

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-0001-00(939) Jasper County **OFFICE** Preconstruction  
P.I. No. 0001939 **DATE** May 30, 2001

**FROM** *C. Wayne Flutto*  
C. Wayne Flutto, Assistant Director of Preconstruction

**TO** *FW* SEE DISTRIBUTION

**SUBJECT** PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

**DISTRIBUTION:**

Tom Turner  
David Mulling  
Harvey Keeper  
Jerry Hobbs  
Herman Griffin  
Michael Henry  
Marion Waters  
Marta Rosen  
Paul Liles  
Jimmy Chambers (ATTN: Ted Cashin)  
Mike Thomas

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** STP-0001-00(939) Jasper County **OFFICE** Preconstruction  
P.I. No. 0001939

**DATE** May 14, 2001

**FROM** *C. W. Hutto*  
C. Wayne Hutto, P.E., Assistant Director of Preconstruction

**TO** Frank L. Danchetz, P.E., Chief Engineer

**SUBJECT** PROJECT CONCEPT REPORT

This project comprises the Northeast Monticello Bypass (SR 380 Extension) from the intersection of SR 380 with SR 16 continuing northeasterly on new location to SR 83. The length of the proposed bypass is 3.279 miles. The major concern in downtown Monticello is the presence of trucks. One of the major sources of truck traffic in Monticello is the logging trucks bound for the Georgia Pacific Corporation plant located south of Monticello. Trucks traveling on SR 11, SR 16, SR 83, and SR 212 must now negotiate a minimum of two ninety degree turns going through downtown Monticello and continue on their route. This project, in conjunction with the existing SR 380 from SR 83 to SR 16, will provide an east bypass of Monticello. Base year traffic (2004) is 880 VPD and the design year (2024) traffic is 1,540 VPD.

The construction proposes two, 12' lanes with 8' rural shoulders (4' paved) on a variable 120' to 200' of proposed right-of-way. Bridges will be constructed over White Oak Creek, Unnamed Creek, and Norfolk Southern Railroad. Access will be by permit and the proposed speed design is 55 MPH. Traffic will be maintained on existing roads during construction.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing will be held; time saving procedures are not appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$5,514,000	\$4,500,000	2008	FY-08
Right-of-Way	\$ 229,000	\$1,000,000		
Utilities*	\$ 55,000	---		

\*LGPA to be sent.

Frank L. Danchetz

Page 2

STP-0001-00(939) Jasper

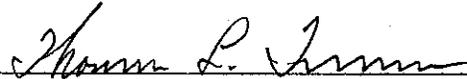
May 14, 2001

I recommend this project concept be approved.

CWH:JDQ/cj

Attachment

CONCUR



Thomas L. Turner, P.E., Director of Preconstruction

APPROVE



Frank L. Danchetz, P.E., Chief Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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INTERDEPARTMENTAL CORRESPONDENCE

**FILE:** STP-0001-00(939) Jasper  
P.I. Number 0001939-

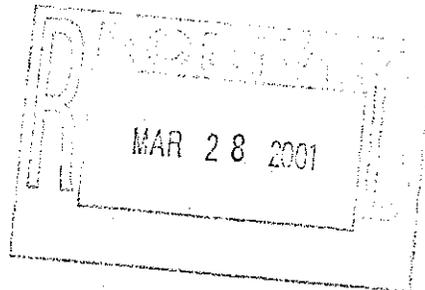
**OFFICE:** Engineering Services

**DATE:** March 27, 2001

**FROM:** *DM*  
David Mulling, Project Review Engineer

**TO:** Wayne Hutto, Assistant Director of Pre-construction

**SUBJECT: CONCEPT REPORT**



We have reviewed the concept report submitted March 20, 2001 by the letter from George Brewer dated March 19, 2001, and have the following comments:

1. The Need and Purpose Statement presented in the concept report does not adequately identify and describe problems or other needs justifying the proposed bypass. More information beyond "will provide for a true bypass for north and south bound traffic" is necessary. See Page 97, Appendix B, of the Plan Development Process for guidance. *(NEED & PURPOSE REVISED 5-14-2001)*

The costs for the project are:

Construction	\$4,561,000
Inflation	\$ 452,000
E&C	\$ 501,000
Reimbursable Utilities	\$ 54,500
Right of Way	\$ 228,000

DTM

c: George Brewer – District 2 Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

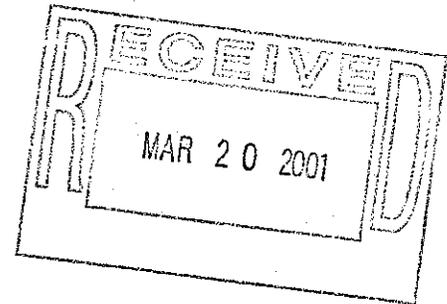
FILE STP-0001-00(939) Jasper County  
P.I. No. 0001939

OFFICE Tennille

DATE March 19, 2001

FROM *GMB* George M. Brewer, District Design Engineer

TO Wayne Hutto, P.E., Assistant Director of Preconstruction



SUBJECT **CONCEPT REPORT**

Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

If any further assistance is needed, please contact George Brewer at (478)552-4642.

GMB

cc: David Mulling  
Harvey Keepler  
Marion Waters  
Marta Rosen  
Herman Griffin  
Paul Liles

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT  
MONTICELLO BYPASS**

STP-0001-00(939)  
JASPER COUNTY

U.S. Route No.: None  
State Route No.: 83 BYPASS  
GaDOT P.I. No.: 0001939  
Federal Aid Route No.: ST1611

Date of Report: 3/16/01

**RECOMMENDATION FOR APPROVAL**

Date

State Transportation Planning Administrator

This project concept is contained in the Regional Transportation Improvement Program (RTIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the RTIP and/or the STIP.

Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

State Road & Airport Design Engineer

Date

District Engineer/Tennille

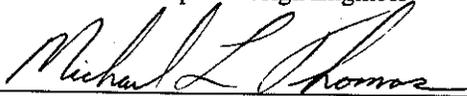
Date

Project Review Engineer

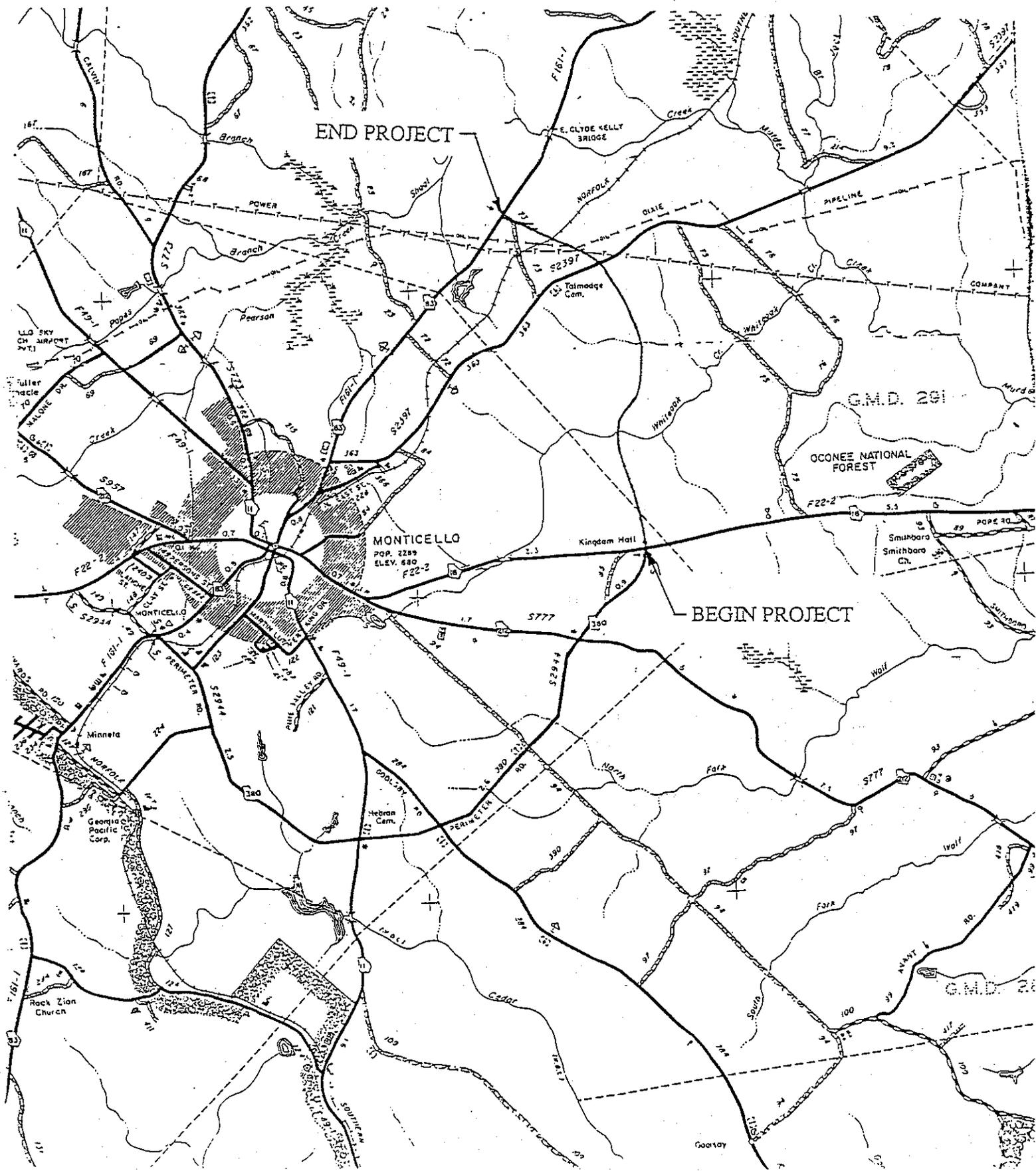
Date

State Traffic Operations Engineer

3-16-01



**STP-0001-00(939)**



## PROJECT CONCEPT REPORT

**PROJECT NUMBER:** STP-0001-00(939) Jasper County

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### PROJECT LOCATION AND DESCRIPTION

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This project consists of the construction of the Monticello Bypass in Jasper County. The bypass begins at the intersection of SR 380 with SR 16 and extends to the north and then east to SR 83. There are three proposed bridges on the project. The total project length is 3.279 miles.

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### TRAFFIC

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	CURRENT		PROJECTED	
	YEAR	AADT	YEAR	AADT
SR 83 Bypass	2004	880	2024	1540

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#### PDP CLASSIFICATION

#### FUNCTIONAL CLASSIFICATION

~~Minor~~  
MAJOR on new alignment

Rural Minor Arterial

FOS ( )

EXEMPT (X)

N/A ( )

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### NEED AND PURPOSE

This project proposes to construct a connector road from the intersection of SR 16 and SR 380 northwesterly on new location to intersect SR 83. The total distance would be 3.279 miles. This proposed roadway construction would be an extension of SR 380.

The proposed construction would include a bridge over White Oak Creek and a bridge over a small tributary to White Oak Creek. Also, a grade separation structure will be required at the crossing of the Norfolk Southern Railroad.

Extending the current bypass (SR 380) from the SR 16/SR380 intersection to intersect with SR 83 north of Monticello will provide for a true bypass for north and south bound traffic.

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*NEED & PURPOSE REVISED 5-14-2001 => SEE ATTACHMENT "A"*

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**EXISTING ROADWAY**

<b>TYPICAL SECTION:</b>	none	<b>RIGHT-OF-WAY WIDTH:</b> none
<b>POSTED SPEED</b>	<b>MAXIMUM DEGREE OF CURVE</b>	<b>MAX. GRADE</b>
N/A	N/A	N/A

**MAJOR STRUCTURES**

<b>FEATURES INTERSECTED/TYPE</b>	<b>WIDTH</b>	<b>HEIGHT</b>	<b>SUFF. RATING</b>
None			

**HAZARD INDEX:** There existing hazard index is 0.0.

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**PROPOSED ROADWAY**


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**TYPICAL SECTION:**  
2-12' lanes with 8' shoulders (4' paved)

DESIGN SPEED	MAXIMUM DEGREE OF CURVE		MAX. GRADE	
	55 mph	ALLOWABLE	6°	ALLOWABLE
PROPOSED		3°	PROPOSED	6.5%

**PROPOSED MAJOR STRUCTURES**

FEATURES INTERSECTED/TYPE	LENGTH	WIDTH
Bridge over White Oak Creek	180'	38'
Bridge over Unnamed Creek	315'	38'
Bridge over Norfolk Southern Railroad	250'	38'

**PROPOSED RIGHT-OF-WAY**

RIGHT-OF-WAY WIDTH	PARCELS IMPACTED	DISPLACEMENTS
Varies 120' to 200'	8	0

**TYPE OF ACCESS CONTROL:** Permit

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**COORDINATION AND SCHEDULING**

**CONCEPT TEAM MEETING DATE:** January 3, 2001

**CONFORMS TO TIP/STIP?** Y X N \_\_\_

**MEETS LOGICAL TERMINI REQUIREMENTS?** Y X N \_\_\_

**P.A.R. MEETING:** Not required

**PERMITS REQUIRED:** 404

**LEVEL OF PUBLIC INVOLVEMENT:** Public Hearing

**TIME SAVING PROCEDURES APPROPRIATE:** Yes

**SCHEDULING CONSIDERATIONS:**

**TIME TO COMPLETE ENVIRONMENTAL:** 12 months

**TIME TO COMPLETE PRELIM. RD/RW PLANS:** 12 months

**TIME TO COMPLETE 404 PERMIT:** 12 months

**TIME TO COMPLETE FINAL CONSTR. PLANS:** 9 months

**TIME TO BUY RIGHTS-OF-WAY:** 18 months

**OTHER PROJECTS IN THE AREA:** STP-0000-00(423) Jasper

**LOCAL GOVERNMENT COMMITMENTS:** Jasper County will be requested to fund all reimbursable utility relocations.

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**MISCELLANEOUS**


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**TRAFFIC CONTROL DURING CONSTRUCTION:** N/A  
**LEVEL OF ENVIRONMENTAL ANALYSIS:** Categorical Exclusion  
**UNDERGROUND STORAGE TANKS:** None  
**HAZARDOUS WASTE SITES:** None

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**DESIGN VARIATIONS REQUESTED**

	YES	NO	UNDETERMINED
SUBST HORIZ ALIGNMENT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST ROADWAY WIDTH	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST SHOULDER WIDTH	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST VERTICAL GRADES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST CROSS SLOPES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST STOPPING SIGHT DIST	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST SUPERELEV RATES	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST HORIZONTAL CLEARANCE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST SPEED DESIGN	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST VERTICAL CLEARANCE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST BRIDGE WIDTH	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SUBST BR STRUCT CAPACITY	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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**ALTERNATIVES CONSIDERED**

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A. Construct the bypass beginning at the intersection of SR 380 and SR 16 and extending to the north on new location to the intersection of SR 83. Construct bridges over White Oak Creek, an unnamed stream, and Norfolk Southern Railroad.

B. No build.

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**ESTIMATED COST**

<b>CONSTRUCTION:</b>	\$4,560,715	<b>RIGHT-OF-WAY:</b>	\$228,965
<b>E &amp; C (10%):</b>	590,000	<b>ACQUIRED BY:</b>	DOT
<b>INFLATION:</b> (3 yrs @ 5% per yr)	<u>475,000</u>	<b>UTILITIES:</b>	* LGPA to be submitted
<b>TOTAL CONS'T COST:</b>	\$5,625,715		

\* The estimated total cost for reimbursable utilities is \$54,500. See attached utility cost estimate.

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**COMMENTS**

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The district recommends Alternate "A".

**ATTACHMENTS:** Cost Estimates, Typical Sections, Traffic Data, Pavement Design, Team Meeting Minutes, Right of Way Cost Breakdown Sheet, Utility Cost Estimate

**PREPARED BY:** George Brewer, District Design Engineer

Need and Purpose Statement  
STP-0001-00(939), Jasper County  
Monticello Bypass  
P.I. No. 0001939  
May 1, 2001

The proposed improvement would construct the S.R. 83 Connector, as a two-lane facility, from the intersection with SR 16 northwesterly to SR 83 for a distance of 3.279 miles. SR 380 currently bypasses the city of Monticello on the southern side of town, from SR 83 to SR 16, west to east. Extending the bypass to SR 83 on the northside of Monticello would provide a true bypass for north and south bound traffic.

Four state routes serve the city of Monticello: SR 11, SR 16, SR 83 and SR 212. All four of the state routes converge in downtown Monticello, which is built around a square. The four state routes skirt the square area, where the county courthouse is located. The major concern in downtown Monticello is the presence of trucks, especially the large number of logging trucks. Traffic traveling on SR 11, SR 16, SR 83, and SR 212 must now negotiate a minimum of two ninety degree turns going through downtown Monticello to continue on their route. On-street parking is located all around the square area, further aggravating the truck turning problem.

The 1999 traffic volumes along the four state routes around Monticello range from: 2,072 Average Annual Daily Traffic (AADT) on SR 11 south of town to 2462 on SR 11 north of town; 3,967 AADT on SR 16 west of town to 3,154 AADT on SR 16 east of town; 2,983 AADT on SR 212 west of town to 1,655 AADT on SR 212 east of town; and, 4,080 AADT on SR 83 south of town to 2,704 AADT north of town on SR 83. The current traffic volumes in downtown Monticello range from 3,300 AADT to 8,000 AADT. The 1999 AADT on SR 83 where it runs concurrent with SR 11, SR 16, and SR 212 is 8,000.

The four roadways, outside of town, are all currently operating with an acceptable Level of Service between "A" and "B". The projected (2018) volumes outside of town range from a low of 1,600 to a high of 3,300 with a continued acceptable LOS.

One of the major sources of truck traffic in Monticello is the logging trucks bound for the Georgia Pacific Corporation plant located south of Monticello. The plant can be accessed from SR 83, SR 11 or SR 380. Trucks traveling south, bound for the Georgia Pacific mill on SR 83, would be able to avoid the downtown area by utilizing the bypass. Georgia Pacific is the largest employer in Jasper County with plywood and panel divisions. Once the manufacturing process is complete, the trucks travel in all directions. The number of outbound trucks varies from day to day but average approximately 20 trucks per day.

The traffic projections for the SR 83 Connector for 2004 range from 800 Average Annual Daily Traffic (AADT) to 880 AADT. The 2024 projections range from 1,420 AADT to 1,440 AADT with seven- percent trucks.



543-1100 CONSTR OF BRIDGE - COMPLETE  
 543-1100 CONSTR OF BRIDGE - COMPLETE  
 543-1100 CONSTR OF RR BRIDGE - COMPLETE

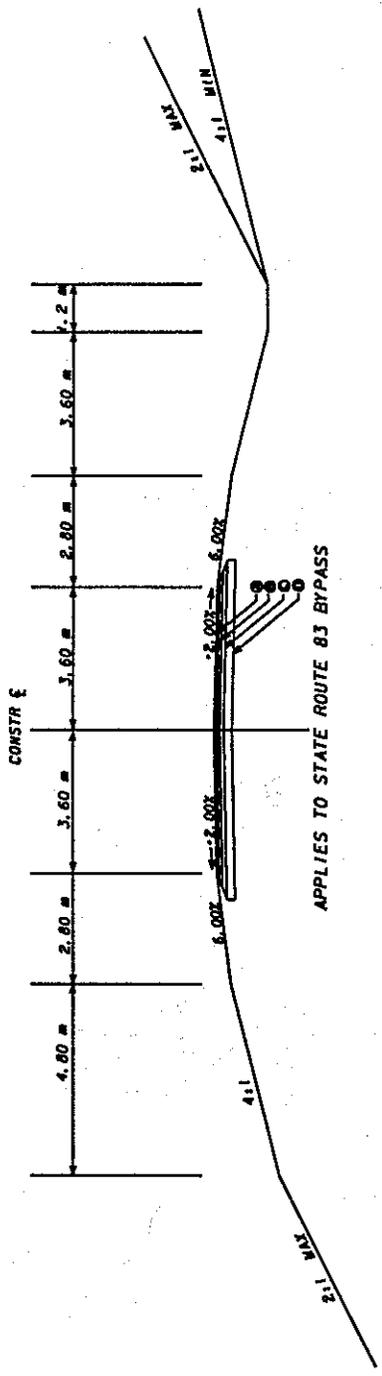
\*\*\* INFLATION & E&C \*\*\*  
 100-0001 INFLATION (5% PER FOR 2 YEARS)  
 100-0002 E&C (10%)

M2	430			\$309600.00
M2	430	720		\$495360.00
M2	430	1152		\$385280.00
		896		\$1190240.00
		Section SUB TOTAL		
LUMP	475000		LUMP	\$475000.00
LUMP	590000		LUMP	\$590000.00
		Section SUB TOTAL		\$1065000.00
		Total Project Cost		\$5625714.80

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-0001-001939	1	1



TYPICAL SECTION NO. 1



- REQUIRED PAVEMENT
- ① ASPHALTIC CONCRETE SUPERPAVE 9.5mm, 75 kg/m<sup>3</sup>
  - ② ASPHALTIC CONCRETE SUPERPAVE 9.5mm, 200 kg/m<sup>3</sup>
  - ③ ASPHALTIC CONCRETE SUPERPAVE 25mm, 240 kg/m<sup>3</sup>
  - ④ GRADED AGGREGATE BASE, 250 mm

ALLOWABLE RANGES TABLE

FOR THIS PROJECT, CROSS SLOPES SHALL BE RELATED TO "BEST FIT" EXISTING PROPOSED SURFES AND SUBJECT TO THE FOLLOWING LIMITS:

A. NORMAL CROWN

SECTION WITH SLOPES 0.7% OR SHALLTER SECTION WITH SLOPES 0.5% OR LESS

- 0-1000 mm : 0.2% MIN. - 0.5% MAX.
- 1000-2000 mm : 0.2% MIN. - 0.5% MAX.
- 2000-3000 mm : 0.2% MIN. - 0.5% MAX.

B. SUPERELEVATION RATE

S.E. SHALL BE FROM 0.7% TO 0.5% MAX. EXISTING IN FIELD

TRANSITION TO SHOULDER

MINIMUM

- 1:1000 0.5%
- 1:1000 0.5%
- 1:1000 0.5%

MAXIMUM

- 1:1000 0.5%
- 1:1000 0.5%
- 1:1000 0.5%

C. SUPERELEVATION TRANSITION LENGTH FROM FLAT TO FULL S.E.:

CONSTRUCTION DIFFERENCE IN CROSS SLOPE

MINIMUM

- 1:1000 0.5%
- 1:1000 0.5%
- 1:1000 0.5%

D. POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES

MINIMUM

- 1:1000 0.5%
- 1:1000 0.5%
- 1:1000 0.5%

CLASS "B" CONC. DETAIL

CASE 1 - 0.05 MOTHES ≤ 0.6 m

CASE 2 - 0.6 m < 1.5 m

CASE 3 - 1.5 m < 3.0 m

CLASS "B" CONCRETE

CLASS "B" CONCRETE

CONCRETE SHALL BE CLASS "B" CONCRETE AS DEFINED IN THE SPECIFICATIONS FOR CONCRETE AND SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR CONCRETE.

CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR CONCRETE.

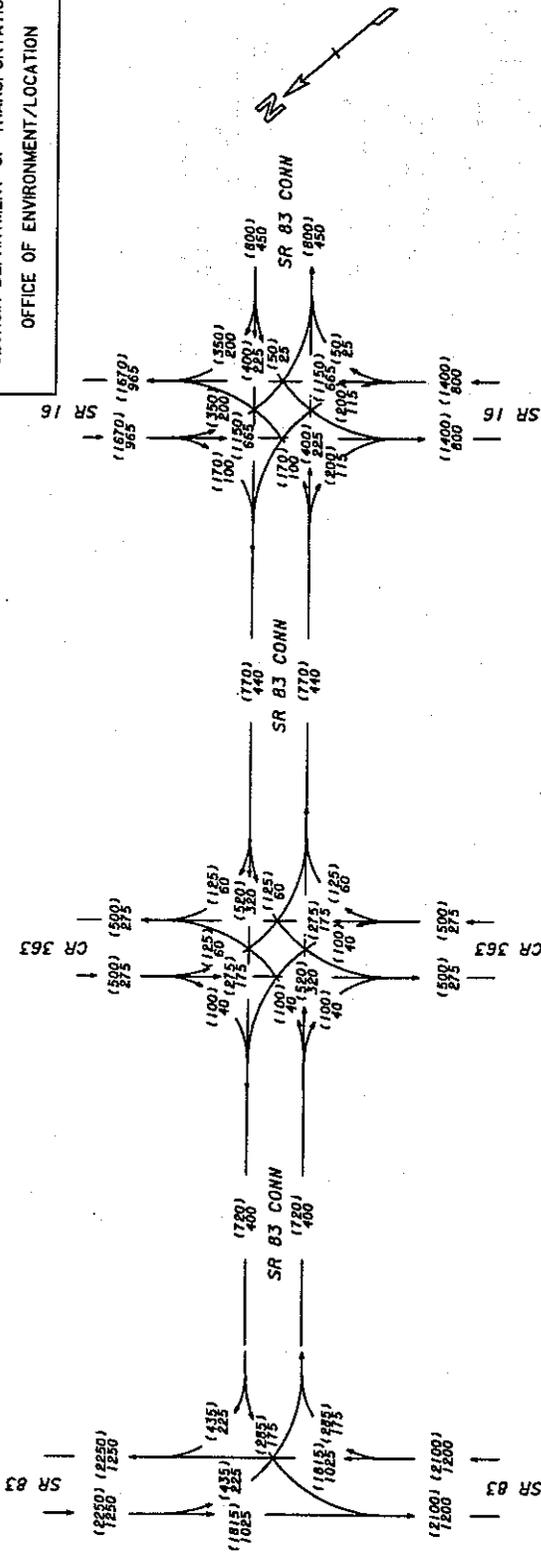
CONCRETE SHALL BE PLACED AND FINISHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR CONCRETE.

DATE		REVISIONS		DATE		REVISIONS	

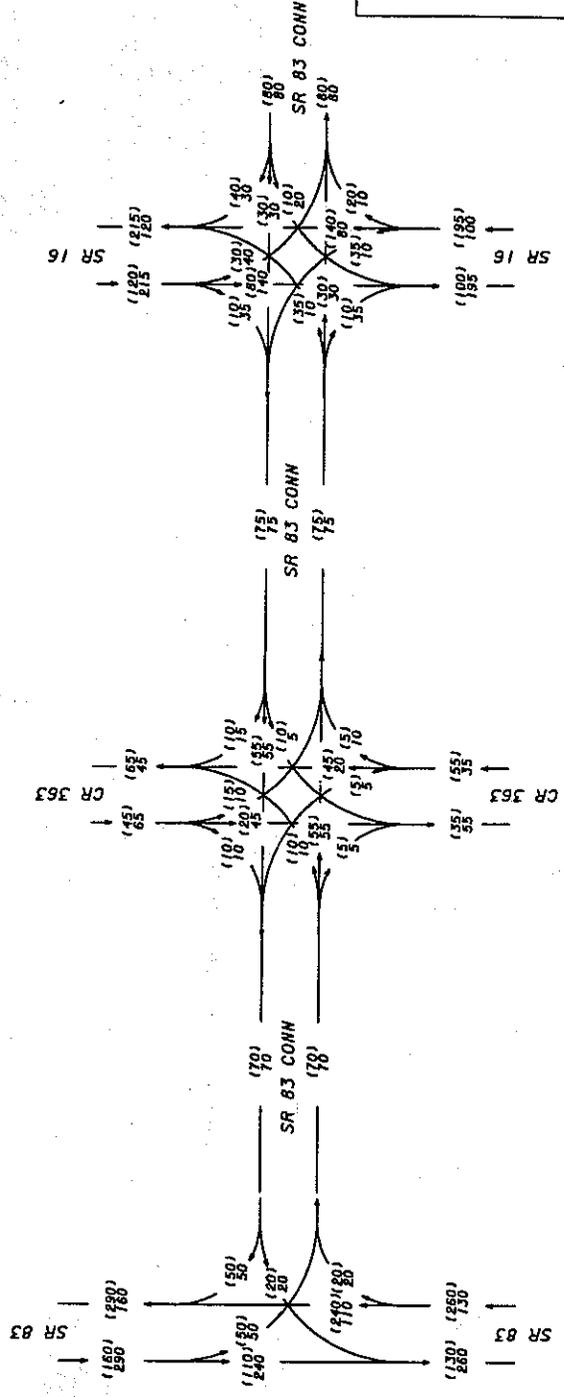
GEORGIA  
DEPARTMENT OF TRANSPORTATION  
TYPICAL SECTIONS  
PROJECT MLP-943111  
COUNTY JASPER

SHEET 1 OF 1

2004 ADT - 000  
2024 ADT - (000)



2024 AM DHV - 000  
2024 PM DHV - (000)



M.L.P. 943(1)  
P.L. 245040  
JASPER COUNTY  
SR 83 CONN  
T- 5X  
24 HR T- 7X  
S.V. 5.5X  
COMB- 3.5X

DRF 9/98

# FLEXIBLE PAVEMENT DESIGN ANALYSIS

Project: MLP-943(1)  
P.I. no.: 245040  
Description: MONTICELLO BYPASS

County: JASPER

**Traffic Data** (NOTE: AADTs are one-way)

24-hour Truck Percentage: 7.00%  
AADT initial year of design period: 440 vpd (2004)  
AADT final year of design period: 770 vpd (2024)  
Mean AADT (one-way): 605 vpd

**Design Loading**

Mean AADT	LDF	Trucks	18-K ESAL	=	Total Daily Loads
605 *	1.00 *	0.070 *	0.95	=	41

Total predicted design period loading = 41 \* 20 \* 365 = 299,300

**Design Data**

Terminal Serviceability Index: 2.50  
Soil Support: 3.00  
Regional Factor: 1.60

### PROPOSED FLEXIBLE PAVEMENT STRUCTURE

Material	Thickness mm	(in.)	Structural Coefficient	Structural Value
9.5 mm Superpave	35	(1.38)	0.0173	0.61
19 mm Superpave	50	(1.97)	0.0173	0.86
25 mm Superpave	29	(1.14)	0.0173	0.50
	71	(2.80)	0.0118	0.84
Graded Aggregate Base	250	(9.84)	0.0063	1.58
Required SN = 3.51			Proposed SN = 4.39	

>>> Proposed pavement is 25.0% Overdesign <<<

Remarks:

Prepared by George M. Brewer, District Design Engineer  
September 11, 2000  
Date

Recommended State Materials & Research Engineer Date

Approved District Engineer Date

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

FILE STP-0001-00(939) Jasper County  
P.I. No. 0001939

OFFICE Tennille

DATE January 3, 2001

FROM George M. Brewer, District Design Engineer

TO Files

SUBJECT **CONCEPT TEAM MEETING MINUTES**

A Concept Team Meeting was held January 3, 2001 at the Milledgeville Area Office on the above-mentioned project. The following were in attendance:

- George Brewer, District Design Engineer
- Cheryl Brewer, Asst. R/W Team Manager
- Christa McKinney, District Design Squad Leader
- Phillip Scarborough, District Environmentalist
- Jimmy Smith, District Traffic Operations Manager
- Bill Hudson, Area Engineer
- Bryan Haines, Asst. Area Engineer
- Sam Goolsby, Former Jasper County Commissioner
- Glenda White, Utility Engineer
- Susan Holmes, Mayor of Monticello
- Jim Crowe, Chairman of Jasper County Board of Commissioners
- Debbie Pennington, District Planning & Programming Engineer
- David Griffith, District Preconstruction Engineer

The Concept Team had the following comments:

1. David Griffith explained the history of the project and asked the representatives from Jasper County to deed back the right of way that was acquired for the original state aid project. Mr. Crowe agreed to take care of this as soon as possible.
2. Jimmy Smith asked if the project would require bike lanes and Debbie Pennington stated that she would investigate the possibility of bike lanes and let George Brewer know.
3. The typical section should be revised to reflect a 4' paved shoulder.

STP-0001-00(939) Jasper County  
Concept Team Meeting Minutes  
Page 2

4. Bill Hudson requested that the shoulders be paved under all guardrail.
5. Sam Goolsby asked about extending this road on around to SR 11 and Debbie Pennington said that proposal was currently being studied.
6. Glenda White furnished a list of utility owners in the area.
7. David Griffith stated that a public hearing will be required.
8. Phillip Scarborough stated that the type of environmental permit required will be determined after the special studies are received.

If any further assistance is needed, please contact George Brewer at (478)552-4642.

GMB

# RIGHT OF WAY COST BREAKDOWN SHEET

**PROJECT: MLP 943 (1)**

**P. I. No: 245040**

**No. of Parcels: 8**

**Project Description: MONTICELLO BY-PASS**

**Date: FEB. 13, 01**

<b>Land:</b>	<b>Agricultural @ \$750.00 to \$3,000.00 Per Acre 10 AC X \$2,000.00 (No Timber)</b>		<b>\$20,000.00</b>
	<b>Res./Agri. @ \$1000.00 to \$8,000.00 Per Acre 5 AC X \$5,500.00</b>		<b>\$27,500.00</b>
	<b>Timber @ \$900.00 to \$1,500.00 Per Acre 75 AC X \$1,000.00</b>		<b>\$75,000.00</b>
	<b>Total Acres to be acquired = Approx. 90 acres</b>		
<b>Improvements:</b>	<b>Single family residences</b>	<b>NONE</b>	<b>\$0.00</b>
	<b>Commercial buildings</b>	<b>NONE</b>	<b>\$0.00</b>
<b>Relocation:</b>	<b>residential @</b>	<b>NONE</b>	<b>\$0.00</b>
	<b>business @</b>	<b>NONE</b>	<b>\$0.00</b>
<b>Damages:</b>	<b>Proximity</b>	<b>NONE</b>	<b>\$0.00</b>
	<b>Wetland replacement</b>	<b>NONE</b>	<b>\$0.00</b>
	<b>Estimated Cost of Right of Way</b>		<b>\$122,500.00</b>
	<b>C/O Condemnation Increase &amp; Legal Cost (50% of R/W)</b>		<b>\$61,250.00</b>
	<b>Fee Appraisal Cost @ \$1,000.00 per Parcel</b>		<b>\$8,000.00</b>
	<b>Condemnation Cost (# par x 10% x \$5,500)</b>		<b>\$4,400.00</b>
	<b>Incidentals (# par x \$1,500)</b>		<b>\$12,000.00</b>
	<b>Net Cost</b>		<b>\$208,150.00</b>
	<b>Inflation (10% rural; 25% urban)</b>		<b>\$20,815.00</b>

<b>TOTAL COST</b>	<b>\$ 228,965.00</b>
<b>Prepared by: Joanna L. Douglass</b>	<b>Credit hours</b>
<b>Prepared by:</b>	<b>Credit hours</b>
<b>Reviewed by:</b>	<b>Title:</b>

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-0001-00(939) Jasper County  
P.I. No 0001939

**OFFICE** Tennille - Utilities

**DATE** March 12, 2001

**FROM** James F. Hobby, Jr., District Utilities Engineer, Tennille

**TO** David O. Griffith, District Preconstruction Engineer, Tennille  
**Attention: George Brewer**

**SUBJECT** Utility Cost Estimate –Monticello By-Pass

As requested, Alan Smith and Jimmy Hobby of this office has prepared a utility cost estimate on the above referenced project. Said estimate was based on a field inspection conducted on March 9, 2001. The following facilities were observed within the project limits.

Proposed By-Pass @ S.R. 16

Central Ga. EMC: 1 – three phase Aerial line - not reimbursable.  
BellSouth: fiber optic cable on the South of S.R. 16 - not reimbursable.  
BellSouth: 1 pole with a aerial drop - not reimbursable.

Proposed By-Pass @ C.R. 363

Central Ga EMC: Single phase aerial line on the south side of C.R. 363 – not reimbursable  
BellSouth: Buried fiber optic cable on the south side of C.R. 363 – not reimbursable  
Dixie Pipeline: Steel 8” propane gas line that crosses the proposed By-Pass - reimbursable  
Georgia Power – Transmission line with steel structures – may need to be adjusted for height clearance if profile grade is raised.

Proposed By-Pass @ S.R. 83

Central Ga EMC: 1 Phase Aerial (relocate 3 poles) – Reimbursable  
BellSouth: fiber optic southside of S.R. 83 – Non Reimbursable  
BellSouth: Aerial service on r/w – Non Reimbursable

Georgia Power owns a transmission line North of C.R. 363 that is composed of three high voltage lines and steel towers. This line is approximately 17.6 m above existing ground. The proposed concept is to raise this grade. Once this is done, the vertical clearance will be reduced to approx. 7.6 m, which should provide adequate vertical clearance. If the grade changes and encroaches on this crossing, the utility estimate will have to be revised.

There is also a privately owned water line that serves a cow pasture in this area. This should be handled through the Right of Way department.

The following provided additional information:

Chris Robertson – Dixie Pipeline - 404-379-0405

Below is a breakdown of facilities eligible for reimbursement:

**Central Georgia EMC**

Relocate 3 - distribution poles @ 1,500 ea. \$4,500.00

**Dixie Pipeline**

200 Lf – Steel 8” propane line & valve adjustment \$50,000.00

Actual conflicts will be determined as plans develop. Should you have any questions or need any additional information, please contact Alan Smith in the Utilities Office at 478-552-4637.

JFH:DAS

cc: Jeff Baker

Department of Transportation  
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

File: STP-0001-00(939)/Jasper County  
P.I. No. 001939

Office: Traffic Operations  
Atlanta, Georgia

Date: March 21, 2001

From:  W.G. Waters, III, P.E., State Traffic Operations Engineer

To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the above referenced concept report for the construction of the Monticello Bypass in Jasper County. The 3.279 mile project includes 3 bridges.

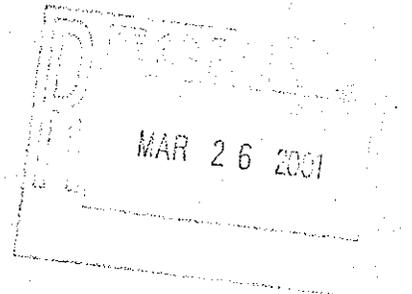
The proposed new location bypass will begin at the intersection of SR 380 and SR 16 and extend north to SR 83. The 2-lane bypass will be 24 feet wide with 8-foot shoulders (4-foot paved). The current ADT is 880 with a design year, 2024, ADT projected at 1540. The proposed widths on the 3 bridges are in accordance with MOG 4265-10 for this type of roadway.

We believe this concept will improve safety and traffic operations within this area, therefore find this report satisfactory for approval.

MGW/BM

Attachment (signature page)

Cc: Harvey Keepler, Environmental Location Office  
Mike Thomas, District Engineer-Tennille  
Attn: George Brewer, District Design Engineer  
Attn: Roger Price, District Traffic Engineer  
David Mulling, w/ attachment  
Marta Rosen, Planning Office  
Chuck Hasty, TMC  
Paul Liles, State Bridge Design Engineer  
General Files



DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT  
MONTICELLO BYPASS

STP-0001-00(939)  
JASPER COUNTY

U.S. Route No.: None  
State Route No.: 83 BYPASS  
GaDOT P.I. No.: 0001939  
Federal Aid Route No.: ST1611

Date of Report: 3/16/01

RECOMMENDATION FOR APPROVAL

Date

State Transportation Planning Administrator

This project concept is contained in the Regional Transportation Improvement Program (RTIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the RTIP and/or the STIP.

Date

State Transportation Programming Engineer

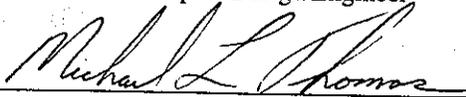
Date

State Environmental/Location Engineer

Date

State Road & Airport Design Engineer

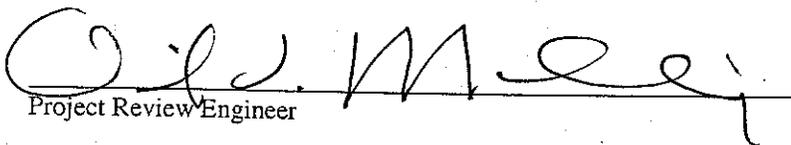
3-16-01



Date

District Engineer/Tennille

3/23/01



Date

Project Review Engineer

Date

State Traffic Operations Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT  
MONTICELLO BYPASS**

STP-0001-00(939)  
JASPER COUNTY

U.S. Route No.: None  
State Route No.: 83 BYPASS  
GaDOT P.I. No.: 0001939  
Federal Aid Route No.: ST1611

Date of Report: 3/16/01

RECOMMENDATION FOR APPROVAL

Date

State Transportation Planning Administrator

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Date

State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

State Road & Airport Design Engineer

3-16-01



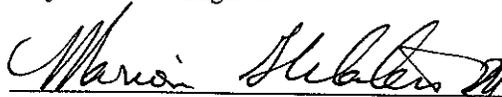
Date

District Engineer/Tennille

Date

Project Review Engineer

3-22-01



Date

State Traffic Operations Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-0001-00-(939)  
Jasper Co.

OFFICE Atlanta

P.I. No.: 0001939

DATE March 23, 2001

FROM   
Marta Rosen, State Transportation Planning Administrator

TO C. Wayne Hutto, Assistant Director of Preconstruction

SUBJECT Concept report - STP-0001-00-(939) - STIP Status

MAR 26 2001

PROJECT NUMBER/COUNTY: STP-0001-00-(939)/Jasper

P.I. NUMBER 00001939

This project is not shown in the STIP because the phase(s) PE, ROW and CST are outside the three (3) year range of the STIP. This project will be added to the STIP when appropriate.

  
STATE TRANSPORTATION PLANNING ADMINISTRATOR

MVR:ERS

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
PROJECT CONCEPT REPORT  
MONTICELLO BYPASS

STP-0001-00(939)  
JASPER COUNTY

U.S. Route No.: None  
State Route No.: 83 BYPASS  
GaDOT P.I. No.: 0001939  
Federal Aid Route No.: ST1611

Date of Report: 3/16/01

RECOMMENDATION FOR APPROVAL

Date

State Transportation Planning Administrator

This project concept is contained in the Regional Transportation Improvement Program (RTIP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the RTIP and/or the STIP.

3/21/01  
Date

*Henry J. Huff*  
State Transportation Programming Engineer

Date

State Environmental/Location Engineer

Date

State Road & Airport Design Engineer

3-16-01  
Date

*Michael L. Romie*  
District Engineer/Tennille

Date

Project Review Engineer

Date

State Traffic Operations Engineer

