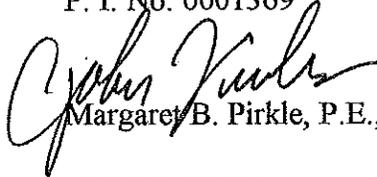


D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(369) Clay County **OFFICE** Preconstruction
P. I. No. 0001369 **DATE** January 22, 2003

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

David Mulling
Harvey Keeper
Jerry Hobbs
Percy Middlebrooks
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Ben Buchan
David Crim
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(369) Clay County **OFFICE** Preconstruction
P.I. No. 0001369 **DATE** January 10, 2003
FROM Margaret B. Pirkle, P.E., Assistant Director of Preconstruction
TO Frank L. Danchetz, P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 76 over Drag Nasty Creek, 9.0 miles north of Fort Gaines, Georgia. The existing bridge, constructed in 1958, is load limited with a sufficiency rating of 47. County Road 76 at this location is a rural two lane roadway with 9' travel lanes with rural shoulders. Traffic is projected to be 200 VPD and 300 VPD in the years 2008 and 2028 respectively. The posted speed and the design speed are 55 MPH.

The construction proposes to construct a new 120' x 28' concrete bridge over Drag Nasty Creek at the existing bridge site. The approaches will consist of two, 11' lanes with 5' rural shoulders. The existing roadway will be closed during construction. Clay County is responsible for the signing and maintenance of detour routes.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing is not required; time saving procedures are 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)	\$582,000	\$582,000	2005	FY-05
Right-of-Way & Utilities*	Local	Local		

*Clay County signed LGPA on 10-15-02 for right-of-way, utilities and detours.

Frank L. Danchetz

Page 2

BR-0001-00(369) Clay

January 10, 2003

This project is in the STIP. I recommend this project concept be approved.

MBP: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

INTERDEPARTMENTAL CORRESPONDENCE

FILE: BR-001-00(369), Clay
P.I. Number 0001369

OFFICE: Engineering Services

DATE: December 20, 2002

FROM: David Mulling, Project Review Engineer *REW*

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: CONCEPT REPORT —



We have reviewed the concept report submitted December 10, 2002 by the letter from Jeff Bridges dated December 10, 2002, and have the following comments:

- Estimated costs for reimbursable utilities were not provided.

The costs for the project are:

Construction	\$503,300
Inflation	\$27,681
E&C	\$50,330
Reimbursable Utilities	\$ LGPA signed on 10/15/02
Right of Way	\$ LGPA signed on 10/15/02

REW

c: Jeff Bridges

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 - Tifton, Ga.

Project Number: BR-0001-00(369)

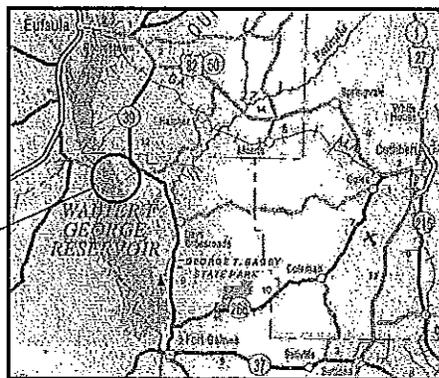
County: Clay

P. I. Number: 0001369

Project Concept Report

Federal Route Number: N/A

State Route Number: N/A



Project Location

Bridge Replacement: CR 76 @ Drag Nasty Creek

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bing
Project Manager
[Signature]
District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: ²⁰ 12-20-02

David J. Muller
Project Review Engineer

DATE: _____

State Bridge Design Engineer

SCORING RESULTS AS PER MOG 2440-2

Project Number: BR-0001-00(369)		County: Clay		PI No.: 0001369	
Report Date: December 10, 2002		Concept By: DOT Office: District 4 Design			
<input checked="" type="checkbox"/> Concept Stage		Consultant: N/A			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input checked="" type="checkbox"/> Bridge Replacement <input type="checkbox"/> Building <input type="checkbox"/> Interchange Reconstruction <input type="checkbox"/> Intersection Improvement <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	90	Costs for Reimbursable Utilities should be included for informational purposes.			
Judgement					
Environmental					
Right of Way					
Utility					
Constructability					
Schedule					

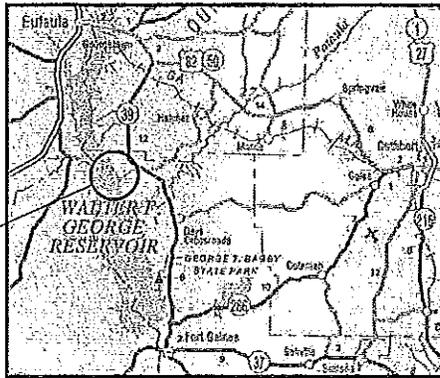
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 – Tifton, Ga.

Project Number: BR-0001-00(369)
County: Clay
P. I. Number: 0001369

Project Concept Report

Federal Route Number: N/A
State Route Number: N/A

Project Location



Bridge Replacement: CR 76 @ Drag Nasty Creek

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bing
Project Manager
[Signature]
District Engineer

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

DATE: 12-20-02

Martin Rosen
State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

District 4 - Tifton, Ga.

Project Number: BR-0001-00(369)

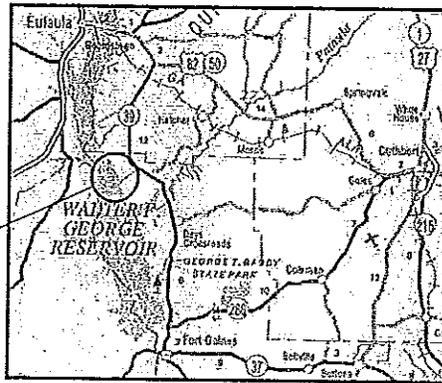
County: Clay

P. I. Number: 0001369

Project Concept Report

Federal Route Number: N/A

State Route Number: N/A



Project Location

Bridge Replacement: CR 76 @ Drag Nasty Creek

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bing
Project Manager
[Signature]
District Engineer

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

DATE: _____

State Transportation Planning Administrator
[Signature]
Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer

DATE: _____

Department of Transportation
State of Georgia

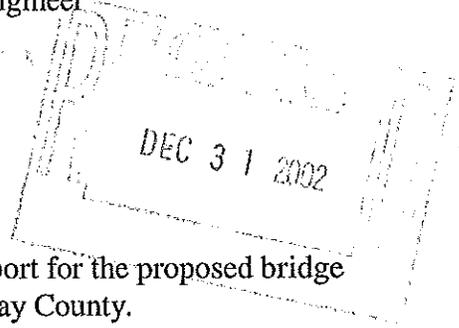
INTERDEPARTMENTAL CORRESPONDENCE

File: BR – 0001-00(369) / Clay County
P.I. No. 0001369

Office: Traffic Safety & Design
Atlanta, Georgia
Date: December 18, 2002

PMA/HC
From: Phillip M. Allen, State Traffic Safety and Design Engineer
To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the proposed bridge replacement on CR 76 over Drag Nasty Creek in Clay County.

The Office of Traffic Safety & Design finds this report satisfactory for approval because it will improve safety and traffic operations within this area.

PMA/sz

Attachment (signature page)

Cc: Harvey Keeper, State Environment/Location Engineer
David Crim, District Engineer
Attention: Jeff Bridges, District Design Engineer
David Mulling, State Review Engineer, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Paul Liles, State Bridge & Structural Design Engineer
Chuck Hasty, TMC
General Files
Office Files

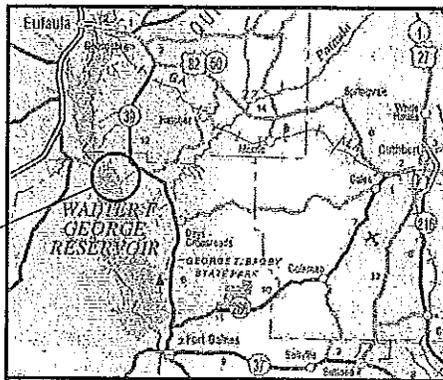
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 - Tifton, Ga.

Project Number: BR-0001-00(369)
County: Clay
P. I. Number: 0001369

Project Concept Report

Federal Route Number: N/A
State Route Number: N/A

Project Location



Bridge Replacement: CR 76 @ Drag Nasty Creek

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bing
Project Manager
[Signature]
District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: 12-18-02

Phillip M. Allen
State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE BR-0001-00(369), Clay County
P.I. No. 0001369

OFFICE Tifton, GA

DATE December 10, 2002

DEC 12 2002

FROM Jeff Bridges, ^{JB}District Design Engineer

TO Meg Pirkle, Assistant Director of Preconstruction

SUBJECT **Project Concept Report**

Attached is the Concept Report on the above project for your further handling.

If you have any questions please contact Jeff Bridges at (229) 386-3618.

HJB;jb

Attachments

Cc:

Marta Rosen, State Transportation Planning Administrator
Herman Griffin, Financial Management Administrator
Harvey Keeper, State Environmental/Location Engineer
Phillip Allen, State Traffic Safety and Design Engineer
David Mulling, Project Review Engineer
Paul Liles, State Bridge Design Engineer

File

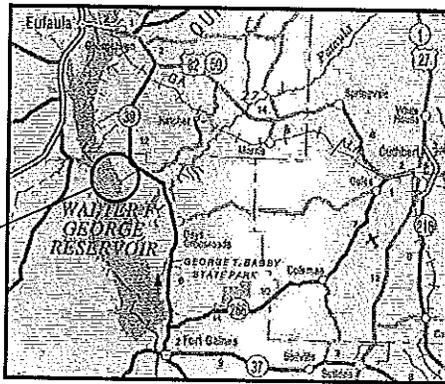
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 – Tifton, Ga.

Project Number: BR-0001-00(369)
County: Clay
P. I. Number: 0001369

Project Concept Report

Federal Route Number: N/A
State Route Number: N/A

Project Location



Bridge Replacement: CR 76 @ Drag Nasty Creek

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bing
Project Manager
[Signature]
District Engineer

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

DATE: _____
DATE: _____
DATE: _____
DATE: _____
DATE: _____
DATE: _____

State Transportation Planning Administrator

Financial Management Administrator

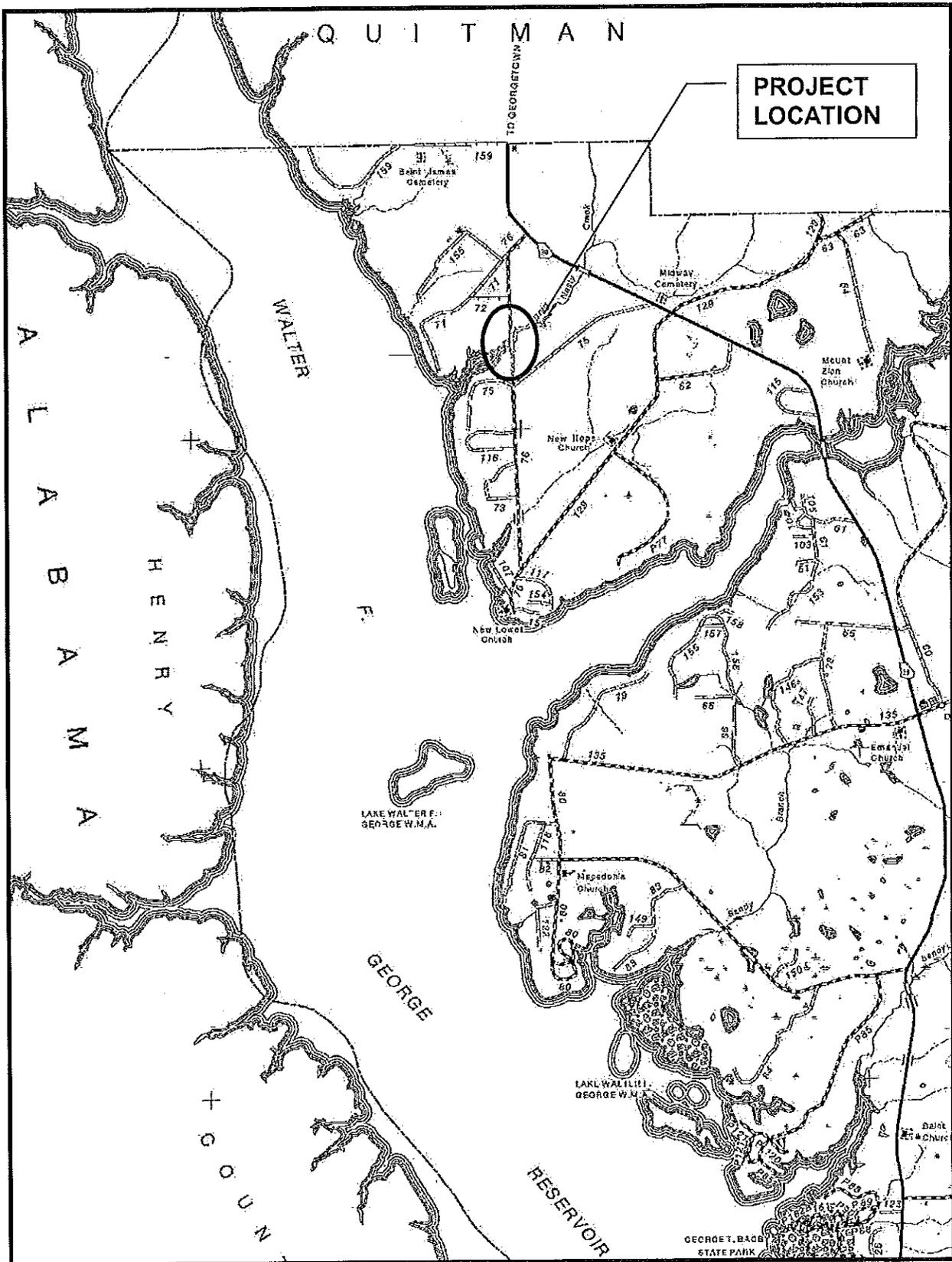
State Environmental/Location Engineer

State Traffic Safety and Design Engineer

Project Review Engineer

State Bridge Design Engineer

Project Concept Report Page: 2
Project Number: BR-0001-00(369)
P. I. Number: 0001369
County: Clay



Project Concept Report Page: 3
Project Number: BR-0001-00(369)
P. I. Number: 0001369
County: Clay

NEED AND PURPOSE
PROJECT BR-0001-00(369) CLAY COUNTY
PI No. 0001369
BRIDGE REPLACEMENT

This project will replace the bridge on County Road (CR) 76 over Drag Nasty Creek, 9 miles north of Fort Gaines. This bridge has a sufficiency rating of 47.84 and a design live load of H-10. Section 2405-1 of the Manual of Guidance requires that any structure with a sufficiency rating less than 50 and design live load less than HS-20 shall be replaced rather than improved.

CR 76 in the area of the bridge is a two-lane roadway classified as a rural minor collector with 18 feet of pavement and six-foot shoulders. CR 76 is not part of the Statewide Bicycle and Pedestrian Plan or any local bicycle and pedestrian adopted plan. The Average Daily Traffic (ADT) along this two-lane road is 150 in 2002, which represents a Level of Service "A". The ADT is expected to reach 200 by 2008 and 300 by 2028, which also represent a Level of Service "A". Current truck traffic accounts for 5% of the ADT.

This project is located in Census Tract 9601. This tract has a 64% minority population in comparison to Clay County's 61.6% minority population. Poverty level in 2000 for this tract is 38.5% compared to the county's 1997 poverty level of 32.3%. Land use in Tract 9601 is forestry and agricultural with single residences.

The Department has no other projects programmed in the area. This project will replace the existing bridge with a new bridge meeting the requirements of present design standards.

Description of the project:

This project will replace the structurally deficient bridge on CR 76 over Drag Nasty Creek with a new reinforced concrete bridge. This project is located in Clay County, 9 miles north of Fort Gaines, Ga., in the 7th Land District, Land Lot No. 360 & 385 and Ga. Militia District 749. The proposed project will be approximately 0.32 miles in length.

Is the project located in a Non-attainment area? Yes No

PDP Classification: Major , Minor

Federal Oversight: Full Oversight , Exempt , State Funded , or Others

Functional Classification: Rural Minor Collector

U. S. Route Number(s): N/A

State Route Number(s): N/A

Project Concept Report Page: 4
Project Number: BR-0001-00(369)
P. I. Number: 0001369
County: Clay

Traffic (AADT):

Current Year: (2008) 200

Design Year: (2028) 300

Existing Design Features:

- Typical Section: Two 9 ft travel lanes, 6 ft grass shoulders, open ditches.
- Posted Speed 55 mph Maximum degree curvature None
- Maximum Grade: 6 %
- Width of right of way: 100 ft.
- Major structures: 110' X 22' Concrete Bridge
- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment. Project begins at ML 1.84 and extends north approximately 0.32 miles to ML 2.16.

Proposed Design Features:

- Proposed typical section(s): Two 11 ft travel lanes, 5 ft grass shoulders, open ditches.
- Proposed Design Speed Mainline 55 mph
- Proposed Maximum grade Mainline 6 % Maximum grade allowable 7 %
- Proposed Maximum grade Side Street n/a % Maximum grade allowable n/a %
- Proposed Maximum grade driveway 10 %
- Proposed Maximum degree of curve None Maximum degree allowable 6°00'
- Right off way
 - ⇒ Width 120 ft.
 - ⇒ Easements: Temporary , Permanent , Utility , Others
 - ⇒ Type of access control: Full , Partial , By Permit , Others
 - ⇒ Number of parcels 3 Number of displacements:
 - ⇒ Business: 0
 - ⇒ Residents: 0
 - ⇒ Mobile homes: 0
 - ⇒ Others: 0
- Structures:
 - ⇒ Bridges: 120' X 28' Concrete Bridge
 - ⇒ Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Roadway to be closed during construction.

Project Concept Report Page: 5
Project Number: BR-0001-00(369)
P. I. Number: 0001369
County: Clay

• Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ROADWAY WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOULDER WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL GRADES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CROSS SLOPES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
STOPPING SITE DISTANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SUPERELEVATION RATES:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
HORIZONTAL CLEARANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPEED DESIGN:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VERTICAL CLEARANCE:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE WIDTH:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
BRIDGE STRUCTURAL CAPACITY:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

- Design Variances: None anticipated.
- Environmental concerns: Wetland impacts
- Level of environmental analysis:
 - ⇒ Are Time Saving Procedures appropriate? Yes , No
 - ⇒ Categorical Exclusion:
 - ⇒ Environmental Assessment/Finding of No Significant Impact (FONSI) , or
 - ⇒ Environmental Impact Statement (EIS) .
- Utility involvement: None

Project responsibilities:

- ⇒ Design, GDOT
- ⇒ Right of Way Acquisition, Clay Co.
- ⇒ Relocation of Utilities, Clay County, Utility Owners
- ⇒ Letting to contract, GDOT
- ⇒ Supervision of construction, GDOT
- ⇒ Providing material pits, n/a
- ⇒ Providing detours, Clay Co.

Coordination:

- Initial Concept Meeting Date _____
- Concept Meeting Date 10/29/2002
- P. A. R. Meeting Date _____
- Public involvement: None

6 December, 2002

State of Georgia
Department of Transportation

Project Concept Report Page: 6
Project Number: BR-0001-00(369)
P. I. Number: 0001369
County: Clay

- Local government comments: Possible proposed 6" water main in the future.
- Other projects in area: None
- Other coordination to date: None
- Railroads: None

Scheduling – Responsible Parties' Estimate

- Time to complete environmental process: 12 Months.
- Time to complete preliminary construction plans: 8 Months.
- Time to complete right of way plans: 4 Months.
- Time to complete the Section 404 Permit: 12 Months.
- Time to complete final construction plans: 8 Months.
- Time to complete to purchase right of way: 10 Months.
- List other major items that will affect the project schedule: N/A _____ Months.

Other alternates considered: A Concrete Bridge Culvert was considered. Due to the proximity of Lake Walter F. George, stream flow direction may vary which is not desirable for a culvert. The Hydrological Study should determine if a culvert can be used.

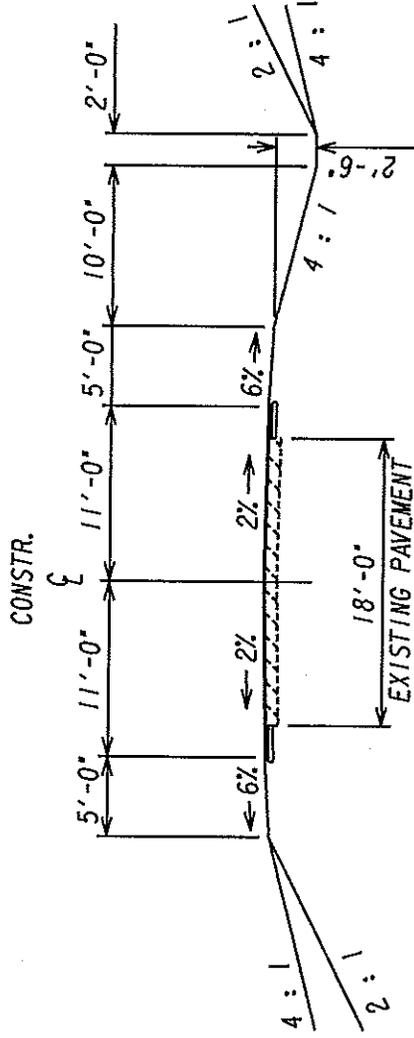
Comments:

Attachments:

1. Typical Section
2. Cost Estimates:
 - a) Construction including E&C,
 - b) Right of Way, and
 - c) Utilities.
3. Accident summaries
4. Traffic Assignments
5. Bridge inventory
6. Minutes of Initial Concept and Concept meetings
7. LGPA's
8. Location and Design Notice
9. Other items referred to in the body of the report

BR-0001-00(369)
 CLAY COUNTY
 PI NO. 0001369

TYPICAL SECTION



FULL-DEPTH SECTION

- 135 LBS/SY RECYCLED ASPHALT CONCRETE 9.5 mm SUPERPAVE
- 220 LBS/SY RECYCLED ASPHALT CONCRETE 19 mm SUPERPAVE
- 330 LBS/SY RECYCLED ASPHALT CONCRETE 25 mm SUPERPAVE

OVERLAY SECTION

- 135 LBS/SY RECYCLED ASPHALT CONCRETE 9.5 mm SUPERPAVE

BR-0001-00(369), Clay County - ESTIMATE SUMMARY

RIGHT OF WAY		\$	*	
REIMBURSABLE UTILITIES		\$	*	
CONSTRUCTION				
ROADWAY		\$	201,088.43	
TEMPORARY EROSION CONTROL		\$	38,418.34	
PERMANENT EROSION CONTROL		\$	5,558.94	
BRIDGE NO. 1		\$	258,232.61	
		\$		
<i>SUBTOTAL CONSTRUCTION COST</i>				\$ 503,298.31
E & C (10%)				\$ 50,329.83
INFLATION (5% PER YEAR)	NUMBER OF YEARS		1	\$ 27,681.41
<i>TOTAL CONSTRUCTION COST</i>				\$ 581,309.55
<i>GRAND TOTAL PROJECT COST</i>				\$ 581,309.55

* To be provided by Clay County per LGPA.

BR-0001-00(369), CLAY CO. - CONCEPT REPORT

ITEM =====	DESCRIPTION =====	UNITS =====	WT. AVG. =====	QUANTITY =====	COST =====
ROADWAY					
150-1000	TRAFFIC CONTROL	LS	5000	LUMP	\$5000.00
210-0100	GRADING COMPLETE - 5 acres C1 & Gr/9,200 cu yd Borrow	LS	100000	LUMP	\$100000.00
318-3000	AGGR SURF CRS	TN	16.043369495	100	\$1604.34
402-1812	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	TN	36.670127813	200	\$7334.03
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MA	TN	35.429168308	615	\$21788.94
402-3137	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, BLEND 1, INCL BITUM MAT	TN	38.515188873	280	\$10784.25
402-3190	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MA	TN	37.081888598	370	\$13720.30
413-1000	BITUM TACK COAT	GL	0.9086641410	375	\$340.75
433-1200	REINF CONC APPROACH SLAB, INCL SLOPED EDGE	SY	91.062066930	204	\$18576.66
441-0301	CONC SPILLWAY, TP 1	EA	1185.9042567	2	\$2371.81
500-3101	CLASS A CONCRETE	CY	358.17095865	1	\$358.17
576-1018	SLOPE DRAIN PIPE, 18 IN	LF	21.691024365	50	\$1084.55
634-1200	RIGHT OF WAY MARKER	EA	73.498485558	8	\$587.99
641-1100	GUARDRAIL, TP T	LF	51.696172118	84	\$4342.48
641-1200	GUARDRAIL, TP W	LF	9.7558011639	800	\$7804.64
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	435.09955538	2	\$870.20
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	1337.0457538	2	\$2674.09
657-1054	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, WHITE, TP PB	LF	3.6435079956	240	\$874.44
657-6054	PREFORMED PLASTIC SOLID PVMT MKG, 5 IN, YELLOW, TP PB	LF	4.0449650605	240	\$970.79
Section SUB TOTAL					\$201088.43
TEMPORARY EROSION CONTROL					
163-0230	TEMPORARY GRASSING	AC	27.378358809	2	\$54.76
163-0240	MULCH	TN	215.73125329	68	\$14669.73
163-0300	CONSTRUCTION EXIT	EA	1197.2809361	4	\$4789.12
163-0530	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	LF	1.7913477813	1000	\$1791.35
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	1.2898783955	1500	\$1934.82
165-0070	MAINTENANCE OF BALED STRAW EROSION CHECK	LF	1.2526760478	500	\$626.34
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	EA	293.00140540	4	\$1172.01
170-1000	FLOATING SILT RETENTION BARRIER	LF	9.5379837872	400	\$3815.19
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	3.1883447217	3000	\$9565.03
Section SUB TOTAL					\$38418.34
PERMANENT EROSION CONTROL					
700-6910	PERMANENT GRASSING - 4 Acres	AC	900.39509940	4	\$3601.58
700-7000	AGRICULTURAL LIME	TN	51.636872975	8	\$413.09
700-7010	LIQUID LIME	GL	24.692786324	10	\$246.93
700-8000	FERTILIZER MIXED GRADE	TN	237.03712521	3	\$711.11
700-8100	FERTILIZER NITROGEN CONTENT	LB	1.4655581381	400	\$586.22
Section SUB TOTAL					\$5558.94
BRIDGE NO. 1					
000-0000	120' X 28' BRIDGE - \$51/sq ft	LS	171360	LUMP	\$171360.00
540-1102	REMOVAL OF EXISTING BR, 110' X 22' - \$23.50/sq ft	LS	56870	LUMP	\$56870.00
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	40.258386830	700	\$28180.87
603-7000	PLASTIC FILTER FABRIC	SY	2.6024824999	700	\$1821.74
Section SUB TOTAL					\$258232.61
Total Construction Cost					\$503298.31

QUERY SUMMARY
For Year(s): 1996,1997,1998

Year	County	Route Type	Route Number	Beginning Milelog	Ending Milelog	No. Accidents	No. Vehicles	No. Injuries	No. Fatalities
1996	Clay	County Road	007600	1.80	2.20	0	0	0	0
1996 SubTotal						0	0	0	0
1997	Clay	County Road	007600	1.80	2.20	0	0	0	0
1997 SubTotal						0	0	0	0
1998	Clay	County Road	007600	1.80	2.20	0	0	0	0
1998 SubTotal						0	0	0	0
All Year(s) Total						0	0	0	0

BRIDGE INVENTORY DATA LISTING GEORGIA DEPARTMENT OF TRANSPORTATION

Structure ID: 061-5006-0

Clay

SUFF. RATING

47.84

Programming Data

201 Project No.: UNKNOWN
 202 Plans Available: 0
 249 Prop. Proj. No. BR-0001-00 (369)
 250 Approval Status: 0000
 251 P.I. No.: 0001369
 252 Contract Date: 02/01/2006
 260 Seismic No.: 00000
 75 Type Work: 31 1
 94 Bridge Imp. Cost: \$ 113
 95 Roadway Imp. Cost: \$ 47
 96 Total Imp Cost: \$ 193
 76 Imp. Length: 000321
 97 Imp. Year: 1990
 114 Future ADT: 000285 Year: 2019

Measurements

* 29 ADT: 000190 Year: 1999
 109 % Trucks: 4
 * 28 Lanes On: 02 Under: 00
 210 No. Tracks On: 00 Under: 00
 * 48 Max. Span Length: 0028
 * 49 Structure Length: 110
 51 Br. Rwdy. Width: 21.90
 52 Deck Width: 23.10
 * 47 Tot. Horz. Cl: 22.00
 50 Curb/Sdewlk Width: 0.00/0.00
 32 Approach Rwy Width: 018
 * 229 Shoulder Width:
 Rear Lt: 6.00 Type: 8 Rt: 6.00
 Fwd Lt: 6.00 Type: 8 Rt: 6.00
 Pavement Width:
 Rear: 18.00 Type: 2
 Fwd: 18.00 Type: 2
 Intersection Rear: 0 Fwd: 0
 36 Safety Features Br. Rail: 2
 Transition: 2
 App. G. Rail: 2
 App. Rail End: 2
 53 Minimum Cl. Over:
 Under: N
 * 228 Min. Vertical Cl
 Act. Odm Dir: 99 ' 99 "
 Opp. Dir: 99 ' 99 "
 Posted Odm. Dir: 00 ' 00 "
 Opp. Dir: 00 ' 00 "
 55 Lateral Undercl. Rt: N 99.90
 56 Lateral Undercl. Lt: 0.00
 * 10 Max Min Vert Cl: 99 ' 99 " Dir: 0
 39 Nav Vert Cl: 000 Horz: 0000
 116 Nav Vert Cl Closed: 000
 245 Deck Thickness Main: 6.00
 Deck Thick Approach: 0.00
 246 Overlay Thickness: 0.00
 212 Year Last Painted: Sup: 1958 Sub: 1958

Ratings

65 Inventory Rating Method: 2
 63 Inventory Rating Method: 2
 66 Inventory Type: 2 Rating: 16
 64 Operating Type: 2 Rating: 26
 231 Calculated Loads
 H-Modified: 10 1
 HS-Modified: 16 1
 Type 3: 13 1
 Type 3s2: 24 1
 Timber: 18 1
 Piggyback: 00 0
 261 H Inventory Rating: 10
 262 H Operating Rating: 16
 67 Structural Evaluation: 4
 58 Deck Condition: 6
 59 Superstructure Condition: 6
 * 227 Collision Damage: 0
 60A Substructure Condition: 5
 60B Scour Condition: 6
 60C Underwater Condition: 3
 71 Waterway Adequacy: 7
 61 Channel Protection Cond: 6
 68 Deck Geometry: 4
 69 UnderClr. Horz/Vert: N
 72 Appr. Alignment: 7
 62 Culvert: N

Hydraulic Data

215 Waterway Data
 Highway Elev.: 0000.0 Year: 1900
 Avg. Streambed Elev.: 0000.0 Freq.: 00
 Drainage Area: 00000
 Area Of Opening: 000000
 113 Scour Critical: 6
 216 Water Depth: 03.0 Br. Height: 13.9
 222 Slope Protection: 1
 221 Spur Dikes Rear: 0 Fwd: 0
 219 Fender System: 0
 220 Dolphin: 0
 223 Culvert Cover: 000
 Type: 0
 No. Barrels: 0
 Width: 0.00 Height: 0.00
 Length: 0 Apron: 0 Diver: WS
 * 265 U/W Insp. Area: 2

Posting Data

70 Bridge Posting Required: 0
 41 Struct Open, Posted, Cl: P
 * 103 Temporary Structure: 0
 232 Posted Load -Modified: 10
 HS-Modified: 16
 Type 3: 13
 Type3s2: 24
 Timber: 18
 Piggyback: 00
 253 Notification Date: 12/10/2001
 253 Fed Notify Date: 03/11/2002

BR-0001-00(369), Clay County
PI No. 0001369
Bridge Replacement: CR 76 @ Drag Nasty Creek

Minutes of Concept Meeting

A design concept meeting for the above project was held on Tuesday October 29th, 2002 at the GDOT District 4 assembly room.

The meeting began at 10:30 am with sign-in (see attached sheet), a review of the draft concept report, and then the following items were discussed:

- Joe Burns, District Environmentalist was not present but furnished an Environmental information sheet. The level of Environmental Analysis is expected to be a Categorical Exclusion with a USACOE 404 Nationwide 23 Permit. The letter states that wetland impacts are to be determined. The letter states that there are no underground storage tanks, hazardous waste tanks, churches, or cemeteries within the project limits. Surveys for Historical Sites, Archaeological Sites, and Endangered Species will be required.
- Danny Gay, District Traffic Operations advised that with the design width of the bridge it would have to be signed as a narrow bridge. He recommended tapering the proposed 11' lanes into the existing 9' lanes.
- Clay County Administrator Blake Proctor advised that the County is proposing a water system for the area. A possible 6" water main could be located along the roadway in the future.

There was no other discussion and the meeting was adjourned at 11:00 am.



Jeff Bridges
GDOT Project Manager



Department of Transportation

State of Georgia

#2 Capitol Square, S.W.

Atlanta, Georgia 30334-1002

December 8, 2000

J. TOM COLEMAN, JR.
COMMISSIONER
(404) 656-5206

FRANK L. DANCHETZ
CHIEF ENGINEER
(404) 656-5277

HAROLD E. LINNENKOHL
DEPUTY COMMISSIONER
(404) 656-5212

BILLY F. SHARP
TREASURER
(404) 656-5224

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, CLAY County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BR-0001-00(369) CLAY CO., PI # 0001369:

BRIDGES

CR 76 @ DRAG NASTY CREEK 9 MI N OF FORT GAINES

Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.

Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.

Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.

Furnish detours, local borrow & waste pits as needed.

We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.

This 15th day of October, 2002

APPROVED H. Blake Prater

City/County Official

NOTICE OF LOCATION AND DESIGN APPROVAL

**BR-0001-00(369), Clay County
PI No. 0001369**

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location approval is JANUARY 22, 2003.

This project will replace the structurally deficient bridge on CR 76 over Drag Nasty Creek with a new reinforced concrete bridge. This project is located in Clay County, 9 miles north of Fort Gaines, Ga., in the 7th Land District, Land Lot No. 360 & 385 and Ga. Militia District 749. The proposed project will be approximately 0.32 miles in length.

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:

Jim Nolan, Area Engineer
Rt. 1 Box 8, 511 N. Webster St.
Cuthbert, GA 39840
Jim.Nolan@dot.state.ga.us
(229) 732-3066

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:

Jeff Bridges, District Design Engineer
Georgia Department of Transportation
PO Box 7510
Tifton, GA 31793
Jeff.Bridges@dot.state.ga.us
(229) 386-3300

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.

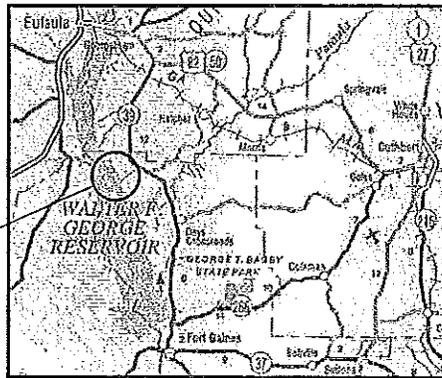
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 - Tifton, Ga.

Project Number: BR-0001-00(369)
County: Clay
P. I. Number: 0001369

Project Concept Report

Federal Route Number: N/A
State Route Number: N/A

Project Location



Bridge Replacement: CR 76 @ Drag Nasty Creek

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bing
Project Manager
[Signature]
District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

Financial Management Administrator

DATE: _____

State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: 12/15/02

Paul V. Kules Jr
State Bridge Design Engineer

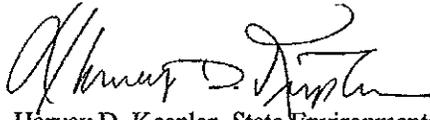
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: **P.I. No. 0001369**

OFFICE: Environment/Location

DATE: January 10, 2003

FROM: 
Harvey D. Keeper, State Environmental/Location Engineer

TO: Meg Pirkle, Assistant Director of Preconstruction

SUBJECT: **PROJECT CONCEPT REPORT**
BR-0001-00(369) -- CLAY COUNTY

The above subject concept report has been reviewed. Will require section 7 consultation for mussels, and will need to see if channel can be clear spanned. If usable, then formal section 7 is likely.

If you have any questions, please contact me at (404) 699-4401.

HDK/rtt

Attachment

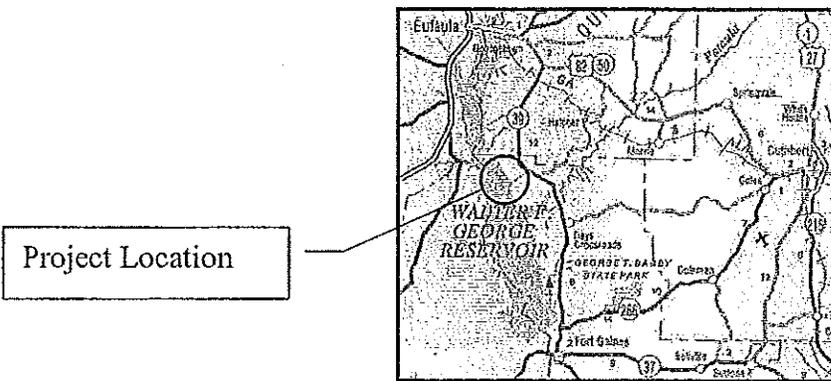
cc: David Mulling, P.E.
Jeff Bridges

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**
District 4 – Tifton, Ga.

Project Number: BR-0001-00(369)
County: Clay
P. I. Number: 0001369

Project Concept Report

Federal Route Number: N/A
State Route Number: N/A



Bridge Replacement: CR 76 @ Drag Nasty Creek

Recommended for approval:

DATE: 12/9/2002

DATE: 12/9/02

Jeff Bing
Project Manager

[Signature]
District Engineer

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

DATE: _____

State Transportation Planning Administrator

DATE: _____

DATE: 1/10/03

Financial Management Administrator

[Signature]
State Environmental/Location Engineer

DATE: _____

State Traffic Safety and Design Engineer

DATE: _____

Project Review Engineer

DATE: _____

State Bridge Design Engineer