

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #0012646 **OFFICE** Design Policy & Support
Newton County
GDOT District 2 - Tennille **DATE** 11/02/2015
Intersection Improvements - SR653/Covington
Bypass @ CR181/Flat Shoals Road
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:

Glenn Bowman, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Hiral Patel, State Environmental Administrator
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Richard Cobb, Location Bureau Chief
James H. "Jimmy" Smith, District Engineer
Neal O'Brien, District Preconstruction Engineer
Gazelle "Cissy" McNure, District Planning & Programming Engineer
Chris Dills, Area Engineer - D2, A5
Daniel Chastain, Project Manager
BOARD MEMBER - 4th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE P.I. 0012646
Newton County
CR 653/Covington Bypass @
CR181/Flat Shoals Rd.

OFFICE Office of Program Delivery

DATE 10/14/2015

FROM Albert V. Shelby III, State Program Delivery Engineer *Albert Shelby*

TO Brent Story, State Design Policy Engineer
Attn: Dave Peters, State Conceptual Design Group Manager

SUBJECT Request for Location and Design Approval

Description and Project Proposal: This project consists of the reconstruction of CR 653/Covington Bypass and CR 181/Flat Shoals Road intersection approximately 1.5 miles southeast of the City of Porterdale. The project will reconstruct approximately 0.36 miles of CR 653/ Covington Bypass and approximately 0.28 miles of CR 181/Flat Shoals Road. The roadways will consist of one 12-foot lane in each direction and right and left turn lanes when required. Signal warrants were met for the intersection therefore a signal is included in the design.

Concept Approval Date: The concept report was approved on 3/26/15

Concept Update: There are no Concept Report changes at this time.

Environmental Document:

Document Type: *Document Type* CE Approval Date: 10/7/2015

Public Involvement: No public involvement required

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.

Concur: *She Bonin*
GDOT Director of Engineering

Approve: *Margaret B. Pirkle* *10.26.15*
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: *November 2, 2015*

sn/s CCB
AVS:BWS:CCB:DMC

- Attachments:
- Notice of Location and Design Approval
 - Sketch Map
 - Construction Cost Estimate

NOTICE OF LOCATION AND DESIGN APPROVAL

P.I. 0012646 Newton County

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 and design approval is: November 2, 2015

This project consists of the reconstruction of the CR 653/Covington Bypass and CR 181/Flat Shoals Road intersection approximately 1.5 miles southeast of the City of Porterdale. The project would reconstruct approximately 0.36 miles of CR 653/ Covington Bypass and approximately 0.28 miles of CR 181/Flat Shoals Road. The roadways would consist of one 12-foot lane in each direction and right and left turn lanes where required. A traffic signal will be included in the design of this project. The project is located in the 9th land district of Newton County.

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:

Chris Dills, Area Engineer
GDOT Madison Area Office
1570 Bethany Rd.
Madison, GA. 30650
Email: cdills@dot.ga.gov
Phone: 706-343-5836

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:

Albert V. Shelby III
Office of Program Delivery
Attn: Daniel Chastain
600 West Peachtree St. N.W. 25th Floor
Atlanta, GA. 30308
Email: dchastain@dot.ga.gov
Phone: 706-604-6594

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.

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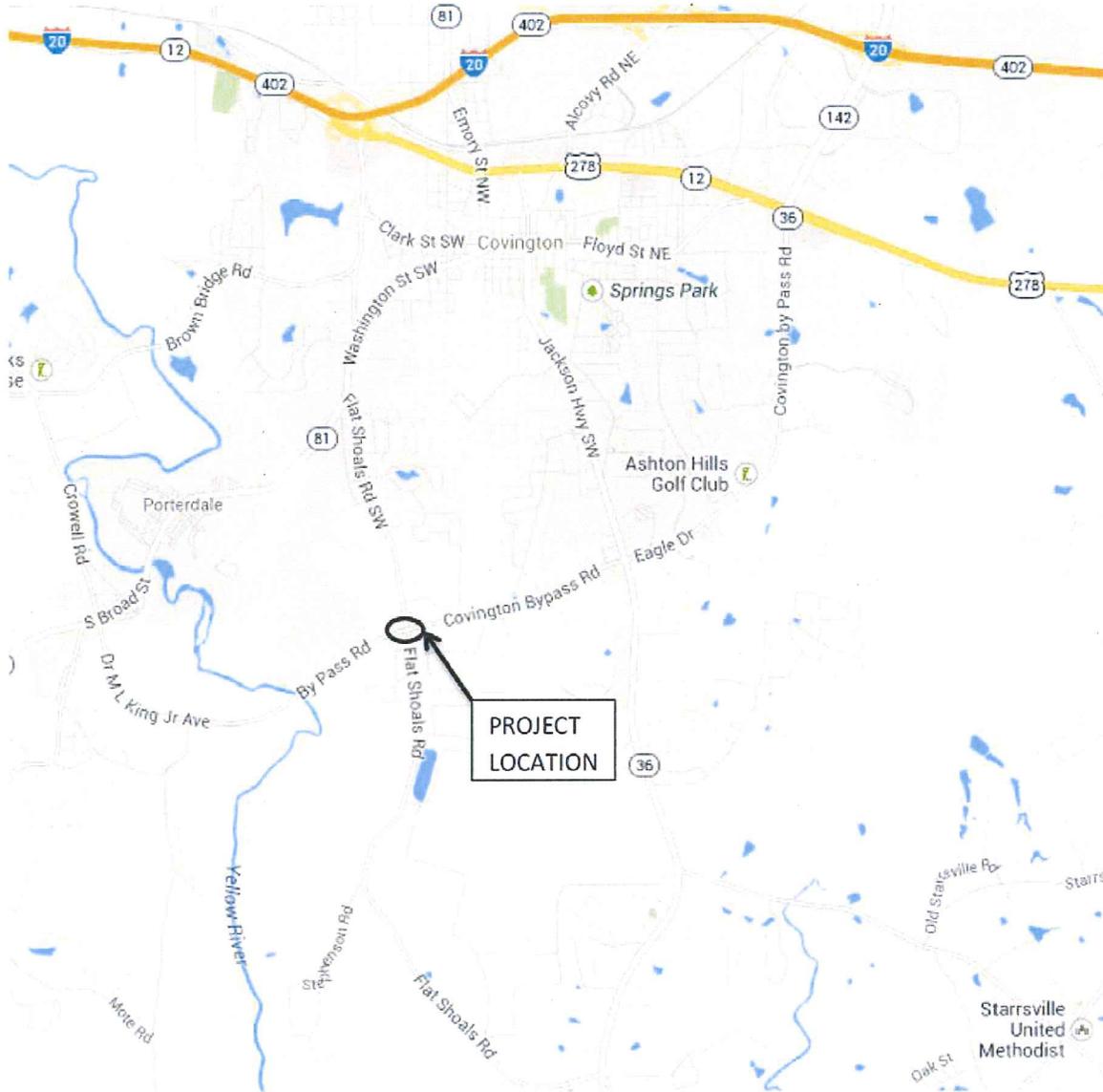
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Project Concept Report – Page 2
County: Newton

P.I. Number: 0012646

PROJECT LOCATION MAP



Flat Shoals Road at Covington Bypass

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No.	0012646	OFFICE	Program Delivery
PROJECT DESCRIPTION		DATE	October 1, 2015
SR 36 @ Yellow River 14 Miles South of Covington-Bridge Replacement			

From: Albert V. Shelby III, State Program Delivery Engineer

To: Lisa L. Myers, State Project Review Engineer

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER	Daniel Chastain	MGMT LET DATE	8/19/2016
		MGMT ROW DATE	11/15/2015

<u>PROGRAMMED COSTS (IPRO W/OUT INFLATION)</u>		<u>LAST ESTIMATE UPDATE</u>	
CONSTRUCTION	\$ 1,536,904.27	DATE	3/26/2015
RIGHT OF WAY	\$ 611,000.00	DATE	3/26/2015
UTILITIES	\$ 288,900.00	DATE	3/26/2015

REVISED COST ESTIMATES

CONSTRUCTION*	\$ 1,486,994.43
RIGHT OF WAY	\$
UTILITIES	\$

*Cost Contains 5 % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$	1,277,259.61	Base Estimate From CES	
B. ENGINEERING AND INSPECTION (E & I):	\$	63,862.98	Base Estimate (A) x	5 %
C. CONTINGENCY:	\$	67,056.13	Base Estimate (A) + E & I (B) x	5 %
			See % Table in "Risk Based Cost Estimation" Memo	
D. TOTAL LIQUID AC ADJUSTMENT:	\$	78,815.71	Total From Liquid AC Spreadsheet	
E. CONSTRUCTION TOTAL:	\$	1,486,994.43	(A + B + C + D = E)	

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
TOTAL	\$ -

ATTACHMENTS:

Detailed Cost Estimate Printout From TRAQS Liquid AC Adjustment Spreadsheet
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Location and Design Report

P.I. #0012646

STATE HIGHWAY AGENCY

DATE : 09/30/2015
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 0012646 SPEC YEAR: 13
DESCRIPTION: COVINGTON BYPASS AT FLAT SHOALS

ITEMS FOR JOB 0012646

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - PI 0012646	1.000	110000.00	110000.00
0010	210-0100		LS	GRADING COMPLETE - PI 0012646	1.000	180000.00	180000.00
0015	310-1001		TN	SK AGGR BASE CRS, INCL MAIL	5850.000	15.72	92098.50
0020	402-1012		TN	RECYL AC LEVELING, INC BM&HL	220.000	81.36	17900.32
0025	402-3113		TN	RECYL AC 12.5MM SF, SP1/2, BM&HL	1440.000	73.91	106431.75
0030	402-3121		TN	RECYL AC 25MM SF, SP1/2, BM&HL	2700.000	71.25	192375.00
0035	402-3150		TN	RECYL AC 19 MM SF, SP 1 CR 2, INC BM&HL	1115.000	75.69	84400.65
0045	441-0016		SY	DRIVEWAY CONCRETE, 6 IN TK	47.000	38.04	1789.92
0050	441-0104		SY	CONC SIDEWALK, 4 IN	420.000	35.05	14740.75
0055	441-6022		LF	CONC CURB & GUTTER, 6X30TPE	380.000	33.58	12760.80
0060	446-1100		LF	PVMT REF FAB STRIPS, TP2, 18 INCH WIDTH	7120.000	3.70	26544.00
0065	634-1000		EA	RIGHT OF WAY MARKERS	14.000	105.44	1476.16
0070	641-1000		LF	GUARDRAIL, TP W	235.000	19.47	4575.15
0075	641-5012		EA	GUARDRAIL ANCHORAGE, TP 12	1.000	1906.03	1906.03
0080	550-2150		LF	SIDE DR PIPE 18,H 1-10	400.000	27.90	11160.00
0090	163-0232		AC	TEMPORARY GRASSING	3.000	65.64	196.93
0095	163-0240		TN	MULCH	110.000	201.90	22209.00
0100	163-0300		EA	CONSTRUCTION EXIT	2.000	1054.20	2108.40
0105	163-0520		LF	CONSTR AND REMOVE TEMP PIPE SLOPE DRAIN	200.000	10.81	2162.00
0115	165-0030		LF	MAINT OF TEMP SILT FENCE, TP C	1115.000	0.84	944.28
0120	165-0041		LF	MAINT OF CHECK DAMS - ALL TYPES	650.000	1.17	760.50
0125	165-0101		EA	MAINT OF CONST EXIT	2.000	433.35	866.70
0130	167-1000		EA	WATER QUALITY MONITORING AND SAMPLING	2.000	155.63	311.26
0135	167-1800		MO	WATER QUALITY INSPECTIONS	9.000	364.01	3276.09
0140	171-0030		LF	TEMPORARY SILT FENCE, TYPE C	2230.000	3.94	8785.20
0150	603-7000		SY	PLASTIC FILTER FABRIC	56.000	4.30	240.80
0155	700-6910		AC	PERMANENT GRASSING	5.000	334.76	1673.80
0160	700-7000		TN	AGRICULTURAL LIME	15.000	127.48	1912.20
0165	700-8000		TN	FERTILIZER MINED GRADE	3.000	626.86	1880.58
0170	700-8100		LB	FERTILIZER NITROGEN CONTENT	250.000	2.23	557.50
0175	714-2000		SY	EROSION CONTROL MATS, SLOPES	3130.000	1.29	4037.70
0180	636-2070		LF	GALV STEEL POSTS, TP 7	600.000	3.21	1926.00
0185	633-0120		EA	THERM PVMT MARK, ARROW, TP 2	27.000	71.25	1923.75
0200	633-1501		LF	THERMO SOLID TRAF ST 5 IN, WHI	3964.000	0.43	1705.32
0205	633-1502		LF	THERMO SOLID TRAF ST, 6 IN, YEL	912.000	0.35	319.20
0210	633-1704		LF	THERMO SOLID TRAF STRIPE, 24,WH	156.000	6.93	1080.48
0215	633-1804		LF	THERMO SOLID TRAF STRIPE, 6,WH	1300.000	2.39	3106.60
0220	633-3801		GLF	THERMO SKIP TRAF ST, 5 IN, WHI	972.000	0.16	155.52
0225	633-6006		SY	THERM TRAF STRIPING, YELLOW	840.000	3.04	2541.60
0230	634-1001		EA	RAISED PVMT MARKERS TP 1	115.000	4.38	503.70

Location and Design Report

P.I. #0012646

STATE HIGHWAY AGENCY

DATE : 09/30/2015
PAGE : 2

JOB ESTIMATE REPORT

ITEM NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	CUMULATIVE TOTAL
0285	684-1003	EA	124.000	3.00	372.00	372.00
0290	647-1000	LS	1.000	120000.00	120000.00	120372.00
0295	639-4004	EA	4.000	5500.00	22000.00	122572.00
0250	163-0827	EA	61.000	223.47	13632.18	13632.18
0255	163-0850	EA	5.000	135.39	676.95	13632.18
0260	165-0108	EA	5.000	40.50	202.50	13632.18
0265	163-0803	EA	11.000	344.31	3787.46	13632.18
0270	165-0087	EA	11.000	59.33	652.62	13632.18
0275	441-0018	SY	443.000	40.41	17900.15	13632.18
0280	432-5010	SY	5790.000	3.94	22804.81	13632.18
0285	402-1802	TN	200.000	111.14	22228.43	13632.18
0290	441-0102	SY	16.000	57.31	917.10	13632.18
0295	641-5001	EA	1.000	820.66	820.66	13632.18
0300	436-1000	LF	230.000	11.30	2599.55	13632.18
0305	413-0750	GL	1320.000	2.00	2640.00	13632.18
0310	603-2180	SY	56.000	91.95	5149.30	13632.18
0315	636-1033	SF	52.000	18.21	947.42	13632.18
0320	636-1036	SF	200.000	20.00	4000.00	13632.18
0325	615-1100	LF	135.000	46.33	6255.12	13632.18
0330	682-6233	LF	135.000	44.00	5940.00	13632.18
0335	550-3318	EA	15.000	615.75	9236.27	13632.18
0340	550-1180	LF	210.000	40.29	8461.29	13632.18
0345	628-2100	EA	4.000	1575.79	6303.17	13632.18
0350	550-1240	LF	4.000	66.09	264.36	13632.18
0355	550-3324	EA	2.000	753.63	1507.27	13632.18
0360	550-2240	LF	52.000	40.32	2096.60	13632.18
0365	550-4224	EA	1.000	560.70	560.70	13632.18
0370	441-0303	EA	1.000	1622.21	1622.21	13632.18
0375	576-1015	LF	30.000	29.64	889.31	13632.18
0380	456-2015	GLM	1.000	4375.87	4375.88	13632.18

ITEM TOTAL						1277259.61
INFLATED ITEM TOTAL						1277259.61

TOTALS FOR JOB 0012646						
ESTIMATED COST:						1277259.61
CONTINGENCY PERCENT (10.0):						127725.96
ESTIMATED TOTAL:						1404985.57