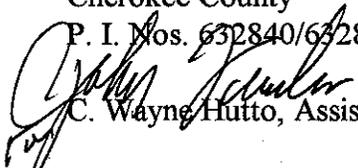


D.O.T. 66

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE STP-187-1(25)/(26)/(27)/(28)/(29) **OFFICE** Preconstruction
Cherokee County
P. I. Nos. 632840/632845/632850/632855/632860 **DATE** October 23, 2001
FROM  C. Wayne Hutto, Assistant Director of Preconstruction
TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

CWH/cj

Attachment

DISTRIBUTION:

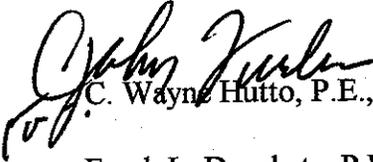
Tom Turner
David Mulling
Harvey Keepler
Jerry Hobbs
Herman Griffin
Michael Henry
Phillip Allen
Marta Rosen
Paul Liles
Jimmy Chambers
Kent Sager
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-187-1(27) Cherokee County **OFFICE** Preconstruction
P.I. No. 632850

DATE October 1, 2001

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

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

SUBJECT PROJECT CONCEPT REPORT

This project is the intersection improvements on SR 140 at Hickory Road in Cherokee County. State Route 140 is currently a two lane roadway with a posted speed limit of 55 MPH. Hickory Road is currently a five lane rural roadway. A three year history of accidents at this intersection indicate a total of 51 accidents with the majority being "rear end" type accidents. The existing (2005) traffic volume on this section of SR 140 is 14,000 VPD with a projected volume of 26,000 VPD in design year (2025).

The proposed construction will extend Hickory Road 0.40 mile east on new location and tie into Batesville Road. The existing intersection of SR 140 and Batesville Road (0.3 mile north of Hickory Road) will be closed. The proposed extension will consist of three, 12' lanes with 8' rural shoulders. This project will also provide left and right turn lanes at all approaches. Traffic will be maintained during construction.

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

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG DATE</u>	<u>LET DATE</u>
Construction (includes E&C and inflation)	\$1,365,000	\$217,000	2003	02-12
Right-of-Way	\$ 750,000	\$ 26,000		
Utilities*	LGPA	LGPA		

*Cherokee County signed LGPA for utilities 10-26-99.

Frank L. Danchetz

Page 2

STP-187-1(27) Cherokee

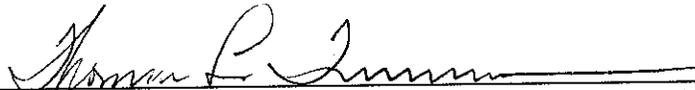
October 1, 2001

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

CWH:JDQ/cj

Attachment

CONCUR



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

APPROVE



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

SCORING RESULTS AS PER MOG 2440-2

Project Number: STP-187-1(27)		County: CHEROKEE		PI No.: 632850-	
Report Date: 9/13/01		Concept By: DOT Office: DISTRICT 6			
<input checked="" type="checkbox"/> CONCEPT		Consultant:			
Project Type: Choose One From Each Column		<input type="checkbox"/> Major <input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Urban <input checked="" type="checkbox"/> Rural	<input type="checkbox"/> ATMS <input type="checkbox"/> Bridge <input type="checkbox"/> Building <input type="checkbox"/> Interchange <input checked="" type="checkbox"/> Intersection <input type="checkbox"/> Interstate <input type="checkbox"/> New Location <input type="checkbox"/> Widening & Reconstruction <input type="checkbox"/> Miscellaneous	
FOCUS AREAS	SCORE	RESULTS			
Presentation	100%				
Judgement	100%				
Environmental	100%				
Right of Way	100%				
Utility	100%				
Constructability	100%				
Schedule	100%				

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE: STP-187-1 (27), Cherokee County
P.I. No. 632850
Intersection Improvements on SR 140
at Batesville Rd. & Hickory Rd.

OFFICE: Cartersville, Georgia

DATE: September 13, 2001

FROM: Kent L. Sager, District Engineer

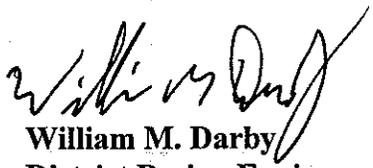
TO: Wayne Hutto, Assistant Division Director of Preconstruction

SUBJECT: Project Concept Report

SEP 18 2001

Attached is a copy of the concept report for the above mention project. Copies have been forwarded to the appropriate offices for review and comment.

If additional information is needed, please call William M. Darby at 770-387-3622. As always, your assistance is greatly appreciated.


By: William M. Darby
District Design Engineer

KLS/WMD/sbm

Attachments:

cc:

David Mulling
Marion Waters
Harvey Keepler
Marta Rosen
Herman Griffin
Andy Rikard
File

Project Concept Report
Project Number: STP-187-1 (27)
P. I. Number: 632850
County: Cherokee

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: STP-187-1 (27)
County: Cherokee
P. I. Number: 632850

Federal Route Number: none
State Route Number: SR 140

Intersection Improvements on SR 140
at Batesville Rd. and Hickory Rd.

Recommendation for approval:

DATE 9-7-2001

Curto P. Conner
Project Manager

DATE 9/10/01

Mark J. Sayer
Office Head/District Engineer

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

JDEP
9/21/2001

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

Project Concept Report
Project Number: STP-187-1 (27)
P. I. Number: 632850
County: Cherokee

Need and Purpose: This section of SR 140 is located in a rapidly developing section of Cherokee County. This project is needed due to the 51 accidents over a 3-year period as shown on the attached accident history. This project will increase safety and operating efficiency of this section of SR 140.

Description of the proposed project: This project is the addition of turn lanes on SR 140 and intersection improvements at Hickory Rd. in Cherokee County. This project will extend Hickory Rd. approximately 0.4 miles to tie into Batesville Rd. allowing the existing intersection of SR 140 and Batesville Rd. to be closed. The project will begin approximately 1000 ft. north on Hickory Rd. and end approximately 1000 ft. south of Hickory Rd. for a project length of 0.2 miles.

Is the project located in a Non-attainment area? Yes This project is for intersection improvements on SR 140 at Batesville Rd. and Hickory Rd. The number of through lanes will be two (2). The proposed open to traffic year will be 2004.

PDP Classification: - *Minor*
FEDERAL OVERSIGHT. Full Oversight (), Exempt (X), State Funded(), or Other ()

Functional Classification: Rural Minor Arterial

U. S. Route Number(s): None

State Route Number(s): 140

Traffic (AADT):

Current Year: (2005) 14000

Design Year: (2025) 26000

Existing design features:

- Typical Section: 2 – 12 ft. lanes with 4 ft. shoulders
- Posted speed: 55 mph Maximum degree of curvature: 6
- Maximum grade: 5%
- Width of right of way: 80 ft.
- Major structures: None
- Major interchanges or intersections along the project: Batesville Rd. and Hickory Rd.
- Existing length of roadway segment and beginning mile log from each county segment:
0.4 miles in Cherokee County

Proposed Design Features:

- Proposed typical section(s): 3 – 12 ft. lanes with 8 ft. shoulders
- Proposed Design Speed Mainline: 55 mph
- Proposed Maximum grade Mainline: 5% Maximum grade allowable: 5%
- Proposed Maximum grade Side Street: 5% Maximum grade allowable: 5%
- Proposed Maximum grade driveway: 15%
- Proposed Maximum degree of curve: 6 Maximum degree allowable: 6
- Right of way

Project Concept Report
 Project Number: STP-187-1 (27)
 P. I. Number: 632850
 County: Cherokee

- Width: 120 ft.
- Easements: Temporary (X), Permanent (), Utility (), Other ().
- Type of access control: Full (), Partial (), By Permit (X), Other ().
- Number of parcels: 14 Number of displacements: 1
 - Business: 1
 - Residences:
 - Mobile homes:
 - Other:

- Structures:
 - Bridges: None
 - Retaining walls: None
- Major intersections and interchanges: None
- Traffic control during construction: Existing operation shall be maintained during construction.
- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	()	(X)
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	()	(X)
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

- Design Variances: None
- Environmental concerns: Section 404, Water Quality, Hazardous waste sites
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No () ,
 - Categorical Exclusion Anticipated (X),
 - Environmental Assessment/Finding of No Significant Impact (FONSI) (), or
 - Environmental Impact Statement (EIS) () .
- Utility involvement's: Cobb EMC, Atlanta Gas, Georgia Power, Adelphia Cable, Cherokee County Water/Sewer

Project responsibilities:

- Design: GDOT
- Right of Way Acquisition: GDOT
- Relocation of Utilities: Cherokee County
- Letting to contract: GDOT
- Supervision of construction: GDOT
- Providing material pits: contractor
- Providing detours: Not Required

Project Concept Report
Project Number: STP-187-1 (27)
P. I. Number: 632850
County: Cherokee

Coordination

- Initial Concept Meeting date and brief summary: See attachments
- Public involvement:
- Local government comments:
- Other projects in the area: STP-187-1 (28)
- Other coordination to date:
• FUTURE PASSENGER RAIL CORRIDOR YES _____ NO X

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: 12 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right of way plans: 12 Months.
- Time to complete the Section 404 Permit: 12 Months
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 6 Months.
- List other major items that will affect the project schedule: None

Other alternates considered: No Build

Comments:

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Sketch location map,
3. Typical sections,
4. Accident summaries,
5. Minutes of Initial Concept and Concept meetings,
6. Location and Design Notice,
7. Conforming plan’s network schematics showing through lanes,
8. Capacity analysis.

Concur: _____
Director of Preconstruction

Approve: _____
Chief Engineer

Handwritten signature and date:
9/21/2001

PRELIMINARY COST ESTIMATE

DATE: March 14, 2001

PROJECT: STP-187-1 (27), Cherokee County

P.I. NO.: 632850

PROJECT DESCRIPTION: This project is the addition of turn lanes on SR 140 and intersection improvements at Hickory Rd. in Cherokee County. This project will extend Hickory Rd. approximately 0.4 miles to tie into Batesville Rd. allowing the existing intersection of SR 140 and Batesville Rd. to be closed. This project is to increase safety and operating efficiency of this section of SR 140.

PROPOSED CONCEPT _____

EXISTING ROAD (If Applicable) _____

TRAFFIC: Existing 14000

Design 26000

() PROGRAMMING PROCES (X) CONCEPT DEVELOPMENT () DURING PROJECT DEVELOPMENT

PROJECT COST

A. RIGHT OF WAY

- 1. PROPERTY (Land and Easements) \$ _____
- 2. DISPLACEMENTS \$ _____
- 3. OTHER COSTS \$ _____

SUBTOTAL \$ See Attached Sheet

B. REIMBURSABLE UTILITIES

- 1. RAILROAD \$ _____
- 2. TRANSMISSION LINES \$ _____
- 3. SERVICES \$ _____

SUBTOTAL: \$ See Attached Sheet

C. MAJOR STRUCTURES

- 1. WALLS \$ 0.00
- 2. BRIDGE STREAM CROSSINGS \$ 0.00
- 3. BRIDGE OVER/UNDERPASS \$ 0.00
- 4. BOX CULVERTS \$ 75,000.00

SUBTOTAL \$ 75,000.00

D. GRADING AND DRAINAGE		
1. EARTHWORK		
55000 Cu. Yds. @ \$3.00 Yd.		\$ 165,000.00
2. DRAINAGE		
a. Cross drain pipes (exc. box culverts)		\$ 4,000.00
b. Curb and Gutter		\$ 6,000.00
c. Longitudinal System (incl. Catch Basins)		\$ 10,300.00
	SUBTOTAL	\$ 185,300.00
E. BASE AND PAVING		
1. AGGREGATE BASE		\$ 172,500.00
6900 tons @ \$25/ton		
2. ASPHALT PAVING		\$ 261,000.00
5800 tons @ \$45/ton		
3. CONCRETE PAVING		\$ 0.00
4. OTHER		\$ 50,000.00
	SUBTOTAL	\$ 483,500.00
F. LUMP ITEMS		
1. TRAFFIC CONTROL		\$ 50,000.00
2. CLEARING AND GRUBBING		\$ 52,500.00
15 acres @ \$3500/acre		
3. LANDSCAPING		\$ 40,000.00
4. EROSION CONTROL		\$ 100,000.00
5. DETOURS (Incl. Temp. Bridges)		\$ 0.00
	SUBTOTAL	\$ 242,500.00
G. MISCELLANEOUS		
1. LIGHTING		\$ 60,000.00
2. SIGNING - STRIPING		\$ 17,500.00
3. GUARDRAIL		\$ 53,900.00
4. OTHER		\$ 10000.00
	SUBTOTAL	\$ 141,400.00
H. SPECIAL FEATURES	SUBTOTAL	\$ 0.00

ESTIMATE SUMMARY

A. RIGHT OF WAY	\$ See Attached Sheet
B. REIMBURSABLE UTILITIES	\$ See Attached Sheet

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	\$ 75,000.00
D. GRADING AND DRAINAGE	\$ 185,300.00
E. BASE AND PAVING	\$ 483,500.00
F. LUMP ITEMS	\$ 242,500.00
G. MISCELLANEOUS	\$ 141,400.00
H. SPECIAL FEATURES	\$ 0.00
SUBTOTAL CONSTRUCTION COST	\$ 1,127,700.00
E & C (10%)	\$ 112,770.00
INFLATION (5% PER YEAR FOR 2 YEARS)	\$ 127,148.18
TOTAL CONSTRUCTION COST	\$ 1,367,618.18
GRAND TOTAL COST	\$

Concept Cost Estimate

STP-087-1(25) Cherokee County	
1.71 Miles - 8.29 Acres	\$1,301,800.00
STP-187-1(26) Cherokee County	
3.40 Acres	\$250,000.00
STP-187-1(27) Cherokee County	
4.91 Acres	\$750,000.00
STP-187-1(28) Cherokee County	
2.02 Acres	\$375,000.00
STP-187-1(29) Cherokee County	
1.47 Acres	\$90,000.00

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE STP-187-1(27)
P.I. 632850 **OFFICE** Cartersville

FROM Kerry D. Bonner
District Utilities Engineer **DATE** July 31, 2001

TO DeWayne Comer
District Pre Construction Engineer

ATTN William Darby

SUBJECT PRELIMINARY UTILITY COST ESTIMATE

As requested by your office, we are furnishing you with a Preliminary Utility Cost estimates for each utility with facilities potentially located within the project limits.

FACILITY OWNER	NON-REIMBURSABLE	REIMBURSABLE	LOCAL GOVT. COST
Cobb EMC	No Cost		
Cherokee County Water/Sewer			225,000.00
Canton Water/Sewer	No Facilities		
Atlanta Gas Light	594,500.00		
Georgia Power		70,000.00	
Alltell	24,799.00		
Adelphia	No Cost		
BellSouth	No Facilities		
Totals	\$619,299.00	70,000.00	225,000.00

Total Preliminary Utility Cost Estimate \$914,299.00

If you have any questions, please contact Stanley Horton at 770-382-3616

KDB/RET/lsh

**C: Jeff Baker, State Utilities Engineer;
Herman Griffin, Office of Programming;
James M. Thomason, Area Engineer
File/Estimating Book**

REC NUM	COUNTY	DATE	TIME	RD N S	MILE	F	TOT INJ	TYPE ACCIDENT
1	CHEROKEE	07/24/98	2:15	140 00	22.56	0	0	STRUCK OBJECT
2	CHEROKEE	04/20/98	8:05	140 00	22.56	0	0	REAR END
3	CHEROKEE	07/16/98	19:17	140 00	22.56	0	0	STRUCK OBJECT
4	CHEROKEE	04/30/98	16:04	140 00	22.56	0	1	REAR END
5	CHEROKEE	04/14/98	17:59	140 00	22.91	0	0	REAR END
6	CHEROKEE	01/15/98	10:40	140 00	22.91	0	0	ANGLE INTERSECT
7	CHEROKEE	03/20/98	8:07	140 00	22.91	0	0	SIDESWIPE OPP D
8	CHEROKEE	03/31/98	13:05	140 00	22.91	0	0	ANGLE INTERSECT
9	CHEROKEE	04/24/98	8:05	140 00	22.91	0	0	REAR END
10	CHEROKEE	08/22/98	5:29	140 00	22.96	0	0	STRUCK OBJECT

Enter (Y/N) to see all information about a specific accident :

REC NUM	COUNTY	DATE	TIME	RD N S	MILE	F	TOT INJ	TYPE ACCIDENT
1	CHEROKEE	01/21/97	15:00	140 00	22.56	0	0	REAR END
2	CHEROKEE	11/21/97	18:53	140 00	22.56	0	2	HEAD ON
3	CHEROKEE	03/05/97	19:15	140 00	22.56	0	1	HEAD ON
4	CHEROKEE	11/06/97	4:02	140 00	22.56	0	1	STRUCK OBJECT
5	CHEROKEE	05/15/97	4:00	140 00	22.65	0	2	REAR END
6	CHEROKEE	06/16/97	17:10	140 00	22.71	0	1	OVERTURNED
7	CHEROKEE	05/28/97	17:05	140 00	22.74	0	0	REAR END
8	CHEROKEE	05/19/97	15:25	140 00	22.87	0	2	STRUCK OBJECT
9	CHEROKEE	08/01/97	17:11	140 00	22.91	0	0	REAR END
10	CHEROKEE	12/19/97	7:52	140 00	22.91	0	0	REAR END
11	CHEROKEE	12/03/97	8:10	140 00	22.91	0	0	REAR END
12	CHEROKEE	09/19/97	7:50	140 00	22.91	0	0	ANGLE INTERSECT
13	CHEROKEE	10/30/97	14:20	140 00	22.91	0	0	REAR END
14	CHEROKEE	08/23/97	15:10	140 00	22.91	0	3	HEAD ON
15	CHEROKEE	11/11/97	16:45	140 00	22.91	0	0	ANGLE INTERSECT
16	CHEROKEE	07/06/97	15:05	140 00	22.91	0	1	REAR END
17	CHEROKEE	10/01/97	18:25	140 00	22.91	0	0	REAR END
18	CHEROKEE	08/19/97	6:00	140 00	22.91	0	0	REAR END
19	CHEROKEE	05/15/97	17:15	140 00	22.91	0	1	REAR END

Enter (Y/N) to see all information about a specific accident :

REC NUM	COUNTY	DATE	TIME	RD N S	MILE	F	DT INJ	TYPE ACCIDENT
1	CHEROKEE	03/17/96	2:55	140 00	22.56	0	0	STRUCK OBJECT
2	CHEROKEE	09/11/96	6:49	140 00	22.56	0	1	HEAD ON
3	CHEROKEE	06/10/96	16:53	140 00	22.56	0	0	REAR END
4	CHEROKEE	05/29/96	19:35	140 00	22.91	0	3	ANGLE INTERSECT
5	CHEROKEE	06/07/96	12:07	140 00	22.91	0	1	OVERTURNED
6	CHEROKEE	02/14/96	8:01	140 00	22.91	0	0	ANGLE INTERSECT
7	CHEROKEE	02/26/96	15:16	140 00	22.91	0	0	REAR END
8	CHEROKEE	04/02/96	8:15	140 00	22.91	0	0	REAR END
9	CHEROKEE	11/21/96	18:03	140 00	22.91	0	1	ANGLE INTERSECT
10	CHEROKEE	12/15/96	12:45	140 00	22.91	0	0	REAR END
11	CHEROKEE	04/25/96	7:58	140 00	22.91	0	0	REAR END
12	CHEROKEE	11/30/96	11:50	140 00	22.91	0	0	ANGLE INTERSECT
13	CHEROKEE	12/05/96	15:00	140 00	22.91	0	0	ANGLE INTERSECT
14	CHEROKEE	05/14/96	6:50	140 00	22.91	0	0	REAR END
15	CHEROKEE	09/19/96	8:38	140 00	22.91	0	0	STRUCK OBJECT
16	CHEROKEE	01/10/96	16:41	140 00	22.91	0	0	REAR END
17	CHEROKEE	01/31/96	16:29	140 00	22.91	0	2	ANGLE INTERSECT
18	CHEROKEE	11/05/96	13:00	140 00	22.96	0	3	ANGLE INTERSECT
19	CHEROKEE	05/31/96	10:33	140 00	22.96	0	0	REAR END

Enter (Y/N) to see all information about a specific accident :

2	CHEROKEE	09/11/96	6:49	140	00	22.56	0	1	HEAD ON
3	CHEROKEE	06/10/96	16:53	140	00	22.56	0	0	REAR END
4	CHEROKEE	05/29/96	19:35	140	00	22.91	0	3	ANGLE INTERSECT
5	CHEROKEE	06/07/96	12:07	140	00	22.91	0	1	OVERTURNED
6	CHEROKEE	02/14/96	8:01	140	00	22.91	0	0	ANGLE INTERSECT
7	CHEROKEE	02/26/96	15:16	140	00	22.91	0	0	REAR END
8	CHEROKEE	04/02/96	8:15	140	00	22.91	0	0	REAR END
9	CHEROKEE	11/21/96	18:03	140	00	22.91	0	1	ANGLE INTERSECT
10	CHEROKEE	12/15/96	12:45	140	00	22.91	0	0	REAR END
11	CHEROKEE	04/25/96	7:58	140	00	22.91	0	0	REAR END
12	CHEROKEE	11/30/96	11:50	140	00	22.91	0	0	ANGLE INTERSECT
13	CHEROKEE	12/05/96	15:00	140	00	22.91	0	0	ANGLE INTERSECT
14	CHEROKEE	05/14/96	6:50	140	00	22.91	0	0	REAR END
15	CHEROKEE	09/19/96	8:38	140	00	22.91	0	0	STRUCK OBJECT
16	CHEROKEE	01/10/96	16:41	140	00	22.91	0	0	REAR END
17	CHEROKEE	01/31/96	16:29	140	00	22.91	0	2	ANGLE INTERSECT
18	CHEROKEE	11/05/96	13:00	140	00	22.96	0	3	ANGLE INTERSECT
19	CHEROKEE	05/31/96	10:33	140	00	22.96	0	0	REAR END

Enter (Y/N) to see all information about a specific accident : n

Enter (M/N-NO MORE) for more for more accidents : m

20	CHEROKEE	12/09/96	17:40	140	00	22.96	0	1	REAR END
21	CHEROKEE	11/21/96	12:10	140	00	22.96	0	2	ANGLE INTERSECT
22	CHEROKEE	01/10/96	8:36	140	00	22.96	0	1	REAR END

Enter (Y/N) to see all information about a specific accident :

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

Concept Team Meeting

Project: STP-187-1 (27), Cherokee County
PI No.: 632850

Date: 08-22-2001
Meeting Date: 08-01-2001

Meeting Roster:

William Darby	District 6 Design
Harlan Conley	District 6 Location
Stan Horton	District 6 Utilities
Kathy Spradley	District Environmental
David Moore	District 6 Design
Stanley McCarley	District 6 Design
Wayne Highfield	District 6 Design
Shane Kidd	District 6 design
Dewey Wofford	Cherokee County Engineering

Comments: A concept team meeting was held at the project site on 08-01-2001. The project was discussed with the following comments.

This project is intersection improvements on SR140 at Batesville Rd. and Hickory Rd.

Construction: There should not be any unusual problems associated with the construction of this project.

Utilities: The existing utilities on this project are Cobb EMC, Atlanta Gas, Georgia Power, Adelphia Cable, and Cherokee County Water/Sewer.

Rights of Way: The Department will be responsible for acquiring Rights of Way for this project.

Estimate: The estimate for this project is satisfactory.

Traffic: Traffic will be maintained during construction using stage construction.

Environmental: Level of environmental analysis: Categorical Exclusion expected.

Project Site

- 1. This project will be constructed as shown on the sketch in the concept report.**
- 2. A 404 Permit may be required for small stream on Hickory Rd. extension.**
- 3. A signal will be required at Hickory Rd. and SR140.**
- 4. Batesville will be closed at SR140.**

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-187-1(27) Cherokee County
P.I. 632850

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

This project consists of intersection improvements on SR140 at Hickory Road in Cherokee County, in GMD 1010, and in Land Lots 362, 363 and 364 2nd District.

Date of Location and Design approval: *OCTOBER 23, 2001*

This project will provide intersection improvements on SR140 at Hickory Road and will extend Hickory Rd. approximately 0.4 miles to tie into Batesville Road. in Cherokee County allowing the existing intersection of Batesville Rd. and SR 140 to be closed.

Drawings or maps of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation.

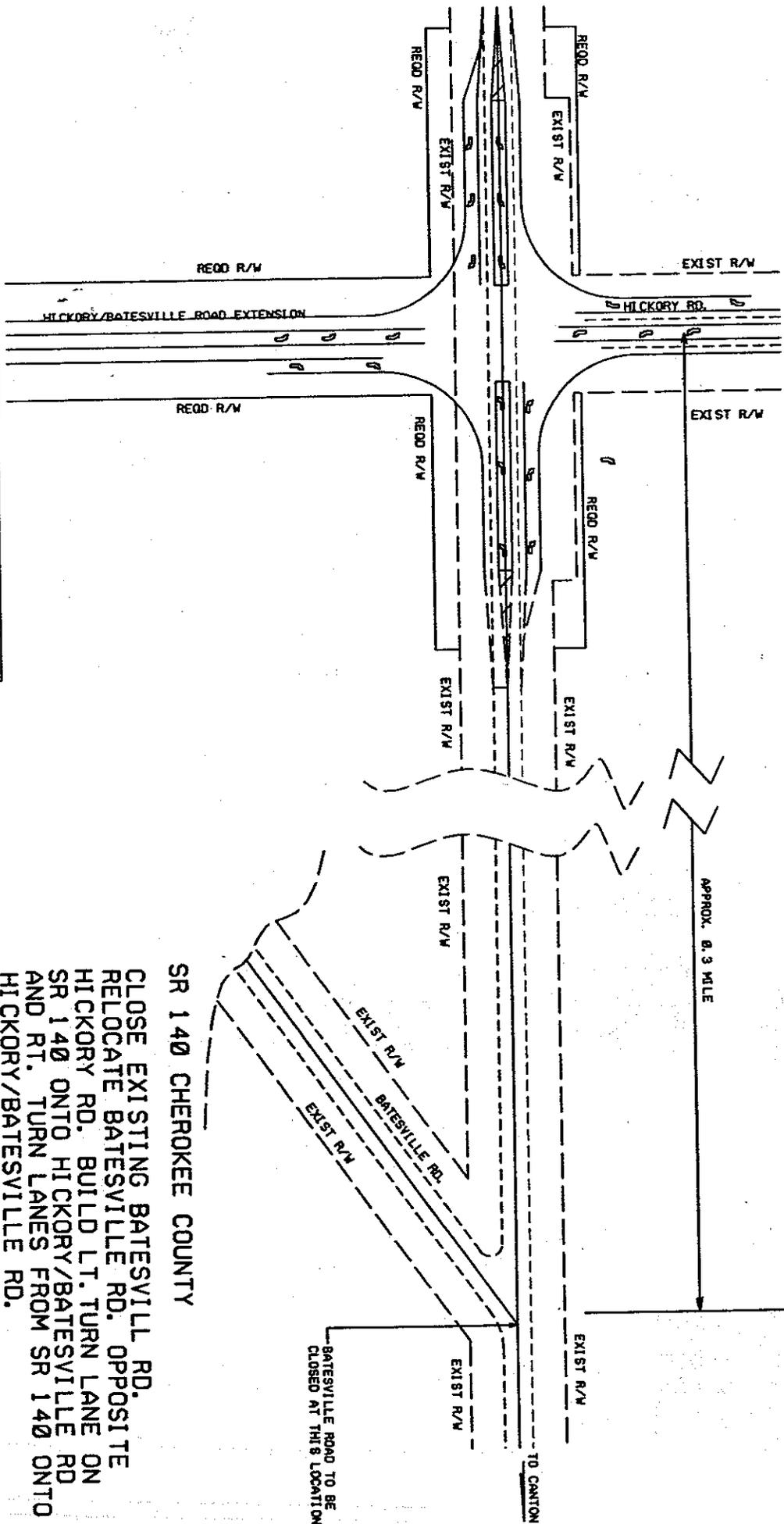
James M. Thomason
Mike.Thompson@dot.state.ga.us
874 Peoples Vly Rd, N.W.
Cartersville, GA 30120
770-387-3680

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Curtis DeWayne Comer
Preconstruction Office
DeWayne.Comer@dot.state.ga.us
500 Joe Frank Harris Parkway
Cartersville, Georgia 30120
770-387-3619

Any written request or communication in reference to this notice SHOULD include the Project and P.I. Number as noted at the top of this notice.

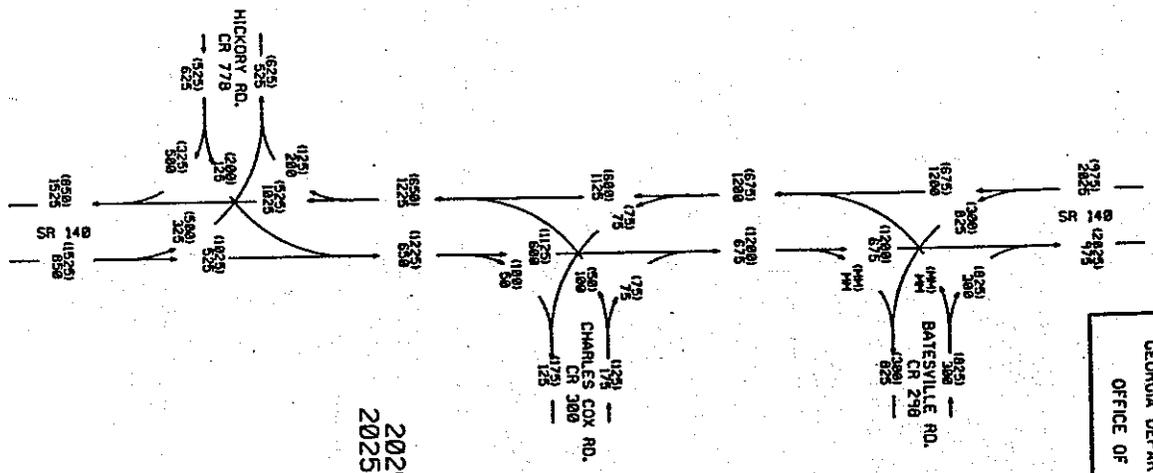
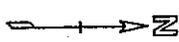
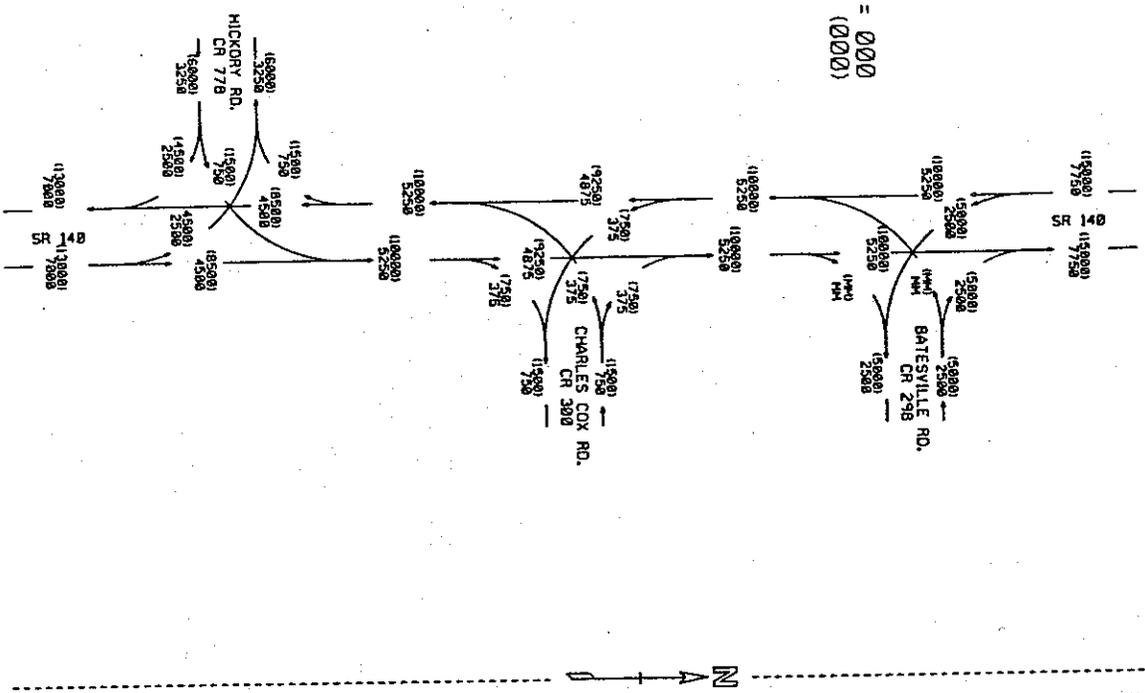
DIST TRAFFIC OPERATIONS RECOMMENDS THAT A STOP AND GO TRAFFIC SIGNAL BE INCLUDED AT THIS LOCATION



NOTE: EXTENSION OF HICKORY/BATESVILLE RD. IS A PROPOSED COUNTY CONTRACT FOR APPROX. 0.40 MILES.

SR 140 CHEROKEE COUNTY
 CLOSE EXISTING BATESVILLE RD.
 RELOCATE BATESVILLE RD. OPPOSITE
 HICKORY RD. BUILD LT. TURN LANE ON
 SR 140 ONTO HICKORY/BATESVILLE RD
 AND RT. TURN LANES FROM SR 140 ONTO
 HICKORY/BATESVILLE RD.

2005 ADT = 000
2025 ADT = (000)



2025 AM DHV = 000
2025 PM DHV = (000)

GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE OF ENVIRONMENT/LOCATION

STP-187-(127)
 P.I.# 632850
 CHEROKEE COUNTY
 SR 140 @ CR 778
 & CR 298
 T = 3%
 24 HR. T = 5%
 S.U. = 4%
 COMB. = 1%
 RCL
 4/81

Project Concept Report
Project Number: STP-187-1 (27)
P. I. Number: 632850
County: Cherokee

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: STP-187-1 (27)
County: Cherokee
P. I. Number: 632850

Federal Route Number: none
State Route Number: SR 140

Intersection Improvements on SR 140
at Batesville Rd. and Hickory Rd.

Recommendation for approval:

DATE 9-7-2001

Curtis D. Combs
Project Manager

DATE 9/10/01

Mark J. Sauer
Office Head/District Engineer

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

DATE 9-20-01

Michael J. Ryan
State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE _____

Project Review Engineer

PRELIMINARY COST ESTIMATE

DATE: March 14, 2001

PROJECT: STP-187-1 (27), Cherokee County

P.I. NO.: 632850

PROJECT DESCRIPTION: This project is the addition of turn lanes on SR 140 and intersection improvements at Hickory Rd. in Cherokee County. This project will extend Hickory Rd. approximately 0.4 miles to tie into Batesville Rd. allowing the existing intersection of SR 140 and Batesville Rd. to be closed. This project is to increase safety and operating efficiency of this section of SR 140.

PROPOSED CONCEPT _____

EXISTING ROAD (If Applicable) _____

TRAFFIC: Existing 14000 Design 26000

() PROGRAMMING PROCES (X) CONCEPT DEVELOPMENT () DURING PROJECT DEVELOPMENT

PROJECT COST

A. RIGHT OF WAY

- 1. PROPERTY (Land and Easements) \$
- 2. DISPLACEMENTS \$ _____
- 3. OTHER COSTS \$ _____

SUBTOTAL \$ 750,000
See Attached Sheet

B. REIMBURSABLE UTILITIES

- 1. RAILROAD \$ _____
- 2. TRANSMISSION LINES \$ _____
- 3. SERVICES \$ _____

SUBTOTAL: \$ 570,000
See Attached Sheet

C. MAJOR STRUCTURES

- 1. WALLS \$ 0.00
- 2. BRIDGE STREAM CROSSINGS \$ 0.00
- 3. BRIDGE OVER/UNDERPASS \$ 0.00
- 4. BOX CULVERTS \$ 75,000.00

What size? SUBTOTAL \$ 75,000.00

D. GRADING AND DRAINAGE		
1. EARTHWORK		
55000 Cu. Yds. @ \$3.00 Yd.		\$ 165,000.00
2. DRAINAGE		
a. Cross drain pipes (exc. box culverts)		\$ 4,000.00
b. Curb and Gutter		\$ 6,000.00
c. Longitudinal System (incl. Catch Basins)		\$ 10,300.00
	SUBTOTAL	\$ 185,300.00
E. BASE AND PAVING		
1. AGGREGATE BASE		\$ 172,500.00
6900 tons @ \$25/ton		
2. ASPHALT PAVING		\$ 261,000.00
5800 tons @ \$45/ton		
3. CONCRETE PAVING		\$ 0.00
4. OTHER		\$ 50,000.00
	SUBTOTAL	\$ 483,500.00
F. LUMP ITEMS		
1. TRAFFIC CONTROL		\$ 50,000.00
2. CLEARING AND GRUBBING		\$ 52,500.00
15 acres @ \$3500/acre		
3. LANDSCAPING		\$ 40,000.00
4. EROSION CONTROL		\$ 100,000.00
5. DETOURS (Incl. Temp. Bridges)		\$ 0.00
	SUBTOTAL	\$ 242,500.00
G. MISCELLANEOUS		
1. LIGHTING		\$ 60,000.00
2. SIGNING - STRIPING		\$ 17,500.00
3. GUARDRAIL		\$ 53,900.00
4. OTHER		\$ 10000.00
	SUBTOTAL	\$ 141,400.00
H. SPECIAL FEATURES	SUBTOTAL	\$ 0.00

ESTIMATE SUMMARY

A. RIGHT OF WAY

\$ ~~750,000~~ (See Attached Sheet)

B. REIMBURSABLE UTILITIES

\$ See Attached Sheet ~~70,000~~

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES	\$ 75,000.00	
D. GRADING AND DRAINAGE	\$ 185,300.00	
E. BASE AND PAVING	\$ 483,500.00	
F. LUMP ITEMS	\$ 242,500.00	
G. MISCELLANEOUS	\$ 141,400.00	
H. SPECIAL FEATURES	\$ 0.00	
SUBTOTAL CONSTRUCTION COST	\$ 1,127,700.00	—
E & C (10%)	\$ 112,770.00	—
INFLATION (5% PER YEAR FOR 2 YEARS)	\$ 127,148.18	—
TOTAL CONSTRUCTION COST	\$ 1,367,618.18	
GRAND TOTAL COST	\$	

Project Concept Report
Project Number: STP-187-1 (27)
P. I. Number: 632850
County: Cherokee

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

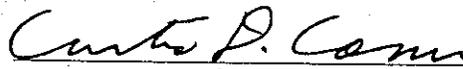
Project Number: STP-187-1 (27)
County: Cherokee
P. I. Number: 632850

Federal Route Number: none
State Route Number: SR 140

Intersection Improvements on SR 140
at Batesville Rd. and Hickory Rd.

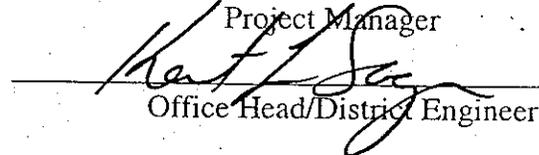
Recommendation for approval:

DATE 9-7-2001



Project Manager

DATE 9/10/01



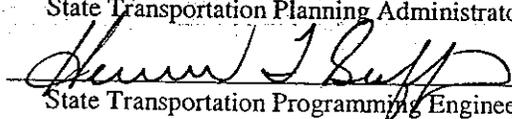
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE 9/17/01



State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

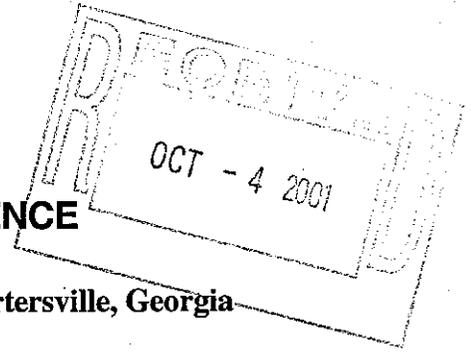
DATE _____

Project Review Engineer

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE: STP-187-1 (27), Cherokee County
P.I. No. 632850
Intersection Improvements on SR 140
At Batesville Road & Hickory Road

OFFICE: Cartersville, Georgia

DATE: October 3, 2001

FROM: Kent L. Sager, District Engineer

TO: Wayne Hutto, Assistant Division Director of Preconstruction
Attn: Johnny Quarles

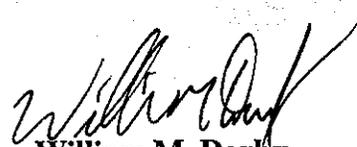
SUBJECT: Project Concept Report – Requested Additional Information

We are enclosing the Notice of Location and Design Approval for your use in the approval of the Concept on this project.

The Need and Purpose Statement is as follows:

This section of State Route 140 is located in a rapidly developing section of Cherokee County. This project is needed due to the 51 accidents in the 3-year period as shown on the attached accident history. This project will improve safety and orderly progression of traffic through the intersection. A capacity study indicated a B level of service would be obtained using 2005 traffic and an E level of service using 2025 traffic for a signalized intersection.

If additional information is needed, please call William M. Darby at 770-387-3622. As always, your assistance is greatly appreciated.

By: 
William M. Darby
District Design Engineer

KLS/WMD/sbm
Attachments:

cc: File

REC NUM	COUNTY	DATE	TIME	RD N S	MILE	F	TOT INJ	TYPE ACCIDENT
1	CHEROKEE	07/24/98	2:15	140 00	22.56	0	0	STRUCK OBJECT
2	CHEROKEE	04/20/98	8:05	140 00	22.56	0	0	REAR END
3	CHEROKEE	07/16/98	19:17	140 00	22.56	0	0	STRUCK OBJECT
4	CHEROKEE	04/30/98	16:04	140 00	22.56	0	1	REAR END
5	CHEROKEE	04/14/98	17:59	140 00	22.91	0	0	REAR END
6	CHEROKEE	01/15/98	10:40	140 00	22.91	0	0	ANGLE INTERSECT
7	CHEROKEE	03/20/98	8:07	140 00	22.91	0	0	SIDESWIPE OPP D
8	CHEROKEE	03/31/98	13:05	140 00	22.91	0	0	ANGLE INTERSECT
9	CHEROKEE	04/24/98	8:05	140 00	22.91	0	0	REAR END
10	CHEROKEE	08/22/98	5:29	140 00	22.96	0	0	STRUCK OBJECT

Enter (Y/N) to see all information about a specific accident :

REC NUM	COUNTY	DATE	TIME	RD N S	MILE	F	T LNJ	TYPE ACCIDENT
1	CHEROKEE	01/21/97	15:00	140 00	22.56	0	0	REAR END
2	CHEROKEE	11/21/97	18:53	140 00	22.56	0	2	HEAD ON
3	CHEROKEE	03/05/97	19:15	140 00	22.56	0	1	HEAD ON
4	CHEROKEE	11/06/97	4:02	140 00	22.56	0	1	STRUCK OBJECT
5	CHEROKEE	05/15/97	4:00	140 00	22.65	0	2	REAR END
6	CHEROKEE	06/16/97	17:10	140 00	22.71	0	1	OVERTURNED
7	CHEROKEE	05/28/97	17:05	140 00	22.74	0	0	REAR END
8	CHEROKEE	05/19/97	15:25	140 00	22.87	0	2	STRUCK OBJECT
9	CHEROKEE	08/01/97	17:11	140 00	22.91	0	0	REAR END
10	CHEROKEE	12/19/97	7:52	140 00	22.91	0	0	REAR END
11	CHEROKEE	12/03/97	8:10	140 00	22.91	0	0	REAR END
12	CHEROKEE	09/19/97	7:50	140 00	22.91	0	0	ANGLE INTERSECT
13	CHEROKEE	10/30/97	14:20	140 00	22.91	0	0	REAR END
14	CHEROKEE	08/23/97	15:10	140 00	22.91	0	3	HEAD ON
15	CHEROKEE	11/11/97	16:45	140 00	22.91	0	0	ANGLE INTERSECT
16	CHEROKEE	07/06/97	15:05	140 00	22.91	0	1	REAR END
17	CHEROKEE	10/01/97	18:25	140 00	22.91	0	0	REAR END
18	CHEROKEE	08/19/97	6:00	140 00	22.91	0	0	REAR END
19	CHEROKEE	05/15/97	17:15	140 00	22.91	0	1	REAR END

Enter (Y/N) to see all information about a specific accident :

REC NUM	COUNTY	DATE	TIME	RD N S	MILE	F	TOT INJ	TYPE ACCIDENT
1	CHEROKEE	03/17/96	2:55	140 00	22.56	0	0	STRUCK OBJECT
2	CHEROKEE	09/11/96	6:49	140 00	22.56	0	1	HEAD ON
3	CHEROKEE	06/10/96	16:53	140 00	22.56	0	0	REAR END
4	CHEROKEE	05/29/96	19:35	140 00	22.91	0	3	ANGLE INTERSECT
5	CHEROKEE	06/07/96	12:07	140 00	22.91	0	1	OVERTURNED
6	CHEROKEE	02/14/96	8:01	140 00	22.91	0	0	ANGLE INTERSECT
7	CHEROKEE	02/26/96	15:16	140 00	22.91	0	0	REAR END
8	CHEROKEE	04/02/96	8:15	140 00	22.91	0	0	REAR END
9	CHEROKEE	11/21/96	18:03	140 00	22.91	0	1	ANGLE INTERSECT
10	CHEROKEE	12/15/96	12:45	140 00	22.91	0	0	REAR END
11	CHEROKEE	04/25/96	7:58	140 00	22.91	0	0	REAR END
12	CHEROKEE	11/30/96	11:50	140 00	22.91	0	0	ANGLE INTERSECT
13	CHEROKEE	12/05/96	15:00	140 00	22.91	0	0	ANGLE INTERSECT
14	CHEROKEE	05/14/96	6:50	140 00	22.91	0	0	REAR END
15	CHEROKEE	09/19/96	8:38	140 00	22.91	0	0	STRUCK OBJECT
16	CHEROKEE	01/10/96	16:41	140 00	22.91	0	0	REAR END
17	CHEROKEE	01/31/96	16:29	140 00	22.91	0	2	ANGLE INTERSECT
18	CHEROKEE	11/05/96	13:00	140 00	22.96	0	3	ANGLE INTERSECT
19	CHEROKEE	05/31/96	10:33	140 00	22.96	0	0	REAR END

Enter (Y/N) to see all information about a specific accident :

2	CHEROKEE	09/11/96	6:49	140	00	22.56	0	1	HEAD ON
3	CHEROKEE	06/10/96	16:53	140	00	22.56	0	0	REAR END
4	CHEROKEE	05/29/96	19:35	140	00	22.91	0	3	ANGLE INTERSECT
5	CHEROKEE	06/07/96	12:07	140	00	22.91	0	1	OVERTURNED
6	CHEROKEE	02/14/96	8:01	140	00	22.91	0	0	ANGLE INTERSECT
7	CHEROKEE	02/26/96	15:16	140	00	22.91	0	0	REAR END
8	CHEROKEE	04/02/96	8:15	140	00	22.91	0	0	REAR END
9	CHEROKEE	11/21/96	18:03	140	00	22.91	0	1	ANGLE INTERSECT
10	CHEROKEE	12/15/96	12:45	140	00	22.91	0	0	REAR END
11	CHEROKEE	04/25/96	7:58	140	00	22.91	0	0	REAR END
12	CHEROKEE	11/30/96	11:50	140	00	22.91	0	0	ANGLE INTERSECT
13	CHEROKEE	12/05/96	15:00	140	00	22.91	0	0	ANGLE INTERSECT
14	CHEROKEE	05/14/96	6:50	140	00	22.91	0	0	REAR END
15	CHEROKEE	09/19/96	8:38	140	00	22.91	0	0	STRUCK OBJECT
16	CHEROKEE	01/10/96	16:41	140	00	22.91	0	0	REAR END
17	CHEROKEE	01/31/96	16:29	140	00	22.91	0	2	ANGLE INTERSECT
18	CHEROKEE	11/05/96	13:00	140	00	22.96	0	3	ANGLE INTERSECT
19	CHEROKEE	05/31/96	10:33	140	00	22.96	0	0	REAR END

Enter (Y/N) to see all information about a specific accident : n

Enter (M/N-NO MORE) for more for more accidents : m

20	CHEROKEE	12/09/96	17:40	140	00	22.96	0	1	REAR END
21	CHEROKEE	11/21/96	12:10	140	00	22.96	0	2	ANGLE INTERSECT
22	CHEROKEE	01/10/96	8:36	140	00	22.96	0	1	REAR END

Enter (Y/N) to see all information about a specific accident :

Department of Transportation
State of Georgia

INTERDEPARTMENTAL CORRESPONDENCE

OCT 10 2001

File: STP-187-1 (27) / Cherokee County
P.I. No. 632850

Office: Traffic Safety & Design
Atlanta, Georgia
Date: September 20, 2001

From: *PMA*
Phillip M. Allen, State Traffic Safety and Design Engineer
To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review

We have reviewed the above referenced concept report for the intersection improvements on SR 140 at Hickory Road.

Hickory Road currently intersects SR 140 0.3 miles west of Batesville Road at "T" intersections. A county contract has been proposed to realign Batesville Road to tie into SR 140 at Hickory Road. This concept proposes to install left and right turn lanes on all approaches at the proposed intersection. The project length is 0.2 miles.

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

PMA/bm

Attachment (signature page)

Cc: Harvey Keeper, Environment/Location Engineer
Kent Sager, District Engineer – Cartersville
Attention: William Darby, District Design Engineer
David Mulling, Engineer Services, w/ attachment
Marta Rosen, State Transportation Planning Administrator
Chuck Hasty, TMC
General Files
Office Files

Project Concept Report
Project Number: STP-187-1 (27)
P. I. Number: 632850
County: Cherokee

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: STP-187-1 (27)
County: Cherokee
P. I. Number: 632850

Federal Route Number: none
State Route Number: SR 140

Intersection Improvements on SR 140
at Batesville Rd. and Hickory Rd.

Recommendation for approval:

DATE 9-7-2001

Curto P. Connor
Project Manager

DATE 9/10/01

Mark J. Sauer
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE 9-28-01

Phillip M. Allen
State Traffic ~~Operations~~ Engineer
SAFETY & DESIGN

DATE _____

Project Review Engineer

Project Concept Report
Project Number: STP-187-1 (27)
P. I. Number: 632850
County: Cherokee

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Project Number: STP-187-1 (27)
County: Cherokee
P. I. Number: 632850

Federal Route Number: none
State Route Number: SR 140

Intersection Improvements on SR 140
at Batesville Rd. and Hickory Rd.

Recommendation for approval:

DATE 9-7-2001

Curto P. Connor
Project Manager

DATE 9/10/01

Hart J. Segan
Office Head/District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

State Transportation Programming Engineer

DATE _____

State Environmental/Location Engineer

DATE _____

State Traffic Operations Engineer

DATE 9/21/01

O. J. Mallory
Project Review Engineer