

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. #631490-
STP00-0018-01(067)
Carroll County
GDOT District 6 - Cartersville
Villa Rica Bypass Extension

OFFICE Design Policy & Support

DATE 4/1/2016

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:

Hiral Patel, 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
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Richard Cobb, Location Bureau Chief
DeWayne Comer, District Engineer
David Acree, District Preconstruction Engineer
Cherie Marsh, District Planning & Programming Engineer
Bill Dungan, Area Engineer - D6, A3
Michael Word, Project Manager
BOARD MEMBER - 3rd Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE P.I. No. 631490-
STP00-0018-01(067)
Carroll County
Villa Rica Bypass

OFFICE Office of Program Delivery

DATE 2/8/2016

AS/HS/KND

FROM Albert V. Shelby, III (Office of Program Delivery)

Albert Shelby

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

SUBJECT Request for Location and Design Approval

Description and Project Proposal: The proposed project begins at a point 2500 feet south of the intersection of Industrial Boulevard and Rockmart Road and proceeds along Industrial Boulevard (SR 101) to the aforementioned intersection. Then the project crosses the intersection and proceeds on new location in an easterly direction crossing McCurdy Road (CR 392), then Herrell Road (CR 389) and turns south to terminate at Dallas Highway (SR 61). The length of this project is 1.92 miles. The project includes improvements to the intersection of Industrial Boulevard and Rockmart Road adding left turn lanes to all approaches and dual left turn lanes to the eastbound approach, which requires adding a second lane northbound on Rockmart Road. The intersection will also have right turn lanes for all approaches. The length of improvements on Rockmart Road is 0.51 miles. The project also includes improvements to Dallas Highway, adding left and right turn lanes to its intersection with the proposed Villa Rica Bypass. The length of improvements on Dallas Highway is 0.37 miles. The proposed typical section is a rural section with one 12 foot wide lane in each direction and a 14 foot wide 2-way left turn lane.

Concept Approval Date:

Original Concept Report Approval: July 17, 2006

Concept Update: Add the 14 foot wide 2-way left turn lane to the Bypass and add the improvements to Dallas Highway at the new intersection with the Bypass.

Environmental Document:

Document Type: EA/FONSI

Approval Date: 2/19/2016

Temporary State Route Needed: No Yes Undetermined

Public Involvement:

- Public Hearing Open House Results summary:
 - A PHOH was held on Tuesday, November 10, 2015 at the Gymnasium at Gold Dust Park, 646 Industrial Boulevard, Villa Rica, Georgia 30180. The PHOH utilized displays for the entire project from 2500 feet west of the Industrial Boulevard & Rockmart Road intersection to the terminus on Punkintown Road approximately 1400 feet south of Shoreline Parkway. A total of 59 comments received; 18 supported the project; 11 opposed the project; 10 were uncommitted, 20 expressed conditional

Location and Design Report

support. There were of 190 attendees at the PHOH. Many comments were opposition to the east side project south of Dallas Highway (SR 61) due to concerns of trucks and heavy traffic volumes. Several comments were the need for traffic signals at several locations.

Consistency with Approved Planning: The design description as presented herein and submitted for approval is an update to the approved Concept Report as described above.

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

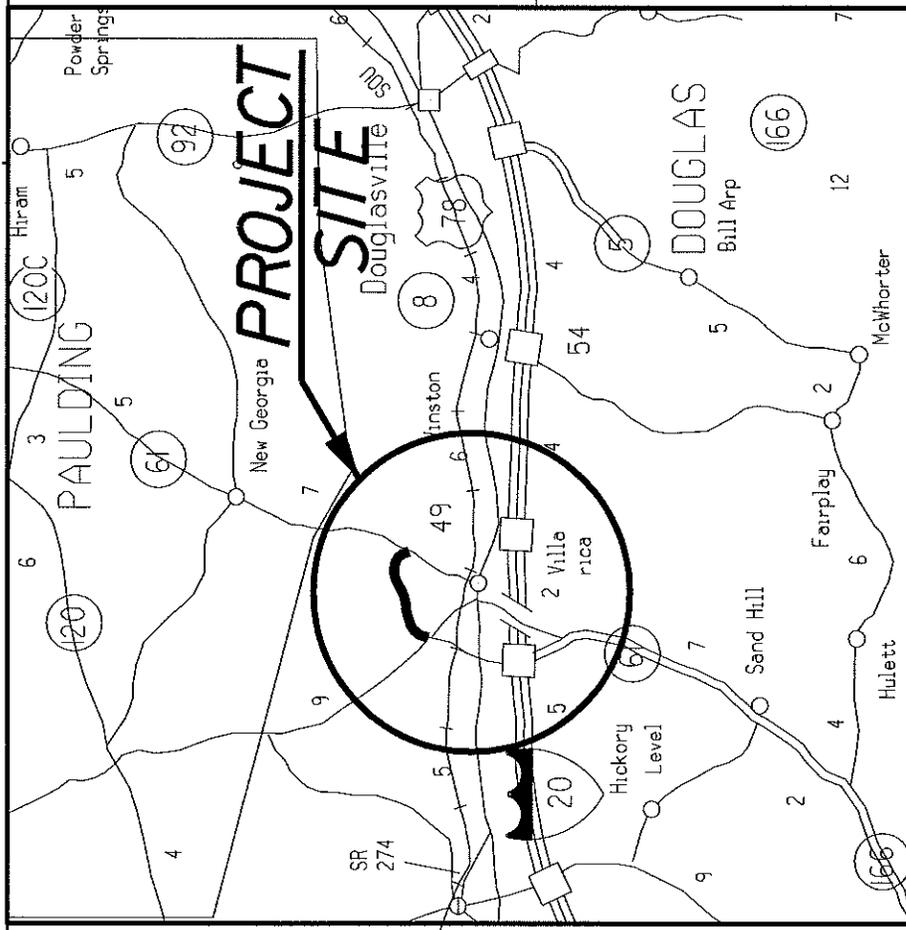
Concur: Heidi P. Hill
GDOT Director of Engineering

Approve: Margaret B. Pirkle 3.29.16
GDOT Chief Engineer Date

DATE OF LOCATION AND DESIGN APPROVAL: April 1, 2016
(To be entered by State Conceptual Design Group Manager)

Attachments:

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



LOCATION SKETCH

DETAILED COST ESTIMATE



Job: 631490

JOB NUMBER: 631490

FED/STATE PROJECT NUMBER STP00-0018-01(067)

SPEC YEAR: 01

DESCRIPTION: VILLA RICA BYPASS FM SR101 TO SR 61

ITEMS FOR JOB 631490

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0005	150-1000	1.000	LS	\$200,000.00000	TRAFFIC CONTROL - VILLA RICA BYPASS	\$200,000.00
0120	163-0232	45.000	AC	\$796.96816	TEMPORARY GRASSING	\$35,863.57
0125	163-0240	200.000	TN	\$295.05792	MULCH	\$59,011.58
0130	163-0300	12.000	EA	\$1,393.46009	CONSTRUCTION EXIT	\$16,721.52
0135	163-0501	7.000	EA	\$702.34267	CONSTR AND REMOVE SILT CONTROL GATE,TP 1	\$4,916.40
0140	163-0503	97.000	EA	\$409.85922	CONSTR AND REMOVE SILT CONTROL GATE,TP 3	\$39,756.34
0145	163-0531	8.000	EA	\$13,203.08800	CONSTR & REM SEDIMENT BASIN,TP 1,STA NO-STP00-0018-01(067)	\$105,624.70
0195	165-0010	2500.000	LF	\$0.69047	MAINT OF TEMP SILT FENCE, TP A	\$1,726.18
0200	165-0020	2500.000	LF		MAINT OF TEMP SILT FENCE, TP B	
0205	165-0030	6000.000	LF	\$0.89366	MAINT OF TEMP SILT FENCE, TP C	\$5,361.96
0150	165-0060	8.000	EA	\$1,270.44442	MAINT OF TEMP SEDIMENT BASIN,STA NO -	\$10,163.56
0155	165-0085	7.000	EA	\$141.59861	MAINT OF SILT CONTROL GATE, TP 1	\$991.19
0160	165-0087	97.000	EA	\$59.72341	MAINT OF SILT CONTROL GATE, TP 3	\$5,793.17
0165	165-0101	12.000	EA	\$502.48563	MAINT OF CONST EXIT	\$6,029.83
0170	167-1000	2.000	EA	\$373.03778	WATER QUALITY MONITORING AND SAMPLING	\$746.08
0175	167-1500	48.000	MO	\$831.39610	WATER QUALITY INSPECTIONS	\$39,907.01
0180	171-0010	2500.000	LF	\$2.59275	TEMPORARY SILT FENCE, TYPE A	\$6,481.88
0185	171-0020	2500.000	LF		TEMPORARY SILT FENCE, TYPE B	
0190	171-0030	6000.000	LF	\$3.25905	TEMPORARY SILT FENCE, TYPE C	\$19,554.30
0010	205-0001	216908.000	CY		UNCLASS EXCAV	
0014	310-5120	55000.000	SY	\$24.64496	GR AGGR BS CRS 12IN INCL MATL	\$1,355,472.80
0015	402-1802	700.000	TN	\$119.17962	RECYL AC PATCHING, INCL BM&HL	\$83,425.73
0030	402-3121	9050.000	TN	\$72.53478	RECYL AC 25MM SP,GP1/2,BM&HL	\$656,439.76
0020	402-3130	7300.000	TN	\$76.70356	RECYL AC 12.5MM SP,GP2,BM&HL	\$559,935.99
0025	402-3190	6050.000	TN	\$76.85681	RECYL AC 19 MM SP,GP 1 OR 2 ,INC BM&HL	\$464,983.70
0034	413-1000	8231.000	GL	\$3.83067	BITUM TACK COAT	\$31,530.24
0035	441-0016	700.000	SY	\$40.93266	DRIVEWAY CONCRETE, 6 IN TK	\$28,652.86
0040	456-2015	3.600	GLM	\$1,135.09699	INDENT. RUMB. STRIPS - GRND-IN-PL (SKIP)	\$4,086.35
0045	500-3800	750.000	CY	\$1,070.08059	CL A CONC, INCL REINF STEEL	\$802,560.44
0055	550-1180	890.000	LF	\$47.11701	STM DR PIPE 18",H 1-10	\$41,934.14
0050	550-1240	211.000	LF	\$70.15238	STM DR PIPE 24",H 1-10	\$14,802.15
0060	550-3318	77.000	EA	\$686.57744	SAFETY END SECTION 18",STD,4:1	\$52,866.46
0065	550-3324	20.000	EA	\$850.47989	SAFETY END SECTION 24",STD,4:1	\$17,009.60
0070	550-4118	77.000	EA	\$505.49234	FLARED END SECT 18 IN, SIDE DR	\$38,922.91
0075	550-4124	20.000	EA		FLARED END SECT 24 IN, SIDE DR	
0079	603-2024	2000.000	SY	\$56.65766	STN DUMPED RIP RAP, TP 1, 24"	\$113,315.32
0080	603-7000	2000.000	SY	\$4.44773	PLASTIC FILTER FABRIC	\$8,895.46
0114	639-4002	4.000	EA		STRAIN POLE, TP II	
0085	641-1200	5463.000	LF	\$17.81816	GUARDRAIL, TP W	\$97,340.61
0090	641-5001	13.000	EA	\$922.62992	GUARDRAIL ANCHORAGE, TP 1	\$11,994.19
0095	641-5012	13.000	EA	\$2,347.02062	GUARDRAIL ANCHORAGE, TP 12	\$30,511.27

DETAILED COST ESTIMATE



Job: 631490

Line Number	ITEM	QUANTITY	UNITS	PRICE	DESCRIPTION	AMOUNT
0115	647-1000	1.000	LS	\$80,000.00000	TRAF SIGNAL INSTALLATION NO - TOTAL SIGNAL AT SR101 & BYPASS (SR61)	\$80,000.00
0100	652-2501	6.000	LM	\$689.03054	SOLID TRAF STRIPE, 5 IN, WHITE	\$4,134.18
0105	652-2502	6.000	LM	\$687.65297	SOLID TRAF STRIPE, 5 IN, YELLO	\$4,125.92
0110	652-3502	3.600	GLM	\$488.80242	SKIP TRAF STRIPE, 5 IN, YELLOW	\$1,759.69
0210	700-6910	87.000	AC	\$953.23292	PERMANENT GRASSING	\$82,931.26
0215	700-7000	261.000	TN	\$96.31739	AGRICULTURAL LIME	\$25,138.84
0220	700-8000	79.000	TN	\$561.69004	FERTILIZER MIXED GRADE	\$44,373.51
0225	700-8100	4350.000	LB	\$3.00421	FERTILIZER NITROGEN CONTENT	\$13,068.31
0209	716-2000	10000.000	SY	\$1.07899	EROSION CONTROL MATS, SLOPES	\$10,789.90
SUBTOTAL FOR :						\$5,239,650.86

TOTALS FOR JOB 631490

ITEMS COST:	\$5,239,650.86
COST GROUP COST:	\$0.00
ESTIMATED COST:	\$5,239,650.86
CONTINGENCY PERCENT:	0.00
ENGINEERING AND INSPECTION:	0.10
ESTIMATED COST WITH CONTINGENCY AND E&I:	\$5,763,615.95

**NOTICE OF LOCATION AND DESIGN APPROVAL
PROJECT STP00-0018-01(067) AND CARROLL COUNTY
P. I. 631490**

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: April 1, 2016

The project is located in Land Lots 177, 190, 191, 192, 193, 194, 195, 208, 222 and 224 in the 2nd and 6th Land Districts, Carroll County. The proposed project is on the north side of the City of Villa Rica on new location between SR 101 and SR 61.

The project begins with roadway improvements at a point 2500 feet south of the intersection of Industrial Boulevard and Rockmart Road and proceeds along Industrial Boulevard (SR 101) to the aforementioned intersection. Then the project crosses the intersection and proceeds on new location in an easterly direction crossing McCurdy Road (CR 392), then Herrell Road (CR 389) and turns south to terminate at Dallas Highway (SR 61). The length of this project is 1.92 miles. The project includes improvements to the intersection of Industrial Boulevard and Rockmart Road adding left turn and right turn lanes for all approaches. The length of improvements on Rockmart Road is 0.51 miles. The project also includes improvements to Dallas Highway, adding left and right turn lanes to the proposed intersection of Dallas Highway and the proposed Villa Rica Bypass. The length of improvements on Dallas Highway is 0.37 miles. The proposed typical section is a rural section with one 12 foot wide lane in each direction and a 14 foot wide 2-way left turn lane.

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 Hwy 27
Buchanan, GA 30113

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: Charles A. Robinson
chrobinson@dot.ga.gov
One Georgia Center
600 West Peachtree Street, Floor 25
Atlanta, GA 30308
(404) 631-1439

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.