DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP00-0001-00(939), Jasper County
P.I. No.: 0001939
Monticello NE Bypass

OFFICE: Engineering Services

DATE: April 22, 2009

FROM: Ronald E. Wishon, State Project Review Engineer REW

TO: George M. Brewer, District Preconstruction Engineer
Attention: Foster Grimes, Project Manager

SUBJECT: **IMPLEMENTATION OF VALUE ENGINEERING STUDY ALTERNATIVES**

Recommendations for implementation of Value Engineering Study Alternatives are indicated in the table below. Incorporate the VE alternatives recommended for implementation to the extent reasonable in the design of the project.

ALT No.	Description	Savings PW & LCC	Implement	Comments
ROADWAY (RD)				
RD-1	Use 4-foot paved shoulder in-lieu of 6.5-foot paved shoulder.	$292,527	Yes	This should be done.
RD-2	Eliminate potential sight distance deficiency on SR 380 at SR 16 intersection.	Design Suggestion	Yes	The District will investigate.
RD-6	Redesign grade to minimize off site borrow.	$388,744	Yes	This should be done.
RD-8	Use a 2-foot paved shoulder in-lieu of 6.5-foot paved shoulder.	$526,611	No	Does not apply since RD-1 will be implemented.

ROADWAY Continued				
RD-9	Lengthen vertical curve at station 588+00 to meet design criteria.	Design Suggestion	Yes	This should be done.
RD-10	Use 8-foot shoulder in-lieu of 10-foot shoulder.	$99,340	Yes	This should be done.
RD-11	Eliminate Control of Access fencing.	$230,683	Yes	This should be done.
BRIDGE				
14	Reduce length of White Oak Creek Bridge (Bridge #1).	$95,150	No	By shortening the span length and using shallower beams, the endrolls fall within the limits of the creek banks. This does not meet our requirements that the endrolls need to fall a minimum of 10 feet outside the creek banks.
ROADWAY				
RD-17	Reduce the minimum right of way width from 200 feet to 150 feet.	$224,532	Yes	This should be done.
RD-20	Improve the SR 380 / CR 363 intersection to include left turn bays on SR 380	-($99,901)	Yes	This should be done.

The Office of Engineering Services concurs with the Project Manager's responses.

Approved: _____ **Date:** 4/23/09
Gerald M. Ross, P. E., Chief Engineer

REW / DMF

Attachments

c: Genetha Rice Singleton
George Brewer
Alan Smith
Foster Grimes
Robin Tanner
Paul Liles
Bill Ingalsbe
Bill Duvall
Jennifer Harris-Dunham
Jim Kitchings
James Magnus
Rusty Merritt
Lynn Bean
Gus Cooper
Nabil Raad
General Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

DATE April 21, 2009

FROM Foster Grimes, District Design Squad Leader

TO Ron Wishon, Assistant Project Review Engineer

Attn: Doug Fadool

SUBJECT **STP00-0001-00(939) – Jasper County**
P.I. No.: 0001939
Value Engineering Study: Response to Recommendations

These are the responses to the Value Engineering Alternatives recommended by the Value Engineering Team:

ALT No.	Description	Savings PW & LCC	Implement	Comments
RD-1	Use 4'-0" paved shoulder in-lieu of 6'-6" paved shoulder.	$ 292,527	Yes	
RD-2	Eliminate potential sight distance deficiency on SR 380 at SR 16 intersection	DS	Yes	The District will investigate.
RD-6	Redesign grade to minimize off site borrow.	$ 388,744	Yes	
RD-8	Use a 2'-0" paved shoulder in-lieu of 6'-6" paved shoulder.	$ 526,611	No	Do not implement due to implementation of RD-1.
RD-9	Lengthen vertical curve at station 588+00 to meet design criteria.	DS	Yes	

RD-10	Use 8'-0" shoulder in-lieu of 10'-0" shoulder	$ 99,340	Yes	
RD-11	Eliminate Control of Access of fencing	$ 230,683	Yes	
RD-14	Reduce length of White Oak Creek Bridge (Bridge #1)	$ 95,150	No	By shortening the span length and using shallower beams, the endrolls fall within the limits of the creek banks. This does not meet our requirements that the endrolls need to fall a minimum of 10 feet outside the creek banks.
RD-17	Reduce the minimum right of way width from 200' to 150'	$ 224,532	Yes	
RD-20	Improve the SR 380 / CR 363 intersection to include left turn bays on SR 380	$ (99,901)	Yes	
Total Savings		$ 1,135,925		

If any further assistance is needed, please contact Foster C. Grimes at (478) 552-4643.

FCG

PRECONSTRUCTION STATUS REPORT FOR PI:0001939

MONTICELLO NE BYPASS FM SR 16 TO SR 83

PROJ ID :	0001939					**MGMT LET DATE :**	12/15/2012
COUNTY :	Jasper					**MGMT ROW DATE :**	08/15/2010
LENGTH (MI) :	3.28	**MPO:**	Not Urban	**DOT DIST:**	2		
PROJ NO.:	STP00-0001-00(939)	**TIP #:**		**CONG. DIST:**	8	**SCHED LET DATE :**	1/9/2013
PROJ MGR:	Grimes, Foster	**MODEL YR :**		**BIKE:**	N	**WHO LETS?:**	Prepare Plans for Shelf
OFFICE :	District 2	**TYPE WORK:**	Roadway Project	**MEASURE:**	E	**LET WITH :**	
CONSULTANT:	No Consultant, GDOT In-House Design	**CONCEPT:**	NL 2R	**NEEDS SCORE:**	4		
SPONSOR :	GDOT	**PROG TYPE:**	New Construction	**BRIDGE SUFF:**			
DESIGN FIRM:		**Prov. for ITS:**	N				
		BOND PROJ :					

SCHED START	*SCHED FINISH*	*ACTIVITY*	*ACTUAL START*	*ACTUAL FINISH*	%
		Concept Development	12/4/2000	6/29/2003	100
		Concept Meeting	1/3/2001	1/3/2001	100
		PM Submit Concept Report	9/29/2003	11/2/2003	100
		Receive Preconstruction Concept Approval	5/17/2001	5/30/2001	100
		Management Concept Approval Complete	**5/30/2001**	**5/30/2001**	**100**
	5/19/2009	Value Engineering Study	1/5/2009		81
		Public Information Open House Held	1/24/2002	1/24/2002	100
	3/25/2010	**Environmental Approval**	**2/26/2006**		11
		Mapping	3/18/1998	4/1/1998	100
		Field Surveys/SDE	10/27/2003	11/21/2003	100
	2/25/2010	**Preliminary Plans**	**11/5/2002**		71
		Preliminary Bridge Design	5/3/2006	11/9/2006	100
		Underground Storage Tanks	2/15/2008	6/19/2008	100
5/8/2009	7/23/2009	404 Permit Obtainment			0
4/16/2010	4/19/2010	PFPR Inspection			0
4/20/2010	7/12/2010	R/W Plans Preparation			0
7/13/2010	**8/13/2010**	**R/W Plans Final Approval**			**0**
		L & D Approval	5/30/2001	6/1/2001	100
8/16/2010	11/13/2012	R/W Acquisition			0
1/20/2011	2/2/2011	Stake R/W			0
		Soil Survey	6/26/2006	8/7/2008	100
		Bridge Foundation Investigation	10/17/2007	10/15/2008	100
5/25/2010	**2/6/2012**	**Final Design**			0
7/16/2010	4/21/2011	Final Bridge Plans Preparation			0
5/29/2012	5/30/2012	FFPR Inspection			0
6/13/2012	6/26/2012	Submit FFPR Responses(OES)			0

PROGRAMMED FUNDS

Phase	Approved	Proposed	Cost	Fund	Status	Date Auth
PE	2004	2004	654,000.00	Q25	AUTHORIZED	12/15/2003
ROW	2008	2010	3,123,287.20	L250	PRECST	
CST	2011	2018	18,795,815.10	L250	PRECST	

PE Cost Est Amt:		Date:	
ROW Cost Est Amt:	2,728,000.00	Date:	3/26/2008
CST Cost Est Amt:	11,539,000.00	Date:	4/16/2008

STIP AMOUNTS

Phase	Cost	Fund
PE		Q25
ROW	2,728,000.00	L250
CST	13,158,000.00	L250

PDD:	DEC00 LR. Move RW to 05, CST to 06 per Comm. 10/14/03. Commish wants RW=05, CST=05 or 06. 10/16/03.
Bridge:	RAG 04/02/09
Design:	(RT) Need APD-EC-UTL
EIS:	EA/NotApvd/not onSched. for August 09/R/WUpdated/3-18-09(JK)
LGPA:	NOTIFICATION LETTER SENT TO JASPER 11-2-05.
Prog. Develop:	RW STIP AMENDMENT #22 3-07
Programming:	SOME PE WAS DONE UNDER MLP-943 (1) PI#245040-.
Traffic Op:	AWAITING CNSLT PFPR PLANS FOR REVIEW $+*
Utility:	(JW) Need REV 1STSUB 4/4 UTL/CITY REQ UTL AID 4/3/2009.
EMG:	1527M (H85(94)-W/V29) ; REFLOWN 3-19-01

District Comments

9/14/01 Co advs RW is deeded back 8-17-01; advd to beg env apprv 10/7/02 Req to OEL for Spec Studies by TO 10/10/02 Layouts to Davino 10/23/02 Only hist is RR, need AE 10/25/02 Minor work remains for hist & arch; more extensive work required for ecol 5/4/04 Sponsor:Dist; very much needed 2/23/06 Plans to OEL for Spec Studies 2/26/08 Need ecol & brg layouts

April Mtg Notes: Need Env Task Order for EA, Need final report from VE study

Prel. Parcel CT:	12	**Total Parcel in ROW System:**	**Cond. Filed:**	**Acquired by:**	DOT	***DEEDS CT:***	
Under Review:		**Options - Pending:**	**Relocations:**	**Acquisition MGR:**			
Released:		**Condemnations- Pend:**	**Acquired:**	**R/W Cert Date:**			

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	STP00-0001-00(939)	1	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

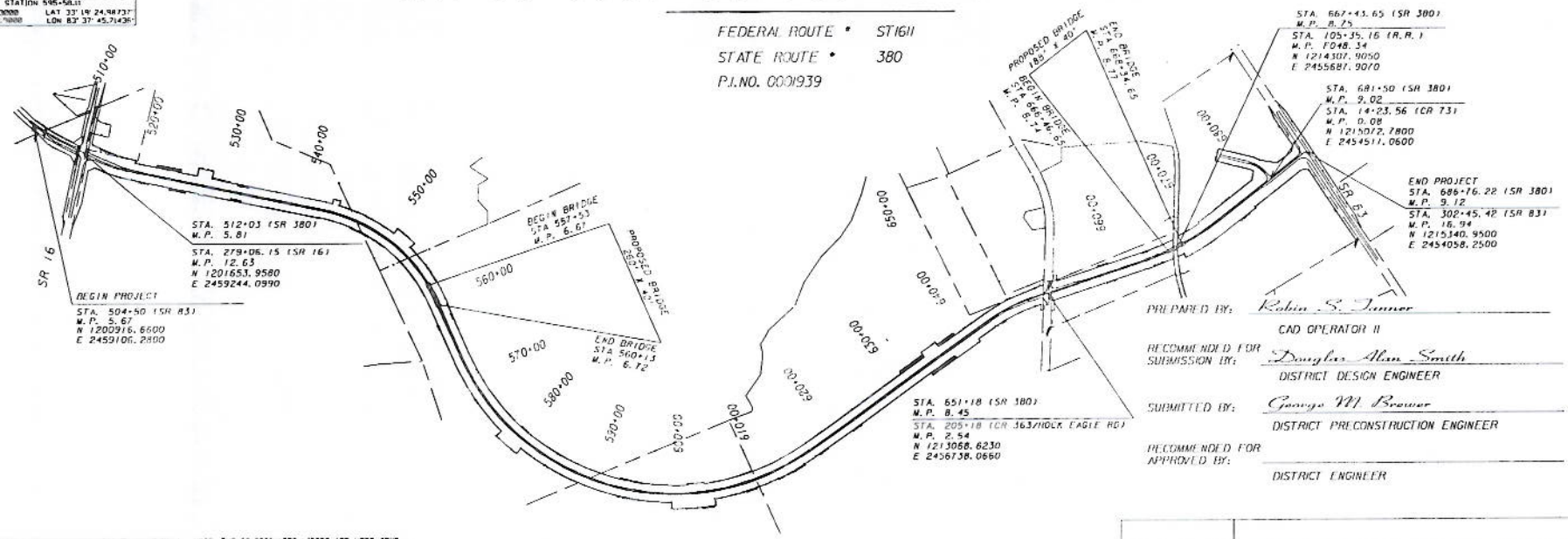
NOTE: ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA", "STATE HIGHWAY DEPARTMENT", "GEORGIA STATE HIGHWAY DEPARTMENT", "HIGHWAY DEPARTMENT", OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.

PLAN AND PROFILE OF PROPOSED
MONTICELLO NORTH EAST BYPASS FROM STATE ROUTE 16 TO STATE ROUTE 83
FEDERAL AID PROJECT
STP00-0001-00(939) JASPER COUNTY

LOCATION SKETCH

MIDPOINT COORDINATE
STATION 595+50.11
N 1289371.3000 LAT 33° 19' 24.98737"
E 2468702.9000 LON 83° 37' 45.71436"

FEDERAL ROUTE • ST1611
STATE ROUTE • 380
P.I.NO. 0001939



PREPARED BY: Robin S. Turner
CAD OPERATOR II

RECOMMENDED FOR SUBMISSION BY: Douglas Alan Smith
DISTRICT DESIGN ENGINEER

SUBMITTED BY: George M. Brewer
DISTRICT PRECONSTRUCTION ENGINEER

RECOMMENDED FOR APPROVED BY:
DISTRICT ENGINEER

DATE CHIEF ENGINEER

PLANS COMPLETED
REVISIONS

LENGTH OF PROJECT	COUNTY NO. 259
	MILES
NET LENGTH OF ROADWAY	3.265
NET LENGTH OF BRIDGES	0.185
NET LENGTH OF PROJECT	3.450
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	3.450

NOTE: THE CO-ORDINATES LISTED ARE WEST ZONE GRID CO-ORDINATES BASED ON THE GA. STATE PLANE CO-ORDINATE SYSTEM OF IMPERIAL UNITS.
HORIZONTAL DATUM : NAD 83/HARN '94
VERTICAL DATUM : NAVD 1929

THIS PROJECT IS LOCATED 100% IN JASPER COUNTY AND CONGRESSIONAL DISTRICT 8th.

PROJECT DESIGNATION : EXEMPT
POP CLASSIFICATION : MAJOR
FUNCTIONAL CLASSIFICATION : RURAL MINOR ARTERIAL

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREON, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

DESIGN DATA:		
TRAFFIC A.D.T.:	2010	(1,700)
TRAFFIC A.D.T.:	2030	(2,000)
TRAFFIC D.H.V.:	2030	(200)
DIRECTIONAL DIST.:	50%	
% TRUCKS:	5%	
% 24 HR. TRUCKS:	8%	
% S.U.:	5%	
% COMB:	3%	
SPEED DESIGN:	55 MPH	

SCALE IN FEET
0 600 1200 2400

3/17/2007

DRAWING No. 1-01

STP00-0001-00(939) JASPER COUNTY