				
547	Pile Encasement				
		$ 1,364,209.00	**$ -**	**$ -**	**$ -**

Use when bridge items haven't been established. Assumes 80% of the estimated bridge cost will qualify for fuel adjustments.

EST. BRIDGE COST	% COST w/ADJ.
	80%
COST	$ -

TOTAL BRIDGE FUEL ADJUSTMENTS	**$ 43,764.37**
TOTAL ROADWAY AND BRIDGE FUEL ADJUSTMENT	**$ 296,409.01**

PROJ: STP00-3223-00(002) & BRMLB-3223-00(006)
P.I. NO. 342080 & 351095
DATE: November 10,2010

Subtotal Construction Cost			
E&I	5%	$	-
Construction Contingency		$	-
Subtotal Construction		**$**	**-**
Fuel Adjustment (Roadway)(125% cap)		$	252,644.64
Fuel Adjustment (Bridge) (125% cap)		$	43,764.37
Liquid AC Adjustment (125% cap)		$	394,310.64
Total Construction		**$**	**690,719.65**

Bridge Fuel Adjustment only for 351095, Roadway items all go with 342080.

ENVIRONMENTAL COMMITMENTS TABLE PI#:342080| County: Bibb| Date Updated: April 2012| Stage: FEA
Date on Plans Reviewed by OES: Plans Not Available

Review

☒ These commitments are feasible.
(must be checked at all stages)
Project Manager (PM) Kevin VanHouten
PM Signature/Date Kevin Van Houten **01/29/13**

☒ Plans incorporate the commitments.
(must be checked to certify for letting)
Engineer of Record (EOR) Stephen Daniel
EOR Signature/Date Stephen Daniel 01/29/2013

Air/Noise _____ *Arch* _____
Eco _____ *Hist* _____
NEPA _____

A. Resources to be Delineated on the Plans and/or Listed in the Environmental Resource Impact Table (ERIT)

Resource Name		*Additional Information (refer to the SP, plan note, design feature, permit, variance, commitment, etc…)*	*Name and Date of Report or Transmittal*	*Correctly Shown?*	
				Plan Sheet	*ERIT*
A-1	State Water 2A	Refer to Plan Note C-1	Ecology Addendum 8-19-11	Yes	Yes
A-2	State Water 2B	Refer to Plan Note C-1	Ecology Addendum 8-19-11	Yes	Yes
A-3	Stream 3A	Refer to Plan Note C-1	Ecology Addendum 8-19-11	Yes	Yes
A-4	Stream 4	Refer to Plan Note C-1	Ecology Addendum 8-19-11	Yes	Yes
A-5	State Water 4A	Refer to Plan Note C-1	Ecology Addendum 8-19-11	Yes	Yes
A-7	Historic Resource – Cross Keys Food Store	Refer to E-3 and E-8	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-8	Historic Resource – Jones-Kelly House	Refer to E-3	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-9	Historic Resource – J.L. Walker House	Refer to E-3	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-10	Historic Resource – Holmes House	Refer to E-3	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-11	Historic Resource – Whitfield House	Refer to E-3, E-7, and E-8	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-12	Historic Resource – Cross Keys Baptist Church (True Faith Church of God in Christ)	Refer to E-3, E-4, E-7, and E-8	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-13	Historic Resource – Duke House	Refer to E-3, E-7, and E-8	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-14	Historic Resource –Williams House	Refer to E-3, E-7, and E-8	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-15	Historic Resource –Henley-Thomas House	Refer to E-3	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-16	Historic Site – Edmundson House	Refer to E-3	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes
A-17	Historic Site - Ray House	Refer to E-3	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes

Estimated Costs are for planning purpose only, in current dollars as of date updated.

ENVIRONMENTAL COMMITMENTS TABLE PI#:342080| County: Bibb| Date Updated: April 2012| Stage: FEA
Date on Plans Reviewed by OES: Plans Not Available

B. Special Provisions (Attach all special provisions to the commitments table, if available)

Special Provision		*Purpose*	*Est. Cost*	*SP's Latest Date*
B-1	SP 107.22	If any portion of UST System were acquired, this SP will be followed.	Negligible	
B-2	SP 107.23.G	For the protection of birds and protected species	Negligible	2/28/2012

C. Plan Notes and Design Features (Description: For plan notes, provide exact wording in "quotes" and approximate location)

Purpose		*Description*	*Est. Cost*	*Correctly Shown?*
C-1	Plan Notes	Streams will be noted as "Environmentally Sensitive Area (ESA)" on Plans, Notes stating "no staging of equipment within the boundaries of the ESA" will be placed on plans.	0	Yes

D. Permits, Buffer Variances and Mitigation Credits

Permit, Variance, etc		*Additional Information (permit details, number of credits needed, etc…)*	*Est. Cost*	*Acquired?*
D-1	Notice of Intent (NOI) for NPDES	The Office of Bidding Administration and Construction Contractor will submit a NOI to the NPDES General Permit following award of the contract but prior to construction.	Negligible	Will be acquired following letting
D-2	Nationwide 14	None		No
D-3	Stream Credits	256.3 stream credits needed	$17,941	No

E. Other Commitments or Requirements (Status: Pre- and Post – Complete or Incomplete; During – Signature Req'd)

Pre-, During, or Post		*Commitment*	*Responsible party*	*Est. Cost*	*Status*
E-1	Preconstruction	Test potential UST or Haz Mat sites	OMR	Negligible	Incomplete
E-2	Preconstruction	Coordinate with the local floodplain management agent, FEMA, and the GDNR regarding all floodplain and/or floodway impacts in accordance with "Procedures for Coordinating Highway Encroachment on Floodplains"	GDOT/Office of Environmental Services and Office of Urban Design	0	Complete
E-3	Preconstruction	Historic site boundaries will be labeled as "Environmentally Sensitive Area (ESA)" on the plans. Notes stating "no staging of equipment within the boundaries of the ESA" will be placed on the plans. (see Boundary Transmittal 8/2009)	Bibb Count	0	Complete
E-4	Construction	After the completion of E-7, The Cross Keys Baptist Church (True Faith Church of God in Christ) stairs will be relocated during construction, as specified in the November 2, 2002 AOE,	Bibb Count	0	Incomplete
E-5	Preconstruction	Landscape plans will be prepared for the project	Bibb County	0	Incomplete
E-6	During Construction	Install landscaping per landscape plans	Bibb County	0	Incomplete
E-7	Preconstruction	Per the MOA dated 2/2/2012, Resources A-13, A-15, and A-16 will be documented with digital photography according to National Register guidelines. The photography and accompanying documentation will be submitted to the Georgia SHPO for its acceptance and retention.	Bibb County	TBD	Incomplete
E-8	Preconstruction	Per the MOA dated 2/2/2012, Resource A-9 will document to record the building, stetting, and context of the structure with digital photography according to National Register guidelines. The photography and accompanying documentation will be submitted to the Georgia SHPO for its acceptance and retention.	Bibb County		Incomplete

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ENVIRONMENTAL COMMITMENTS TABLE PI#:342080| County: Bibb| Date Updated: April 2012| Stage: FEA
Date on Plans Reviewed by OES: Plans Not Available

E-9	Preconstruction	Per the MOA dated 2/2/2012, Individual Landscape plan for Resources A-13, A-14, A-15, and A-16 will be created. Each property owner will be contacted and afforded the opportunity to have a landscape plan developed and implemented on his/her private property which would replace the vegetation that will necessarily be removed from the property as a result of required right-of-way. If the property owner agrees, a landscape plan will be developed that will consist of an "in-kind" landscape treatment to replace what was lost during project implementation. The plan will be submitted to SHPO for review and approval.	GDOT/Bibb County		Incomplete

Total Estimated Cost	$17,941

If Project is Complete or Under Construction, Area or Construction Engineer affirms that all Special Provisions, Plan Notes and During Construction Commitments were or are being adhered to during the project's construction.

Please Print Name and Title: _____ *Signature*: _____ Date: _____ *Please provide an explanation if unable to sign.*

Estimated Costs are for planning purpose only, in current dollars as of date updated.

ENVIRONMENTAL COMMITMENTS TABLE

PI#:351095| County: Bibb| Date Updated: April 2012| Stage: FEA
Date on Plans Reviewed by OES: Plans Not Available

Review

☒ These commitments are feasible.
(must be checked at all stages)
Project Manager (PM) Kevin VanHouten
PM Signature/Date Kevin Van Houten 01/29/13

☒ Plans incorporate the commitments.
(must be checked to certify for letting)
Engineer of Record (EOR) Stephen Daniel
EOR Signature/Date Stephen Daniel 01/29/2013

Air/Noise _____ *Arch* _____
Eco _____ *Hist* _____
NEPA _____

A. Resources to be Delineated on the Plans and/or Listed in the Environmental Resource Impact Table (ERIT)

	Resource Name	*Additional Information (refer to the SP, plan note, design feature, permit, variance, commitment, etc…)*	*Name and Date of Report or Transmittal*	*Correctly Shown?*	
				Plan Sheet	*ERIT*
A-1	Wetland 3	0.10-acre impact due to fill. Refer to Plan Note C-1, See Plan Set Drawing 13-01 and 13-02, Refer to Mitigation D-2	Ecology Addendum 8-19-11	Yes	Yes
A-2	Historic Resource –Walnut Creek Bridge	Refer to E-7and E-8	History Survey Report 11/28/07 Assessment of Effect 2/18/08	Yes	Yes

B. Special Provisions (Attach all special provisions to the commitments table, if available)

	Special Provision	*Purpose*	*Est. Cost*	*SP's Latest Date*
B-1	SP 107.23.G	For the protection of birds and protected species	Negligible	2/28/2012

C. Plan Notes and Design Features (Description: For plan notes, provide exact wording in "quotes" and approximate location)

	Purpose	*Description*	*Est. Cost*	*Correctly Shown?*
C-1	Plan Notes	Wetland will be noted as "Environmentally Sensitive Area (ESA)" on Plans, Notes stating "no staging of equipment within the boundaries of the ESA" will be placed on plans.	0	Yes

D. Permits, Buffer Variances and Mitigation Credits

	Permit, Variance, etc	*Additional Information (permit details, number of credits needed, etc…)*	*Est. Cost*	*Acquired?*
D-1	Notice of Intent (NOI) for NPDES	The Office of Bidding Administration and Construction Contractor will submit a NOI to the NPDES General Permit following award of the contract but prior to construction.	Negligible	Will be acquired following letting
D-2	Nationwide 14	0.67 Wetland Credits	$8,375	No

E. Other Commitments or Requirements (Status: Pre- and Post – Complete or Incomplete; During – Signature Req'd)

	Pre-, During, or Post	*Commitment*	*Responsible party*	*Est. Cost*	*Status*
E-1	Preconstruction	Archival photographs will be taken of the setting of the Walnut Creek Bridge and substructure.	GDOT/Office of Environmental Services	0	Incomplete
E-2	Preconstruction	A Memorandum of Agreement (MOA) will be prepared for signature by representatives of the FHWA, SHPO, and GDOT for photo documentation of the Walnut Creek Bridge and substructure.	Moreland Altobelli and GDOT/Office of Environmental Services	0	Complete
E-3	Preconstruction	Coordinate with the local floodplain management agent, FEMA, and the GDNR regarding all floodplain and/or floodway impacts in accordance with "Procedures for Coordinating Highway Encroachment on Floodplains"	GDOT/Office of Environmental Services and Office of Urban Design	0	Complete
E-4	During Construction	The contractor shall install a barrier fence as shown on the project construction plan sheets to ensure that wetland, streams and their associated buffers are not adversely impacted during construction	Construction Contractor overseen by GDOT Construction	0	Construction/Area Engineer Signature Required

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ENVIRONMENTAL COMMITMENTS TABLE PI#:351095| County: Bibb| Date Updated: April 2012| Stage: FEA
Date on Plans Reviewed by OES: Plans Not Available

E-5	Preconstruction	Landscape plans will be prepared for the project	Bibb County	0	Incomplete
E-6	During Construction	Install landscaping per landscape plans	Bibb County		Incomplete
E-7	Preconstruction	Historic site boundaries will be labeled as "Environmentally Sensitive Area (ESA)" on the plans. Notes stating "no staging of equipment within the boundaries of the ESA" will be placed on the plans. (see Boundary Transmittal 8/2009)	Bibb Count	0	Complete
E-8	Preconstruction	Per the MOA dated 2/2/2012, Resource A-17 will document the historic features and substructure of the bridge with digital photography according to National Register guidelines. The photography and accompanying documentation will be submitted to the Georgia SHPO for its acceptance and retention.	Bibb County		Incomplete

Total Estimated Cost	$8,375

If Project is Complete or Under Construction, Area or Construction Engineer affirms that all Special Provisions, Plan Notes and During Construction Commitments were or are being adhered to during the project's construction.

Please Print Name and Title: _____ *Signature*: _____ Date: _____ *Please provide an explanation if unable to sign.*

Estimated Costs are for planning purpose only, in current dollars as of date updated.

NOTICE OF LOCATION AND DESIGN APPROVAL

STP00-3223-00(002) & BRMLB-3223-00(006), Bibb County
P. I. NUMBER 342080 & 351095

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 June 28, 2013.

This project is located in Bibb County within and near the City of Macon.

The project consists of the widening and reconstruction of Jeffersonville Road from Walnut Creek to Recreation Road and Millerfield Road to Bristol Drive including a bridge over Walnut Creek. The existing routes are rural two-lane facilities with a 7.2m/(24ft) total pavement width. The proposed construction will provide four 3.3m/(11ft)-wide lanes with a 4.2m/(14ft)-wide center turn lane and a 1.5m/(5ft)-wide sidewalk on the south side and a 2.4m/(8ft)-wide multi-use path on the north side for the entire project limit. The existing bridge over Walnut Creek will be replaced with a proposed 77.5m/(255ft) long x 25.0m/(82ft)-wide bridge at the existing bridge site. The proposed right-of-way is 30.0m wide. The total project length is 2.20 km/(1.37 mi). The west terminus of this project ties to project P.I. No. 351090 and the east terminus of this project ties to project P.I. No. 351080. This project is within the Macon Reserve East Land District.

Drawings, maps, or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Kraig Collins, Area Engineer
krcollins@dot.ga.gov
4499 Riverside Drive
Macon, GA 31201
(478) 757-2601

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:

Genetha Rice-Singleton, State Program Delivery Engineer
Office of Program Delivery
grice-singleton@dot.ga.gov
One Georgia Center
600 West Peachtree Street
Atlanta, Georgia 30308
(404) 631- 1522

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.