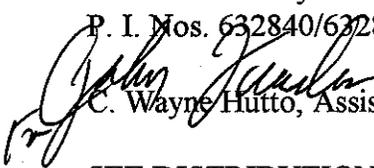


D.O.T. 66

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

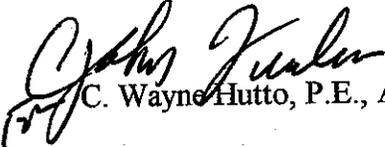
DISTRIBUTION:

Tom Turner  
David Mulling  
Harvey Keeper  
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(28) Cherokee County **OFFICE** Preconstruction  
P.I. No. 632855 **DATE** October 4, 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 Mauldin Road and Univeter Road in Cherokee County. State Route 140 is currently a two lane roadway with 12' lanes and a posted speed limit of 55 MPH. Mauldin Road and Univeter Road are two lane roadways and are approximately 150' apart. This project will begin 1,000' north of Mauldin Road and end 1,000' south of Univeter Road for a total of 0.40 mile. Currently, the intersection is at capacity and the lack of adequate turn lane capacity and increased residential development has caused congestion in the area. The existing (2005) traffic volume on this section of SR 140 is 14,000 VPD with a projected 27,000 VPD in year 2025.

The construction proposes to add a left turn lane on SR 140 at Mauldin Road and Univeter Road and a right turn lane on SR 140 at Mauldin Road and a right turn lane on Univeter Road at SR 140. Traffic will be maintained during construction.

Environmental concerns include requiring a Categorical Exclusion 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)	\$281,000	\$310,000	2003	02-12
Right-of-Way	\$375,000	\$ 47,000		
Utilities*	LGPA	LGPA		

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

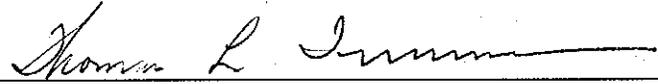
Frank L. Danchetz  
Page 2

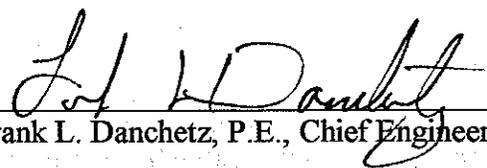
STP-187-1(28) Cherokee  
October 4, 2001

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

<b>Project Number:</b> STP-187-1(28)		<b>County:</b> CHEROKEE		<b>PI No.:</b> 632855-	
<b>Report Date:</b> 8/24/01		<b>Concept By:</b> DOT Office: DISTRICT 6			
<input checked="" type="checkbox"/> CONCEPT		Consultant: N/A			
<b>Project Type:</b> 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	
<b>FOCUS AREAS</b>	<b>SCORE</b>	<b>RESULTS</b>			
<b>Presentation</b>	90%	Need and Purpose Statement does not adequately address the "need" for the project.			
<b>Judgement</b>	100%				
<b>Environmental</b>	100%				
<b>Right of Way</b>	100%				
<b>Utility</b>	100%				
<b>Constructability</b>	100%				
<b>Schedule</b>	100%				

# DEPARTMENT OF TRANSPORTATION

## STATE OF GEORGIA

### INTERDEPARTMENT CORRESPONDENCE

AUG 28 2001

**FILE:** STP-187-1(28) Cherokee County  
P.I. No. 632855  
S.R. 140 at Univeter Rd.

**OFFICE:** Cartersville, Georgia

**DATE:** August 24, 2001

**FROM:** Kent L. Sager, District Engineer

**TO:** Wayne Hutto, Assistant Division Director of Preconstruction

**SUBJECT:** Project Concept Report

Attached is a copy of the concept report for project STP-187-1(38) Cherokee County. 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  
Attachments:

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

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
District Six

Project Number: STP-187-1(28)  
County: Cherokee  
P. I. Number: 632855

Federal Route Number: None  
State Route Number: SR 140

Intersection Improvements on SR 140  
at Mauldin Rd. and Univeter Rd.

Recommendation for approval:

DATE 8-23-2001

Curtis D. Corn  
Project Manager

DATE 8/23/01

Mark J. Soy  
District Engineer  
PLAN

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).

Del  
9/15/2001

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 page 3

Project Number:

P. I. Number:

County:

**Need and Purpose:** This section of SR 140 is located in a rapidly developing section of Cherokee County. 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 Mauldin Rd. and Univeter Rd. in Cherokee County. The project will begin approximately 1000 ft north on Mauldin Rd. and end approximately 1000 ft. south of Univeter Rd. for a project length of 0.4 miles.

**Is the project located in a Non-attainment area?**  Yes  No. This project is for intersection improvements on SR 140 at Mauldin Rd. and Univeter 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):** SR 140

**Traffic (AADT):**  
Current Year: (2005) 14000 Design Year: (2025) 27000

**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: Mauldin and Univeter Rd.
- Existing length of roadway segment: 0.4 miles in Cherokee County

Project Number:

P. I. Number:

County:

**Proposed Design Features:**

- Proposed typical section(s): 2 – 12' thru lanes with 8' shoulders. There will be left turn lanes (12') on State Route 140 at Univeter Road and at Mauldin Road. There will also be a right turn lane on State Route 140 at Mauldin Road. Univeter Road will have a right turn lane (12') at State Route 140.
- Proposed Design Speed Mainline 55mph
- Proposed Maximum grade Mainline 2%                      Maximum grade allowable 5%.
- Proposed Maximum grade Side Street 7.50%                      Maximum grade allowable 10%.
- Proposed Maximum grade driveway 16%
- Proposed Maximum degree of curve 4° 45'.                      Maximum degree allowable 6°.
- Right of way
  - Width Varies.
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (X), Other ( ).
  - Number of parcels: 8                      Number of displacements:
    - Business: \_\_\_\_\_
    - Residences: \_\_\_\_\_
    - Mobile homes: \_\_\_\_\_
    - Other: 1
- Structures:
  - Bridges - None
  - Retaining walls - None
- Major intersections and interchanges. – Univeter Road and Mauldin Road
- Traffic control during construction: Traffic to be maintained on existing road 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: This project will require the relocation of UST's
- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion: Anticipated (X)
- Utility involvement: Cable TV, Power, Phone, Water, Gas,

Project Concept Report page 5

Project Number:

P. I. Number:

County:

**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. N/R

**Coordination**

- Concept meeting date and brief summary. Attach minutes.
- Public involvement. Local government comments.
- Other projects in the area – STP-187-1(29)

● 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.

**Other alternates considered:** No Build.

**Comments:**

Project Number:

P. I. Number:

County:

**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 Concept meetings,
6. Location and Design Notice
7. Project Sketch

Concur: \_\_\_\_\_

Director of Preconstruction

Approve: \_\_\_\_\_

Chief Engineer

*dlp*  
9/5/2001

REC NUM	COUNTY	DATE	TIME	RD N S	MILE	F	TOT INJ	TYPE ACCIDENT
1	CHEROKEE	06/26/98	18:44	140 00	19.41	0	4	HEAD ON
2	CHEROKEE	06/13/98	18:49	140 00	19.48	0	0	REAR END
3	CHEROKEE	06/13/98	7:45	140 00	19.68	0	0	ANGLE INTERSECT

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	05/06/97	10:56	140 00	19.35	0	2	ANGLE INTERSECT
2	CHEROKEE	02/11/97	16:04	140 00	19.48	0	0	REAR END
3	CHEROKEE	07/23/97	4:00	140 00	19.48	0	0	REAR END
4	CHEROKEE	05/21/97	8:34	140 00	19.48	0	2	REAR END
5	CHEROKEE	07/07/97	14:21	140 00	19.48	0	2	HEAD ON
6	CHEROKEE	09/27/97	10:21	140 00	19.68	0	0	ANGLE INTERSECT

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	12/12/96	17:09	140 00	19.35	0	0	REAR END
2	CHEROKEE	07/19/96	8:37	140 00	19.35	0	0	ANGLE INTERSECT
3	CHEROKEE	09/22/96	9:57	140 00	19.35	0	0	SIDESWIPE OPP D
4	CHEROKEE	01/11/96	8:26	140 00	19.41	0	0	ANGLE INTERSECT

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

NOTICE OF LOCATION AND DESIGN APPROVAL

STP-187-1(28) Cherokee County  
P.I. 632855

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 Mauldin Road and Univeter Road in Cherokee County, in GMD 1010, and in Land Lots 44 and 45 15<sup>th</sup> District.

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

This project will provide intersection improvements on SR140 at Mauldin Road and Univeter Road in Cherokee County.

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

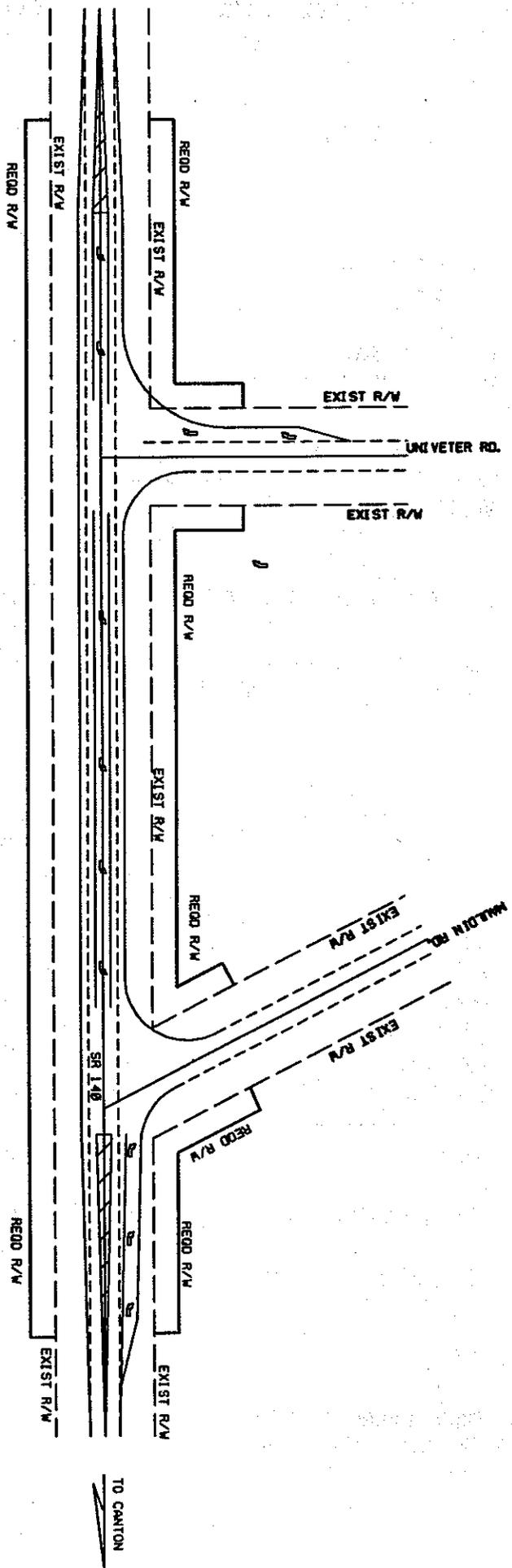
James M. Thomason  
Mike.Thompson@dot.state.ga.us  
874 Peoples Vly Rd, N.W.  
Cartersville, GA 30120  
770-387-3680

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.

SR 140 CHEROKEE COUNTY  
 MAULDIN RD. AND UNIVETER RD  
 PROPOSED RT. TURN LANE FROM  
 SR 140 ONTO MAULDIN RD  
 LT. TURN FROM SR 140 ONTO  
 MAULDIN AND UNIVETER RD.



DATE	PROJECT NUMBER	SCALE
6/1	SR 140	1" = 40'

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** STP-187-1(28)  
P.I. 632855

**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			\$100,000.00
Canton Water/Sewer	No Facilities		
Atlanta Gas Light	\$200,000.00		
Georgia Power	No Facilities		
Alltell	\$27,174.00		
Adelphia	No Cost		
BellSouth	No Facilities		
<b>Totals</b>	<b>\$227,174.00</b>		<b>\$100,000.00</b>

**Total Preliminary Utility Cost Estimate \$327,174.00**

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

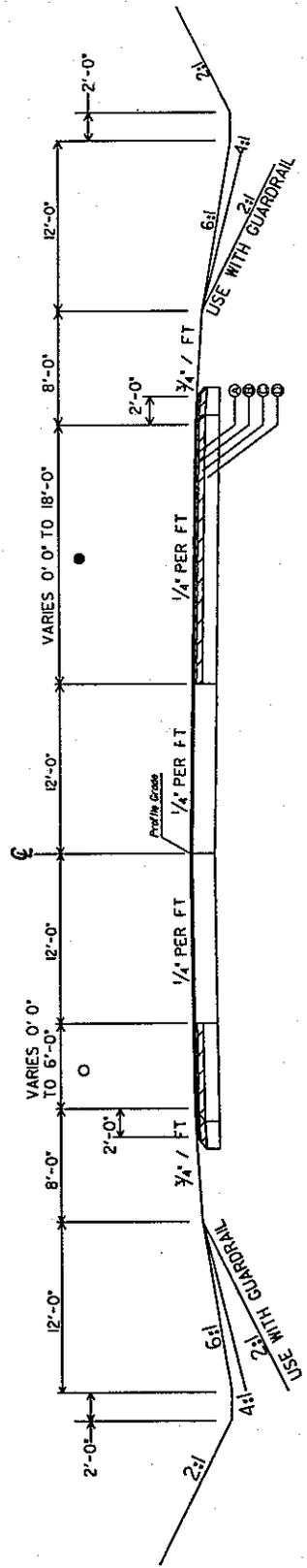
## Concept Cost Estimate

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

STATE	PROJECT NUMBER	DATE
CA.		

# TYPICAL SECTION

SR 140  
NO SCALE



PRELIMINARY COST ESTIMATE

PROJECT NUMBER: STP-187-1(28)

COUNTY: Cherokee

DATE: June 19, 2001

ESTIMATED LETTING DATE: July 2002

PREPARED BY: David P. Moore

PROJECT LENGTH (MILES): 0.309

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

PROJECT COST	
A. RIGHT-OF-WAY:	
1. PROPERTY (LAND & EASEMENT)	\$ 375000.00
2. DISPLACEMENTS; RES:0, BUS;0, M.H.:0	\$ 0.00
3. OTHER COST (ADM./COST, INFLATION)	\$ 0.00
SUBTOTAL:A	\$ 375000.00
B. REIMBURSABLE UTILITIES:	
1. RAILROAD	\$ 0
2. TRANSMISSION LINES	\$ 0
3. SERVICES	\$ 0
SUBTOTAL:B	\$ 0
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$ 0.00
a. RETAINING WALLS	\$ 0.00
b. BRIDGES	\$ 0.00
c. DETOURS BRIDGES	\$ 0.00
d. BOX CULVERTS	\$ 0.00
SUBTOTAL:C-1	\$ 0.00
2. GRADING AND DRAINAGE:	
a. EARTHWORK C= 4650CY F= 3850 CY	\$ 13950.00
b. DRAINAGE:	
1) Cross Drain Pipe (exclude box culverts)	\$ 17850.00
2) Curb and Gutter	\$ 2964.00
3) Longitudinal System(include catch basins)	\$ 3276.00
SUBTOTAL:C-2	\$ 38040.00
3. BASE AND PAVING:	
a. AGGREGATE BASE	\$ 0

PROJECT COST		
b. ASPHALT PAVING: Surface	\$ 25204.00	
Binder	\$ 60291.00	
Base	\$ 74592.00	
SUBTOTAL:C-3.b		\$ 160087.00
c. CONCRETE PAVING		\$ 0.00
d. OTHER		\$ 0.00
SUBTOTAL:C-3		\$ 160087.00
4. LUMP ITEMS:		
a. TRAFFIC CONTROL		\$ 25000.00
b. CLEARING AND GRUBBING		\$ 10000.00
c. LANDSCAPING		\$ 0.00
d. EROSION CONTROL		\$ 7000.00
e. DETOURS		\$ 0.00
SUBTOTAL:C-4		\$ 42000.00
5. MISCELLANEOUS:		
a. LIGHTING		\$ 0.00
b. SIGNING - STRIPING - SIGNAL		\$ 2400.00
c. GUARDRAIL		\$ 0.00
d. SIDEWALK - MEDIAN BARRIER		\$ 0.00
SUBTOTAL:C-5		\$ 2400.00
6. SPECIAL FEATURES	SUBTOTAL:C-6	\$ 0.00

**ESTIMATE SUMMARY**

<b>ESTIMATE SUMMARY</b>		
A. RIGHT-OF-WAY		\$375000.00
B. REIMBURSABLE UTILITIES		\$0.00
C. CONSTRUCTION		
1. MAJOR STRUCTURES	\$	0.00
2. GRADING AND DRAINAGE	\$	38040.00
3. BASE AND PAVING	\$	160087.00
4. LUMP ITEMS	\$	42000.00
5. MISCELLANEOUS	\$	2400.00
6. SPECIAL FEATURES	\$	0.00
SUBTOTAL CONSTRUCTION COST	\$	242527.00
E. & C. (10%)	\$	24253.00
INFLATION (5% PER YEAR)	\$	12127.00
NUMBER OF YEARS	1	
TOTAL CONSTRUCTION COST		\$278907.0
GRAND TOTAL PROJECT COST		\$653907.00

**DEPARTMENT OF TRANSPORTATION**  
**STATE OF GEORGIA**

---

**Concept Team Meeting**

**Project: STP-BRS-0692(25) Cherokee County**  
**PI No.: 632855**

**Date: 08-13-2001**  
**Meeting Date: 08-01-2001**

**Meeting Roster:**

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

**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 improvement on SR 140 at Mauldin Rd. and Univeter 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, BellSouth, Adelphia Cable, Alltell, Georgia Power, Canton Water/Sewer 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. Stage construction will be used, the county has been asked to concur with closing Univeter and Mauldin Roads alternately for 30 days each, during construction.**
- 3. There may be UST involvement at this location.**

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
District Six

Project Number: STP-187-1(28)  
County: Cherokee  
P. I. Number: 632855

Federal Route Number: None  
State Route Number: SR 140

Intersection Improvements on SR 140  
at Mauldin Rd. and Univeter Rd.

Recommendation for approval:

DATE 8-23-2001

Carroll D. Corn

Project Manager

DATE 8/23/01

Mark J. Jey

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 8/30/01

Sharon S. Guff  
State Transportation Programming Engineer

DATE \_\_\_\_\_

State Environmental/Location Engineer

DATE \_\_\_\_\_

State Traffic Operations Engineer

DATE \_\_\_\_\_

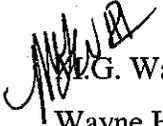
Project Review Engineer

Department of Transportation  
State of Georgia

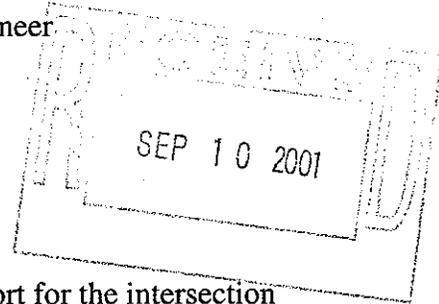
INTERDEPARTMENTAL CORRESPONDENCE

File: STP -187-1 (28) / Cherokee County  
P.I. No. 632855

Office: Traffic Operations  
Atlanta, Georgia  
Date: August 29, 2001

From:  M.G. Waters, III, P.E., State Traffic Operations Engineer  
To: Wayne Hutto, Assistant Director of Preconstruction

Subject: Project Concept Report Review



We have reviewed the above referenced concept report for the intersection improvements on SR 140 at Mauldin Road and Univeter Road. This project will begin 1000 feet north of Mauldin Road and end 1000 feet south of Univeter Road for a project length of 0.4 miles.

SR 140 is currently a two-lane roadway with 12-foot lanes and a posted speed limit of 55mph. Mauldin Road and Univeter Road are 2-lane roadways and approximately 150 feet apart. This concept proposes to install a 12-foot left turn lane on SR 140 at Mauldin Road and Univeter Road and a 12-foot right turn lane on SR 140 at Mauldin Road and a 12-foot right turn lane on Univeter Road at SR 140. There are no design exceptions anticipated at this time.

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

MGW/BM

Attachment (signature page)

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

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
District Six

Project Number: STP-187-1(28)  
County: Cherokee  
P. I. Number: 632855

Federal Route Number: None  
State Route Number: SR 140

Intersection Improvements on SR 140  
at Mauldin Rd. and Univeter Rd.

Recommendation for approval:

DATE 8-23-2001

Curtis D. Corn

Project Manager

DATE 8/23/01

Mark J. Jay

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 08/31/01

Marion Hulata  
State Traffic Operations Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
District Six

Project Number: STP-187-1(28)  
County: Cherokee  
P. I. Number: 632855

Federal Route Number: None  
State Route Number: SR 140

Intersection Improvements on SR 140  
at Mauldin Rd. and Univeter Rd.

Recommendation for approval:

DATE 8-23-2001

Curtis D. Corn

Project Manager

DATE 8/23/01

Mark J. Joy  
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 9-13-01

Mark J. Joy

State Transportation Planning Administrator

DATE \_\_\_\_\_

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**

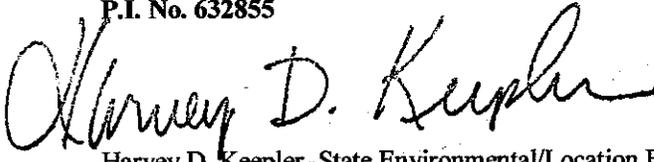
FILE:

P.I. No. 632855

OFFICE: Environment/Location

DATE: September 17, 2001

FROM:



Harvey D. Keeper, State Environmental/Location Engineer

TO:

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

SUBJECT:

**PROJECT CONCEPT REPORT**  
STP-187-1(28), CHEROKEE COUNTY

The above subject concept report has been reviewed. History: 2 Historic Houses (both eligible) in project vicinity.

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

HDK/rtt

Attachment

cc: David Mulling  
Kent Sager

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
District Six

Project Number: STP-187-1(28)  
County: Cherokee  
P. I. Number: 632855

Federal Route Number: None  
State Route Number: SR 140

Intersection Improvements on SR 140  
at Mauldin Rd. and Univeter Rd.

Recommendation for approval:

DATE 8-23-2001

Curtis D. Corn  
Project Manager

DATE 8/23/01

Mark J. Soyars  
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 9/14/01

William D. Simpson  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Operations Engineer

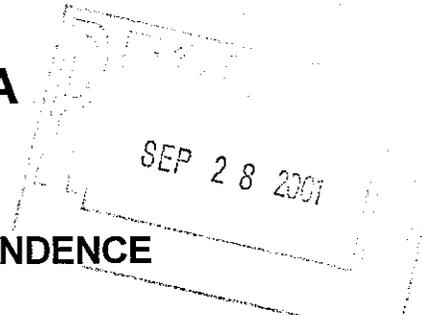
DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

# DEPARTMENT OF TRANSPORTATION

## STATE OF GEORGIA

### INTERDEPARTMENT CORRESPONDENCE



**FILE:** STP-187-1 (28) Cherokee County  
P.I. No. 632855  
S.R. 140 at Univeter Rd.

**OFFICE:** Cartersville, Georgia  
**DATE:** September 27, 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 13 accidents in the 3-year period as shown on the attached accident history. The additional center turn lanes and right turn lane will provide storage for vehicles making left and right turns, therefore allowing mainline traffic to flow unimpeded. This project will increase safety and operating efficiency on this section of State Route 140. A capacity study indicates a level of service of C will be obtained using 2005 traffic. A capacity study indicates a multi-lane facility or a signalized intersection may be necessary in the future using 2025 traffic.

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  
Attachments:

cc:File

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

District Six  
*PROJECT CONCEPT REPORT*

Project Number: STP-187-1(28)

County: Cherokee

P. I. Number: 632855

Federal Route Number: None

State Route Number: SR 140

Intersection Improvements on SR 140  
at Mauldin Rd. and Univeter Rd.

Recommendation for approval:

DATE 8-23-2001

Curtis D. Corn

Project Manager

DATE 8/23/01

Hart J. Jay

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).

PLAN

ADD  
9/15/2001

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Programming Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environmental/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Operations Engineer

DATE 8/28/01

[Signature]  
Project Review Engineer