

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 122060-, 122064, 122066-, Hall County **OFFICE** Preconstruction
STP00-0002-06(048), BRF00-0002-06(049) &
BRF00-0002-06(049)
SR 11/US 129 Widening from Limestone Parkway
To South of Nopone Road **DATE** September 12, 2008

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

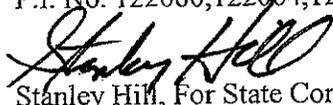
DISTRIBUTION:

Brian summers
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Russell McMurry
Robert Mahoney
Angela Alexander
Paul Liles
Stanley Hill
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-002-6(48), OFFICE Consultant Design
BRF-002-6(49), BRF-002-6(50) Hall County DATE July 24, 2008
SR 11/US 129 Widening from Limestone Pkwy to
South of Nopone Rd
P.I. No. 122060,122064,122066

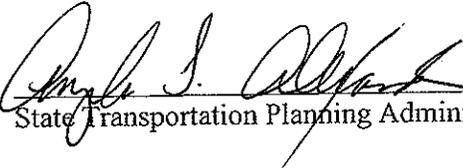

FROM: Stanley Hill, For State Consultant Design & Program Delivery Engineer
TO: Genetha Rice-Singleton, Assistant Director of Preconstruction
SUBJECT: **Revised Project Concept Report Approval**

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

The revisions include changing the typical section from the project's south terminus to the south end of East Fork Little River Bridge from a 44 foot grass median to a 20 foot raised median in order to reduce Right-of-Way impacts.

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

DATE 8/20/08


State Transportation Planning Administrator

Attachment

DISTRIBUTION:

Brian Summers, P.E., Project Review Engineer
Glenn Bowman, P.E., State Environmental/Location Engineer
Keith Golden, P.E., State Traffic Safety and Design Engineer
Angela T. Alexander, State Transportation Planning Administrator
Jamie Simpson, State Transportation Financial Management Administrator
Russell McMurry, P.E., District One Engineer
Paul V. Liles, Jr., P.E., State Bridge Design Engineer

REVISED CONCEPT REPORT

Need and Purpose: Gainesville/Hall County's transportation network consists of widely spaced radial routes with few lake crossings and limited inter-radial connectors. As a result, traffic is required to concentrate on these routes with little opportunity to disperse. The proposed improvement is a result of such condition. Serving the north central area of Hall County, SR 11 provides access to areas under increasing development pressure. In addition, SR 11 has and will continue to be a major travel route for Cleveland, Helen, Unicoi State Park, and Northeast Georgia in general. See attached Revised Need and Purpose.

Project location: 5.4 miles along proposed alignment in Hall County along US129/SR11 beginning from MP 13.11 and ending at MP 18.51 along current alignment. Discrepancy in project length between the milepost mileage and alignment mileage is based on offset of proposed centerline from current centerline of roadway and a portion of the project being on new location.

Description of the approved concept: The approved concept for STP-002-6(48) in Hall County is proposed to widen existing US129/SR11 Cleveland Hwy from Limestone Pkwy to 1500' south of Jim Hood/Nopone Road. The proposed typical section is four lanes divided by a 44 foot grassed median and outside rural shoulders. The current approved length of the project is approximately 5.4 miles. The project includes four new bridges, two over Chattahoochee River and two over East Fork Little River.

PDP Classification: Major X Minor _____

Federal Oversight: Full Oversight (), Exempt(X), State Funded(), or Other ()

Functional Classification: Urban Principal Arterial

U. S. Route Number(s): 129 **State Route Number(s):** 11

Traffic (AADT) as shown in the approved concept:

Current Year: 13700-21500 (2002) Design Year: 24000-36200 (2022)

Proposed features to be revised:

- Need and Purpose
- Traffic Volume
- Typical Section south of East Fork Little River
- Alignment shift at both bridges
- Design Speed south of East Fork Little River

Describe the revised feature(s) to be approved:

- See attached Revised Need and Purpose
- Traffic volume has increased from 21,500 (2002) to 23,300 (2012) for the current year and 36,200 (2022) to 38,800 (2032) for the design year. See Attached Revised Traffic Diagrams
- Change the typical section to 4 lane with a 20-foot raised median, maintaining the outside rural shoulders and reducing the speed design to 45 mph between the project's beginning at Limestone Road and the south approach of the East Fork Little River Bridge. North of East Fork Little River, the project is on new location and the typical section and design speed will not change. Reducing the median width to a 20-foot raised median is consistent with the existing functional classification and reduces the required Right-of-Way and acquisition cost.
- Shifting the alignment east of the existing bridge at the Chattahoochee River crossing to allow construction of one four-lane bridge with a 20-foot raised median. Shifting the alignment east of the existing bridge at the East Fork Little River crossing to allow construction of both new 2-lane bridges to occur simultaneously. Shifting the alignment at the river crossings allows the new bridges to be built concurrently, reducing construction time and staging cost.
- Reducing the design speed to 45 mph allows for closer spacing of median openings thereby improving local user access.

Updated traffic data (AADT):

Current Year: 23300 (2012) Design Year: 38800 (2032)

Programmed/Schedule:

P.E. 1992

R/W: Long Range

Construction: Long Range

VE Study Required Yes(X) No()

Revised cost estimates:

COSTS	PROPOSED	APPROVED
Construction (Inflation E&C)	\$55,256,157 *	\$60,713,250
Right-of-Way	\$46,351,097	\$76,500,000
Utilities	\$635,000	\$2,314,000

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

Recommendation: Recommend that the proposed revision to the concept be approved for implementation.

Attachments:

1. Sketch Map
2. Revised Need and Purpose

* STP00-0002-06(048) - \$37,638,000
 122060

BRF00-0002-06(049) - \$10,283,000
 122064

BRF00-0002-06(050) - \$7,336,000

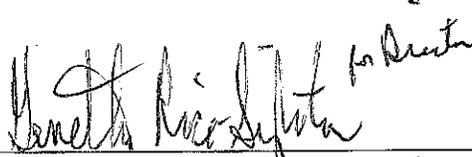
ALL R/W UNDER 122060

Handwritten signature and date: 8/29/2008

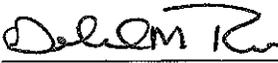
Revised Concept Report
STP-002-6(48). BRF-002-6(49). (50)
July 24, 2008
Page 3

3. Traffic Diagrams
4. Construction Cost Estimates
5. Right-of-Way Cost Estimate
6. Utility Cost Estimate
7. Typical Sections
8. B/C Analysis
9. Revised Concept Reports, April 23, 2003, September 8, 1998, December 18, 1997
10. Original Concept Report, October 21, 1991
11. Meeting Minutes

Concur:


Director of Preconstruction

Approve:



Chief Engineer

Revised Need And Purpose

Introduction

Hall County is located northeast of the Atlanta Metropolitan Area. The population has been growing rapidly over the past 15 years and this growth is expected to continue in the future. According to the US Census, the 1990 population was 95,428. By the year 2000, the population had grown by approximately 46 percent to 139,277. The Atlanta Regional Commission (ARC) estimates the population will grow to 166,481 in 2010 and 242,077 in 2030. Respectively, this is a 19 percent and 74 percent growth in population since the year 2000. This increase in population will result in an increase in travel demand throughout Hall County.

The Gainesville-Hall Metropolitan Planning Organization (GHMPO) developed the Gainesville-Hall County 2030 Long Range Transportation Plan (LRTP). This plan was adopted on August 14, 2007 and addresses the travel needs throughout Hall County through the year 2030. The LRTP identifies projects and strategies that would meet Hall County's current and future transportation and infrastructure needs. The Georgia Department of Transportation (GDOT) Project STP00-0002-06(048), P.I. Number 122060, is listed in the Gainesville-Hall County LRTP Tier 2 (2014-2020 Projects) as project GH-020. The proposed project would widen the existing SR 11/US 129/Cleveland Highway from a two-lane roadway to a four-lane roadway beginning at the north terminus of Limestone Parkway and ending approximately 1,500 feet south of Jim Hood/Nopone Road.

There are two bridges along SR 11/US 129/Cleveland Highway within the project limits of GDOT Project STP00-0002-06(048):

1. The SR 11/US 129 bridge over the Chattahoochee River, and
2. The SR 11/US 129 bridge over the East Fork Little River.

GDOT Project BRF-002-6(49), PI 122064, would replace the bridge over the Chattahoochee River. GDOT Project BRF-002-(50), PI 122066, would replace the bridge over the East Fork Little River. The two bridge replacement projects would be constructed in conjunction with the SR 11/US 129/ Cleveland Highway widening project (GDOT Project STP00-0002-06(048)).

Planning Basis for the Action

The purpose of this project is to provide a safe transportation facility and improve operational deficiencies in the system for the citizens of Hall County and the traveling public. The project is needed due to the existing deficiencies in the system, which includes substandard intersections and insufficient capacity to handle the current traffic volumes. The deficiencies in the system are described in detail in Section – Deficiencies in the System - of this document.

The proposed project would construct a four-lane roadway, add left and right turn lanes, and construct new bridges over the Chattahoochee River and the East Fork Little River. These

improvements would allow for this transportation corridor to adequately handle future traffic needs, improve traffic flow, and improve the safety of the traveling public.

Deficiencies in the System

The current deficiencies in the system are substandard intersections and the existing roadway does not efficiently handle the current traffic volumes.

The average daily traffic (ADT) along the proposed project is shown in **Table 1** below.

TABLE 1

Location	Average Daily Traffic		
	Current Year 2006	Build Year 2012	Design Year 2032
Proposed Alternative	19,200	23,300	38,800

The build year (2012) ADT is 23,300 vehicles. The projected ADT for design year (2032) is 38,800. This is an increase of 15,500 vehicles per day, approximately 66 percent increase in traffic volume.

Table 2 shows the LOS for various intersections along the proposed project for the existing, build, and design years.

Table 2: LOS for the Intersections Along the Proposed Project

Intersection Name	Control	Movement	Existing		Build Year				Design Year			
			2006 No Build		2012 No Build		2012 Build		2032 No Build		2032 Build	
			AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
Limestone Pkwy/Tapawingo Rd. at SR 11/US 129	Signal	Overall	NA	NA	D	C	C	A	F	F	D	D
Lake Hill Road/Riverwood Drive at SR 11/US 129	Un-signalized	NB Lt.	A	B	A	C	A	C	B	E	A	A
		SB Lt.	B	A	C	A	C	A	E	B	A	A
		EB	C	D	E	F	*	*	F	F	*	*
		EB Rt./Thru	NA	NA	*	*	D	D	*	*	F	F
		EB Lt.	NA	NA	*	*	D	F	*	*	F	F
		WB	E	D	F	F	*	*	F	F	*	*
		WB Rt./Thru	NA	NA	*	*	D	C	*	*	F	F
Thompson Mill Road at SR 11/US 129	Un-signalized	NB Lt.	A	B	A	C	A	A	B	F	F	B
		EB	C	E	D	F	*	*	F	F	*	*
		EB Rt.	NA	NA	*	*	B	C	*	*	F	C
		EB Lt.	NA	NA	*	*	D	F	*	*	F	F
Parker Road at SR 11/US 129	Un-signalized	NB Lt.	A	B	A	C	A	A	B	D	A	A
		EB	C	D	D	F	*	*	F	F	*	*
		EB Rt.	NA	NA	*	*	B	C	*	*	B	F
		EB Lt.	NA	NA	*	*	C	E	*	*	F	F
Little River Rd. at SR 11/US 129	Un-signalized	NB Lt.	A	B	A	B	A	A	B	E	B	E
		EB	C	D	C	F	*	*	F	F	*	*
		EB Rt.	NA	NA	*	*	B	C	*	*	B	E
		EB Lt.	NA	NA	*	*	C	E	*	*	F	F
Lakeland Rd. at SR 11/US 129	Un-signalized	SB Lt.	B	A	B	A	A	A	D	B	A	A
		WB	D	D	E	F	*	*	F	F	*	*
		WB Rt.	NA	NA	*	*	C	B	*	*	D	B
		WB Lt.	NA	NA	*	*	E	D	*	*	F	F
Lakeview Street at SR 11/US 129	Un-signalized	SB Lt.	B	A	B	A	A	A	D	B	E	B
		WB	D	C	E	C	*	*	F	F	*	*
		WB Rt.	NA	NA	*	*	C	B	*	*	D	B
		WB Lt.	NA	NA	*	*	E	C	*	*	E	E

Casper Dr. at SR 11/US 129	Un-signalized	SB Lt.	B	A	B	A	A	A	D	B	D	B
		WB	F	F	F	F	*	*	F	F	*	*
		WB Rt.	NA	NA	*	*	C	B	*	*	D	B
		WB Lt.	NA	NA	*	*	E	C	*	*	F	F
Shope Rd. at SR 11/US 129	Un-signalized	NB Thru (Including Lt.)	A	A	A	C	*	*	A	C	*	*
		NB Lt.	NA	NA	*	*	A	B	*	*	B	D
		SB Lt.	NA	NA	*	*	A	A	*	*	A	A
		EB	C	E	F	F	*	*	F	F	*	*
		EB Rt.	NA	NA	*	*	B	C	*	*	B	E
		EB Lt./Thru	NA	NA	*	*	D	E	*	*	F	F
		WB Rt.	NA	NA	*	*	B	B	*	*	B	B
C. Loggins Rd. at SR 11/US 129	Un-signalized	NB Thru (Including Lt.)	A	A	A	A	*	*	A	A	*	*
		NB Lt.	NA	NA	*	*	A	A	*	*	A	A
		SB Lt.	NA	NA	*	*	A	A	*	*	E	B
		EB	B	D	E	E	*	*	F	F	*	*
		EB Rt.	NA	NA	*	*	B	C	*	*	B	D
		EB Lt./Thru	NA	NA	*	*	E	E	*	*	F	F
		WB Rt.	NA	NA	*	*	D	B	*	*	F	F
WB Lt./Thru	NA	NA	*	*	F	D	*	*	F	F		

Note: * = movement does not apply to this intersection

Table 2 shows the intersections where the capacity analysis determined turn lanes would be required. There are several intersections, with minor street improvements, that are expected to operate at LOS F for design year 2032 under the build condition. This is not uncommon for unsignalized minor approaches. However, a signal is not warranted to mitigate these inadequate LOS. The low volumes on the side street would most likely not warrant a traffic signal, which would cause interruption to the through traffic flow. From a capacity standpoint, exclusive left turn lanes, exclusive right turn lanes, and traffic signals were needed at some of the intersections in the design year 2032. Though some movements may still operate at LOS F, the low volumes sustained at these intersections do not require turn lanes.

Historical accident and injury data is shown in **Table 3** for the years 2003 to 2006. The historical data includes the fatality rate during this time period.

Table 3: Accident Rates

Year	Accident Rate		Injury Rate		Fatality Rate	
	SR 11/US 129	Statewide Average	SR 11/US 129	Statewide Average	SR 11/US 129	Statewide Average
2003	233	412	76	108	6.5	0.69
2004	330	342	103	89	3.2	0.89
2005	346	363	97	95	0	1.30
2006	368	292	108	95	0	1.19

Source: Georgia Department of Transportation, Office of Traffic Operations

The accident rate along this section of roadway does not exceed the statewide averages for similar roadway facilities in the year 2003, 2004, or 2005 but does exceed in 2006. The injury rate exceeds the statewide average for the last three years (2004-2006). However, the fatality rate for the project corridor was significantly higher than the statewide average for Years 2003 and 2004. The total number of fatalities involving accidents for Years 2003 and 2004 were 2 and 1, respectively.

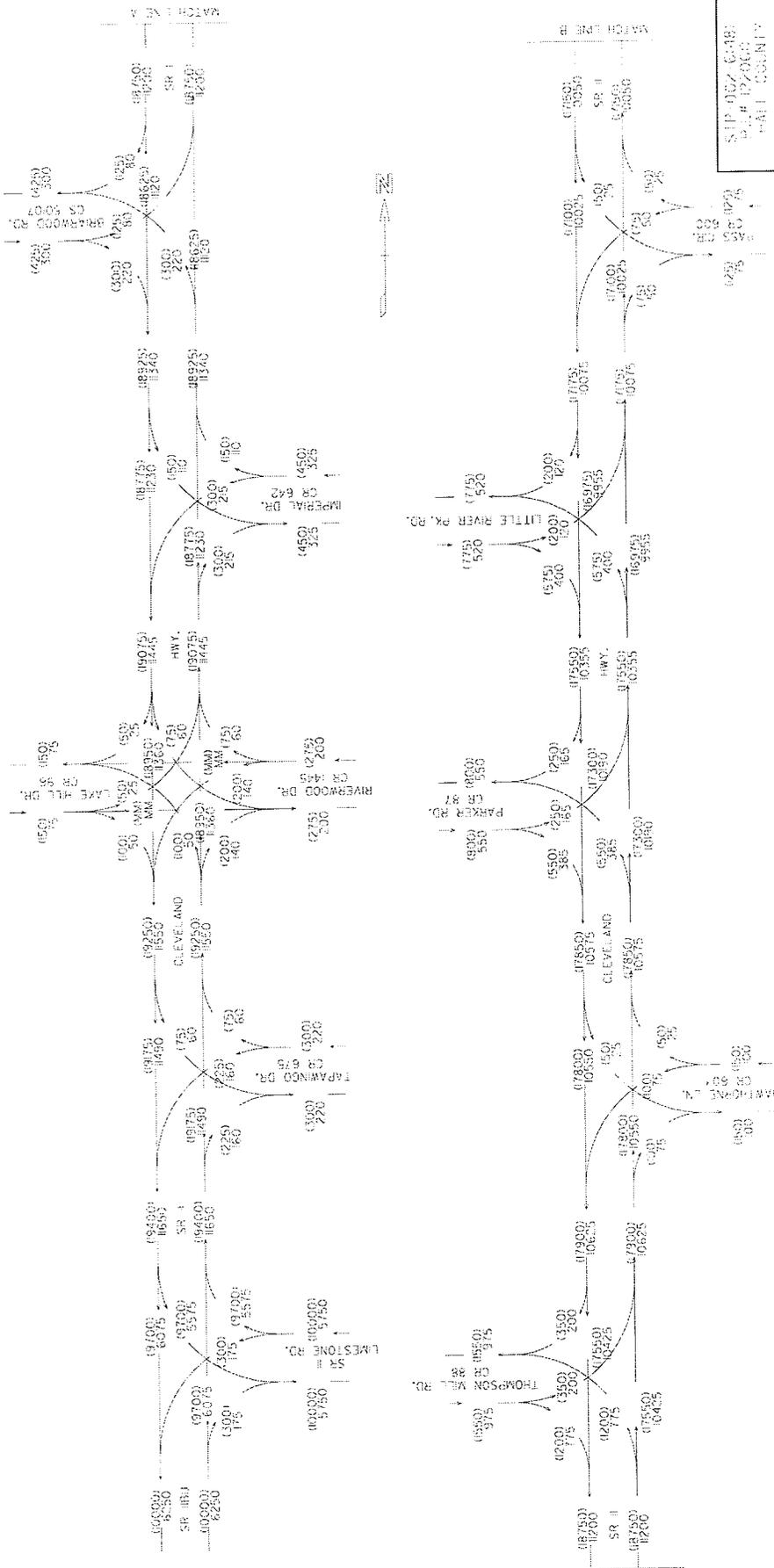
GDOT Projects STP-002-6(48), BRF-002-6(49), and BRF-002-5(50) would address the capacity, safety, and operational needs along the corridor.

Logical Termini

The southern terminus of GDOT Project STP-002-6(48) would tie into the existing signalized intersection at Limestone Parkway and SR 11/US 129/Cleveland Highway. The southern terminus is logical because it ties into the existing four-lane section of Limestone Parkway, which currently is a T-intersection with the two-lane section of SR 11/US 129/Cleveland Highway. At this intersection, the two lane section of SR 11/US129/Cleveland Highway would be realigned as the T intersection with Limestone Parkway. The four lane Limestone Parkway would become the thru movement roadway. The improvements on Limestone Parkway would begin approximately 1,500 feet from the existing intersection with SR 11/US 129/Cleveland Highway. This upgrade would eliminate the need for automobiles to make dangerous right or left turns in front of on-coming traffic. The 20-foot raised median would also improve safety by separating the northbound and southbound lanes, thereby, reducing the likelihood of a head-on collision. The northern terminus of this project is approximately 1,500 feet south of Jim Hood/Nopone Road. The northern terminus for the proposed project is logical because it ties into the existing four-lane section of SR 11/US 129/Cleveland Highway. The four-lane extension and 44-foot wide depressed median would alleviate traffic congestion and contribute to the overall safety of this major north-south roadway leading to and from the city of Gainesville, Georgia.

The terminus for the proposed project also has independent utility. In other words, the proposed project would make improvements to the roadway network that does not rely on other transportation projects in order to function. There are no other transportation projects within the area that would require coordination with this project or would be impacted by the construction of this project.

SHEET 1 OF 6

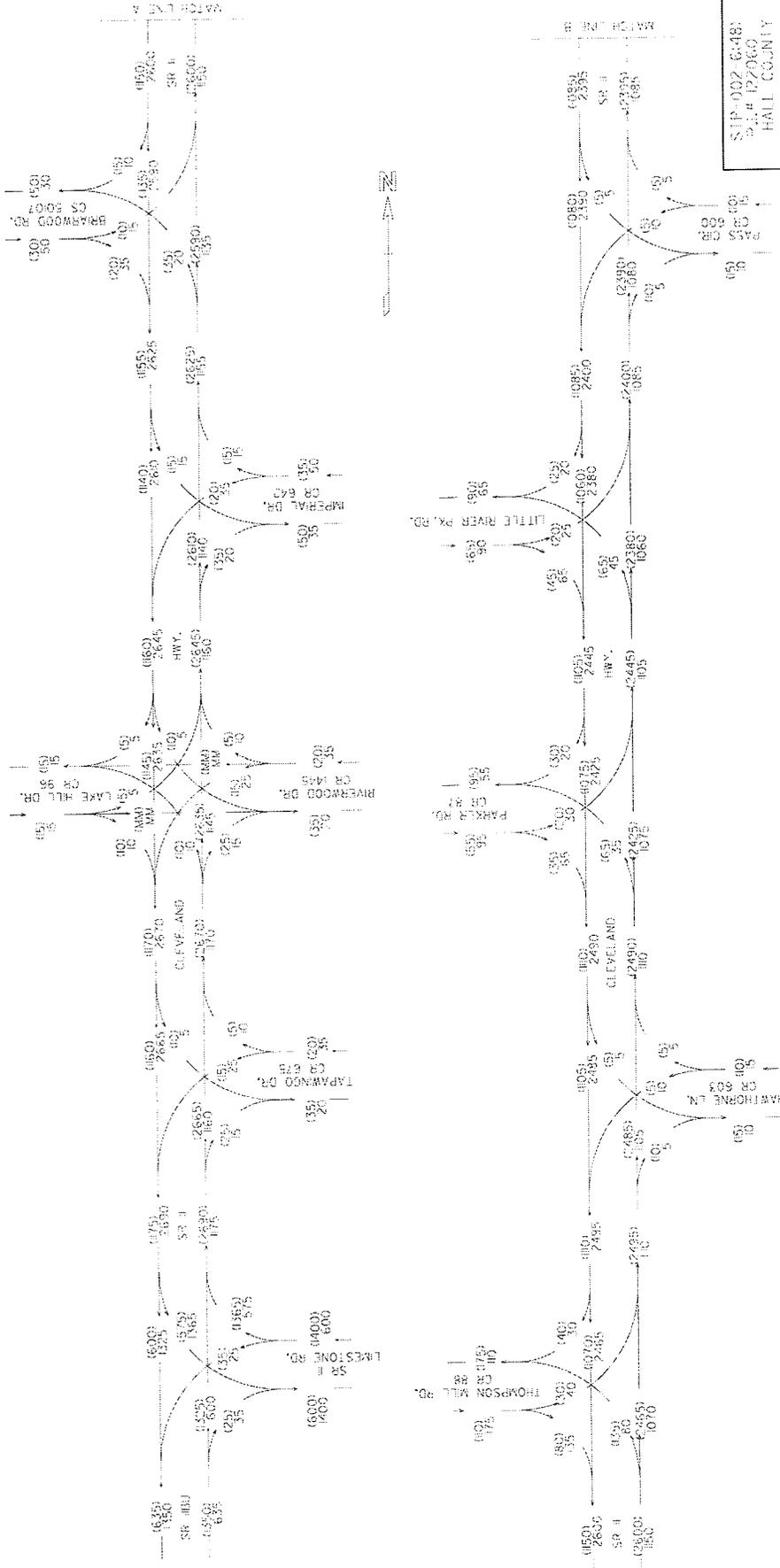


SIP 007 048
202 AD 007
2012 AD 000
SR CLEVELAND HWY.
HALL COUNTY
24 OCT 82
SLS
COMB 22

DWG. NO. 10-1

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION

SHEET 4 OF 6



SIP-002 6448
P.L.# 172060
HALL COUNTY
SR #CLEVELAND HWY.
2072 AM DWG / 500
2032 PM DWG / 0000
T = 63

DWG. NO. 10--4

REV.
2/06

Estimate Report for file "STP-002-6(48)_2008-05-15"

Section ROADWAY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	191419.44	TRAFFIC CONTROL -	191419.44
153-1300	1	EA	69627.91	FIELD ENGINEERS OFFICE TP 3	69627.91
201-1500	1	LS	4000000.00	CLEARING & GRUBBING -	4000000.00
205-0001	1002060	CY	5.26	UNCLASS EXCAV	5270835.60
206-0002	250000	CY	6.47	BORROW EXCAV, INCL MATL	1617500.00
310-5100	278062	SY	16.46	GR AGGR BASE CRS, 10 INCH, INCL MATL	4576900.52
318-3000	2500	TN	23.28	AGGR SURF CRS	58200.00
402-1811	2300	TN	108.73	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL	250079.00
402-3113	22940	TN	80.00	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	1835200.00
402-3121	66111	TN	91.00	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	6016101.00
402-3190	30587	TN	82.00	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	2508134.00
413-1000	15600	GL	1.90	BITUM TACK COAT	29640.00
433-1000	774	SY	185.43	REINF CONC APPROACH SLAB	143522.82
441-0016	18000	SY	39.75	DRIVEWAY CONCRETE, 6 IN TK	715500.00
441-0740	28474	SY	35.93	CONCRETE MEDIAN, 4 IN	1023070.82
441-6022	1189	LF	19.78	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	23518.42
441-6720	56496	LF	15.95	CONC CURB & GUTTER, 6 IN X 30 IN, TP 7	901111.20
456-2012	8	GLM	989.42	INDENTATION RUMBLE STRIPS - GROUND-IN-PLACE (CONTINUOUS)	7915.36
620-0100	5000	LF	26.35	TEMPORARY BARRIER, METHOD NO. 1	131750.00
627-1000	12909	SF	44.82	MSE WALL FACE, 0 - 10 FT HT, WALL NO -	578581.38
634-1200	200	EA	101.50	RIGHT OF WAY MARKERS	20300.00
641-1200	19100	LF	15.44	GUARDRAIL, TP W	294904.00
641-5001	42	EA	619.00	GUARDRAIL ANCHORAGE, TP 1	25998.00
641-5012	42	EA	1838.99	GUARDRAIL ANCHORAGE, TP 12	77237.58
Section Sub Total:					\$30,367,047.05

Section DRAINAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3800	50	CY	721.32	CLASS A CONCRETE, INCL REINF STEEL	36066.00
550-1426	4039	LF	120.00	STORM DRAIN PIPE, 42 IN, H 35-40	484680.00
550-2240	5719	LF	34.41	SIDE DRAIN PIPE, 24 IN, H 1-10	196790.79
550-3524	68	EA	1007.03	SAFETY END SECTION 24 IN, STORM DRAIN, 6:1 SLOPE	68478.04
550-4124	69	EA	434.69	FLARED END SECTION 24 IN, SIDE DRAIN	29993.61
603-2180	600	SY	37.61	STN DUMPED RIP RAP, TP 3, 12 IN	22566.00
603-7000	600	SY	5.23	PLASTIC FILTER FABRIC	3138.00
668-1100	100	EA	2552.53	CATCH BASIN, GP 1	255253.00
668-2100	41	EA	2402.61	DROP INLET, GP 1	98507.01
Section Sub Total:					\$1,195,472.45

Section SIGNING & MARKING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
647-1000	1	LS	49800.17	TRAFFIC SIGNAL INSTALLATION NO -	49800.17
999-9999	6	LM	45769.00	SIGNING & MARKING	274614.00
Section Sub Total:					\$324,414.17

Section EROSION CONTROL - PERMANENT					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0240	2325	TN	181.22	MULCH	421336.50
441-0204	8844	SY	35.76	PLAIN CONC DITCH PAVING, 4 IN	316261.44
700-6910	115	AC	1022.21	PERMANENT GRASSING	117554.15
700-7000	350	TN	59.39	AGRICULTURAL LIME	20786.50
700-7010	292	GL	21.47	LIQUID LIME	6269.24
700-8000	116	TN	291.02	FERTILIZER MIXED GRADE	33758.32
700-8100	5800	LB	2.40	FERTILIZER NITROGEN CONTENT	13920.00

710-9000	2000	SY	4.63	PERMANENT SOIL REINFORCING MAT	9260.00
715-2200	3000	SY	2.11	BITUMINOUS TREATED ROVING, WATERWAYS	6330.00
Section Sub Total:					\$945,476.15

Section EROSION CONTROL - TEMPORARY					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	120	AC	574.76	TEMPORARY GRASSING	68971.20
163-0300	72	EA	1816.42	CONSTRUCTION EXIT	130782.24
163-0502	15	EA	657.68	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2	9865.20
163-0503	106	EA	517.42	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	54846.52
163-0520	4200	LF	16.50	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	69300.00
163-0530	16820	LF	4.04	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	67952.80
163-0531	57	EA	9039.95	CONSTRUCT AND REMOVE SEDIMENT BASIN, TP 1, STA NO -	515277.15
163-0550	55	EA	228.63	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	12574.65
165-0010	5450	LF	0.69	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	3760.50
165-0020	4200	LF	7.07	MAINTENANCE OF TEMPORARY SILT FENCE, TP B	29694.00
165-0030	9000	LF	1.29	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	11610.00
165-0060	57	EA	1237.05	MAINTENANCE OF TEMPORARY SEDIMENT BASIN, STA NO -	70511.85
165-0070	8410	LF	1.74	MAINTENANCE OF BALED STRAW EROSION CHECK	14633.40
165-0086	15	EA	267.68	MAINTENANCE OF SILT CONTROL GATE, TP 2	4015.20
165-0087	106	EA	136.80	MAINTENANCE OF SILT CONTROL GATE, TP 3	14500.80
165-0101	72	EA	516.98	MAINTENANCE OF CONSTRUCTION EXIT	37222.56
165-0105	55	EA	80.96	MAINTENANCE OF INLET SEDIMENT TRAP	4452.80
167-1000	4	EA	1037.94	WATER QUALITY MONITORING AND SAMPLING	4151.76
167-1500	30	MO	950.27	WATER QUALITY INSPECTIONS	28508.10
171-0010	10900	LF	1.56	TEMPORARY SILT FENCE, TYPE A	17004.00
171-0020	8400	LF	2.77	TEMPORARY SILT FENCE, TYPE B	23268.00
171-0030	18000	LF	3.80	TEMPORARY SILT FENCE, TYPE C	68400.00
716-2000	118600	SY	1.03	EROSION CONTROL MATS, SLOPES	122158.00
Section Sub Total:					\$1,383,460.73

Total Estimated Cost: \$34,215,870.55

Subtotal Construction Cost \$34,215,870.55

E&C Rate 10.0 % \$3,421,587.05

Inflation Rate 0.0 % @ 0 Years \$0.00

Total Construction Cost \$37,637,457.60

Right Of Way \$46,351,097.00

ReImb. Utilities \$635,000.00

Grand Total Project Cost \$84,623,554.60

Estimate Report for file "BRF-002-6(49)"

Section MAJOR STRUCTURES					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
999-9999	62320	SF	150.00	BRIDGE OVER CHATTAHOOCHEE RIVER	9348000.00
Section Sub Total:					\$9,348,000.00

Total Estimated Cost: \$9,348,000.00

Subtotal Construction Cost \$9,348,000.00

E&C Rate 10.0 % \$934,800.00

Inflation Rate 0.0 % @ 0 Years \$0.00

Total Construction Cost \$10,282,800.00

Right Of Way \$0.00

ReImb. Utilities \$0.00

Grand Total Project Cost \$10,282,800.00

Estimate Report for file "BRF-002-6(50)"

Section MAJOR STRUCTURES					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
999-9999	44460	SF	150.00	BRIDGE OVER EAST FORK LITTLE RIVER	6669000.00
Section Sub Total:					\$6,669,000.00

Total Estimated Cost: \$6,669,000.00

Subtotal Construction Cost		\$6,669,000.00
E&C Rate 10.0 %		\$666,900.00
Inflation Rate 0.0 % @ 0 Years		\$0.00
<hr style="border: 1px solid black;"/>		
Total Construction Cost		\$7,335,900.00
Right Of Way		\$0.00
ReImb. Utilities		\$0.00
<hr style="border: 1px solid black;"/>		
Grand Total Project Cost		\$7,335,900.00

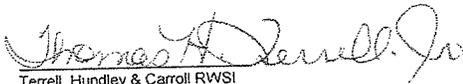
PRELIMINARY - Right of Way Cost Estimate

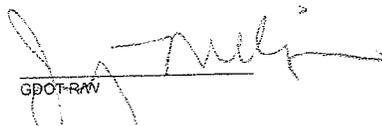
Date:	5/25/2007		P.I. Number	122060
Project:	STP-002-6(48)	CONCEPT B	No. Parcels	150
Existing/Required R/W:	Varies/Varies			
Project Termini:	Limestone Rd to S. of Nopone Road			
Project Description:	Widen & Realign SR11/US129			

Land	Area		\$/sf				
Commercial	642,226	@	4.30	=	\$	\$2,761,571.80	
Industrial		@		=	\$	\$0.00	
Residential	2,588,904	@	1.35	=	\$	\$3,468,020.40	
Agricultural	1,070,378	@	1.00	=	\$	<u>\$1,070,378.00</u>	
							\$7,299,970
Improvements							\$3,500,000
28 Houses, 8 Mobile Homes, 10 Businesses, curbing, paving, signs, fencing, site improvements							
Relocation							
Residential	36	@	\$40,000.00	=		\$1,440,000.00	
Commercial	10	@	\$25,000.00	=		\$250,000.00	
							\$1,690,000.00
Damages							
Proximity	25	@	30,000			\$750,000	
Consequential	10	@	5,000			\$50,000	
Cost to Cure	30	@	2,000			\$60,000	
							\$860,000
							<u>\$13,349,970</u>

Net Cost		\$13,349,970
Scheduling Contingency	55%	\$7,342,484
Adm/Court Cost	60%	\$12,415,472
Market Appreciation	40%	\$13,243,170
		\$46,351,097

TOTAL COST

Prepared By: 
 Terrell, Hundley & Carroll RWSI

Approved: 
 GDOT-R/W

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE **STP00-0002-06(048) Hall County** **OFFICE** Gainesville
 G.D.O.T. P.I. No. 122060
 SR 11 / US 129 from Limestone
 Road to Nopone Road **DATE** May 19, 2008

FROM 
 Darrell W. Pyeatt, District Utilities Engineer

TO Babs Abubakari, P.E., State Consultant Design Engineer
 Attn: Steve Adewale

SUBJECT Utility Cost Estimate

As requested, we are providing a reimbursable cost estimate for utility adjustments on the subject project as follows:

<u>Utility Type</u>	<u>Reimbursable</u>
Electric Distribution	\$ 240,000.00
Electric Transmission	\$ 100,000.00
Telecommunications	\$ 280,000.00
Cable TV	\$ 15,000.00
<hr/>	
Total	\$ 635,000.00

This is a rough preliminary estimate. This cost is subject to change as the project develops. If we can provide any further information and/or assistance, please advise.

DWP:RBO
c: Jeff Baker
File

**Benefit Cost Analysis Work Sheet
CONGESTION Projects**

STP-002-7(20)

122200

Hall County

SR 11/US 129 from CR 304 to CR 236

Congestion Benefit = Tb + CMb + Fb

Person Time Savings Benefit (Tb)

*Db (hrs)	0.194222222
ADT	31,000.00
Tb (\$s)	\$206,968,055.56

Commercial or Truck Time Savings Benefit (CMb)

Db (hrs)	0.194222222
% Truck Traffic	0.08
ADT	31,000.00
CMb	\$87,483,515.56

Fuel Savings Benefit (Fb)

ADT	NOT USED IN CALCULATION
Fb (\$s)	NOT USED IN CALCULATION

Total Congestion Benefit	\$294,451,571.11
Total Project Cost	\$102,242,254.00
B/C Ratio	2.88

*Reduction in delay or Delay Benefit (D_b) can be defined as the difference between the peak hour travel time through the corridor without the proposed improvement and the peak hour travel time through the corridor with the proposed improvement.

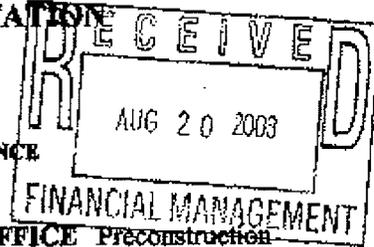
Utilities Cost	\$635,000.00
Right of Way Cost	\$46,351,097.00
Construction Cost (E&C)	\$55,256,157.00
Total Cost	\$102,242,254.00

ORIGINAL TO GENERAL FILES

DOT 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE STP-002-6(48) Hall County
P. I. No. 122060

OFFICE Preconstruction

DATE August 19, 2003

FROM *Margaret B. Pirklis*
Margaret B. Pirklis, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT REVISED PROJECT CONCEPT REPORT APPROVAL

FINANCIAL MANAGEMENT	
ACCT.	_____
FIN.	_____
CASH FLOW	_____
SPENDING	_____

Attached for your files is the approval for subject project.

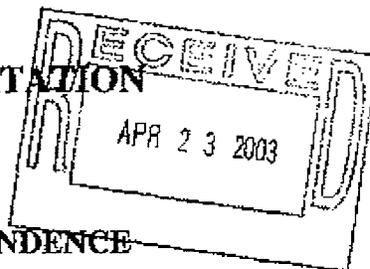
MBP/cj

Attachment

DISTRIBUTION:

- David Mulling
- Harvey Keeper
- Jerry Hobbs
- Percy Middlebrooks
- Michael Henry
- Phillip Allen
- Joe Palladi (file copy)
- Brent Story
- Gerald Ross
- Larry Dent
- BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



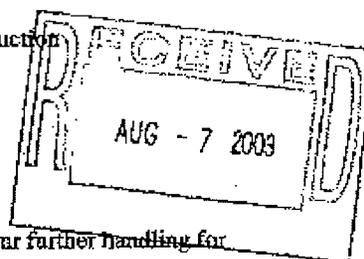
INTERDEPARTMENT CORRESPONDENCE

FILE STP-002-6 (48) Hall Co. OFFICE Road Design
P.I. No. 122060 DATE April 22, 2003

FROM Gerald M. Ross, P.E., State Road & Airport Design Engineer *GRS*

TO Margaret B. Pirkle, Assistant Director of Preconstruction

SUBJECT Revised Project Concept Report Approval



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

Due to recent construction, the above mentioned project's northern terminus will need to be revised to reflect a change in the ending station in order to tie to new pavement.

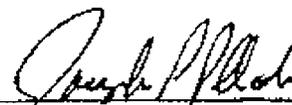
The revised concept as presented herein and submitted for approval is consistent with that which is included in the Regional Transportation Program (RTP) and/or the State Transportation Improvement Program (STIP).

If you need additional information, please contact Mike Davidson or Matt Sanders at 404-656-5383.

GMR:MJS:ss

Attachments

cc: David Mulling
Percy Middlebrooks
Marta Rosen
Harvey Keeper
Phillip Allen
Larry Dent
Paul Liles


State Transportation Planning Engineer

8/6/03
Date

REVISED PROJECT CONCEPT REPORT

Description of the approved concept:

The approved concept for STP-002-6(48) in Hall County is proposed to widen existing US129/SR11 from Limestone Road to approximately half mile North of CR65/ Nopone Road. The proposed typical is four lanes divided by a 44 foot grassed median. The current approved length of the project is approximately 5.4 miles.

PDP Classification: Major X Minor

Federal Oversight: Full Oversight (), Exempt(X), State Funded(), or Other ()

Functional Classification: Rural Principal Arterial

U. S. Route Number(s): 129 State Route Number(s): 11

Traffic (AADT) as shown in the approved concept:

Current Year: 13700-21500 (2002) Design Year: 24000-36200 (2022)

However, due to the recent constructed intersection improvements at the SR 11/US 129-Jim Hood/Nopone Rd. intersection, the project's northern terminus will need to be revised to reflect a change in the ending station. The new proposed end of the project will shorten the approved project length in order to tie to the new pavement. Therefore, this revision to the concept will require changing the description of the end of the project to be 1500 feet south of Jim Hood/Nopone Road.

Programmed/Schedule:

P.E. 1992 R/W: 2009 Construction: Long range

The proposed changes to the cost estimates are as follows:

COSTS	PROPOSED	APPROVED
Construction (Inflation E & C)	\$ 17,364,956	\$ 14,300,000
Right-of-Way	\$ 24,628,714	\$ 19,853,000
Utilities	\$ 2,314,000	\$ 2,314,000

Recommendation: It is the recommendation of this Office that this proposed revision that would change the project description to read SR 11/US 129 Cleveland Hwy from Limestone Pkwy to 1500' south of Jim Hood/Nopone Road be approved for implementation.

Revised Project Concept Report
STP-002-6(48)
BHF-002-6(49)(50)
March 28, 2003
Page 2

Concur: *Thomas R. Jussam*
Director of Preconstruction

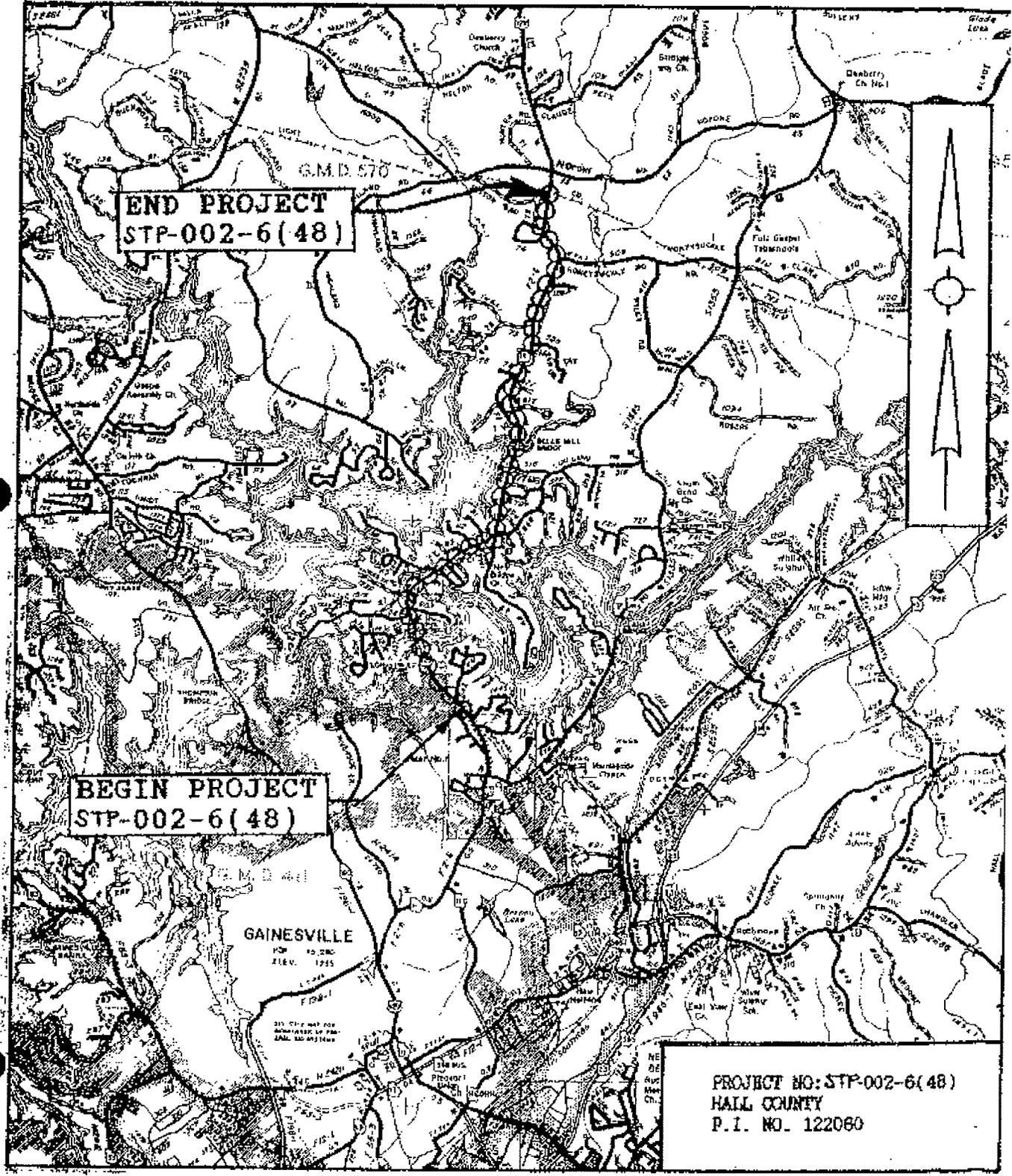
Approve: *Ronald W. Mulla*
Chief Engineer

GMR/mjs

Attachments:

1. Sketch Map
2. Cost Estimate

LOCATION SKETCH



STP-002-0(48)
 BHF-002-6(49), BHF-002-8(60)
 Hall County
 PI No. 122090

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-002-6(48), BHF-002-6(49) & (50)

COUNTY: HALL

DATE: February 2003

ESTIMATED LETTING DATE:

PREPARED BY: Parsons Transportation Group

PROJECT LENGTH: 8.700 km (5.4 mi)

PROGRAMMING PROCESS

CONCEPT DEVELOPMENT

DURING PROJECT DEV.

A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 2,918,532
2. DISPLACEMENTS	\$ 4,175,000
3. OTHER COST (ADM./COST, INFLATION)	\$ 17,535,182
SUBTOTAL A:	\$ 24,628,714
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	
2. TRANSMISSION LINES	\$ -
3. SERVICES	
SUBTOTAL B:	\$ -
C. CONSTRUCTION	
1. MAJOR STRUCTURES	
a. BRIDGE- Chattahoochee River	
2 @ (820' L X 38' W) @ \$53 / SF	\$ 3,302,960
b. BRIDGE- East Fork Little River	
2 @ (585' L X 38' W) @ \$53 / SF	\$ 2,356,380
SUBTOTAL C-1:	\$ 5,659,340
2. GRADING AND DRAINAGE:	
a. EARTHWORK- 178126 CuYds- U.S. 129 @ \$2.50	
	\$ 445,315
b. DRAINAGE:	
1) Minor Drainage(Including Cross Drain Pipes & Longitudinal System)	
19029 LF @ \$36.68/LF; 71 END SECTIONS @; 15 MEDIAN INLETS	\$ 851,756
SUBTOTAL C-2:	\$ 1,297,071

STP-002-6(48)
 BHF-002-6(49), BHF-002-6(50)
 Hall County
 PI No. 122060

3. BASE AND PAVING:		
a. ASPHALT PAVING:		
9.5mm Superpave- 10264.3 TN @ \$37.80/TN	\$	517,893
19mm Superpave--15078.5 TN--@\$42.19/TN	\$	933,702
25mm Superpave-- 192593.7 TN--@\$37.49/TN	\$	1,244,530
Tack Coat-- 9595 gallons @ \$0.91	\$	14,208
Gross Aggr Base: 10"-- 137077.3 SY--@ \$17.00/SY	\$	2,330,315
Other Paving	\$	617,800
SUBTOTAL C-3a		\$ 5,658,448
b. Reinforce Concrete Approach Slab 800 SY@ \$118.40/SY		\$ 94,720
c. PERMANENT GRASSING-- 115 Ac @ \$41.53/TN (30 LB/Ac)		\$ 143,279
d. AG. LIME--115 Ac @ \$53.92/TN (3.0 TN/Ac)		\$ 19,189
e. Fertilizer mixed grade-- 115 Ac @ \$235.39/TN (0.9TN/Ac)		\$ 24,429
f. Fertilizer Nitrogen Content-- 115 Ac @ \$1.85/LB (50 LB/Ac)		\$ 10,638
SUBTOTAL C-3:		\$ 5,950,703
4. LUMP ITEMS:		
a. EROSION CONTROL		\$ 315,897
b. TRAFFIC CONTROL		\$ 150,000
c. CLEARING & GRUBBING		\$ 575,200
SUBTOTAL C-4:		\$ 1,041,097
5. MISCELLANEOUS:		
a. SIGNING - MARKING		\$ 122,900
b. GUARDRAIL - Install new guardrail 5,000 LF @ \$49.51/LF		\$ 247,550
SUBTOTAL C-5:		\$ 370,450
6. SPECIAL FEATURES-		
SUBTOTAL C-6:		\$ -
SUBTOTAL C:		\$ 14,318,661

STP-002-8(48)
 BHF-002-8(49), BHF-002-8(50)
 Hall County
 PI No. 122000

A. RIGHT-OF-WAY		\$	24,628,714
B. REIMBURSABLE UTILITIES		\$	-
C. CONSTRUCTION			
1. MAJOR STRUCTURES		\$	5,659,340
2. GRADING AND DRAINAGE		\$	1,297,071
3. BASE AND PAVING		\$	5,950,703
4. LUMP ITEMS		\$	1,041,097
5. MISCELLANEOUS		\$	370,450
6. SPECIAL FEATURES		\$	-
SUBTOTAL CONSTRUCTION		\$	14,318,661
INFLATION (3% PER YEAR)		\$	1,467,663
NUMBER OF YEARS			
E. & C. (10%)	2.0	\$	1,578,632
TOTAL CONSTRUCTION COST		\$	17,364,956
GRAND TOTAL PROJECT COST		\$	41,993,670

C

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE

STP-002-6(48)/BHF-002-6(49)/(50) Hall County OFFICE Preconstruction
P.I. Nos. 122060/122064/122066

DATE September 8, 1998

CWH

FROM C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT REVISED PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

- Walker Scott
- Bobby Mustin
- David Studstill (ATTN: Harvey Keeper)
- Jerry Hobbs
- Herman Griffin
- Marta Rosen (ATTN: Michael Henry)
- Marion Waters
- Toni Dunagan
- Hugh Tyner

ADMIN	<i>[Signature]</i>
DEV	<i>[Signature]</i>
MGT	
SCHED	<i>[Signature]</i> 10/9/98
WINNETT - COST CHANGES - 122060, 122064	
<i>[Signature]</i>	

*No change on
BHF-002-6(50)*

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Interdepartmental Correspondence

FILE STP-002-6(48); BHF-002-6(49)(50) Hall County **OFFICE** Environment/Location
P.I. No. 122060; 122064 & 122066 **DATE** May 20, 1998

FROM *D.E.S.*
David E. Studstill, P.E. State Environmental/Location Engineer
TO Distribution

SUBJECT Revised Project Concept Report: US 129/ SR 11 Improvements

RECEIVED
MAY 20 1998
PRECONSTRUCTION

The approved concept for STP-002-6(48) in Hall County is proposed to widen existing US 129/SR 11 from Limestone Road to approximately 0.8 km north of CR 65/Nopone Road in Hall County. The proposed typical section is four lanes divided by a 13.6 m grassed median. The length of the project is 8.7 km.

To avoid eligible historic resources and minimize impacts to adjacent residential properties, the approved concept is proposed to be revised. The revisions are as follows:

From the beginning of the project, US 129/SR 11 would become the continuous movement from Limestone Road to US 129/SR 11 north. US 129/SR 11 Business would then be made a "T" intersection. Widening would begin on the east side of US 129/SR 11 and continue to a point approximately 0.2 miles north of CR 603/Hawthorne Lane. At that point, widening would change to the west side of the road, and continue to a point approximately 0.14 mile north of CR 848/Lakeland Road. From there, widening would shift back to the east side of the road and continue to a point 0.1 miles north of East Fork Little River. At that point, the alignment would extend northward onto new location on the east side of US 129/SR 11, crossing US 129/SR 11 approximately 200 feet south of CR 565/Casper Drive. From there, the alignment would continue on new location on the west side of US 129/SR 11 to the intersection of CR 74/C. Loggins Circle. At that point, the widening of US 129/SR 11 would begin again and continue on the east side of the road to the end of the project.

122064 Based on the recommendation of the Bridge Maintenance Office, the existing bridge over the Chattahoochee River is recommended to be replaced and a new parallel structure to be built. Also, because the existing vertical alignment does not meet the 90 km/h speed design, the existing bridge over East Fork Little River is recommended to be replaced and a new parallel structure to be built. *122066*

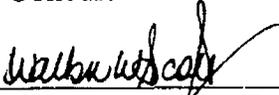
The revised cost estimate is as follows:

Cost includes 2 bridges

	PROPOSED	APPROVED
Construction (Infl. E & C)	\$ 19,926,000	\$ 11,261,781
Right-of-Way	\$ 19,978,000	\$ 7,035,505
Utilities	LGPA	LGPA

122060

Recommendation: It is recommended that these changes be approved and that the project estimate be adjusted to reflect these changes.

Concur:

Walker W. Scott, Jr., P.E.
Director of Preconstruction

Approved:

Frank L. Danchetz, P.E.
Chief Engineer

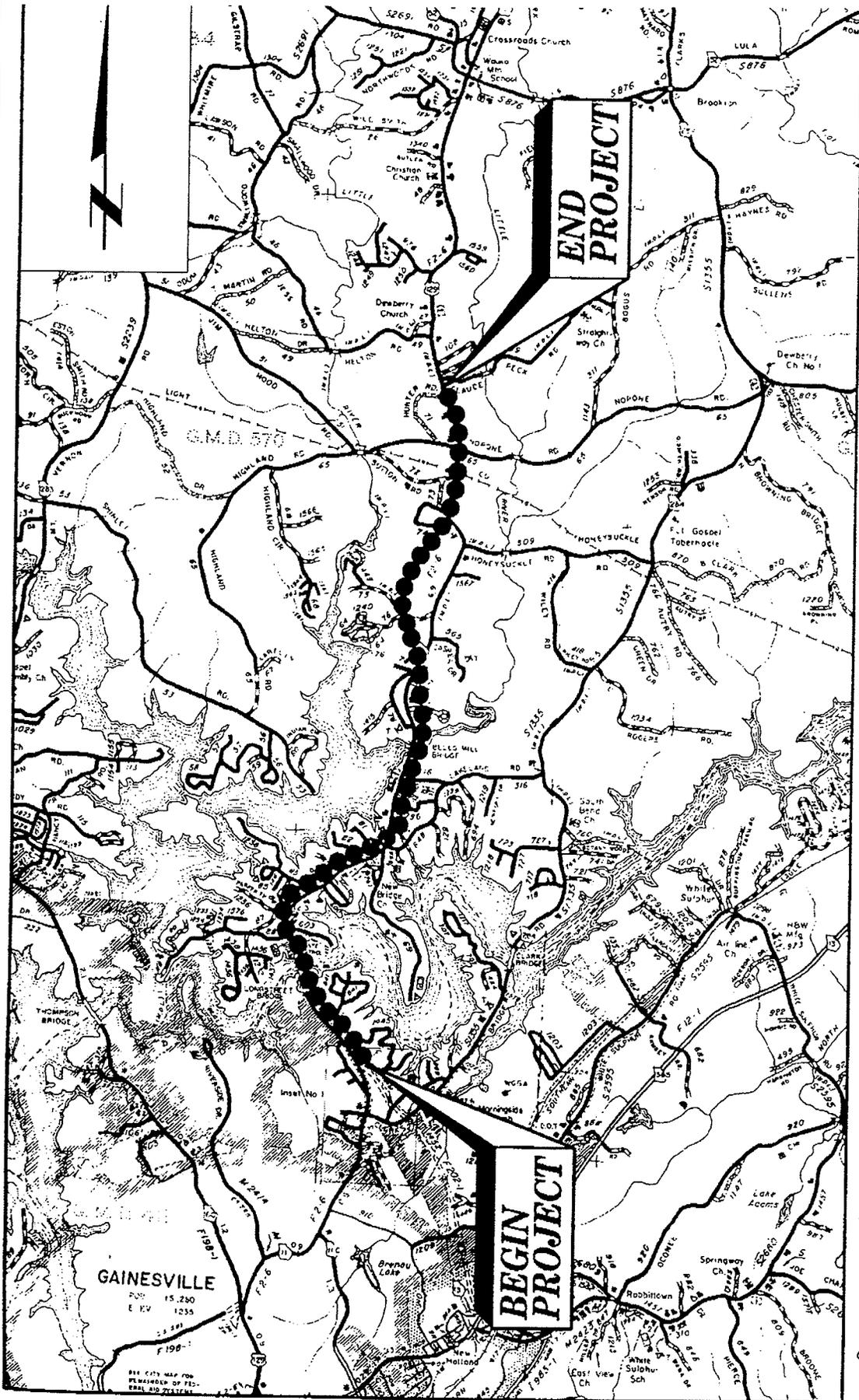
DES/SWT

Attachments: Location Map
Cost Estimate
Typical Sections

Cost Estimate Breakdown by Gen Bldg End's Unit
10-9-98
@ 11:45 AM

STP-002-6(48) Hall 122060	=	# 14,300,000
BHF-002-6(49) Hall 122064	=	# 3,000,000
BHF-002-6(50) Hall 122066	=	# 2,626,000
		<u># 19,926,000</u>

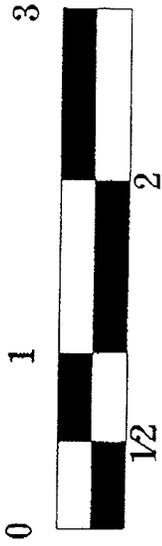
All ROW is under 122060



STP-002-6(48)
 HALL COUNTY
 US 129SR II IMPROVEMENTS
 P.I.# 122060



LOCATION



SCALE IN MILES

SOURCE: GENERAL HIGHWAY MAP, HALL CO., GEORGIA
 PREPARED BY THE GEORGIA DEPARTMENT OF TRANSPORTATION, 1990

PRELIMINARY COST ESTIMATE

DATE MAY 20, 1998
PROJECT NAME U.S. 129 IMPROVEMENTS
PROJECT NO. STP-002-6(48)
P.I. NO. 122060

PROJECT DESCRIPTION: Improvements to US 129 from US 129/SR 11/Limestone Rd. North to approximately 0.5 miles north of CR 65/Nopone Rd..

PROJECT LENGTH: 5.50 miles

TYPICAL SECTION: 4 LANES WITH A 44 FT. DIVIDED MEDIAN RURAL

EXISTING ROADWAY (IF APPLICABLE) 2-3 LANE RURAL

TRAFFIC: EXISTING 13700-21500 ADT @ 2002 DESIGN 24000-36200 @ 2022

FEASIBILITY STUDY PRE-PROGRAMMING PROCESS PROGRAMMING PROCESS

PROJECT COSTS

A. RIGHT OF WAY

1. PROPERTY (LAND AND EASEMENTS)	\$ <u>2,409,000</u>
2. DISPLACEMENTS	\$ <u>6,120,000</u>
3. OTHER COSTS	\$ <u>11,449,000</u>
SUBTOTAL	\$ <u>19,978,000</u>

B. REIMBURSABLE UTILITIES

1. RAILROAD	\$ <u>0</u>
2. TRANSMISSION LINES	\$ <u>0</u>
3. SERVICES	\$ <u>LGPA</u>
SUBTOTAL	\$ <u>LGPA</u>

C. MAJOR STRUCTURES

1. WALLS	\$	<u>0</u>
<hr/>		
2. BRIDGE STREAM CROSSINGS	\$	<u>4,771,000</u>
REPLACE 2 BRIDGES AND ADD 2 PARALLEL STRUCTURES		
<hr/>		
3. BRIDGE OVER/UNDERPASS	\$	<u>0</u>
<hr/>		
4. BOX CULVERTS	\$	<u>0</u>
<hr/>		
	SUBTOTAL	\$ <u><u>4,771,000</u></u>

D. GRADING AND DRAINAGE

1. EARTHWORK	\$	<u>1,835,000</u>
782,640 CY U.E.; 195,660 CY ROCK		
<hr/>		
2. DRAINAGE		
a. Cross Drain Pipes (Excl. Box Culverts)	\$	<u>401,000</u>
THIS ITEM IS INCLUDED IN LONGITUDINAL SYSTEM		
<hr/>		
b. Curb and Gutter	\$	<u>0</u>
<hr/>		
c. Longitudinal System (Incl. Catch Basins)	\$	<u>0</u>
<hr/>		
	SUBTOTAL	\$ <u><u>2,236,000</u></u>

E. BASE AND PAVING

1. AGGREGATE BASE	\$	<u>1,405,000</u>
113,287 T 12.00 IN.		
<hr/>		
2. ASPHALT PAVING	\$	<u>3,115,000</u>
99034 T-1.5 IN. "E"; 2.00 IN "B"; 8.00 IN ASPHALTIC CONCRETE BASE		
<hr/>		
3. CONCRETE PAVING	\$	<u>0</u>
<hr/>		
4. OTHER	\$	<u>452,000</u>
<hr/>		
	SUBTOTAL	\$ <u><u>4,972,000</u></u>

F. LUMP ITEMS

1. TRAFFIC CONTROL	\$	<u>164,000</u>
<hr/>		
2. CLEARING AND GRUBBING	\$	<u>878,000</u>
143 ACRES		
<hr/>		
3. LANDSCAPING	\$	<u>241,000</u>
<hr/>		
4. EROSION CONTROL	\$	<u>235,000</u>
<hr/>		
5. DETOURS (INCL. TEMP. BRIDGES)	\$	<u>0</u>
<hr/>		
	SUBTOTAL	\$ <u><u>1,518,100</u></u>

G. MISCELLANEOUS

1. SIGNING/STRIPING	\$	<u>195,000</u>
<hr/>		
2. GUARDRAIL	\$	<u>107,000</u>
<hr/>		
3. OTHER	\$	<u>735,000</u>
<hr/>		
	SUBTOTAL	\$ <u><u>735,000</u></u>

H. SPECIAL FEATURES

2.4 MILES OF SIDE ROAD RELOCATION	\$	<u><u>1,896,000</u></u>
-----------------------------------	----	-------------------------

ESTIMATE SUMMARY

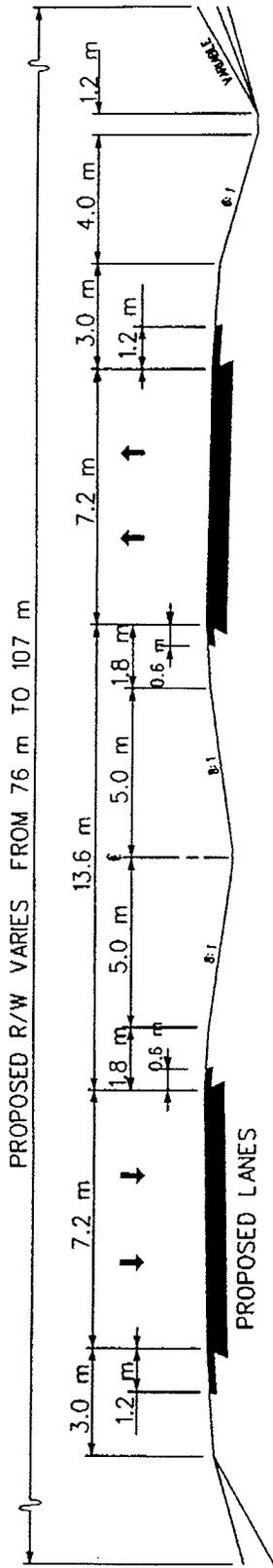
A. RIGHT OF WAY	\$	<u>19,978,000</u>
B. REIMBURSABLE UTILITIES	\$	<u>LGPA</u>

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	\$	<u>4,771,000</u>
D. GRADING AND DRAINAGE	\$	<u>2,236,000</u>
E. BASE AND PAVING	\$	<u>4,972,000</u>
F. LUMP ITEMS	\$	<u>1,518,000</u>
G. MISCELLANEOUS	\$	<u>1,037,000</u>
H. SPECIAL FEATURES	\$	<u>1,896,000</u>

SUBTOTAL CONSTRUCTION COST	\$	<u>16,430,000</u>
E. & C. (10%)	\$	<u>1,643,000</u>
INFLATION (2 YRS. @ 5% PER YEAR)	\$	<u>1,853,000</u>
TOTAL CONSTRUCTION COST	\$	<u><u>19,926,000</u></u>

GRAND TOTAL PROJECT COST **\$ 39,904,000**



PROPOSED LANES

(ELEVATION VARIES)

EXISTING LANES TO BE REMOVED

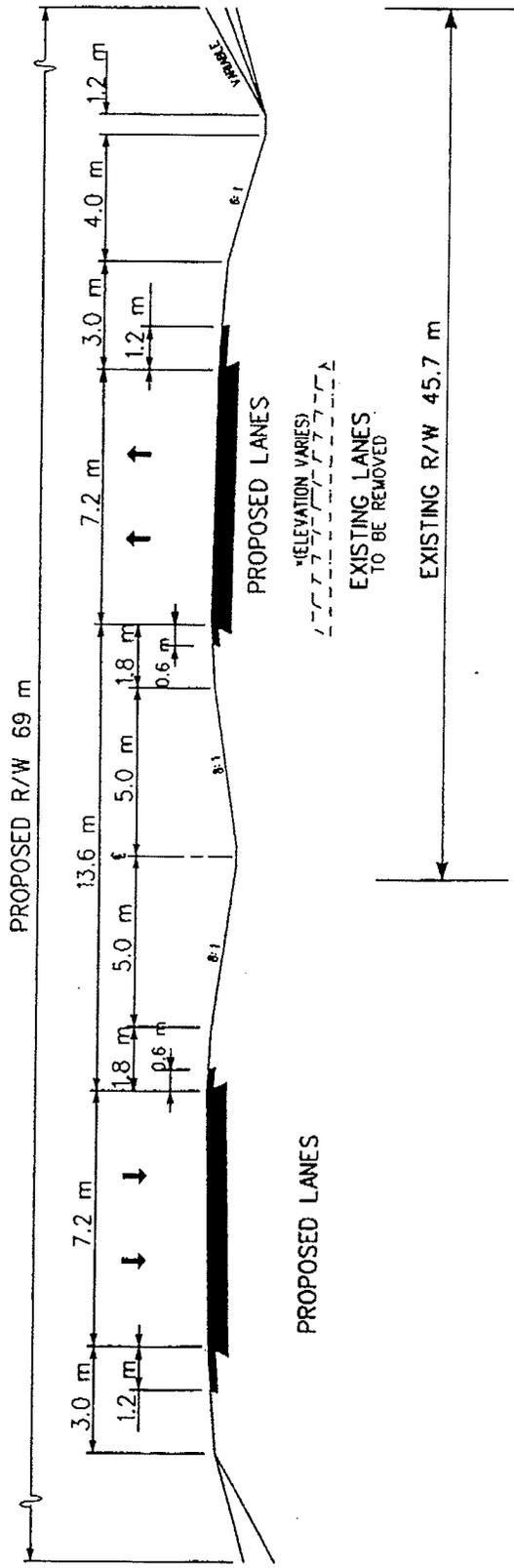
PROPOSED LANES

EXISTING R/W VARIES FROM 39.6 m TO 71.6 m

* WHERE VERTICAL RECONSTRUCTION IS REQUIRED

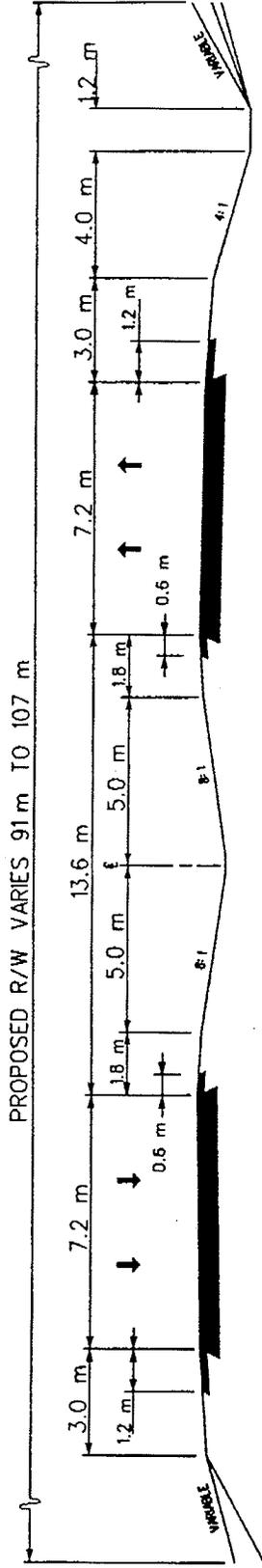
US 129/SR 11 IMPROVEMENTS
 STP-002-6(48) HALL CO.
 LIMITS SECTION APPLIES
 FROM US 129/SR 11/LIMESTONE RD.
 TO CR 87/ PARKER RD.

NOT TO SCALE



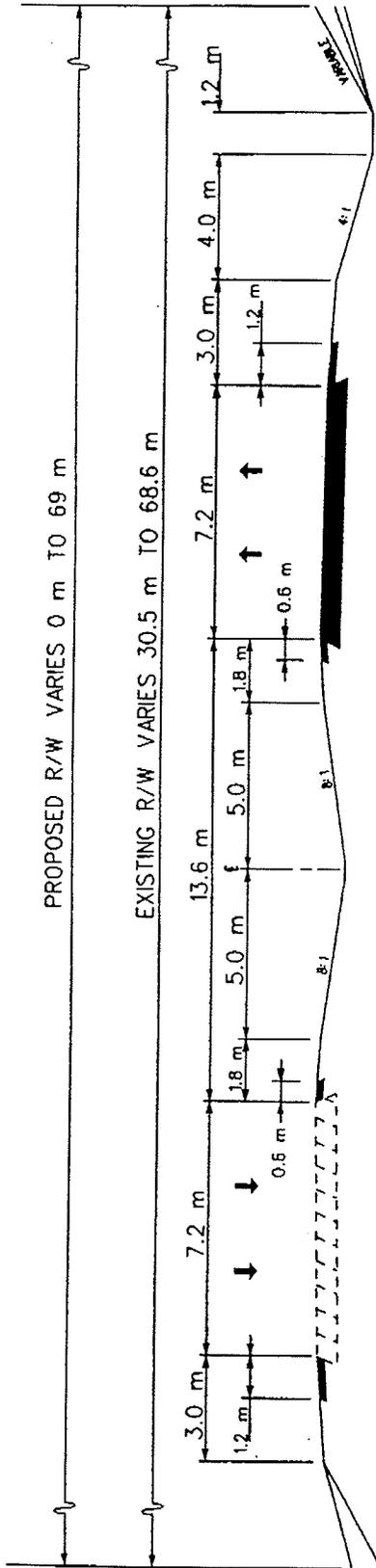
US 129/SR 11 IMPROVEMENTS
 STP-002-6(48) HALL CO.
 LIMITS SECTION APPLIES
 FROM CR 87/ PARKER RD.
 TO CR 69/OLD CLEVELAND HWY.

NOT TO SCALE



US 129/SR 11 IMPROVEMENTS
 STP-002-6(48) HALL CO.
 LIMITS SECTION APPLIES
 FROM EAST FORK LITTLE RIVER
 TO CR 74/ C.LOGGINS RD.

NOT TO SCALE



EXISTING LANES

PROPOSED LANES

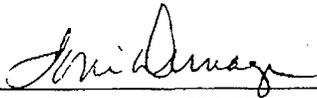
US 129/SR 11 IMPROVEMENTS
 STP-002-6(48) HALL CO.
 LIMITS SECTION APPLIES
 FROM CR 74/ C. LOGGINS RD
 TO APPROX. 0.8 km NORTH NOPONE RD.

NOT TO SCALE

PROJECT NUMBER/COUNTY: STP-002-6(48), BAF-002-6(49)(50) HALL CO.

P. I. NUMBER: 122000, 122064, 122066

This project concept is contained in the Transportation Improvement Program (TIP) 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 TIP and/or the STIP.



STATE TRANSPORTATION PLANNING ADMINISTRATOR

DATE: 7/24/98

ORIGINAL TO GENERAL FILES

D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-002-6(48)/BHF-002-6(49)/(50) OFFICE Preconstruction
Hall County
P. I. No. 122060/122064/122066 DATE December 18, 1997

FROM *CWH*
C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT REVISED PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

- Walker Scott
- Bobby Mustin
- David Studstill (ATTN: Harvey Keeper)
- Jerry Hobbs
- Herman Griffin
- Marta Rosen (ATTN: Michael Henry)
- Marion Waters
- Toni Dunagan
- Paul Liles
- Jim Hitt (Traffic Ops)
- Hugh Tyner
- Jim Kennerly

RECEIVED

DEC 22 1997

OFFICE OF PROGRAMMING

①	ADMIN	<i>[Signature]</i>
	DEV	<i>[Signature]</i>
	MGT	
②	SCHED	<i>[Signature]</i>
		<i>Reba</i>
	WINNETT - COST CHANGE 2/98	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

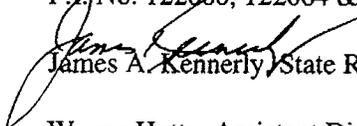
RECEIVED

DEC 06 1997

PRECONSTRUCTION

INTERDEPARTMENT CORRESPONDENCE

FILE STP-002-6(48), BHF-002-6(49) & (50) **DATE** December 2, 1997
Hall County
P.L.No. 122060, 122064 & 122066 **OFFICE** Atlanta

FROM  James A. Kennerly, State Road and Airport Design Engineer *RDB*

TO Wayne Hutto, Assistant Director of Preconstruction

SUBJECT Revised Project Concept Report

Attached for your review and further handling is the "Revised Concept Report" on the above project.

JAK:JG:dlj

Attachments

cc: Hugh Tynér

[Redacted signature area]

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-002-6(48), BHF-002-6(49) & (50) **DATE** December 2, 1997
 Hall County
 P.I. No. 122060, 122064 & 122066 **OFFICE** Atlanta

FROM *James A. Kennerly* James A. Kennerly, State Road and Airport Design Engineer

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

SUBJECT Revised Project Concept Report

The concept has been revised to include a 13.6 m depressed median in place of the approved 6 m raised median. The proposed typical section will be two lanes in each direction divided by a 13.6 m depressed grass median and rural shoulders on the outside. Project STP-002-6(60), which proposes improvements to Jim Hood/Nopone Road at US 129/SR 11 intersection just north of Gainesville, was separated out of project STP-002-6(48) and advanced forward because of a high accident rate.

The results of a comparative cost estimate show that a 13.6 m depressed grass median would cost approximately \$5,698,472 more to construct than a 6 m raised median. The total cost to build the proposed 13.6 m depressed median is \$27,704,472 compared to \$22,006,000 to build a 6 m raised median.

The revised cost estimates are as follows:

	<i>122060</i>	STP-002-6(48) Hall County	<i>R/W & CST LR</i>
		<u>Proposed</u>	<u>Approved</u>
Construction (infl., E&C)		\$11,261,781	\$13,507,000
Right-of-Way		\$ 7,035,505	\$ 7,732,000
Utilities		\$ LGPA	\$ LGPA
	<i>122064</i>	BHF-002-6(49) Hall County	<i>CST LR</i>
		<u>Proposed</u>	<u>Approved</u>
Construction (infl., E&C)		\$ 6,781,424	\$ 6,224,000
Right-of-Way		\$ 0	\$ 0
Utilities		\$ LGPA	\$ LGPA

BHF-002-6(50) Hall County

	<u>Proposed</u>	<u>Approved</u>
Construction (incl., E&C)	\$ 2,625,762	\$ 2,410,000
Right-of-Way	\$ 0	\$ 0
Utilities	\$ LGPA	\$ LGPA

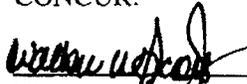
CST LR

This project is in the STIP. I recommend this project concept be approved. The approved cost estimate includes the cost for the intersection improvements now defined under project STP-002-6(60), P.I. 132690.

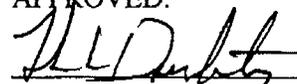
JAK:JG:dlj

Attachments: Cost Estimate, Typical Sections, Location Map

CONCUR:


Walker W. Scott, Jr., P.E.
Director of Preconstruction

APPROVED:


Frank L. Danchetz, P.E.
Chief Engineer

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-002-6(48)

COUNTY: Hall

DATE: 11-07-97

ESTIMATED LETTING DATE: LR

PREPARED BY:

PROJECT LENGTH (MILES): 8.70 km

() PROGRAMMING PROCESS () CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 1,176,605
2. DISPLACEMENTS; RES:13, BUS:8, M.H.:1 CONSEQUENTIAL DAMAGES	\$ 3,354,260
3. OTHER COST (ADM./COST, INFLATION)	\$ 2,504,640
SUBTOTAL: A	\$ 7,035,505
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES	\$ 0
SUBTOTAL: B	\$ 0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. RETAINING WALLS	\$ 0
b. BRIDGES	\$ 0
c. DETOURS BRIDGES	\$ 0
d. BOX CULVERTS	\$ 0
SUBTOTAL: C-1	\$ 0
2. GRADING AND DRAINAGE:	
a. EARTHWORK	\$ 3,616,775
b. DRAINAGE:	
1) Cross Drain Pipe (exclude box culverts)	\$ 70,000
2) Curb and Gutter	\$ 0
3) Longitudinal System(include catch basins)	\$ 0
SUBTOTAL: C-2	\$ 3,686,775
3. BASE AND PAVING:	

PROJECT COST		
a. AGGREGATE BASE		\$ 2,219,180
b. ASPHALT PAVING: Surface	\$ 620,600	
Binder	\$ 737,730	
Base	\$1,342,215	
SUBTOTAL: C-3.b		\$ 2,700,545
c. CONCRETE PAVING (APPROACH SLABS)		\$ 53,480
d. OTHER (LEVELING, TACK)		\$ 49,465
SUBTOTAL: C-3		\$ 5,022,670
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 135,000
b. CLEARING AND GRUBBING		\$ 572,200
c. LANDSCAPING		\$ 120,610
d. EROSION CONTROL		\$ 147,410
e. DETOURS		\$ 0
SUBTOTAL: C-4		\$ 975,220
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0
b. SIGNING - STRIPING - SIGNAL		\$ 31,000
c. GUARDRAIL		\$ 34,795
d. SIDEWALK - MEDIAN BARRIER		\$ 0
SUBTOTAL: C-5		\$ 65,795
6. SPECIAL FEATURES	SUBTOTAL: C-6	\$ 0

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		\$7,035,505
B. REIMBURSABLE UTILITIES		\$ 0
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ 0	
2. GRADING AND DRAINAGE	\$ 3,686,775	
3. BASE AND PAVING	\$ 5,022,670	
4. LUMP ITEMS	\$ 975,220	
5. MISCELLANEOUS	\$ 65,795	
6. SPECIAL FEATURES	\$ 0	

ESTIMATE SUMMARY		
SUBTOTAL CONSTRUCTION COST	\$	9,750,460
E. & C. (10%)	\$	975,046
INFLATION (5% PER YEAR)	\$	536,275
NUMBER OF YEARS	1	
TOTAL CONSTRUCTION COST		\$11,261,781
GRAND TOTAL PROJECT COST		\$18,297,286

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BHF-002-6(49)

COUNTY: Hall

DATE: 11-07-97

ESTIMATED LETTING DATE: LR

PREPARED BY:

PROJECT LENGTH (MILES): 0.25 km

() PROGRAMMING PROCESS () CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 0
2. DISPLACEMENTS; CONSEQUENTIAL DAMAGES	\$ 0
3. OTHER COST (ADM./COST, INFLATION)	\$ 0
SUBTOTAL: A	\$ 0
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES	\$ 0
SUBTOTAL: B	\$ 0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. RETAINING WALLS	\$ 0
b. BRIDGES	\$ 5,871,362
c. DETOURS BRIDGES	\$ 0
d. BOX CULVERTS	\$ 0
SUBTOTAL: C-1	\$ 5,871,362
2. GRADING AND DRAINAGE:	
a. EARTHWORK	
b. DRAINAGE:	
1) Cross Drain Pipe (exclude box culverts)	\$ 0
2) Curb and Gutter	\$ 0
3) Longitudinal System(include catch basins)	\$ 0
SUBTOTAL: C-2	\$ 0
3. BASE AND PAVING:	

PROJECT COST		
a. AGGREGATE BASE		\$ 0
b. ASPHALT PAVING: Surface	\$ 0	
Binder	\$ 0	
Base	\$ 0	
SUBTOTAL: C-3.b		\$ 0
c. CONCRETE PAVING (APPROACH SLABS)		\$ 0
d. OTHER (LEVELING, TACK)		\$ 0
SUBTOTAL: C-3		\$ 0
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 0
b. CLEARING AND GRUBBING		\$ 0
c. LANDSCAPING		\$ 0
d. EROSION CONTROL		\$ 0
e. DETOURS		\$ 0
SUBTOTAL: C-4		\$ 0
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0
b. SIGNING - STRIPING - SIGNAL		\$ 0
c. GUARDRAIL		\$ 0
d. SIDEWALK - MEDIAN BARRIER		\$ 0
SUBTOTAL: C-5		\$ 0
6. SPECIAL FEATURES	SUBTOTAL: C-6	\$ 0

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		\$ 0
B. REIMBURSABLE UTILITIES		\$ 0
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ 5,871,362	
2. GRADING AND DRAINAGE	\$ 0	
3. BASE AND PAVING	\$ 0	
4. LUMP ITEMS	\$ 0	
5. MISCELLANEOUS	\$ 0	
6. SPECIAL FEATURES	\$ 0	

ESTIMATE SUMMARY		
SUBTOTAL CONSTRUCTION COST		\$ 5,871,362
E. & C. (10%)		\$ 587,137
INFLATION (5% PER YEAR)		\$ 322,925
NUMBER OF YEARS	1	
TOTAL CONSTRUCTION COST		\$6,781,424
GRAND TOTAL PROJECT COST		\$6,781,424

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BHF-002-6(50)

COUNTY: Hall

DATE: 11-07-97

ESTIMATED LETTING DATE: LR

PREPARED BY:

PROJECT LENGTH (MILES): 0.12 km

() PROGRAMMING PROCESS () CONCEPT DEVELOPMENT () DURING PROJECT DEV.

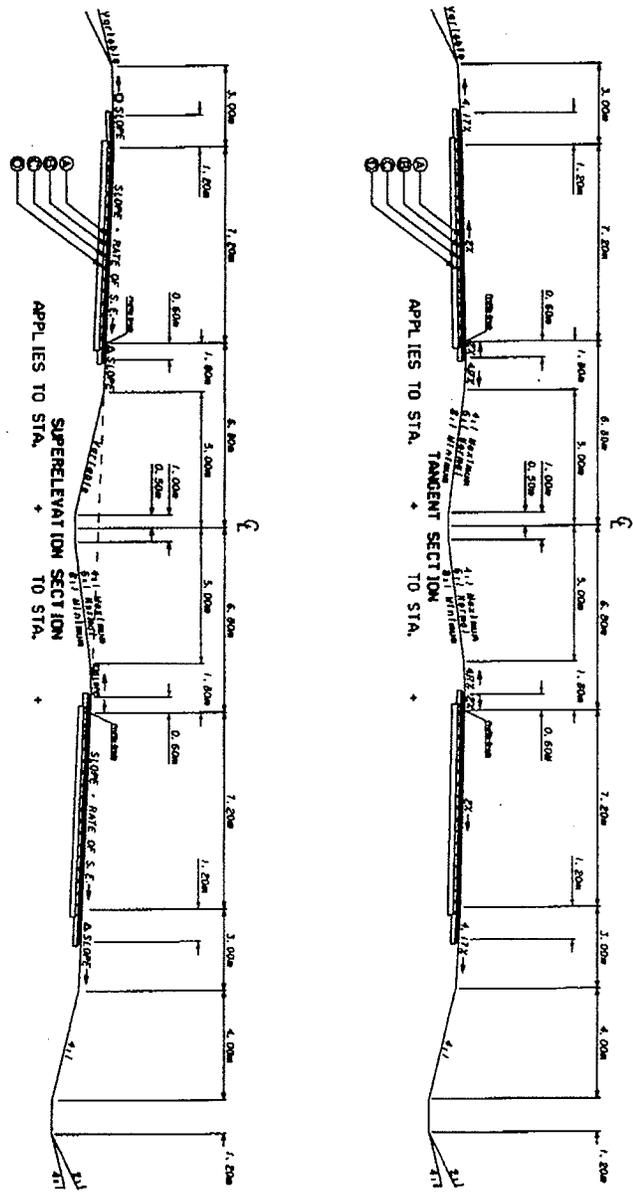
PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 0
2. DISPLACEMENTS; CONSEQUENTIAL DAMAGES	\$ 0
3. OTHER COST (ADM./COST, INFLATION)	\$ 0
SUBTOTAL: A	\$ 0
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES	\$ 0
SUBTOTAL: B	\$ 0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$ 0
a. RETAINING WALLS	\$ 0
b. BRIDGES	\$ 2,273,386
c. DETOURS BRIDGES	\$ 0
d. BOX CULVERTS	\$ 0
SUBTOTAL: C-1	\$ 2,273,386
2. GRADING AND DRAINAGE:	
a. EARTHWORK	\$ 0
b. DRAINAGE:	
1) Cross Drain Pipe (exclude box culverts)	\$ 0
2) Curb and Gutter	\$ 0
3) Longitudinal System(include catch basins)	\$ 0
SUBTOTAL: C-2	\$ 0
3. BASE AND PAVING:	

PROJECT COST		
a. AGGREGATE BASE		\$ 0
b. ASPHALT PAVING: Surface	\$ 0	
Binder	\$ 0	
Base	\$ 0	
	SUBTOTAL: C-3.b	\$ 0
c. CONCRETE PAVING (APPROACH SLABS)		\$ 0
d. OTHER (LEVELING, TACK)		\$ 0
	SUBTOTAL: C-3	\$ 0
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 0
b. CLEARING AND GRUBBING		\$ 0
c. LANDSCAPING		\$ 0
d. EROSION CONTROL		\$ 0
e. DETOURS		\$ 0
	SUBTOTAL: C-4	\$ 0
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0
b. SIGNING - STRIPING - SIGNAL		\$ 0
c. GUARDRAIL		\$ 0
d. SIDEWALK - MEDIAN BARRIER		\$ 0
	SUBTOTAL: C-5	\$ 0
6. SPECIAL FEATURES	SUBTOTAL: C-6	\$ 0

ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		\$ 0
B. REIMBURSABLE UTILITIES		\$ 0
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ 2,273,386	
2. GRADING AND DRAINAGE	\$ 0	
3. BASE AND PAVING	\$ 0	
4. LUMP ITEMS	\$ 0	
5. MISCELLANEOUS	\$ 0	
6. SPECIAL FEATURES	\$ 0	

ESTIMATE SUMMARY		
SUBTOTAL CONSTRUCTION COST		\$ 2,273,386
E. & C. (10%)		\$ 227,339
INFLATION (5% PER YEAR)		\$ 125,037
NUMBER OF YEARS	1	
TOTAL CONSTRUCTION COST		\$2,625,762
GRAND TOTAL PROJECT COST		\$2,625,762

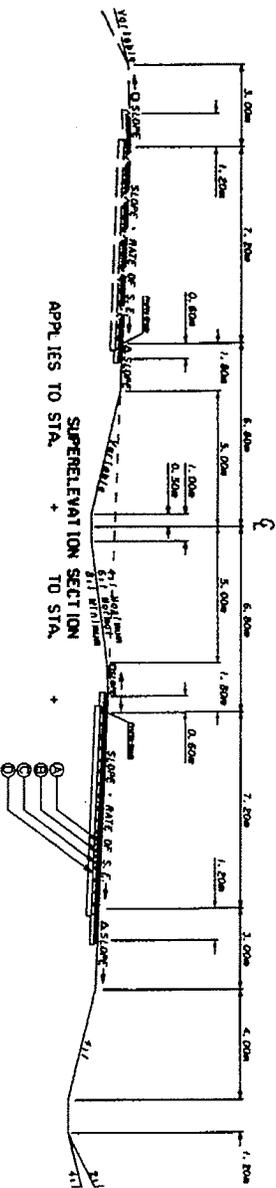
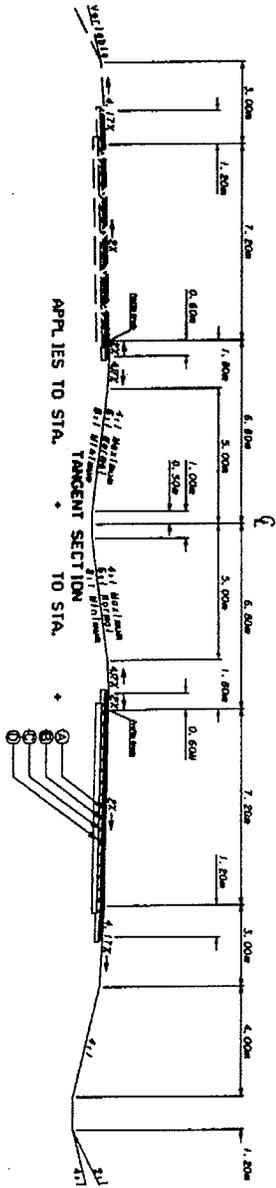
DATE	SYMBOL	REVISION
DA	SIP-002-8-49	



- REQUIRED PAVEMENT**
- ① ASPHALTIC CONCRETE 12.5 mm, 90 kg/m³
 - ② ASPHALTIC CONCRETE 19 mm, 120 kg/m³
 - ③ ASPHALTIC CONCRETE 25 mm, 240 kg/m³
 - ④ GRADED AGGREGATE 300 mm
 - ⑤ ASPHALTIC CONCRETE LEVELING, AS REQ'D

HALL COUNTY
P. I. No. 122080

DATE	BY	REVISION
04		
SIP-002-R-49		



- REQUIRED PAVEMENT**
- ① ASPHALTIC CONCRETE 12.5 mm, 90 kg/m³
 - ② ASPHALTIC CONCRETE 19 mm, 120 kg/m³
 - ③ ASPHALTIC CONCRETE 25 mm, 240 kg/m³
 - ④ GRADED AGGREGATE 300 mm
 - ⑤ ASPHALTIC CONCRETE LEVELING, AS REQ'D

HILL COUNTY
P. L. No. 122060



G.M.D. 570

HALL COUNTY

SCALE IN MILES



G.M.D. 411



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Routed
11-13-97

INTERDEPARTMENT CORRESPONDENCE

FILE STP-002-6(60) Hall County
P.I.No. 132690

OFFICE Road Design
Atlanta, Georgia

DATE November 13, 1997

FROM *James A. Kennerly*
James A. Kennerly, State Road & Airport Design Engineer

TO Wayne Hutto, Assistant Director of Pre-Construction

SUBJECT Revised Project Concept Report

Attached for your review and further handling is the "Revised Concept Report" on the above project.

JAK:JJG:crm

Attachments

cc: Hugh Tyner



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-002-6(60) Hall County **DATE** November 12, 1997
 P.I. No. 132690 **OFFICE** Atlanta

FROM  James A. Kennerly, State Road and Airport Design Engineer

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

SUBJECT Revised Project Concept Report

The concept has been revised to provide for a 13.6 m depressed median proposed on adjoining project STP-002-6(48). This project will be designed and needed right-of-way acquired to accommodate project STP-002-6(48), Hall County, which proposes a four lane with a 13.6 m depressed median in place of the approved raised median.

The results of a comparative-cost estimate show that a 13.6 m-depressed grass median would cost approximately \$167,793 more to construct than a 6 m raised median.

The revised cost estimates are as follows:

	STP-002-6(60) Hall County	
	<u>Proposed</u>	<u>Approved</u>
Construction (infl., E&C)	\$1,403,650	\$ 875,000
Right-of-Way	\$1,263,025	\$1,193,000
Utilities	\$ 50,000	\$ 50,000

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

JAK:JJG:dlj

Attachments: Cost Estimate, Typical Sections, Location Map

CONCUR:

APPROVED:

Walker W. Scott, Jr., P.E.
Director of Preconstruction

Frank L. Danchetz, P.E.
Chief Engineer

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-002-6(60)

COUNTY: Hall

DATE: 09-10-96

ESTIMATED LETTING DATE: 1999

Rev. 11-07-97

PREPARED BY:

PROJECT LENGTH (MILES): 1.20 km

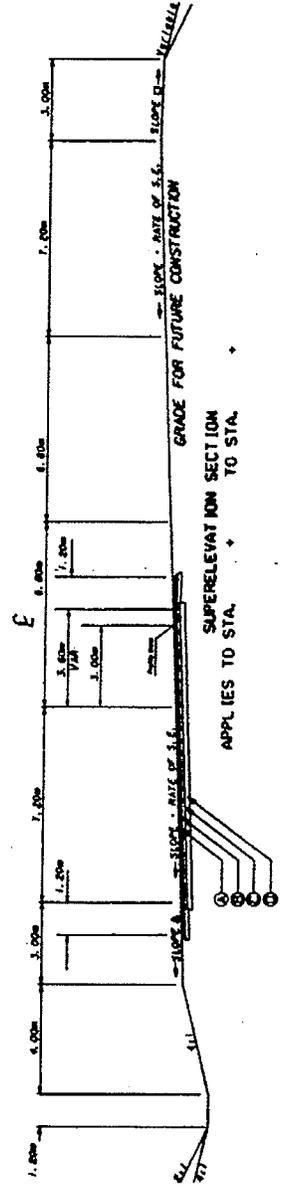
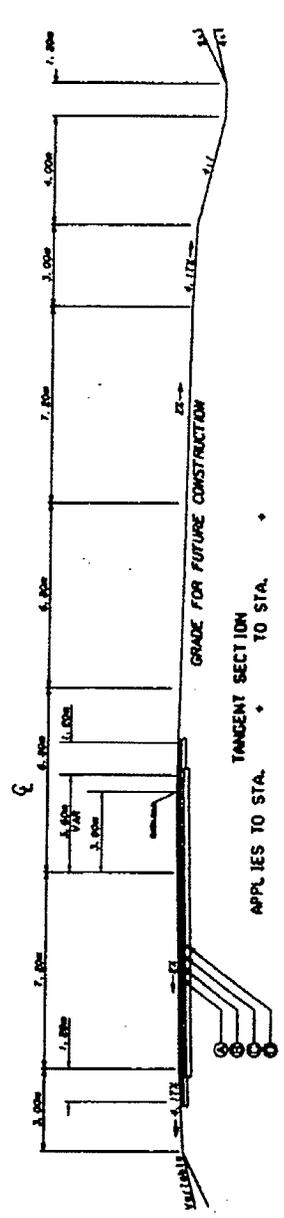
() PROGRAMMING PROCESS () CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 215,275
2. DISPLACEMENTS; RES:5, BUS:1, BARN:1, GARAGE:1 CONSEQUENTIAL DAMAGES	\$ 486,000
3. OTHER COST (ADM./COST, INFLATION)	\$ 561,750
SUBTOTAL: A	\$ 1,263,025
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES (TRANSFORMER PLATFORM RELOCATION)	\$ 50,000
SUBTOTAL: B	\$ 50,000
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	
a. RETAINING WALLS	\$ 0
b. BRIDGES	\$ 0
c. DETOURS BRIDGES	\$ 0
d. BOX CULVERTS	\$ 0
SUBTOTAL: C-1	\$ 0
2. GRADING AND DRAINAGE:	
a. EARTHWORK	\$ 480,000
b. DRAINAGE:	
1) Cross Drain Pipe (exclude box culverts)	\$ 35,000
2) Curb and Gutter	\$ 0
3) Longitudinal System(include catch basins)	\$ 0
SUBTOTAL: C-2	\$ 515,000
3. BASE AND PAVING:	

PROJECT COST		
a. AGGREGATE BASE		\$ 140,985
b. ASPHALT PAVING: Surface	\$ 53,580	
Binder	\$ 60,175	
Base	\$ 204,042	
SUBTOTAL: C-3.b		\$ 317,797
c. CONCRETE PAVING		\$ 0
d. OTHER (leveling, tack)		\$ 4,000
SUBTOTAL: C-3		\$ 462,782
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 50,000
b. CLEARING AND GRUBBING		\$ 37,500
c. LANDSCAPING		\$ 0
d. EROSION CONTROL		\$ 20,000
e. DETOURS		\$ 50,000
SUBTOTAL: C-4		\$ 157,500
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0
b. SIGNING - STRIPING - SIGNAL		\$ 60,000
c. GUARDRAIL		\$ 20,000
d. SIDEWALK - MEDIAN BARRIER		\$ 0
SUBTOTAL: C-5		\$ 80,000
6. SPECIAL FEATURES	SUBTOTAL: C-6	\$ 0

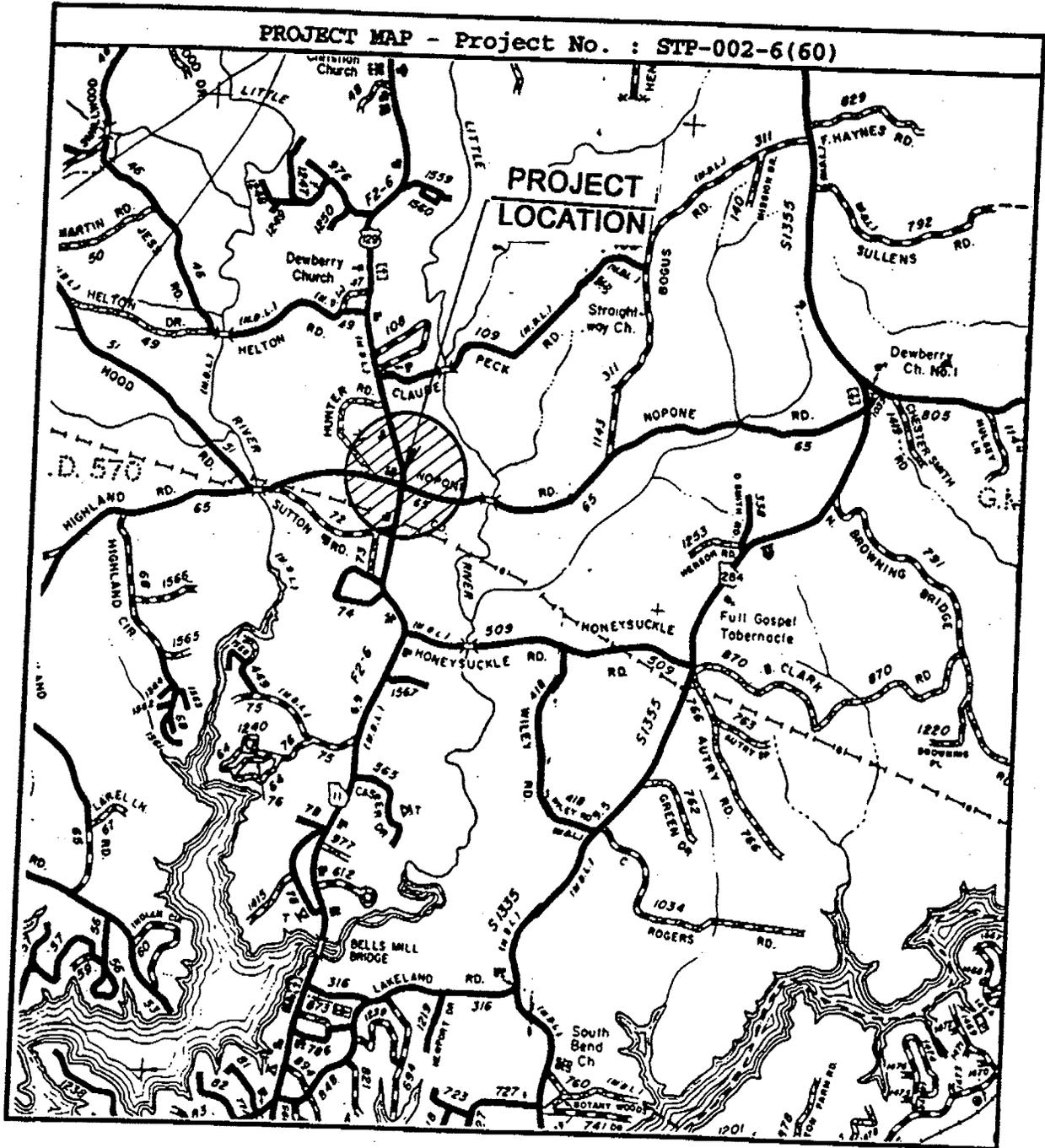
ESTIMATE SUMMARY		
A. RIGHT-OF-WAY		\$1,263,025
B. REIMBURSABLE UTILITIES		\$50,000
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$ 0	
2. GRADING AND DRAINAGE	\$ 515,000	
3. BASE AND PAVING	\$ 462,782	
4. LUMP ITEMS	\$ 157,500	
5. MISCELLANEOUS	\$ 80,000	
6. SPECIAL FEATURES	\$ 0	

ESTIMATE SUMMARY		
SUBTOTAL CONSTRUCTION COST	\$	1,215,282
E. & C. (10%)	\$	121,528
INFLATION (5% PER YEAR)	\$	66,840
NUMBER OF YEARS	1	
TOTAL CONSTRUCTION COST		\$ 1,403,650
GRAND TOTAL PROJECT COST		\$2,716,675



- REQUIRED PAVEMENT
- Ⓐ ASPHALTIC CONCRETE 'C', 12.5 mm
 - Ⓑ ASPHALTIC CONCRETE 'B', 19 mm
 - Ⓒ ASPHALTIC CONCRETE BASE, 25 mm
 - Ⓓ GRADED AGGREGATE BASE, 300 mm
 - Ⓔ ASPHALTIC CONCRETE LEVELING, AS REQ'D

HALL COUNTY
 P. I. No. 12690



ORIGINAL COPY - FOR GENERAL FILE
**DEPARTMENT OF TRANSPORTATION
 STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE FR-002-6(48); BHF-002-6(49) & (50) Hall Cos. **OFFICE** Preconstruction
 P.I. No. 122060; 122064 & 122066
 Needs Rating-N/A Suff. Rating-52.4; 56.0 **DATE** October 21, 1991

FROM *CWH/Hutto*
 C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - WIDENING SR 11 & BRIDGES

Attached for your files is the approval for subject project.

CWH/se

Attachment

DISTRIBUTION:

- John Lively
- Robert E. Humphrey
- David Studstill
- Herman Griffin
- Roland Hinners
- Darrell Elwell
- Winn Guthrie
- Kirby Hamil
- Hugh Tyner
- Paul Liles
- Ron Colvin
- FHWA



①	ADMIN	<i>[Signature]</i>
	DEV	✓ 10-23-91
	MGT	
②	SCM	✓ ZOV
	WINNETT	DWB ADD T.
	CWP	FY '95

10-22-91
 Percy
 Proceed to add to CWP
 and send LGPA
[Signature]

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE FR-002-6(48); BHF-002-6(49) & (50) Hall County OFFICE Preconstruction
P.I. No. 122060; 122064 & 122066
Needs Rating: N/A Suff. Rating-52.4; 56.0 DATE October 15, 1991

FROM Hoyt J. Nively, Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT WIDENING SR 11 & BRIDGES - PROJECT CONCEPT REPORT

This project is the widening of a 5.4 mile section of SR 11 and the construction of parallel bridges at Chattahoochee River and Little River, all between Limestone Road and Nopone Road north of Gainesville. The existing road has a rural section with 2 and 3 lanes on 100' of right-of-way. The bridges at Chattahoochee River and Little River are 32'x819' and 31'x382', respectively with each being steel and concrete. Base year and design year traffic is 18,700 VPD (1997) and 31,000 VPD (2017).

The proposed project will widen existing SR 11 between above termini to have a rural section with 4-12' lanes (2 each direction) w/20' raised median. Shoulders will be constructed to 10' w/4' paved. The parallel bridges will be constructed to 38' in width and length equal to that of existing bridges while the existing bridges will be retained. Substandard vertical curves and grades will be corrected to 55 MPH design speed except those at the bridge sites, which will be retained in order to keep the existing bridge grades "as is". A request for a design variance will be required for these. Environmental considerations are: (1) displacement of 18 residences, 9 businesses and 1 mobile home; (2) COE 404; (3) a public hearing will be held; (4) 7 possible UST sites. Traffic will be maintained on existing road during construction. The estimated cost of the projects are:

	<u>FR-002-6(48)</u>		
	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG. DATE</u>
Constr(Infl&E/C)	\$11,156,000	\$11,030,000	FY 95
Right-of-way	\$ 6,443,000	No Est.	Preprogram
Utilities	LGPA to be sent	-	

Hal Rives
Page 2
October 15, 1991

FR-002-6(48), BHF-002-6(49) & (50) Hall County

	<u>BHF-002-6(49)</u>		<u>PROG. DATE</u>
	<u>PROPOSED</u>	<u>APPROVED</u>	
Constr(Infl&E/C)	\$4,979,000	\$3,100,000	FY 95
Right-of-way	0	0	Preprogram
Utilities	0	0	

	<u>BHF-002-6(50)</u>		
Constr(Infl&E/C)	\$1,928,000	\$1,400,000	FY 95
Right-of-way	0	0	Preprogram
Utilities	0	0	

I recommend that we approve this project concept report, that the projects be removed from Preprogram Status and added to the Construction Work Program for implementation and proceed to a public hearing.

HJL/WLP/se

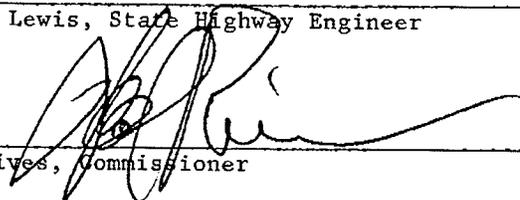
Attachment

CONCUR:



G. C. Lewis, State Highway Engineer

APPROVED:



Hal Rives, Commissioner

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE FR-002-6 (48), BHF-002-6 (49),(50) Hall OFFICE Atlanta, Georgia
P.I. No. 122060, 122064, 122066 County
Widening SR 11 & Bridge Replacement DATE October 11, 1991

FROM *R. E. Humphrey*
Robert E. Humphrey, Project Review Engineer

TO Hoyt J. Lively, Jr., Director of Preconstruction

SUBJECT PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for this Major project.

We have received signed cover sheets from the following offices:

Bridge Design

Traffic and Safety

Environmental

District Engineer

This report is satisfactory for approval.

The estimated costs of this project are as follows:

	<u>FR-002-6(48)</u>	<u>BHF-002-6(49)</u>	<u>BHF-002-6(50)</u>
Construction	\$8,819,000	\$3,983,000	\$1,542,200
Inflation (5% per year) x 3 yrs.	1,322,850	597,450	231,330
E & C (10%)	1,014,180	398,300	154,220
Preliminary Engineering (5%)	507,090	199,150	77,110
Right of Way	6,443,000	0	0
Utilities	LGPA	0	0

BM/jmf

Attachments

c: Roland W. Hinners

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE FR-002-6(48); BHF-002-6(49) & (50) Hall County OFFICE Preconstruction
P.I. Nos. 122060; 122064; 122066

DATE October 3, 1991

CWHutto
FROM C. Wayne Hutto, Assistant Director of Preconstruction

TO Robert E. Humphrey, Project Review Engineer-Engineering Services
ATTENTION Bobby Mustin

SUBJECT PROJECT CONCEPT REPORT - Widening SR 11 at Bridges

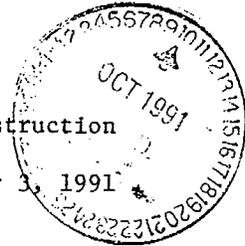
Attached is the original concept report for subject projects and the review transmittal letter from your office, dated August 13, 1991. The Director of Preconstruction returned the above to our office with his comments attached.

It is requested that your office review the project cost estimates with the 1st paragraph of Mr. Lively's comments in mind. Please make any necessary changes in the cost estimate and return same to this office as soon as possible.

Thank you for your cooperation and prompt response.

CWH:WLP/cj

Attachments



RECEIVED

OCT -2 1991

MEMO FROM

JOHN LIVELY
DIRECTOR OF PRECONSTRUCTION

October 1, 1991

TO: Wayne Hutto

I am returning the concept report for the widening of the SR11 roadway and bridges for projects FR-002-6(48), BHF-002-6(49), and BHF-002-6(50) Hall. I believe there is a mistake in the construction estimate reviewed by Engineering Services. The cost per square foot for the replacement bridge should be much greater than \$38 and there is no apparent estimate for the provision of New Jersey barrier on the outside of the existing bridges. It is therefore requested that you get with Engineering Services to review the estimates. A copy of the existing bridge elevation view and cross section is attached.

Also, I understand that the median width flares from 20' to 44' at the bridges. This needs to be indicated in the summary narrative.

If you have any questions concerning the above, please do not hesitate to contact me.

HJL



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE FR-002-6(48) HALL COUNTY **OFFICE** Atlanta, Georgia
BHF-002-6(49) & BHF-002-6(50)
P.I. No. 122060, 122064 & 122066 **DATE** April 18, 1991

FROM *Walker W. Scott, Jr.*
Walker W. Scott, Jr., P.E., State Road & Airport Design Engineer *JAK*

TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT Project Concept Report Approval

Attached is a copy of the revised project concept report of the above project for your review and further handling. If there are any additional questions, please contact Ron Braziel (656-5400) of this office.

WWS:AAG
Attachments

c: Juan Durrence
Wayne Hutto, w/att
Frank Danchetz, w/att
Ron Colvin, w/att
Van Ethridge, w/att

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF ROAD AND AIRPORT DESIGN



PROJECT CONCEPT REPORT

FR-002-6(48)
BHF-002-6(49) & (50)
HALL COUNTY

FEDERAL ROUTE NO: 129
STATE ROUTE NO: 11
GADOT P.I. NO: 122060

Date of Report: APR-15-1991

RECOMMENDATION FOR APPROVAL	
<u>May 23, 1991</u> DATE	<u><i>W. K. ...</i></u> State Road & Airport Design Engineer
_____ DATE	_____ State Environmental Engineer
_____ DATE	_____ State Traffic & Safety Engineer
<u>6-7-91</u> DATE	<u><i>Hugh L. Turner</i></u> District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA



INTERDEPARTMENT CORRESPONDENCE

FILE F-002-6 (48), Hall County OFFICE Gainesville, Georgia
 BHF-002-6 (49) & BHF-002-6 (50)
 P.I. Nos. 122060, 122064 & 122066 DATE June 10, 1991

FROM Hugh L. Tyner, District Engineer *HLT*

TO Robert E. Humphrey, Project Review Engineer, Atlanta

SUBJECT Project Concept Review

This is to advise this office has reviewed the Concept Report for the above proposed projects. The widening and reconstruction from Limestone Road to Nopone Road from two and three lanes to a 4-lane divided roadway with a 20' raised median utilizing a 55 MPH speed design criteria except for the bridges over the Chattahoochee River and Little River will improve safety as well as capacity along the proposed segment of roadway.

We do request Limestone Road have continuity with US 129 and relocate US 129 Business to a 90 degree intersection with Tapawingo Drive. This will eliminate a safety problem with residents of Tapawingo Subdivision. This intersection will probably warrant a traffic signal.

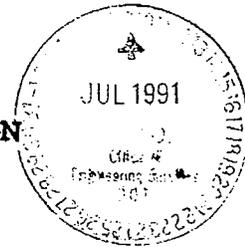
If this office may be of further assistance, please advise.

HLT:shg

attachment



DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF ROAD AND AIRPORT DESIGN



PROJECT CONCEPT REPORT

FR-002-6(48)
BHF-002-6(49) & (50)
HALL COUNTY

FEDERAL ROUTE NO: 129
STATE ROUTE NO: 11
GADOT P.I. NO: 122060

Date of Report: APR-15-1991

RECOMMENDATION FOR APPROVAL	
DATE	State Road & Airport Design Engineer
DATE	State Environmental Engineer
DATE	State Traffic & Safety Engineer
DATE	District Engineer
7/8/91 DATE	<i>Paul V. Tiller Jr.</i> STATE BRIDGE ENGINEER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE FR-002-6 (48), BHF-002-6 (49) & (50) OFFICE Environment/Location
Hall County, P.I. Nos. 122060, 122064,
& 122066, S.R. 11 DATE June 3, 1991

FROM David E. Studstill, P.E., State Environmental/Location Engineer

TO Robert Humphrey, Project Review Engineer

SUBJECT CONCEPT REPORT

The concept report for the above listed project has been reviewed. The "No-Build Alternative" should not be ruled out. Federal regulations, specifically The National Environmental Policy Act of 1969, requires that we include an alternative of "no action" (The No-Build Alternative) in the environmental assessment of all Federal Aid projects.

If you have any questions, please let me know.

FLD/GAS/gas

cc: Walker W. Scott, Jr.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
OFFICE OF ROAD AND AIRPORT DESIGN



PROJECT CONCEPT REPORT

FR-002-6(48)
BHF-002-6(49) & (50)
HALL COUNTY

FEDERAL ROUTE NO: 129
STATE ROUTE NO: 11
GADOT P.I. NO: 122060

Date of Report: APR-15-1991

RECOMMENDATION FOR APPROVAL	
<u>May 23, 1991</u> DATE	<u><i>W. K. Wood</i></u> State Road & Airport Design Engineer
DATE	State Environmental Engineer
<u>5/31/91</u> DATE	<u><i>Ron Williams</i></u> State Traffic & Safety Engineer
DATE	District Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE FR-002-6 (48), BHF-002-6 (49) OFFICE Atlanta, Ga.
BHF-002-6 (50), Hall County
P.I. No. 122060, 122064 & 122066 DATE May 28, 1991

FROM Ron Colvin, P.E., State Traffic & Safety Engineer

TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT Project Concept Report Review

We have reviewed the concept report on the above project for widening and reconstruction of S.R. 11 located north of Gainesville from Limestone Road to Nopone Road. Design speed is 55 MPH. Length of project is 5.400 miles.

Project FR-002-6 (48) will widen the existing two and three lane roadway to a four lane divided facility with a 20 ft. raised median.

Project FR-002-6 (49) provides for construction of a new parallel 818.5' X 38' bridge over the Chattahoochee River. The existing 818.5' X 32' bridge will be retained.

? Project FR-002-6 (49) provides for construction of a new parallel 818.5' X 38' bridge over the Chattahoochee River. The existing 818.5' X 32' bridge will be retained.

Project FR-002-6 (50) provides for construction of a new parallel (381.5' X 38' bridge over the Little River. The existing 381.5' X 31' bridge will be retained.

We note that approximately 70% of the existing pavement will be removed and the roadway reconstructed to meet 55 MPH design speed since the existing vertical alignment is inadequate.

We also note that a design variance is needed for roadway approach sections to the existing bridges. The Chattahoochee River Bridge, vertical alignment consists of a 36 MPH Sag, 47 MPH crest and 41 MPH sag and the Little River Bridge has a 43 MPH sag; 55 MPH crest and 39 MPH sag.

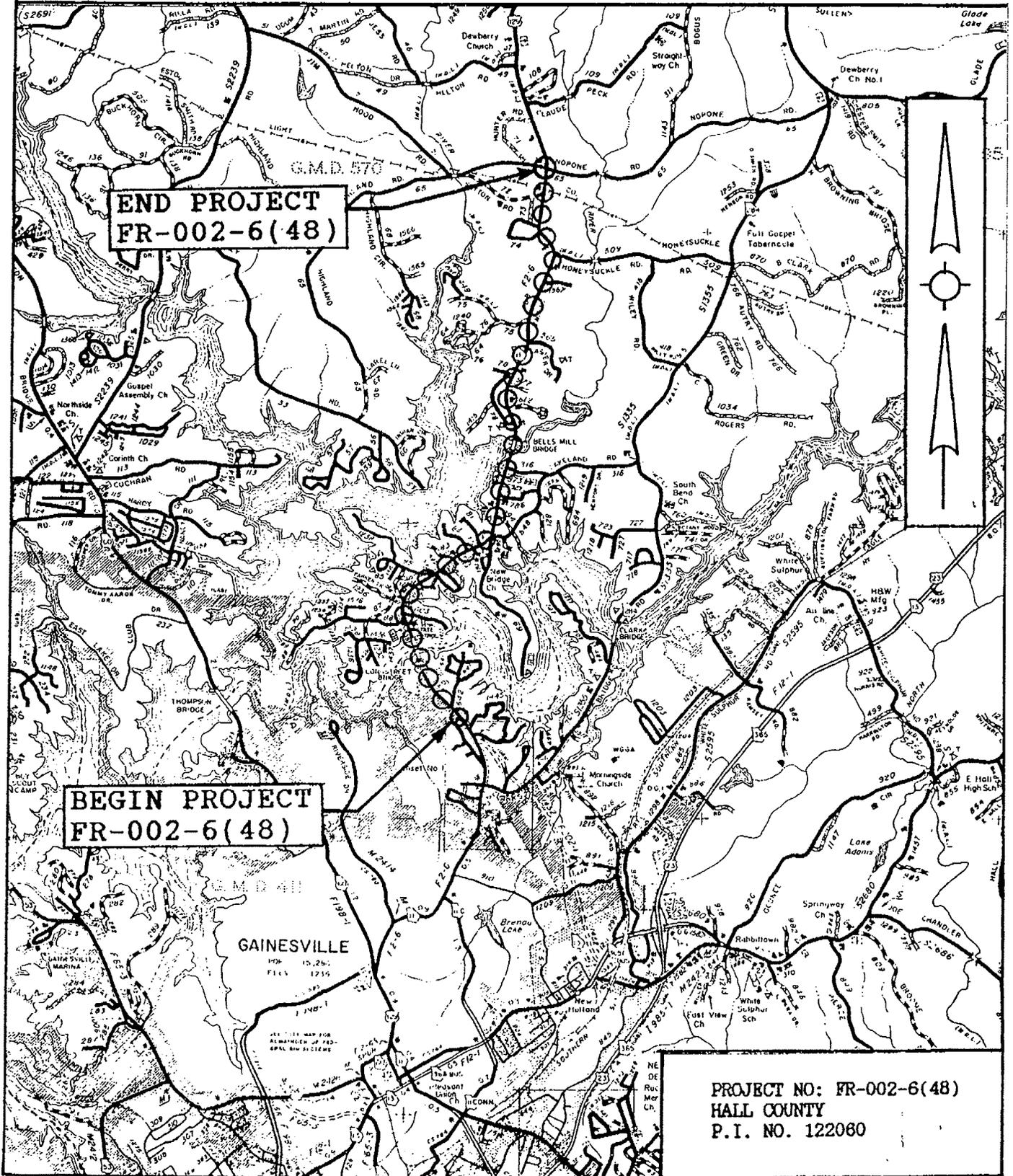
With approval of a design variance, inclusion of the above roadway design modifications and with adequate advance warning signs for the bridge approaches, we find the report satisfactory for approval.

RC:LEO:lw

Attachment (signature page)

cc: Walker W. Scott; Hugh Tyner - Gainesville; Burt Riddle

LOCATION SKETCH



PROJECT CONCEPT REPORT

PAGE 3
P.I. NO: 122060

PROJECT NUMBER: FR-002-6(48)

PROJECT LOCATION & DESCRIPTION

PROJECT FR-002-6(48) CONSISTS OF THE WIDENING AND RECONSTRUCTION OF S.R. 11, NORTH OF GAINESVILLE FROM LIMESTONE ROAD TO NOPONE ROAD. PROPOSED CONSTRUCTION WILL WIDEN THE EXISTING 2 AND 3 LANE ROADWAY TO A 4 LANE DIVIDED ROADWAY WITH A 20 FOOT RAISED MEDIAN WITH ROADWAY DITCHES LEFT AND RIGHT. PROJECTS BHF-002-6(49) AND BHF-002-6(50) CONSIST OF THE CONSTRUCTION OF PARALLEL BRIDGES OVER THE LITTLE RIVER AND CHATTAHOOCHE RIVER.

PROJECT LENGTH: 5.400 MILES

TRAFFIC

CURRENT		PROJECTED	
YEAR	AADT	YEAR	AADT
<u>1997</u>	<u>18650</u>	<u>2017</u>	<u>31000</u>

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

MAJOR PROJECT ON EXISTING LOCATION

RURAL MINOR ARTERIAL

PROJECT NEED & PURPOSE

GAINESVILLE/HALL COUNTY'S TRANSPORTATION NETWORK CONSISTS OF WIDELY SPACED RADIAL ROUTES WITH FEW LAKE CROSSINGS AND LIMITED INTER-RADIAL CONNECTORS. AS A RESULT, TRAFFIC IS REQUIRED TO CONCENTRATE ON THESE ROUTES WITH LITTLE OPPORTUNITY TO DISPERSE. THE PROPOSED IMPROVEMENT IS A RESULT OF SUCH CONDITION. SERVING THE NORTH CENTRAL AREA OF HALL COUNTY, SR 11 PROVIDES ACCESS TO AREAS UNDER INCREASING DEVELOPMENT PRESSURE. IN ADDITION, S.R. 11 HAS AND WILL CONTINUE TO BE A MAJOR TRAVEL ROUTE FOR CLEVELAND, HELEN, UNICOI STATE PARK, AND NORTHEAST GEORGIA IN GENERAL.

EXISTING ROADWAY

TYPICAL SECTION: 2 AND 3 LANE RURAL

R/W WIDTH
100 FT

POSTED SPEED
55 MPH

MAX DEGREE OF CURVE
10.00 DEG.

MAX GRADE
6.00 %

MAJOR STRUCTURES:

1. 818.5' X 32' BRIDGE OVER CHATTAHOOCHE RIVER, CONCRETE DECK WITH STEEL AND CONCRETE SUBSTRUCTURE, SUFFICIENCY RATING 52.4
2. 381.5' X 31' BRIDGE OVER LITTLE RIVER, CONCRETE DECK WITH STEEL AND CONCRETE SUBSTRUCTURE, SUFFICIENCY RATING 56.0
- 3.

PROPOSED ROADWAY

TYPICAL SECTION: 4-LANE RURAL DIVIDED WITH A 20 FT RAISED MEDIAN

DESIGN SPEED
55 MPH

MAX DEGREE OF CURVE;
ALLOWABLE: 6.00 DEG.
PROPOSED: 6.00 DEG.

MAX GRADE;
ALLOWABLE: 4.00 %
PROPOSED: 6.00 %

MAJOR STRUCTURES: CONSTRUCT A PARALLEL 818.5' X 38' BRIDGE AND RETAIN THE EXISTING BRIDGE
CONSTRUCT A PARALLEL 381.5' X 38' BRIDGE AND RETAIN THE EXISTING BRIDGE

PROPOSED RIGHT OF WAY

R/W WIDTH
180 FT

DISPLACEMENTS

RES.: 18 BUS.: 9 M.H.: 1

TYPE OF ACCESS CONTROL: BY DRIVEWAY PERMIT

COORDINATION

CONCEPT TEAM MEETING DATE: APRIL 5, 1991
LOCATION INSPECTION DATE: NONE
PERMITS REQUIRED (COE, 404, etc.): COE, 404, FEMA
LEVEL OF PUBLIC INVOLVEMENT: A PUBLIC HEARING WILL BE HELD
TIME SAVING PROCEDURES APPROPRIATE: NO
OTHER PROJECT IN THE AREA: FR-002-6(55)

MISCELLANEOUS

TRAFFIC CONTROL DURING CONSTRUCTION: WILL BE CONSTRUCTED UNDER
TRAFFIC
LEVEL OF ENVIRONMENTAL ANALYSIS: ENVIRONMENTAL ASSESSMENT
DESIGN VARIANCES REQUIRED: 1.) A 6 % VERTICAL GRADE AND 2.) 2
SECTIONS OF ROADWAY WITH SPEED DESIGN
LESS THAN 55 MPH.
UNDERGROUND STORAGE TANKS: 7 POSSIBLE SITES
HAZARDOUS WASTE SITES: NONE

ALTERNATIVES CONSIDERED

1. NO BUILD.
DISCOUNTED BECAUSE OF FAILURE TO MEET PROJECT NEED.
2. 44' WIDE MEDIAN. DISCOUNTED DUE TO EXCESSIVE ADJACENT
PROPERTY IMPACTS.

ESTIMATED COST	
CONSTRUCTION: \$ 8,666,194	RIGHT-OF-WAY: \$ 6,443,000
E & C (10) : \$ 866,619	ACQUIRED BY: D.O.T
INFLATION : \$ 1,906,563	UTILITIES : \$ 41,750
	ADJUSTED BY: LGPA
TOTAL CONSTRUCTION COST: \$ 11,439,376	

COMMENTS: DUE TO THE INADEQUATE EXISTING VERTICAL ALIGNMENT APPROXIMATELY 70 % OF THE EXISTING PAVEMENT WILL BE REMOVED IN ORDER TO MEET THE SPEED DESIGN OF 55 MPH. ALSO IN ORDER TO BE ABLE TO MAINTAIN THE EXISTING BRIDGES OVER THE CHATTAHOOCHE RIVER AND THE LITTLE RIVER, IT WILL BE NECESSARY TO OBTAIN A DESIGN VARIANCE FOR THE APPROACH SECTIONS TO THE EXISTING BRIDGES, AND ON THE CREST ON THE EXISTING BRIDGE OVER THE LITTLE RIVER.
PROJECT NUMBER: FR-002-6(48)

ATTACHMENTS: TYPICAL SECTION, CONCEPT MEETING MINUTES
PREPROGRAM DOCUMENT, COST ESTIMATE

ESTIMATED COST			
CONSTRUCTION:	\$ 2,578,275	RIGHT-OF-WAY:	\$ 0
E & C (10) :	\$ 257,828	ACQUIRED BY:	D.O.T.
INFLATION :	\$ 567,221	UTITLITES :	\$ 0
		ADJUSTED BY:	LGPA
TOTAL CONSTRUCTION COST:		\$ 3,403,324	

COMMENTS: THIS PROJECT CONSIST OF THE CONSTRUCTION OF A PARALLEL BRIDGE
OVER THE CHATTAHOOCHE RIVER.
PROJECT NUMBER: BHF-002-6(49)

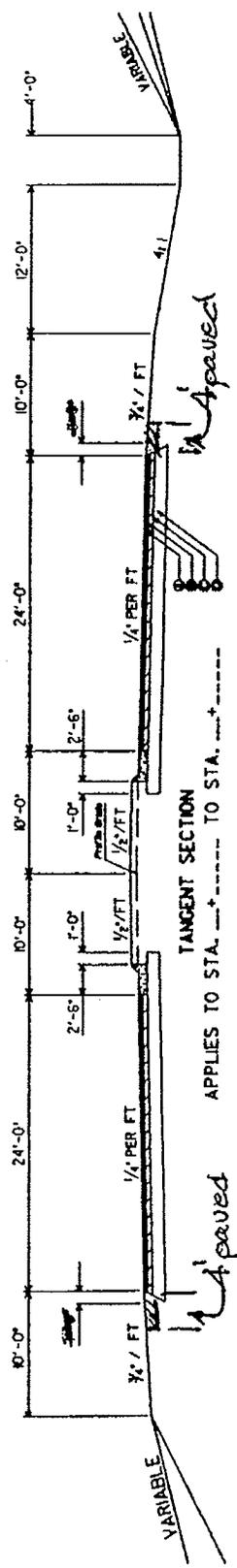
ATTACHMENTS: TYPICAL SECTION, CONCEPT MEETING MINUTES
PREPROGRAM DOCUMENT, COST ESTIMATE

ESTIMATED COST			
CONSTRUCTION:	\$ 1,220,800	RIGHT-OF-WAY:	\$ 0
E & C (10) :	\$ 122,080	ACQUIRED BY:	D.O.T.
INFLATION :	\$ 268,576	UTILITIES :	\$ 0
		ADJUSTED BY:	LGPA
TOTAL CONSTRUCTION COST:		\$ 1,611,456	

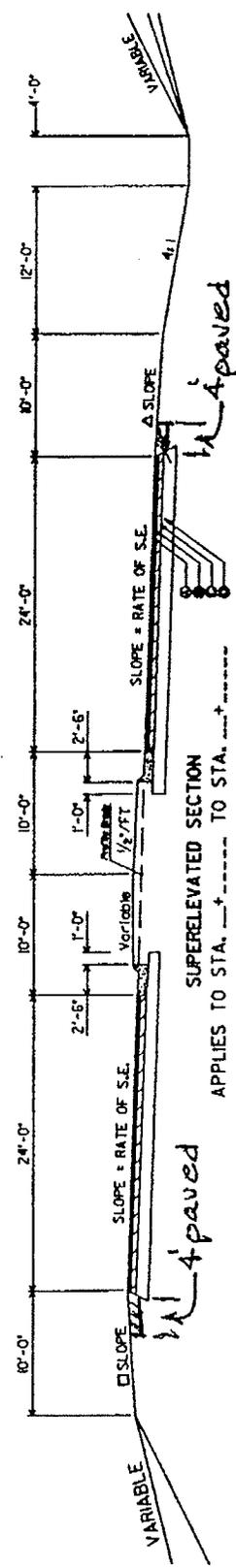
COMMENTS: THIS PROJECT CONSIST OF THE CONSTRUCTION OF A PARALLEL BRIDGE OVER THE LITTLE RIVER.
PROJECT NUMBER: BHF-002-6(50)

ATTACHMENTS: TYPICAL SECTION, CONCEPT MEETING MINUTES
PREPROGRAM DOCUMENT, COST ESTIMATE

PROJECT NO.	100-100-100
DATE	10/1/68
BY	J.L.
CHECKED	J.L.
APPROVED	J.L.
SCALE	AS SHOWN

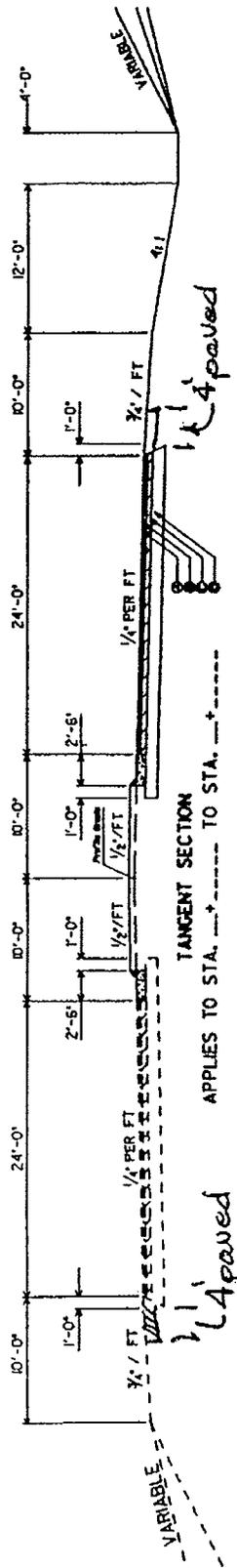


- ① REQUIRED PAVEMENT
- ② ASPHALTIC CONCRETE 1 1/2"
- ③ ASPHALTIC CONCRETE 1"
- ④ ASPHALTIC CONCRETE BASE 4"
- ⑤ GRAVEL AGGREGATE BASE 4"
- ⑥ ASPHALTIC CONCRETE LEVELING AS NEEDED



- △ SLOPE 3/4" / 1'-0" OR RATE OF S.E. WHICHEVER IS GREATER
- SLOPE AS FOLLOWS
- S.E. RATE OF 0.001/FT. OR LESS USE 1/4" IN 1'-0"
- S.E. RATE OF 0.002/FT. USE 3/8" IN 1'-0"
- S.E. RATE OF 0.003/FT. USE 1/2" IN 1'-0"
- S.E. RATE OF 0.004/FT. USE 5/8" IN 1'-0"
- S.E. RATE OF 0.005/FT. USE 3/4" IN 1'-0"
- S.E. RATE OF 0.006/FT. USE 7/8" IN 1'-0"
- S.E. RATE OF 0.007/FT. USE 1" IN 1'-0"
- ALGEBRAIC DIFFERENCE IN PAVING AND SHOULDER SLOPES NOT TO EXCEED 0.01/FT.

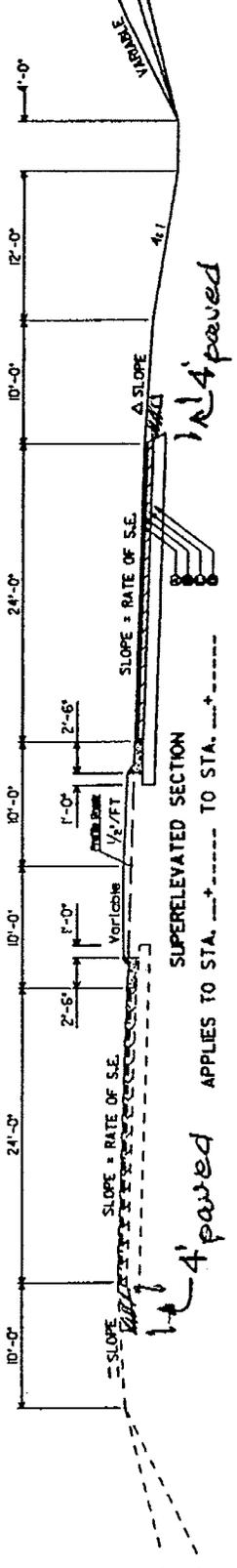
PROJECT	STATE	SECTION
04	DE	12-5-01



1/4 paved

TANGENT SECTION
APPLIES TO STA. TO STA. TO STA.

- REINFORCED PORTLAND CONCRETE 1" x 1/2"
- ASPHALTIC CONCRETE 1" x 2"
- ASPHALTIC CONCRETE BASE 4"
- DRAINED AGGREGATE BASE 4"
- ASPHALTIC CONCRETE LEVELING AS NEEDED



1/4 paved

SUPERELEVATED SECTION
APPLIES TO STA. TO STA. TO STA.

- △ SLOPE 3/4" / 1'-0" OR RATE OF S.E. WHICHEVER IS GREATER
- SLOPE AS FOLLOWS
- S.E. RATE OF 0.037/FT OR LESS USE 1/2" IN 1'-0"
- S.E. RATE OF 0.044/FT USE 3/4" IN 1'-0"
- S.E. RATE OF 0.050/FT USE 1" IN 1'-0"
- S.E. RATE OF 0.057/FT USE 1 1/4" IN 1'-0"
- S.E. RATE OF 0.064/FT USE 1 1/2" IN 1'-0"
- ALGEBRAIC DIFFERENCE IN FINISH AND SHOULDER SLOPES NOT TO EXCEED 0.01/FT

2. GRADING AND DRAINAGE:

a. EARTHWORK _____	\$	3,128,890
b. DRAINAGE:		
1) Cross Drain Pipe (exc.box culverts) _____	\$	86,967
2) Curb and Gutter (MEDIAN) _____	\$	456,192
3) Longitudinal System(incl.catch basins) _____	\$	0

SUBTOTAL:C-2 \$ 3,672,049

3. BASE AND PAVING:

a. AGGREGATE BASE _____ (specify type of base)	\$	1,796,972
b. ASPHALT PAVING:		
Surface _____	\$	513,099
Binder _____	\$	610,680
Base _____	\$	1,205,624

SUBTOTAL:C-3.b \$ 2,329,403

c. CONCRETE PAVING (APPROACH SLABS) _____	\$	39,907
d. OTHER (LEVELING, TACK) _____	\$	43,142

SUBTOTAL:C-3 \$ 4,209,424

4. LUMP ITEMS:

a. TRAFFIC CONTROL _____	\$	150,000
b. CLEARING AND GRUBBING _____	\$	458,182
c. LANDSCAPING _____	\$	90,000
d. EROSION CONTROL _____	\$	130,000 67,500
e. DETOURS _____	\$	0

828,182

SUBTOTAL:C-4 \$ ~~675,682~~

5. MISCELLANEOUS:

a. LIGHTING _____	\$	0
b. SIGNING - STRIPING - SIGNAL _____	\$	83,077
c. GUARDRAIL _____	\$	25,962
d. SIDEWALK - MEDIAN BARRIER _____	\$	0

SUBTOTAL:C-5 \$ 109,039

6. SPECIAL FEATURES _____	SUBTOTAL:C-6	\$	<u>0</u>
---------------------------	--------------	----	----------

ESTIMATE SUMMARY

A. RIGHT-OF-WAY \$ 6,443,000
B. REIMBURSABLE UTILITIES \$ 41,750

C. CONSTRUCTION

1. MAJOR STRUCTURES \$ 0
2. GRADING AND DRAINAGE \$ 3,672,049
3. BASE AND PAVING \$ 4,209,424
4. LUMP ITEMS \$ ~~675,682~~ 828,182
5. MISCELLANEOUS \$ 109,039
6. SPECIAL FEATURES \$ 0

SUBTOTAL CONSTRUCTION COST . \$ ~~8,666,194~~ 8,818,694
E. & C. (10%) \$ 866,619 *USE 8,819,000*
INFLATION (5% PER YEAR) . . \$ 1,906,563

TOTAL CONSTRUCTION COST \$ 11,439,376

GRAND TOTAL PROJECT COST \$ 17,924,126

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BHF-002-6(49) COUNTY: HALL
 DATE: APR-15-1991 ESTIMATED LETTING DATE: JUN-23-1995
 PREPARED BY: ADOLFO GUZMAN PROJECT LENGTH (MILES): 0.155
 () PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST

A. RIGHT-OF-WAY:

1. PROPERTY (land & easement)	_____	\$	0	
2. DISPLACEMENTS: Res.	Bus.	M.H.	\$	0
3. OTHER COST (adm./court, inflation)	_____	\$	0	
	SUBTOTAL:A	\$	0	

B. REIMBURSABLE UTILITIES:

1. RAILROAD	_____	\$	0
2. TRANSMISSION LINES	_____	\$	0
3. SERVICES	_____	\$	0
	SUBTOTAL:B	\$	0

C. CONSTRUCTION:

1. MAJOR STRUCTURES:

a. RETAINING WALLS	$\$1111/sf$	\$	0	\$3,748,000
b. BRIDGES	$818.5 @ 30' \times 41.25'$	\$	2,578,275	1,220,000
c. DETOUR BRIDGES	_____	\$	0	+ 235,000 RGRAB
d. BOX CULVERTS	_____	\$	0	3983,000
	SUBTOTAL:C-1	\$	<u>2,578,275</u>	3983,000

ESTIMATE SUMMARY

A. RIGHT-OF-WAY	\$	<u>0</u>	
B. REIMBURSABLE UTILITIES	\$	<u>0</u>	
C. CONSTRUCTION			
1. MAJOR STRUCTURES	\$	<u>2,578,275</u>	1,300,000
2. GRADING AND DRAINAGE	\$	<u>0</u>	1,290,000
3. BASE AND PAVING	\$	<u>0</u>	\$ 3,983,000
4. LUMP ITEMS	\$	<u>0</u>	
5. MISCELLANEOUS	\$	<u>0</u>	\$ 3,983,000
6. SPECIAL FEATURES	\$	<u>0</u>	1,290,000
SUBTOTAL CONSTRUCTION COST	\$	<u>2,578,275</u>	1,300,000
E. & C. (10%)	\$	<u>257,828</u>	
INFLATION (5% PER YEAR)	\$	<u>-567,221</u>	
TOTAL CONSTRUCTION COST	\$	<u>3,403,324</u>	
GRAND TOTAL PROJECT COST	\$	<u>3,403,324</u>	

PRELIMINARY COST ESTIMATE

PROJECT NUMBER: BHF-002-6(50) COUNTY: HALL
 DATE: APR-15-1991 ESTIMATED LETTING DATE: JUN-23-1995
 PREPARED BY: ADOLFO GUZMAN PROJECT LENGTH (MILES): 0.072
 () PROGRAMMING PROCESS (X) CONCEPT DEVELOPMENT () DURING PROJECT DEV.

PROJECT COST

A. RIGHT-OF-WAY:

1. PROPERTY (land & easement)	_____	\$	0
2. DISPLACEMENTS: Res.	Bus.	M.H.	\$ 0
3. OTHER COST (adm./court, inflation)	_____	\$	0
	SUBTOTAL:A	\$	<u>0</u>

B. REIMBURSABLE UTILITIES:

1. RAILROAD	_____	\$	0
2. TRANSMISSION LINES	_____	\$	0
3. SERVICES	_____	\$	0
	SUBTOTAL:B	\$	<u>0</u>

C. CONSTRUCTION:

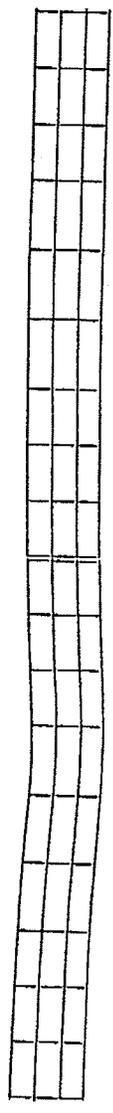
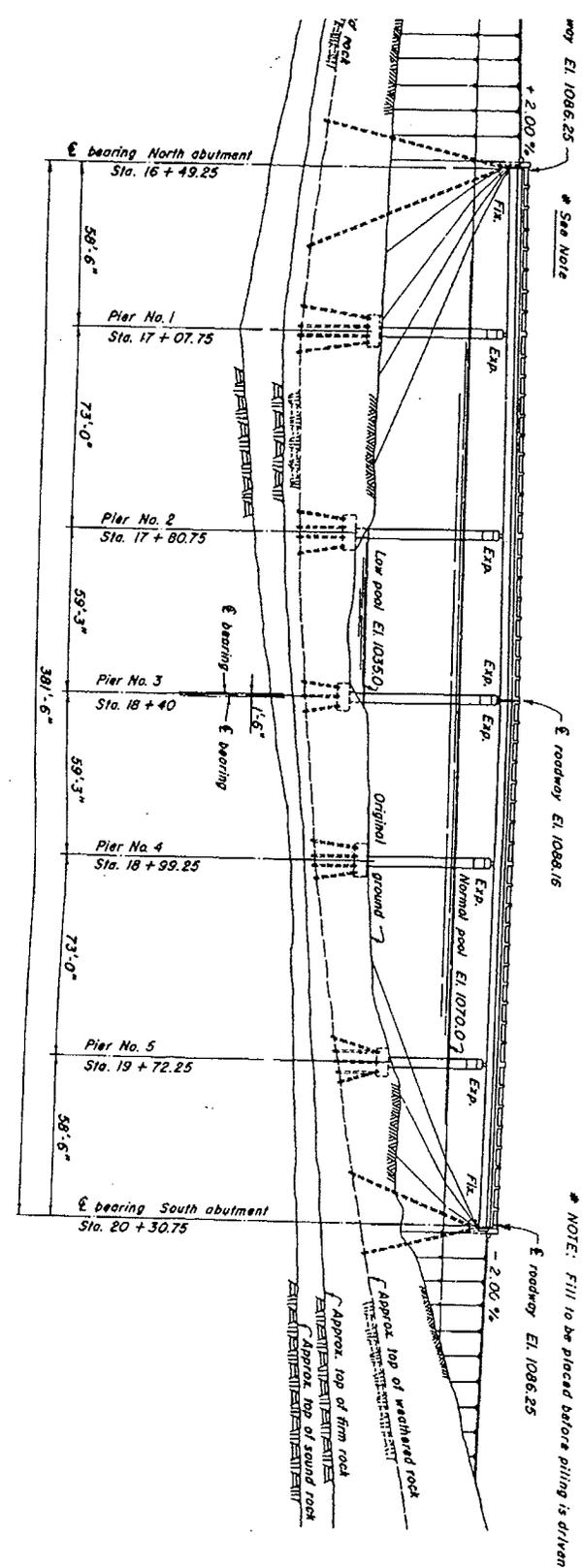
1. MAJOR STRUCTURES:

a. RETAINING WALLS	$\frac{198}{sf}$	\$	0	\$ 1,542,214
b. BRIDGES	$381.5 \times 41.25 \times 25$	\$	1,220,800	602,000
c. DETOUR BRIDGES	_____	\$	0	
d. BOX CULVERTS	_____	\$	0	
	SUBTOTAL:C-1	\$	<u>1,220,800</u>	1,542,214

2. GRADING AND DRAINAGE:			
a. EARTHWORK	_____	\$	0
b. DRAINAGE:			
1) Cross Drain Pipe (exc.box culverts)	_____	\$	0
2) Curb and Gutter	_____	\$	0
3) Longitudinal System(incl.catch basins)	_____	\$	0
		SUBTOTAL:C-2	\$ _____ 0
3. BASE AND PAVING:			
a. AGGREGATE BASE	_____	\$	0
(specify type of base)			
b. ASPHALT PAVING:			
Surface	_____	\$	0
Binder	_____	\$	0
Base	_____	\$	0
		SUBTOTAL:C-3.b	\$ _____ 0
c. CONCRETE PAVING	_____	\$	0
d. OTHER	_____	\$	0
		SUBTOTAL:C-3	\$ _____ 0
4. LUMP ITEMS:			
a. TRAFFIC CONTROL	_____	\$	0
b. CLEARING AND GRUBBING	_____	\$	0
c. LANDSCAPING	_____	\$	0
d. EROSION CONTROL	_____	\$	0
e. DETOURS	_____	\$	0
		SUBTOTAL:C-4	\$ _____ 0
5. MISCELLANEOUS:			
a. LIGHTING	_____	\$	0
b. SIGNING - STRIPING - SIGNAL	_____	\$	0
c. GUARDRAIL	_____	\$	0
d. SIDEWALK - MEDIAN BARRIER	_____	\$	0
		SUBTOTAL:C-5	\$ _____ 0
6. SPECIAL FEATURES	_____	SUBTOTAL:C-6	\$ _____ 0

ESTIMATE SUMMARY

A. RIGHT-OF-WAY	\$	<u>0</u>
B. REIMBURSABLE UTILITIES	\$	<u>0</u>
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$	1,220,800 ^{\$} 1,542,214
2. GRADING AND DRAINAGE	\$	<u>0</u>
3. BASE AND PAVING	\$	<u>0</u>
4. LUMP ITEMS	\$	<u>0</u>
5. MISCELLANEOUS	\$	<u>0</u>
6. SPECIAL FEATURES	\$	<u>0</u>
SUBTOTAL CONSTRUCTION COST	\$	1,220,800 ^{\$} 1,542,214
E. & C. (10%)	\$	<u>122,080</u>
INFLATION (5% PER YEAR)	\$	<u>268,576</u>
TOTAL CONSTRUCTION COST	\$	<u>1,611,456</u>
GRAND TOTAL PROJECT COST	\$	<u>1,611,456</u>



CITCO R

HEREIN
FOR EX:

MONTH January, 1990

REQUEST
FOR
PRE-PROGRAMMING AUTHORIZATION

AUTHORIZATION IS REQUESTED TO PROCEED WITH DEVELOPMENT OF A PROJECT
CONCEPT ON THE FOLLOWING PROJECT:

PROJECT DATA

COUNTY	PROJECT No. P.I. No.	TYPE WORK	DESCRIPTION
Hall	FR-002-6(48) 122060	Widen & Reconstruct And	S.R. 11/Cleveland Highway:
	BHF-002-6(49) 122064	Widen Bridges	From Limestone Road north to Nopone Road.
Fund 1 = 010, 118	(ID-139-00011-013.58N)		Length = 5.40 Miles
Fund 2 = MLP, 114	BHF-002-6(50) 122066 (ID-139-00011-15.69N)		Includes widen bridges over Chattahoochee River (139-00011-013.58N) and East Fork Little River (139-00011-15.69N)
PRELIMINARY COST ESTIMATE (\$1,000's)	PROPOSED FISCAL YEAR	ROW TO BE PROVIDED BY	CONG. DIST. FIELD DIST.

ROW	\$4,200		D.O.T.		
CONST.	\$15,530	1995		9	1

NEEDS RATING:
SUFFICIENCY RATING: 52.4 and 56.0

COMMENTS:

It is proposed to add this project to the Construction Work Program after approval of the Project Concept Report.

This project was recommended by the S.H.I.P. Committee on December 15, 1989.

FR-002-6(48)	BHF-002-6(49)	BHF-002-6(50)
P.I. #122060	P.I. 122064	P.I. #122066
S.R. 11 from Limestone Rd. to Nopone Rd.	Bridge over Chattahoochee River.	Bridge over Fork Little River.
CST: \$11,030,000	CST: \$3,100,000	CST: \$1,400,000

RECOMMENDED *Dewey Jones*
DIRECTOR, DIVISION OF PLANNING AND PROGRAMMING

[Signature]
APPROVED _____
COMMISSIONER

PROPOSED S.H.I.P. PROJECTS

12-Dec-1989
Page 15

SHIP I.D.#: 891112
 COUNTY: HALL CONG. DIST.: 9 FIELD DIST.: 1
 CITY: STATE ROUTE: 11 U.S. ROUTE: 129
 EDS ROUTE DESIGNATION: / NOT IDENTIFIED F.A. SYS: F-002-6
 P.I. NO: 122060
 PROJ. NAME & TERM.: SR 11/CLEVELAND HWY FROM LIMESTONE RE NORTH TO NOPONE RD

WORK CODE: 21 TYPE WORK: WIDEN, RECST, BRIDGES
 LENGTH: 5.40 MILES PROJECT SOURCE: PLANNING
 LANES EXISTING: 2 LANES PROPOSED: 4
 PRESENT TRAFFIC: 12000(1988) FUTURE TRAFFIC: 30000(2015)
 R-O-W ESTIMATE: 4,200,000 \$4.00 CONSTRUCTION ESTIMATE: \$15,530,000.00
 BRIDGE I.D. #: - - - - - NEEDS RATING:
 HAZARDOUS WASTE SITE INVOLVED: [] NEAREST AIRPORT: 0.00 MI.
 ACTION BY S.H.I.P. COMMITTEE: _____

*Preprogram
12-15-89*

Dewey Jones
 DEWEY JONES, CHAIRMAN

DATE: _____

1995

891112

Env/Loc: no comment

PROGRAMMING: HALL COUNTY - SR 11/CLEVELAND HIGHWAY FROM LIMESTONE RD NORTH TO NOPONE RD. WIDEN FROM 2 TO 4 LANES FOR 5.4 MILES. THERE ARE TWO BRIDGES:
1) @ CHATTAHOOCHEE RIVER/LAKE LANIER; 2) EAST FORK LITTLE RIVER/LAKE LANIER.

DISTRICT: DISTRICT ONE RECOMMENDS THIS PROJECT. RECOMMEND A 4-LANE DIVIDED PROJECT TO EXTEND NORTH OF NOPONE ROAD. THIS PROPOSAL WILL IMPROVE SAFETY AND CAPACITY. THERE ARE NO PROPOSED PROJECT THAT WOULD CONFLICT WITH THIS PROPOSAL THIS PROJECT IS IN THE GAINESVILLE-HALL COUNTY TRANSPORTATION PLAN. INCLUDES

WIDENING BRIDGES ACROSS LAKE LANIER. FROM BELLS MILL NORTH THE EXISTING ROADWAY HAS SUB-STANDARD GRADES AND ALIGNMENT.
R/W EST. = \$4,200,00.00
CONST. EST. = \$15,530,000.00

MAINTENANCE: RECOMMEND/D. WATSON 10-17-89

MAINTENANCE: RECOMMEND / D. WATSON 12-89

PLANNING: GAINESVILLE/HALL COUNTY'S TRANSPORTATION NETWORK CONSISTS OF A SERIES OF WIDELY SPACED RADIAL ROUTES WITH FEW LAKE CROSSINGS AND LIMITED INTER-RADIAL CONNECTORS. AS A RESULT, TRAFFIC IS REQUIRED TO CONCENTRATE ON THESE ROUTES WITH LITTLE OPPORTUNITY TO DISPERSE. IN ADDITION, LAKE LANIER'S ATTRACTIVENESS

HAS POLARIZED DEVELOPMENT PRESSURE TO THE NORTH AND WEST AND HAS GREATLY STRESSED THE FEW TRANSPORTATION FACILITIES SERVING THOSE AREAS.

THE PROPOSED IMPROVEMENT IS A RESULT OF SUCH CONDITIONS. SERVING THE NORTH CENTRAL AREA OF HALL COUNTY, SR11 PROVIDES ONE OF THE MAIN LAKE CROSSINGS AND

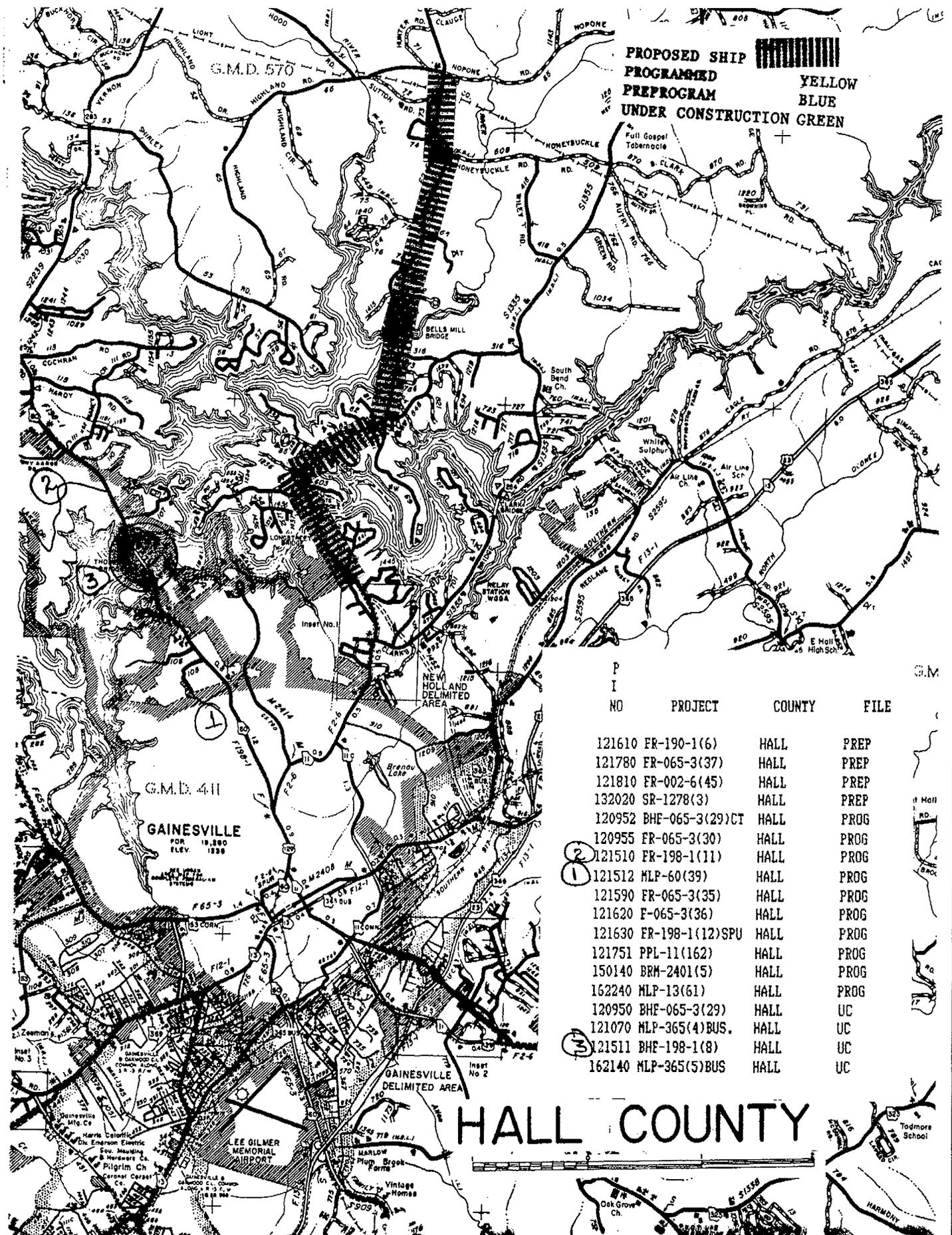
PROVIDES ACCESS TO AREAS UNDER INCREASING DEVELOPMENT PRESSURE. IN ADDITION, SR 11 HAS AND WILL CONTINUE TO BE A MAJOR TRAVEL ROUTE FOR CLEVELAND, HELEN, UNICOI STATE PARK, AND NORTHEAST GEORGIA IN GENERAL.

THE PROPOSED IMPROVEMENT WAS RECOMMENDED BY THE GAINESVILLE-HALL

TRANSPORTATION STUDY AND REAFFIRMED BY THE RECENT "IMPROVED ACCESS TO CLEVELAND AND HELEN STUDY". CURRENTLY (1988), THIS SECTION OF SR 11 IS CARRYING 12000 VPD. BY THE YEAR 2015, IT WILL BE CARRYING APPROXIMATELY 30000 VPD.

12-Dec-1989
Page 16

T&S: In 1988, 51 accidents were recorded for this section of SR 11. These 51 accidents produced 35 injuries and no fatalities. The section of SR 11 from Gainesville to Clermont has 6 existing passing lanes. The existing available passing sight distance is 38%. The District has recently requested that an additional passing lane be constructed on this section to be let with the passing lane on SR 11 just north of Clermont (PFL-11(162))

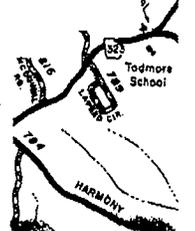
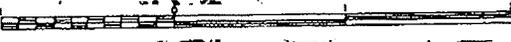


PROPOSED SHIP
 PROGRAMMED
 PREPROGRAM
 UNDER CONSTRUCTION

YELLOW
 BLUE
 GREEN

P I NO	PROJECT	COUNTY	FILE
	121610 FR-190-1(6)	HALL	PREP
	121780 FR-065-3(37)	HALL	PREP
	121810 FR-002-6(45)	HALL	PREP
	132020 SR-1278(3)	HALL	PREP
	120952 BHE-065-3(29)CT	HALL	PROG
	120955 FR-065-3(30)	HALL	PROG
②	121510 FR-198-1(11)	HALL	PROG
①	121512 MLP-60(39)	HALL	PROG
	121590 FR-065-3(35)	HALL	PROG
	121620 F-065-3(36)	HALL	PROG
	121630 FR-198-1(12)SPU	HALL	PROG
	121751 PPL-11(162)	HALL	PROG
	150140 BRM-2401(5)	HALL	PROG
	162240 MLP-13(61)	HALL	PROG
	120950 BHE-065-3(29)	HALL	UC
	121070 MLP-365(4)BUS.	HALL	UC
③	121511 BHE-198-1(8)	HALL	UC
	162140 MLP-365(5)BUS	HALL	UC

HALL COUNTY



2-Nov-1989

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891112

Env/Loc: no comment

PROGRAMMING: HALL COUNTY - SR 11/CLEVELAND HIGHWAY FROM LIMESTONE RD NORTH TO NOPENE RD. WIDEN FROM 2 TO 4 LANES FOR 5.4 MILES. THERE ARE TWO BRIDGES:
1) @ CHATTAHOOCHEE RIVER/LAKE LANIER; 2) EAST FORK LITTLE RIVER/LAKE LANIER..

DISTRICT: DISTRICT ONE RECOMMENDS THIS PROJECT. RECOMMEND A 4-LANE DIVIDED PROJECT TO EXTEND NORTH OF NOPENE ROAD. THIS PROPOSAL WILL IMPROVE SAFETY AND CAPACITY. THERE ARE NO PROPOSED PROJECT THAT WOULD CONFLICT WITH THIS PROPOSAL THIS PROJECT IS IN THE GAINESVILLE-HALL COUNTY TRANSPORTATION PLAN..

MAINTENANCE: RECOMMEND/D. WATSON 10-17-89

PLANNING: GAINESVILLE/HALL COUNTY'S TRANSPORTAION NETWORK CONSISTS OF A SERIES OF WIDELY SPACED RADIAL ROUTES WITH FEW LAKE CROSSINGS AND LIMITED INTER-RADIAL CONNECTORS. AS A RESULT, TRAFFIC IS REQUIRED TO CONCENTRATE ON THESE ROUTES WITH LITTLE OPPORTUNITY TO DISPERSE. IN ADDITION, LAKE LANIER'S ATTRACTIVENESS

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THE PROPOSED IMPROVEMENT WAS RECOMMENDED BY THE GAINESVILLE-HALL

TRANSPORTATION STUDY AND REAFFIRMED BY THE RECENT "IMPROVED ACCESS TO CLEVELAND AND HELEN STUDY". CURRENTLY (1988), THIS SECTION OF SR 11 IS CARRYING 12000 VPD. BY THE YEAR 2015, IT WILL BE CARRYING APPROXIMATELY 30000 VPD.

4 CITY CODE 1155 38 NAVIGATION CONRL 0
 39 VERT. CL. 000
 40 HORZ. CL. 0000
 5 INVENT. ROUTE 0/U 1 40
 TYPE 2
 DESIGNATOR 1 42 TYPE SERVICE ON 1
 NUMBER 00129 UNDER 5
 DIRECTION 0
 43 STR. TYPE MAIN 4 03
 44 APPR. 0 00
 7 FACILITY CARRIED
 US 129 & SR 11
 45 NO. SPANS MAIN 006
 46 APPR. 0000
 10 MIN. VERT. CL. 99'99"= 46
 CRITICAL BRIDGE 47 TOT. HORIZ. CL. 26.0
 DEFENSE HIGHWAY 48 MAX. SPAN LENG. 0.153
 12 SECTION NO. 2095
 SUFFIX 49 STRUCT. LENG. 000816
 13 BR. DESCRIPT.
 14 MILEPOINT 4.00 50 SIDEWALK LEFT 1.4
 15 SECT. LENG. 33.3 RIGHT 1.4
 16 LATITUDE 34-20.8
 17 LONGIT. 083-49.3 51 BR RDWY WID. 26.0
 18 PHYSICAL VUL. 3 52 DECK WID. 32.0
 19 BYPASS LENG. MI. 06 53 CL. OVER BR. 99'99"
 UNDR. BR. 00'00"
 ADMINISTRATION
 20 TOLL CODE 3 MIN. LAT. UNCL.
 21 CUSTODIAN CODE 1 55 RIGHT 99.9
 22 OWNER 1 56 LEFT 0.0
 23 FAP
 24 FED-AID SYS. 03 57 WEAR. SURF. TYPE 1
 25 JURISDICTION 1
 26 FUNC. CLASSIF. 03 58 CONDITION CODES
 DECK 6
 27 YEAR CONSTRUCT. 57 59 SUPERSTRUCTURE 6
 RECONSTR. 00 60 SUBSTRUCTURE 8
 61 CHAN./PROTECT. 8
 62 CULV./RET. WALL N
 65 APPR. ALIGNMENT 8
 28 NUMBER LANES ON 02 65 UNDER 00
 29 A.D.T. VOL. 015080
 30 YEAR 87 RATING/LOAD TYPE
 31 DESIGN LOAD 4 66 OPERATING 1 25T
 INVENTORY 1-15T
 32 APP. RDWY. WID. 036 APPRAISAL CODES
 67 STRUCT. COND. 4
 33 BRIDGE MEDIAN 0 68 DECK GEOMETRY 3
 69 UNDERCLEAR. N
 34 SKEW ANGLE DEG. 00 70 SAFE LOAD CAP. 5
 71 WATERWAY ADEQ. 8
 35 STR. FLARE CODE 0 72 APP. RD. ALIGN. 8

BRIDGE SERIAL NO. 139-0005-0 DATE DIVE INSP. 06-85
 LOCATION IDENTIF. STRUCTURE IDENTIF. COUNTY DISTRICT LOCATION DATE LAST INSP. 06-87
 139-00011 -01358N 139-00011 -01358N HALL 1 IN NORTH GAINESVILLE CHATTAHOOCHEE (L.K. LANIER) 1 IFM

IMPROVEMENTS BR. STATUS CODE 10 HANDRAIL LT. MATL. 2 STRUCT. STEEL 0624T
 YEAR NEEDED 91
 TYPE SERVICE 1 PROJECT NUMBER
 TYPE WORK 30 1 CORP-OF-ENG
 LENGTH 001027
 DESIGN LOAD 6 TYPE BRIDGE 0-M-0 PARAPET LOCATION
 ROAD WIDTH 066 HEIGHT 0.0
 NUMBER LANES 04 F2-6 FEDERAL ROUTE F2-6
 DES. ADT YR. 06
 ROAD IMP. YR. 90 POSTED LD. H-LD. 00T
 TYPE ADJ. RD. 1 TANDEM 00T M-D-Y SYSTEM
 352-LOAD 00T
 COSTS (THOUSANDS)
 84 TOTAL 03920
 85 PRELIM. ENGR. 356
 86 DEMOLITION 245
 87 SUBSTRUCT. 00962
 88 SUPERSTR. 02246
 36 TRAF. SAFETY FEAT
 BRID. RAILING 0
 TRANSITIONS 0
 APP. GUARDRAIL 1
 APP. RAIL ENDS 1
 SALVAGE 1
 LOCAL PRIORITY
 37 HIST. SIG. CODE 5
 A588 CODE 4
 DIVER INSP 2
 COLLISION DAM. 0 SLOPE PROTECTION 01 PERCENT TRUCKS 13
 CULVERT COVER 0.0 TRUSS TYPE
 NO. BARRELS
 WIDTH
 HEIGHT
 LENG. BARL.
 PROTECTION FEATURES DECK DRAINS
 BARRIER RAIL 0
 FENDERS 0
 DOLPHIN 0
 RET. WALL 0
 CURB HEIGHT 1.2
 MATERIAL 2 YEAR LAST PAINTED 57 PROPOSED PROJECT NO.
 06-85

4 CITY CODE 1155 38 NAVIGATION CONRL 0
 39 VERT. CL. 000
 40 HORZ. CL. 0000
 5 INVENT. ROUTE 0/U 1 40
 TYPE 2
 DESIGNATOR 1 42 TYPE SERVICE ON 1
 NUMBER 00129 UNDER 5
 DIRECTION 0
 43 STR. TYPE MAIN 4 03
 44 APPR. 0 00
 7 FACILITY CARRIED
 US 129 & SR 11
 45 NO. SPANS MAIN 006
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 17 LONGIT. 083-49.3 51 BR RDWY WID. 26.0
 18 PHYSICAL VUL. 3 52 DECK WID. 32.0
 19 BYPASS LENG. MI. 06 53 CL. OVER BR. 99'99"
 UNDR. BR. 00'00"
 ADMINISTRATION
 20 TOLL CODE 3 MIN. LAT. UNCL.
 21 CUSTODIAN CODE 1 55 RIGHT 99.9
 22 OWNER 1 56 LEFT 0.0
 23 FAP
 24 FED-AID SYS. 03 57 WEAR. SURF. TYPE 1
 25 JURISDICTION 1
 26 FUNC. CLASSIF. 03 58 CONDITION CODES
 DECK 6
 27 YEAR CONSTRUCT. 57 59 SUPERSTRUCTURE 6
 RECONSTR. 00 60 SUBSTRUCTURE 8
 61 CHAN./PROTECT. 8
 62 CULV./RET. WALL N
 65 APPR. ALIGNMENT 8
 28 NUMBER LANES ON 02 65 UNDER 00
 29 A.D.T. VOL. 015080
 30 YEAR 87 RATING/LOAD TYPE
 31 DESIGN LOAD 4 66 OPERATING 1 25T
 INVENTORY 1-15T
 32 APP. RDWY. WID. 036 APPRAISAL CODES
 67 STRUCT. COND. 4
 33 BRIDGE MEDIAN 0 68 DECK GEOMETRY 3
 69 UNDERCLEAR. N
 34 SKEW ANGLE DEG. 00 70 SAFE LOAD CAP. 5
 71 WATERWAY ADEQ. 8
 35 STR. FLARE CODE 0 72 APP. RD. ALIGN. 8

8-MAY-89 BRIDGE INVENTORY DATA LISTING

GEORGIA DEPARTMENT OF TRANSPORTATION

SUFF. RATG.= 56.0 PRIORITY RATG.= 352

4 CITY CODE	0000	38 NAVIGATION CONRL	0	IMPROVEMENTS	BR. STATUS CODE	10 HANDRAIL	LT. MATL.	5	STRUCT.	STEEL
5 INVENT. ROUTE	0/U 1 40	VERT. CL.	000	YEAR NEEDED	91	LT. STD. C&S				
TYPE	2	HORZ. CL.	0000	TYPE SERVICE	1	RT. MATL.	5	WATERWAY DATA		
DESIGNATOR	1 42	TYPE SERVICE ON	1	TYPE WORK	30 1	RT. STD. C&S		HIGHW. ELEV.	0.0	
NUMBER	00129	UNDER	5	LENGTH	000597			YEAR		
DIRECTION	0			DESIGN LOAD	6	TYPE BRIDGE	0-M-O	PARAPET LOCATION	0.0	
		43 STR. TYPE MAIN	4 02	ROAD WIDTH	0066			FLOOD ELEV.		
7 FACILITY CARRIED	44	44 APPR. 0	00	NUMBER LANES	04	FEDERAL ROUTE	F2-6	HEIGHT	0.0	FREQ. YRS.
US 129 & SR 11		45 ND. SPANS MAIN	006	DES. ADT	010908			WIDTH	0.0	AVG. SMED EL.
		46 APPR. 0000		ROAD IMP. YR.	06	POSTED LO.	H-LD. OOT			DR. AREA SM
10 MIN. VERT. CL. 99'99"	46			TYPE ADJ. RD.	1	TANDEM OOT				AREA OPN. SF
						3S2-LOAD OOT				COUNTY CONT. CODE
CRITICAL BRIDGE	47	TOT. HORIZ. CL.	26.0	COSTS (THOUSANDS)						NO. TRACKS ON
DEFENSE HIGHWAY	48	MAX. SPAN LENG.	0073	TOTAL	01045	POSTED SPEED MPH	00-00	NO. TRKS UNDR	0	NO. TRAFFIC FLOW
12 SECTION NO. 2095		SUFFIX		PRELIM. ENGR.	095	TRUCK & BUS	55	LAST YEAR PHOTO	87	OTHER STRUCT. TYPE
13 BR. DESCRIPT.		49 STRUCT. LENG.	000386	DEMOLITION	116	OTHER VEH.	55			
14 MILEPOINT	6.11	50 SIDEWALK LEFT	1.4	SUBSTRUCT.	00227					
15 SECT. LENG.	33.3	RIGHT	1.4	SUPERSTR.	00529	ATTACHMENTS				
16 LATITUDE	34-22.4					DELINEATORS	1	SHOULDER WIDTHS		OVERLAY THICK.
17 LONGIT.	083-48.5	51 BR ROWY WID.	26.0	TRAF. SAFETY FEAT		HAZARD BOARDS	1	REAR LT.	6.0	L. SEED OIL APPL.
18 PHYSICAL VUL.	3 52	DECK WID.	30.8	BRID. RAILING	0	SIGNS ATTACHED	0	FORWARD LT.	6.0	REAPPL.
				TRANSITIONS	0	GUARDRAIL ATT.	1	RT.	6.0	
19 BYPASS LENG. MI.	06 53	CL. OVER BR. 99'99"		APP. GUARDRAIL	1	EXPANSION JTS.	4	TYPE REAR	8	ALTERNATE DISTRICT
		UNDR. BR. 00'00"		APP. RAIL ENDS	1	UTILITIES GAS	31	FWD.	8	8 CALC. POST. H-LD. OOT
ADMINISTRATION						WATER	31	TANDEM OOT		
20 TOLL CODE	3	MIN. LAT. UNCL.				ELECTRIC	00	3S2-LOAD OOT		
21 CUSTODIAN CODE	1 55	RIGHT 99.9				TELEPHONE	32	LIGHTING		WHITEWAY
22 OWNER	1 56	LEFT 0.0				SEWER	00	NAVIGATION		AERIAL
23 FAP								TYPE REAR	2	
24 FED-AID SYS.	03 57	WEAR. SURF. TYPE	1	SALVAGE	1	CONGRES. DISTRICT	09	FWD.	2	MOVABLE BRIDGE
25 JURISDICTION	1	CONDITION CODES		LOCAL PRIORITY		SCHOOL BUS ROUTE	1	INTERSECTION	0	OPERATIONAL
		DECK	6			SPUR DIKES REAR	0	FORWARD	0	OPERATOR
26 FUNC. CLASSIF.	03 58	SUPERSTRUCTURE	7			FORWARD	2	FREQ. INSPECT.	0	
27 YEAR CONSTRUCT.	56 60	SUBSTRUCTURE	8			COLLISION DAM.	0	PERCENT TRUCKS	13	
RECONSTR.	00 61	CHAN./PROTECT.	8							
		CULV./RET. WALL	N			CULVERT COVER	0.0	TRUSS		BENCHMARK EL.
28 NUMBER LANES ON	02 65	APPR. ALIGNMENT	8			TYPE				DATUM
UNDER	00					NO. BARRELS				
29 A.D.T. VOL.	010162	63 EST. REMAIN. LIFE	19			WIDTH				MIN VERT. CLEAR
30 YEAR	87	RATING/LOAD TYPE				HEIGHT				ACT. ODOM. DIR. 99'99"
		OPERATING	1 25T			LENG. BARL.				OPPO. DIR. 99'99"
31 DESIGN LOAD	4 66	INVENTORY	1 15T							POSTODOM. DIR. 00'00"
						PROTECTION FEATURES				OPPO. DIR. "
32 APP. RDWY. WID.	036	APPRAISAL CODES				DECK DRAINS	1			
		STRUCT. COND.	4			BARRIER RAIL	0			GUARDRAIL LOCATION
33 BRIDGE MEDIAN	0 68	DECK GEOMETRY	3			FENDERS	0	MEDIAN HEIGHT	0.0	ODOM. DIR. REAR 3
		UNDERCLEAR.	N			DOLPHIN	0	WIDTH	0.0	FWD. 3
34 SKEW ANGLE DEG.	00 70	SAFE LOAD CAP.	5			RET. WALL	0	BR. APPR. STATUS		OPPO. DIR. REAR
		WATERWAY ADEQ.	8			HEIGHT	1.2			FWD.
35 STR. FLARE CODE	0 72	APP. RD. ALIGN.	8			MATERIAL	1	YEAR LAST PAINTED	76	PROPOSED PROJECT NO.

BRIDGE SERIAL NO. 139-0006-0 DATE DIVE INSP. 06-85

LOCATION IDENTIF. STRUCTURE IDENTIF. COUNTY
139-00011 -01569N 139-00011 -01569N HALL

DISTRICT 1 LOCATION 5 MI NORTH OF GAINESVILLE

FEATURE INTERSECTED EAST FORK LITTLE RIVER
INSPECT. AREA IN. 1 JFM

DATE LAST INSP. 06-87

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE

OFFICE
Atlanta

DATE
April 25, 1990

FROM

RDS

Robert E. Bowling, P.E., Chief, Bureau of Plan Development

TO

Gene Skeen, State Transportation Programming Engineer

SUBJECT

Development Impact Analysis - Hall County:
FR-002-6(48) PI #122060 and BHF 002-6(49) PI #122064

Attached is information, supplied by the Gainesville-Hall County Planning Commission, concerning local zoning practices, existing zoning and future land use. Maps indicating land use and zoning will be kept on file in this office.

The current zoning is a mixture of residential and commercial. With current growth patterns, it is possible that future development pressure might warrant additional rezonings. However, the densities and character of such development are unlikely to present substantial negative impact to the safety, service or design of the proposed improvement.

Should you have any questions, please contact Cora Cook at 656-5356.

CJC/ylb

Attachments

ADMIN	<input checked="" type="checkbox"/>	<i>4-27-90</i>
DEV	<input checked="" type="checkbox"/>	<i>5/1</i>
MGT	<input type="checkbox"/>	
SCHED	<input checked="" type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

Mr. Robert E. Bowling, P.E.
Chief, Bureau of Plan Development
Georgia Department of Transportation
No. 2 Capitol Square
Atlanta, Georgia 30334-1002

Dear Mr. Bowling:

This letter is in regard to your requirements for the proposed improvements to the S.R. 11 (Cleveland Highway) corridor between Limestone Road Extension and Nopone Road in regards to the existance of a zoning board and present and future land uses along that portion of S.R. 11. Attached are maps showing the present zoning, existing land use and future land use for the portion of S.R. 11 being improved.

Hall County and the City of Gainesville adopted their current comprehensive plan in August, 1985. This plan sets goals and recommends policies for future development. County and City zoning decisions generally follow this land use plan. Zoning decisions which vary from the comprehensive plan are made only after thorough study to reflect changing economic conditions and public objectives. Neither the County nor the City change zoning on property without a determination that the criteria for such a change have been met.

The City and County have separate planning commissions. They hold regularly scheduled meetings and make recommendations to the elected officials who have zoning authority. These commissions do have "platting authority" and are authorized to review proposed subdivisions.

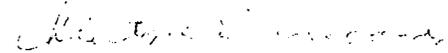
Portions of the project area lie in the jurisdiction of Hall County and other portions lie within the jurisdiction of the City of Gainesville. The attached information is for both jurisdictions.

The project area is designated in the Comprehensive Plan as an area expected to develop with rural and low density residential land uses. The densities and character of such development will not present any negative impact to the safety, service or design of the proposed project.

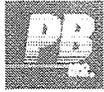
The current zoning is mostly residential with some commercial zones. These commercial zones would allow traffic-oriented retail and service businesses. With the current growth patterns, it is possible that future development trends might warrant additional development and rezonings along the area of the proposed project.

If you have any further questions, please do not hesitate to contact this office.

Sincerely,



Christopher E. Edwards
Community Planner



Project Meeting

February 26, 2007

9:00 am

GDOT District One Office

Project No.: BRF-002-6(49), BRF-002-5(50) **Type of meeting:** Concept Review

Project Description: SR 11 over Chattahoochee & East Fork **Note taker:** Lisa Bolton

Facilitator: Rick Gurney (K&W) & Robert Mahoney (GDOT)

Attendees: Tahir Chaudhry (PB), Lisa Bolton (PB), Rick Gurney (K&W), Robert Askew (K&W), Russell McMurry (GDOT), Sandy Moore (GDOT), Robert Mahoney (GDOT), Neil Kantner (GDOT)

Minutes

Discussion:

CHATTAHOOCHEE RIVER BRIDGE

- Bridge will have an urban section (20' median) with a design speed of 45 mph.
Neil questioned the functional classification of corridor, looks like we have the justification for an urban section even if classification is rural, but would need to file a design exception
- Even though sufficiency rating is above 50%, insufficient shoulders on bridge and sag curves on both ends of bridge provide justification for bridge replacement
- Shifted alignment would need additional ROW: 2 vacant lots on one end of bridge, front entrance lawn of state patrol office on other end
- Sandy and Russell looked at the separation between existing bridge and new bridge – seems to be sufficient for construction, agreed that shifting the alignment is the best approach
- If frequent left turn lanes needed, might need 24' median instead of 20'. Rick and Robert Askew did not think the number of left turn lanes warranted the extra 4 feet.

EAST FORK OF LITTLE RIVER BRIDGE

- Even though sufficiency rating is above 50%, substandard vertical curves on existing bridge provide justification for bridge replacement
- Shifted alignment also makes sense for this location.
- Skewed bent layout is preferred over perpendicular layout for channel

GENERAL DISCUSSION ITEMS

- Question lifted as to whether SR 11 is on the state route bike path – not officially, but might need multiuse path – would require 20' shoulders in the urban section instead of 10' shoulders – decision not final
- Substantial utilities on existing bridge, coordination will be required to get all the utilities moved from old to new alignment.
- Corps of Engineers might not allow sewer line to be shifted, would use existing bridge piers to carry sewer line??
- Need for meeting with Corps of Engineers to discuss bent layout, alignment, and utilities
- Closer look is needed to determine whether a curb & gutter system should be used in urban section or shoulders with ditches – ditches would allow runoff to be filtered, curb & gutter would require retention basins
- Need to discuss with environmental about logical termini for the project, DOT environmental people should also be in the loop
- Discuss drainage runoff with the COE and find out their requirements

Action items

Action items	Person responsible	Deadline
✓ Coordinate with PM @ OCD to schedule meeting with Corps	Rick Gurney	
✓ Discuss logical termini for project with PB and GDOT environmental	PB/Rick Gurney	
✓ Determine need for bike lanes or multiuse path	Rick Gurney	
✓ Determine drainage runoff requirements	Rick Gurney	

DATE & TIME: March 29, 2007 9:00 AM

WHERE: USACE Office at Lake Lanier Dam

PROJECT: Project PI # 122060, 122064, 122066
Hall County
SR 11 / US 129 / Cleveland HWY from Limestone Rd to South of Nopone Rd
SR 11 at Chattahoochee River -
SR 11 at East Fork Little River

PERSONNEL PRESENT:

NAME	COMPANY	PHONE #	EMAIL
Rick Gurney	Keck & Wood, Inc.	678.417.4008	rgurney@keckwood.com
Jason Rundles	Keck & Wood, Inc.	678.417.4054	jrundles@keckwood.com
Chris Lovelady	USACE		christopher.e.lovelady@sam.usace.army.mil
John Watson	USACE		john.r.watson@sam.usace.army.mil
Tahir Chaudhry	PB		chaudhryt@pbworld.com
Melanie Nable	GDOT/OEL		Melanie.nable@dot.state.ga.us
Jennifer Mathis	GDOT/OEL		jennifer.mathis@dot.state.ga.us
Robert W. Mahoney	GDOT-D1 Preconstr		robert.mahoney@dot.state.ga.us
Neil A. Kantner	GDOT-D1 Preconstr		neil.kantner@dot.state.ga.us
Pat Taylor	USACE		patrick.o.taylor@sam.usace.army.mil
Jonathan Sell	PB		sellj@pbworld.com
Lisa Bolton	PB		bolton@pbworld.com
Casey Choi	PB		choi@pbworld.com
Sharilyn Meyers	GDOT/OEL		sharilyn.meyers@dot.state.ga.us

KEY TOPICS:

- John Watson opened the meeting.
- Rick Gurney gave a brief description of the project and the representatives from the USACE expressed their overall support of the project.
- USACE identified the shoreline property on the northwest side of the Longstreet Bridge over the Chattahoochee River as a site that was permitted for a picnic area but due to poor access it was never developed and the permit expired.
- USACE stated there are no other properties within in the project area planned for recreational usage.
- USACE identified the shoreline properties on the southeast and northeast side of the Bells Mill Bridge over the East Fork Little River as areas frequently used as trash dump sites by the public. These areas may have hazardous waste and should be checked. If feasible the USACE would prefer to continue to have access to the area on the northeast side of the bridge.
- USACE stated that both bridge sites should have proper slope protection.
- USACE will require lake storage volume calculations to determine the impact of the proposed bridge structures within the lake. The volume calculations can be combined for both sites. The removal of existing bridge fill material at the Bells Mill Bridge site appears to be large enough that if it is removed would most likely offset the volume of the new bridge structures.
- The age of the existing bridges is approximately fifty years.
- Both bridges have utilities lines located on them - sewer, gas, and water.

- USACE will require the bridge storm water runoff to be collected, transported to the shoreline and filtered prior to release.
- Both proposed bridges would consist of 6 spans, matching the existing bridges.
- Proposed bridge construction methods and staging should be coordinated with the DNR.
- Discussed a proposed plan to raise the normal lake pool elevation 2 feet above the current elevation of 1071. USACE stated no decision has been made at this time. Impacts will be extensive including shoreline erosion, loss of vegetation, and bridge height conflicts.
- Bridge vertical clearances should match or exceed the existing clearances.
- Historically, approval of the proposed bridge by the tri-state group has not being required.
- USACE has acquisition documents for the lake. John Watson will attempt to find the original roadway construction plans for SR11 that were prepared by the Corps for the construction for the original bridges and roadways when the lake was built. These would be helpful to define the existing right of way.
- USACE stated that submittals to their office should only include information relevant to their property. Contours for the normal pool elevation of 1071 and the maximum flood elevation of 1085 will be required on the drawings. This not only applies to the bridges and their approaches but also any areas that are along the shoreline and impact the 1085 and/or 1071 contours. One area that may impact the lake was identified during the meeting. It is approximately 2500 feet south of the Bells Mill Bridge.
- Stream crossing will need to be confirmed.
- Bridge construction will need to consider staging for boat traffic. This may include additional lighting.
- PB was concerned about which elevation to use for the bridge embankment toe of slopes - 1085 or 1071.
- Possible presents of Persistent Trillium near the Bells Mill Bridge site and/or north of it.
- Discussion concerning lake access during construction. Probably will use the bridge sites, but may utilize another area. Will need to coordinate with USACE.
- Roadway runoff must be controlled and not allow to reach lake directly. Possible solutions include sediment basins, riprap lined ditches, wider ditches.
- USACE does not currently have any projects or events scheduled in the project area.

ATTACHMENT: None

DISTRIBUTION: To the above list of personnel present plus Stanley Hill, Vinesha Pegram, Don Hill, Eric Tay.

Notes by: Richard D. Gurney, P.E. & Jason Rundles

DATE & TIME: July 18, 2007 10:00 AM

WHERE: OCD Conference Table

PROJECT: Project PI # 122060, 122064, 122066
Hall County
SR 11 / US 129 / Cleveland HWY from Limestone Rd to South of Nopone Rd
SR 11 at Chattahoochee River
SR 11 at East Fork Little River

PERSONNEL PRESENT:

NAME	COMPANY	PHONE #	EMAIL
Rick Gurney	Keck & Wood, Inc.	678.417.4008	rgurney@keckwood.com
Steve Adewale	GDOT – OCD	404.463.0291	Steve.adewale@dot.state.ga.us
Stanley Hill	GDOT – OCD	404.656.6109	Stanley.hill@dot.state.ga.us

KEY TOPICS:

1. Rick Gurney provided written Status Report, Project Schedule to Stanley Hill and Steve Adewale.
2. Discussion began with schedule. The schedule provided was changed from the DOT schedule. Rick Gurney should check records and see if the revised schedule was accepted. Send letter to Babs Abubakari, attention Steve Adewale requesting schedule change with a reason why a change is being requested.
3. Rick Gurney to contact Paul Alima in OEL concerning environmental documentation. Are our environmental consultants working with OEL? Recommend set up meeting with OEL – this project is in Michele's district.
4. Need & Purpose can be done – not dependant on where the project is located unless the alternated have significantly different locations.
5. Bridge – is this being coordinated?
6. Right of Way Cost estimate –needs to be approved by GDOT Right of Way Department. Contact Jerry Milligan and send him plans and R/W Cost Estimates.
7. Copy Steve Adewale all correspondence.
8. See if environmental schedule can be shortened. Four months to prepare EA document appears excessive.
9. Proceed with Revised Project Concept Report.
10. Verify that the Concept Validation was preparing using the GDOT's Design Policy Manual.
11. Send Concept Validation Report as a word document to Steve Adewale.
12. Prepare a Public Display for PIOH. Roll Plot background should be rectified photograph. Check project scope to see if this is included. Tentative schedule for PIOH is September. Would need to have everything prepared by mid August for a dry run.
13. Check project to see what environmental was previously done on this project.
14. Check design contract to see if R/W Cost Estimate work is programmed in the Concept Phase.
15. Possibly the only R/W to be done by the prime consultant is the Phase 1 and Phase 2 items. The Acquisition Phase may be removed from the contract.
16. Right of Way Plans – First submittal needs to occur in May 2008.

17. Final Plans – The schedule for Final Plan submittal needs to be on schedule, which is 2010.
18. Has a Value Engineering Study been done? Request was made last fall. Check records.
19. Add the original Concept Report to the Concept Validation Report.

ATTACHMENT: None

DISTRIBUTION: To the personnel present at meeting.

Notes by: Richard D. Gurney, P.E.

DATE & TIME: August 29, 2007 2:00 pm

WHERE: Office of Environment/Location, Atlanta

PROJECT: Project PI # 122060, 122064, 122066
Hall County
SR 11 / US 129 / Cleveland HWY from Limestone Rd to South of Nopone Rd
SR 11 at Chattahoochee River
SR 11 at East Fork Little River

PERSONNEL PRESENT:

NAME	COMPANY	PHONE #	EMAIL
Robert Askew	Keck & Wood, Inc.	678-417-4007	raskew@keckwood.com
Rick Gurney	Keck & Wood, Inc.	678-417-4008	rgurney@keckwood.com
Lisa Bolton	PB	404-364-2411	bolton@pbworld.com
Steve Adewale	GDOT	404-463-0291	steve.adewale@dot.state.ga.us
Stanley Hill	GDOT	404-656-6109	stanley.hill@dot.state.ga.us
Adam Cavender	PB	404-364-2418	cavender@pbworld.com
Michele Lindberg	FHWA	404-562-3634	michele.lindberg@fhwa.dot.gov
Paul Alimia	GDOT	404-699-4448	philip.alimia@dot.state.ga.us
Mary Best	PB	404-364-2649	bestm@pbworld.com
Tahir Chaudhry	PB	404-237-2115	chaudhry@pbworld.com
Lorraine Norwood	Terracon	770-623-0755	lnorwood@terracon.com

KEY TOPICS:

- Meeting started with everyone present introducing themselves
- Rick Gurney gave an overview of the project describing the alignment, bridges and the reasons why things were laid out the way they were.
- Stanley Hill mentioned that construction limits should be reduced around Briarcliff Drive. Also said that presentation sheets should include historic and wetland resources.
- Adam Cavender noted two potential new historic resources: a cemetery located near the intersection of SR 11 and New Bridge Church Rd, and a home located three parcels north of Donna Dr on the west side of SR 11.
- Michele Lindberg questioned logical termini. The traffic data was quickly reviewed, and a drop in traffic at the ending intersection (SR 11 and Jim Hood/Nopone Rd) was confirmed.
- Michele Lindberg asked about reasons for placement of the new alignment and raised concerns about displacement in terms of environmental justice. Will need to check census data as well as the impacts the displacements would have on the surrounding community.
- Michele Lindberg noted that public involvement will need to include efforts to engage the surrounding Hispanic community. It was also noted that many of the properties along the corridor are rental properties. Tax data can be used to determine where property owners are located.
- Lorraine Norwood discussed status of archeological report. Once new alignment is checked, the document will be submitted. She discussed where possible sites might be located and noting that most are going to be under the water line or below the surface of Lake Lanier.

- Adam Cavender discussed status of ecology study. An individual permit will be required. He noted that there are about 975 linear feet of stream impacts that are going to have to be addressed, some impacts may require exemptions. Stream buffer variances will most likely be required. No threatened or endangered species have been identified and there is no known nesting activity. An additional site visit is needed to check for nesting sites again. Also noted was the location of an illegal dump site near the north end of the East Fork Little River bridge
- An aquatic survey has been done for the bridges, but not for the streams because they have been dry.
- The hazardous materials survey is to be done by Terracon.
- There are no foreseen 4F issues at this time
- The draft Environmental Assessment report is scheduled to be submitted to GDOT in late 2007 or early 2008. This date is dependent on the outcome of the PIOH.
- Right of Way conceptual stage study will be required for this project.
- GDOT will submit PIOH request to OEL.
- Stanley Hill noted that the location of the PIOH cannot be located within a church sanctuary and if held at a church, it would have to be located in a fellowship hall completely separate from the activities of the church. Neil Kantner at District 1 can help locate a suitable facility. PB will look into finding an appropriate location to hold the PIOH. The district office should be helpful in finding possible PIOH locations.
- Public interest in the project exists, and a high turnout for the PIOH should be expected.
- Steve Adewale will submit PIOH request to Keisha Jackson at OEL.
- A quick turn-around on PIOH signs will be needed – should not be a problem. If needed, GDOT can go to outside vendors for sign production.
- Any mobile home parks should get special notice of the PIOH.
- Other projects in the area? – No known projects within close proximity to the corridor.
- Michele Lindberg should be notified of when PIOH will be held and when the “dry run” will take place.
- Paul Alimia will look for documentation from past PIOH’s and let the group know if anything is found.

ATTACHMENT: None

DISTRIBUTION: Those present at meeting
Robert Mahoney robert.mahoney@dot.state.ga.us
Neil Kantner neil.kantner@dot.state.ga.us

Notes by: Robert Askew, Keck & Wood, Inc.
Lisa Bolton, PB

DATE & TIME: October 3, 2007 8:00 am

WHERE: Office of Environment/Location, Atlanta

PROJECT: Project PI # 122060, 122064, 122066
Hall County
SR 11 / US 129 / Cleveland HWY from Limestone Rd to South of Nopone Rd
SR 11 at Chattahoochee River
SR 11 at East Fork Little River

PERSONNEL PRESENT:

NAME	COMPANY	PHONE #	EMAIL
Rick Gurney	Keck & Wood, Inc.	678-417-4008	rgurney@keckwood.com
Jonathan Sell	PB Americas	404-364-2422	sellj@pbworld.com
Katherine Russett	GDOT OEL	404-699-6882	katherine.russett@dot.state.ga.us

KEY TOPICS:

Discussion was generally concerning the up coming PIOH. Tentative date for the PIOH is November 29, 2007.

Items to be prepared for the PIOH

- Newspaper Advertisement – Jonathan will prepare.
- Location Map – Jonathan will prepare.
- Project Description – Jonathan will prepare.
- Comment Sheet – Jonathan will prepare.
- Fact Sheet – Jonathan to utilize the fact sheet prepared for the August 29, 2007 meeting at OEL and revise if necessary.
- Public notification sign information – Jonathan will prepare.
- Need and Purpose Statement – Rick & Jonathan to jointly develop this document.

The number of PIOH notification signs to be required and the location of the signs will be determined by GDOT district personnel. District will also locate a suitable site for holding the PIOH.

Reviewed currently public displays – add marks designating the displacements to the display.

Katherine to determine what will be required to address the need for Spanish speaking representatives.

Jonathan requested the list of owners and address used when sending survey notifications. He will utilize for public outreach program.

ATTACHMENT: None

DISTRIBUTION: Those present at meeting and the following:
Steve Adewale

Notes by: Rick Gurney, Keck & Wood, Inc.

DATE & TIME: November 14, 2007

WHERE: GDOT Office of Environment /Location, Atlanta, GA

PROJECT: Project PI # 122060, 122064, 122066
Hall County
SR 11 / US 129 / Cleveland HWY from Limestone Rd to South of Nopone Rd
SR 11 at Chattahoochee River
SR 11 at East Fork Little River

PERSONNEL PRESENT:

NAME	COMPANY	PHONE #	EMAIL
Robert Askew	Keck & Wood, Inc.	678-417-4007	raskew@keckwood.com
Rick Gurney	Keck & Wood, Inc.	678-417-4008	rgurney@keckwood.com
Soli Shakshuki	GDOT/OEL	404-699-4430	soli.shakshuki@dot.state.ga.us
Katherine Russett	GDOT/OEL	404-699-6882	katherine.russett@dot.state.ga.us
Steve Adewale	GDOT/OCD	404-463-0291	steve.adewale@dot.state.ga.us
Audrey Rivers	GDOT/OEL	404-699-6845	audrey.rivers@dot.state.ga.us
Jennifer Mathis	GDOT/OEL	404-699-4408	jennifer.mathis@dot.state.ga.us
Jonathan Sell	PB	404-364-2422	sellj@pbworld.com
Jennifer Dudley	PB	404-364-2697	dudley@pbworld.com
Susan Wyant	PB	404-364-2697	wyant@pbworld.com
Neil Kantner	GDOT/District 1	770-532-5522	neil.kantner@dot.state.ga.us

KEY TOPICS:

- Soli Shakshuki opened the meeting and everyone introduced themselves
- Soli gave an overview of the PIOH, noted location at Riverbend Elementary on Nov. 29 and time from 4-7pm
- Soli asked Neil Kantner if signs and ads were in place for the PIOH the Neil presumed that they were in place.
- Neil estimated that 400 people may show up for the PIOH, so 500 handout should be made in case more show up
- Three sets of displays will be needed. Soli requested at the end of the meeting that one spare display should be brought and set up only if needed.
- Steve Adewale noted that a PIOH was held in 1998 and a public hearing was also held.
- PIOH information sheet should show Chief Engineer as Gerald Ross, P.E.
- Neil stated that he would like to see the road referred to on the info sheet as "SR 11/Cleveland Highway" and add "Hall County" after the P.I. numbers.
- Individuals should bring their own nametags made for PIOH
- In the Project Description sheet, "100 foot" should be changed to "100 feet". the descriptions should be separated out into Concept A and Concept B
- On comment card, a box should be added where the public can choose between Concepts A and B. OEL has a template with this option and will send a copy to PB
- Add the color of each concept to the project description so the public can better identify each concept, also add color to the comment card
- The PIOH location should be available at 2:30 pm on the day of meeting for set up.
- On the location map, remove the Begin and End project labels from the Bridge projects, only keep Begin and End for the Roadway project. Use a single label for each bridge.

- Neil listed 10 District representatives that will be at the PIOH, PB will have 4 representatives, plus a Spanish translator. Keck & Wood will have 2, plus 2 from the Right of Way consultant
- Add the number of displacements to the fact sheet
- Fact sheet is not for the general public, it is meant as an information sheet for GDOT and GDOT representatives
- Neil noted that the preconstruction status report currently listed this project as a long range plan
- Rick Gurney described the overview of each Concept
- Historic boundaries in diamond line type should be shown for all qualifying properties, even the ones not affected by the project
- OEL requested the displays to be plotted with the proposed alternatives more pronounced. Suggested using brighter red and blue.
- PDFs of the displays must be submitted 2-3 days before the PIOH and each PDF file can not be greater than 6 MB.

ATTACHMENT:**DISTRIBUTION:** All who attended

Notes by: Robert Askew / (Keck & Wood, Inc.)