

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

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**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P. I. No. 0006719, Cherokee County **OFFICE** Preconstruction  
STP-0006-00(719)  
Marietta Road and Hickory Flat Road  
Intersection Improvements **DATE** December 19, 2005

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

**TO** SEE DISTRIBUTION

**SUBJECT APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

MBP/cj

Attachment

**DISTRIBUTION:**

Brian Summers  
Harvey Keepler  
Ken Thompson  
Jamie Simpson  
Michael Henry  
Keith Golden  
Joe Palladi (file copy)  
Paul Liles  
Babs Abubakari  
Kent Sager  
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P.I. No. 0006719, Cherokee County **OFFICE** Preconstruction  
 STP-0006-00(719)  
 Marietta Road and Hickory Flat Road  
 Intersection Improvements **DATE** December 12, 2005

**FROM** *for John Kunkle*  
 Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** David E. Studstill, Jr., P.E., Chief Engineer

**SUBJECT** PROJECT CONCEPT REPORT

This project is the intersection improvements at Marietta Road and Hickory Flat Highway in Cherokee County. The construction proposes to provide signal improvements and storage capacity of the existing left turn lane on Marietta Road will be improved to provide extra storage for vehicles turning left onto Hickory Flat Highway. In addition, the project will install urban shoulders with curb and gutter, sidewalks, curb ramps, improved driveways in accordance with ADA and City of Canton guidelines, and pedestrian lighting to create a safe pedestrian corridor. This project ties into project CM-0004-00(495) which extends along Marietta Road from Marietta Highway to Edwards Street and from Longview Street to East Marietta Street. This project is located in the City of Canton's Livable Center Initiative (LCI) study area and will create connectivity to the city's sidewalk network.

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>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$441,000	\$340,000	L230	2006
Right-of-Way & Utilities*	Local	Local		

\*City of Canton signed PMA for PE, right-of-way, utilities and 20% of construction costs.

David Studstill

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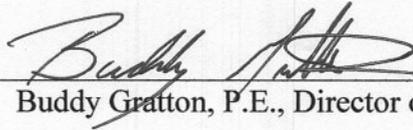
P. I. No. 0006719, Cherokee  
December 12, 2005

I recommend this project concept be approved, and this project be constructed concurrently with project CM-0004-00(495), P. I. No. 0004495.

MBP:JDQ/cj

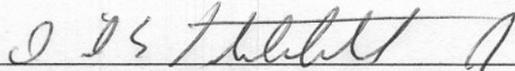
Attachment

CONCUR



Buddy Gratton, P.E., Director of Preconstruction

APPROVE



David E. Studstill, Jr., P.E., Chief Engineer

# DEPARTMENT OF TRANSPORTATION

## STATE OF GEORGIA

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### INTERDEPARTMENT CORRESPONDENCE

**FILE** STP-0006-00(719), Cherokee OFFICE **Cartersville, Ga.**  
PI 0006719  
Marietta Rd. @ Hickory Flat Rd. DATE **Nov. 28, 2005**

**FROM** **Kent L. Sager, District Engineer – District Six**

**TO** ***Meg Pirkle, Assistant Division Director of Preconstruction***

**SUBJECT** **Project Concept Report for Approval**

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

If additional information is needed, please call Andy Rikard at 770-387-3654.

**By: *Andy Rikard***  
***District 6 Planning***

***AER:CDC:aer***

***Attachments:***

**cc:** *Brian Summers, Project Review Engineer*  
*Harvey Keepler, State Environmental/Location Engineer*  
*Carla Holmes, State Traffic Operations Engineer*  
*Joe Palladi, State Transportation Planning Administrator*  
*Jamie Simpson, Financial Management Administrator*  
*Main File*  
*File*

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

PROJECT CONCEPT REPORT

Prepared by: ARCADIS

Project Number: STP-0006-00(719)

County: Cherokee

P. I. Number: 0006719

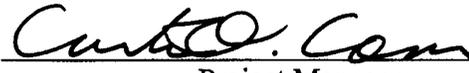
Federal Route Number: N/A

State Route Number: N/A

Intersection Improvements  
Marietta Road and Hickory Flat Highway

Recommendation for approval:

DATE ~~11-21-05~~ 11-21-05

  
Project Manager

DATE 11/21/05

  
District Engineer

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

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
Office of Financial Management Administrator

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

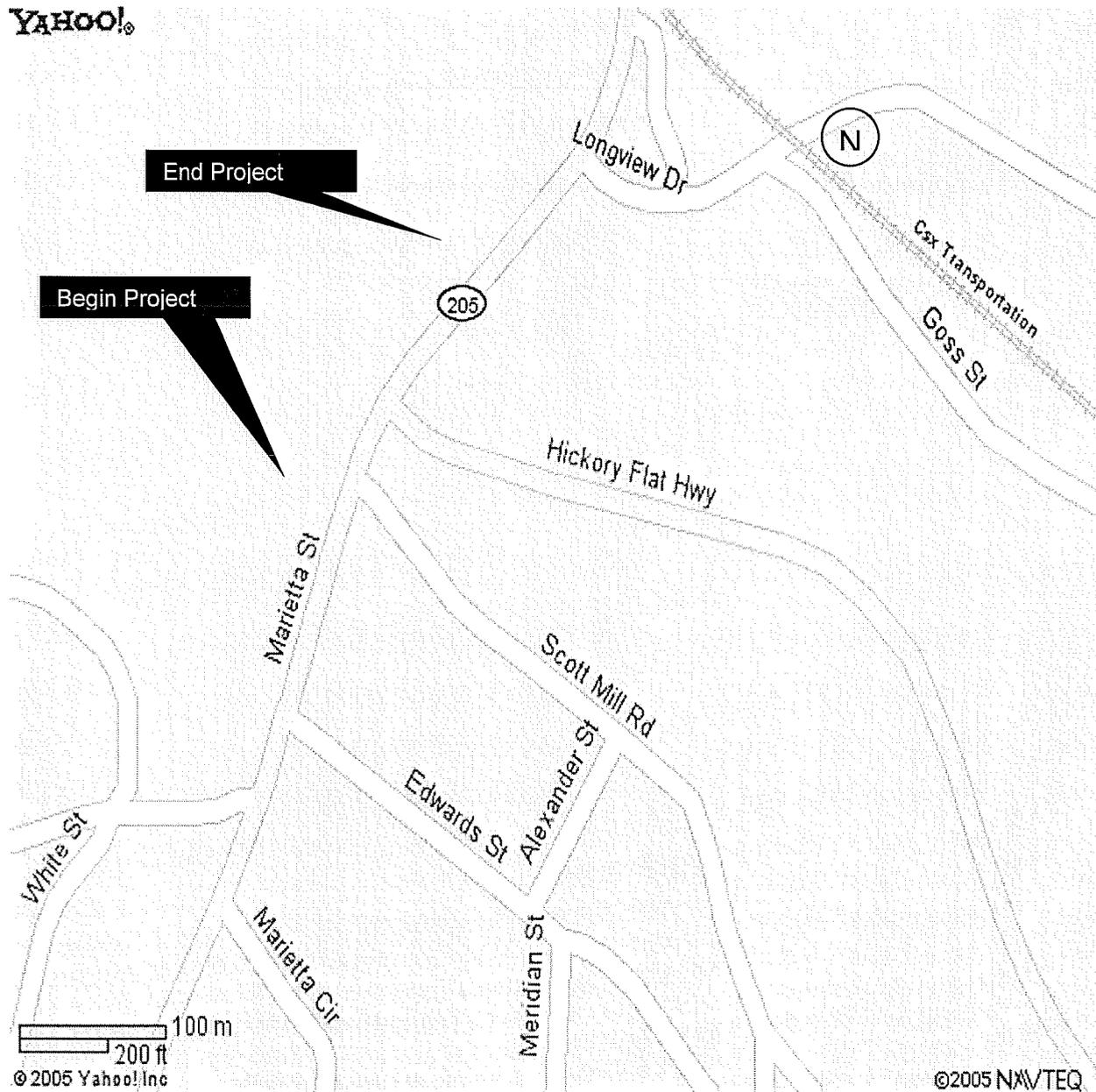
\_\_\_\_\_  
State Traffic Safety & Design Engineer

DATE \_\_\_\_\_

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

## Project Location Map

Not to Scale



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

PDP Classification: Minor, Existing

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

Functional Classification: Urban Minor Arterial Road

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

Traffic (AADT):

Current Year: (2006) 14,700

Design Year: (2026) 26,520

**Existing Design Features:**

- Typical Section: Existing two-lane rural roadway consisting of 12-foot lanes with approximately 2 percent cross slope from centerline with ditch.
- Posted Speed: 35 mph
- Minimum Radius: 510 feet
- Maximum Grade: N/A
- Width of Right-of-Way: 60 feet
- Major Structures: Bridge over Canton Creek
- Existing Length of Roadway Segment: 0.24 mile

**Proposed Design Features:**

- Proposed Typical Section(s): Overlay existing two lanes and add 10-foot urban shoulders. The shoulder includes 2-foot curb and gutter, 2-foot grass strip, 5-foot sidewalk, and 1-foot outside grass strip.
- Proposed Design Speed Mainline: 35 mph
- Proposed Maximum Grade on Existing Mainline: Match Existing %
- Proposed Maximum Grade on New Alignment Mainline: N/A
- Proposed Maximum Grade Side Street: Match Existing %
- Proposed Maximum Grade Side Street Allowable: Match Existing %
- Proposed Maximum Grade Driveway:
  - Desirable 11% on Commercial Driveway (if possible)
  - Desirable 15% on Residential Driveway (if possible)
- Proposed Minimum Radius: 510 feet
- Right-of-Way
  - Width: 60 feet
  - Easements: Temporary (X), Permanent ( ), Utility ( ), Other ( ).
  - Type of Access Control: Full ( ), Partial ( ), By Permit (X), Other ( ).
  - Number of Parcels: 7 Number of displacements:
    - Businesses: 0 \*
    - Residences: 0
    - Mobile homes: 0
    - Other: 0

- Structures:
  - Utilize existing sidewalk on Marietta Road Bridge over Canton Creek.
- Major Intersections and Interchanges: N/A
- Traffic Control During Construction: For this project, traffic would be maintained through the use of single lane closure, pilot cars, flaggers, and appropriate signing for traffic control. All traffic control would be performed following the *Manual of Uniform Traffic Control Devices* and Georgia Department of Transportation specifications.

- 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 anticipated
- Environmental Concerns: None anticipated
- Level of Environmental Analysis:
  - Are Time Saving Procedures appropriate? Yes (X), No ( )
  - Categorical Exclusion (Yes)
  - Environmental Assessment/Finding of No Significant Impact (FONSI) (No) or
  - Environmental Impact Statement (EIS) (No)
- Utility Involvements: Utility coordination with owners

**Project responsibilities:**

- Design – City of Canton
- Right-of-way acquisition – City of Canton
- Relocation of utilities – Utility owners
- Letting to contract – City of Canton
- Supervision of construction – GDOT
- Providing material pits – Contractor
- Providing detours – Not required

### **Coordination**

- Initial concept meeting date: October 5, 2005
- Concept meeting date: October 5, 2005
- PAR meetings, dates, and results: None anticipated
- FEMA, USCG, and/or TVA: N/A
- Public involvement: Public involvement open house held at City of Canton on October 27, 2005
- Local government comments: N/A
- Other projects in the area:
  - Marietta Road Sidewalk Improvements, P. I. 0004495
  - Railroad Street Bike/Pedestrian Improvements, P.I. 0004470
  - Hickory Flat Highway Widening, P.I. 0002846
- Other coordination to date: None
- Railroads: N/A

### **Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: 6 Months
- Time to complete preliminary construction plans: 2 Months
- Time to complete right-of-way plans: 1 Month
- Time to complete the Section 404 Permit: 3 Months
- Time to complete final construction plans: 1 Month
- Time to complete purchase of right-of-way: 4 Months
- List other major items that would affect the project schedule: \_\_\_\_\_Months

### **Other Alternates Considered:**

- No build.

### **Comments:**

- None

### **Attachments:**

1. Cost estimates:
  - a. Construction, including E&C
  - b. Right-of-Way
  - c. Utilities
2. Sketch location map
3. Typical sections
4. Accident summaries
5. Capacity analysis
6. Initial Concept Team meeting minutes
7. LGPAs or PMAs
8. Location and design notice

**PRELIMINARY COST ESTIMATE**  
**Intersection Improvements**  
**Marietta Road and Hickory Flat Highway**

PREPARED BY: ARCADIS

PROJECT LENGTH: 0.24 MILE

ESTIMATED LETTING DATE: N/A

PROGRAMMING PROCESS  CONCEPT DEVELOPMENT  DURING PROJECT DEV.

<b>PROJECT COST – STP-0001-00(175)</b>	
<b>A. RIGHT-OF-WAY: CITY OF CANTON</b>	
1. PROPERTY (LAND & EASEMENT)	\$25,000
2. DISPLACEMENTS; RES:0, BUS:0, M.H.:0	\$0
3. OTHER COSTS (DAMAGES, ADM./COURT, INFL., ETC.)	\$0
<b>SUBTOTAL: A</b>	<b>\$25,000</b>
<b>B. UTILITIES:</b>	
1. REIMBURSABLE	\$0
2. NON-REIMBURSABLE	\$15,000
3. OTHER UTILITIES	\$0
<b>SUBTOTAL: B</b>	<b>\$15,000</b>
<b>C. CONSTRUCTION:</b>	
1. MAJOR STRUCTURES:	
A. NONE	\$0
<b>SUBTOTAL: C-1</b>	<b>\$0</b>
2. GRADING AND DRAINAGE:	
A. EARTHWORK – GRADING COMPLETE	\$40,000
B. DRAINAGE PIPE (1,000-FOOT VARIABLE SIZE @ \$40 AVERAGE)	\$40,000
C. CATCH BASIN, GP-1 (7 @ 1,500 EACH)	\$10,500
<b>SUBTOTAL: C-2</b>	<b>\$90,500</b>

3. BASE AND PAVING:	
A. PAVEMENT MILLING:	
1. MILL ASPH PAVEMENT, 2-INCH DEPTH (1,146 SY @ \$3/SY)	\$3,438
	SUBTOTAL: C-3.A
	\$3,348
B. PAVING:	
1. RECY. ASPH. CONC 12.5-MM SUPERPAVE (454 TONS @ \$40/TON)	\$18,160
2. RECY. ASPH. CONC. LEVELING, VAR. DEPTH (61 TONS @ \$60/TON)	\$3,660
3. 6-INCH GR AGGR BASE CRS (115 TONS @ \$15/TON)	\$1,725
4. BITUMEN TACK COAT (275 GAL @ \$1/GAL)	\$275
5. CLASS B CONC WIDENING (10 CY @ \$225/CY)	\$2,250
	SUBTOTAL: C-3.B
	\$26,070
	<b>SUBTOTAL: C-3</b>
	<b>\$29,418</b>
4. LUMP ITEMS:	
A. TRAFFIC CONTROL	\$5,000
B. CLEARING AND GRUBBING	\$0
C. EROSION CONTROL	\$16,000
D. GRASSING/SOD REPLACEMENT	\$2,000
	<b>SUBTOTAL: C-4</b>
	<b>\$23,000</b>
5. MISCELLANEOUS:	
A. SIGNING & MARKING	\$5,000
B. CONCRETE CURB AND GUTTER (1,250 LF @ \$12/FT)	\$15,000
C. CONCRETE SIDEWALK (764 SY @ \$22/SY)	\$16,808
D. DRIVEWAY CONCRETE - (67 SY @ \$25/SY)	\$1,675
E. GALVANIZED PIPE HANDRAIL (59 LF @ \$29/LF)	\$1,711
F. BRICK PAVERS - (278 SY @ \$35/SY)	\$9,730
G. VALLEY GUTTER - (68 SY @ \$30/SY)	\$2,040
	<b>SUBTOTAL: C-5</b>
	<b>\$51,964</b>

Project Concept Report Page 9  
 Project Number: STP-0006-00(719)  
 P. I. Number: 0006719  
 County: Cherokee

6. SPECIAL FEATURES:	
A. RETAINING WALL (10 CY @ \$300/CY)	\$3,000
B. TRAFFIC SIGNAL AT HICKORY FLAT ROAD (1 EA @ \$55,000)	\$55,000
C. DECORATIVE SIGNAL STRAIN POLES, TANDEM (2 EA @ \$30,000/EA)	\$60,000
D DECORATIVE PEDESTRIAN LIGHTING(10 EA @ \$8,000/EA)	\$80,000
E. LANDSCAPING	\$7,500
<b>SUBTOTAL: C-6</b>	<b>\$205,500</b>

<b>ESTIMATE SUMMARY</b>	
A. RIGHT-OF-WAY:	\$25,000
B. REIMBURSABLE UTILITIES:	\$15,000
C. CONSTRUCTION:	
1. MAJOR STRUCTURES	\$0
2. GRADING AND DRAINAGE	\$90,500
3. BASE AND PAVING	\$29,418
4. LUMP ITEMS	\$23,000
5. MISCELLANEOUS	\$51,964
6. SPECIAL FEATURES	\$205,500
SUBTOTAL CONSTRUCTION COST	\$400,382
E. & C. (10%)	\$40,039
<b>SUBTOTAL CONSTRUCTION COST</b>	<b>\$440,421</b>

### SCORING RESULTS AS PER TOPPS 2440-2

<b>Project Number: STP-0006-00(719)</b>		<b>County: Cherokee</b>		<b>PI No.: 6719</b>	
<b>Report Date:</b>		<b>Concept By:</b>			
		Consultant: ARCADIS			
<input checked="" type="checkbox"/> CONCEPT					
<b>Project Type:</b> Choose One From Each Column		<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Urban	<input type="checkbox"/> ATMS	
		<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Rural	<input type="checkbox"/> Bridge	
				<input type="checkbox"/> Building	
				<input type="checkbox"/> Interchange	
				<input type="checkbox"/> Intersection	
				<input type="checkbox"/> Interstate	
				<input type="checkbox"/> New Location	
				<input checked="" type="checkbox"/> Widening & Reconstruction	
				<input type="checkbox"/> Miscellaneous	
<b>FOCUS AREAS</b>	<b>SCORE</b>	<b>RESULTS</b>			
<b>Presentation</b>					
<b>Judgement</b>					
<b>Environmental</b>					
<b>Right of Way</b>					
<b>Utility</b>					
<b>Constructability</b>					
<b>Schedule</b>					



## Historical Accident Data Summary

INTERSECTION IMPROVEMENTS: MARIETTA RD @ HICKORY FLAT HWY  
GDOT PROJECT No. CM-0004-00(495), PI No. 0004495  
CHEROKEE COUNTY  
ARCADIS PROJECT No. 62842-17

Jun-05

### Intersection: Marietta Street at Hickory Flat Hwy - Compared to State Route with Other Route, Rural, Signalized

	2001 <sup>1</sup>	2002 <sup>2</sup>	2003 <sup>3</sup>
Accidents	4	5	3

#### Note:

Average Frequency for Intersection Accident Rates as per Georgia DOT is 6.03

2001<sup>1</sup> Accident Data is available only between January and November

2002<sup>2</sup> Accident Data is available only between January and August

2003<sup>3</sup> Accident Data is available only between January and October



ARCADIS G&M, Inc.  
2849 Paces Ferry Road  
Suite 400  
Atlanta  
Georgia 30339  
Tel 770 431 8666  
Fax 770 435 2666

## MEETING REPORT

Subject:

Initial Concept Team Meeting  
Marietta Road Sidewalk Improvements;  
CM-0004-00(495), PI 0004495  
Marietta Road at Hickory Flat Intersection  
Improvements; STP-0006-00(719), PI 0006719  
East Main Street Pedestrian Lighting;  
STP-0003-00(778), PI 0003778  
SR 5 Signal Improvements; CMQ-0006-00(791),  
PI 0006791

Department:

Transportation

ARCADIS Project Nos.:

62840-17, 62840-20, 62842-22

Place/Date of Meeting:

GDOT District 7, October 5, 2005

Report No.:

1

Minutes by:

Shamir Poudel

Issue Date:

October 14, 2005

Participants:

Melanie Whitt, City of Canton  
Dee Corson, GDOT District Traffic Operations  
Glen Warrick, GDOT Area Construction  
Jim Tolson, GDOT Office of Traffic Safety Design  
Stan Horton, GDOT District Utilities  
Andy Rikard, GDOT District Planning  
Kristina Nash, GDOT Office of Environmental Locations  
AJ Tiarsmith, GDOT Office of Environmental Locations  
Nancy Patrice, GDOT Office of Environmental Locations  
Keith Kunst, ARCADIS  
Xuewen Le, ARCADIS  
Shamir Poudel, ARCADIS

Copies:

Participants

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Keith Kunst of ARCADIS presented the four above-referenced projects. All four projects presented fall under the jurisdiction of the City of Canton in Cherokee County. The concept displays for all projects were presented and are attached to this meeting report. Following are key discussions and comments for all four projects.

## **SR 5 Business Traffic Signal and Median Improvements, CMQ-0006-00(791), PI 0006791**

### **Project Description**

The objective of this project is to install two new traffic signals and to upgrade two existing signals along SR 5 Business/Riverstone Parkway. The new signals will be installed at Hospital Drive and in front of the proposed YMCA location. Existing signals at Juniper Street and at Old Ballground Highway along Riverstone Parkway will be upgraded. These four signals, along with the existing signal at Waleska Street, will be connected to the existing fiber connect network that extends from Old Ballground Highway to the interstate. Fiber wires are expected to share the poles with existing utilities from Waleska Street to Juniper Street. Fiber wires will be placed underground between Juniper Street and Old Ballground Highway by replacing the existing damaged fiber wires at the same location. New pedestrian crosswalks and pedestrian controls will be installed at the new signal locations.

This project corridor has a history of left-turn accidents, including one pedestrian fatality in recent years. To address this, a raised median will be installed along Riverstone Parkway from Waleska Street to Old Ballground Highway to limit left-turn movements at the intersections. Left-turn movements will be provided only at signalized intersections where separate left-turn lanes are provided. Existing through lanes will be reduced to 11 feet to accommodate the raised median and left-turn lanes.

### **Key Issues Raised**

1. It was noted that a Public Information Meeting (PIM) will be required for this project due to the proposed installation of a raised median. It was agreed that one will be organized as soon as possible by the City of Canton.
2. It was noted that additional right-of-way may be required at the signalized intersections to install signal posts. It was also noted that required right-of-way needs to be certified and acquired by June 2006 to start construction of this project in fiscal year 2006.
3. ARCADIS agreed to submit the signal analysis and design to GDOT within two weeks for approval.
4. It was agreed that a design exception needs to be requested for this project because of the narrow (11-foot) through lanes.
5. ARCADIS informed the group that the archaeology report for this project has been approved. Ecology and historical property reports have already been submitted to GDOT OEL.
6. It was agreed that the project concept report will be submitted electronically to the GDOT main office for approval. A copy will be sent to the District 6 office for information.

## **East Main Street Pedestrian Lighting, STP-0003-00(778), PI 0003778**

### **Project Description**

The proposed improvement will be the installation of ornamental lights along East Main Street from Dupree Street to Brown Industrial Parkway and along Brown Industrial Parkway from East Main Street to the entrance of Sequoyah Regional Library. There is existing sidewalk along East Main Street; however, the use of this sidewalk is limited to daylight hours because of a lack of sufficient lighting. The goal of this project is

to encourage pedestrian movement along East Main Street between downtown Canton and the library by providing lighted sidewalks.

The proposed lights will be break-away type fixtures and will be installed outside of the existing sidewalk, ensuring that there is 5-foot-wide sidewalk wherever possible. At locations where lights cannot be installed next to the sidewalk (for example, because of the presence of a wall next to sidewalk), they will be installed in the sidewalk, ensuring that there is at least a 4-foot-wide sidewalk at all locations.

#### **Key Issues Raised**

1. It was noted that a PIM will not be required for this project.
2. It was agreed that the project concept report will be submitted electronically to the GDOT main office for approval. A copy will be sent to the District 6 office for information.
3. ARCADIS informed the group that the archaeology report has been approved for this project. Ecology and historical property reports have already been submitted to GDOT OEL.

#### **Marietta Road Sidewalk Improvements, CM-0004-00(495), PI 0004495**

##### **Project Description**

The proposed improvements will be along Marietta Road from Marietta Highway to Edwards Street and from Long View Street to East Marietta Street. The project will add urban shoulders with sidewalk, curb and gutter, curb ramps, and pedestrian lighting. Sidewalks will be on both sides of the road from Marietta Highway to Edwards Street. From Long View Street to East Marietta Street, sidewalks will be added along the east side only. Lighting will be located around commercial areas and will begin at Long View Street and end at East Marietta Street. Along with shoulder improvements, the current driveways will be updated in accordance with ADA and City of Canton guidelines. Drainage improvements will be accomplished for the length of the project by providing required curb and gutter and drainage structures. Asphalt leveling and resurfacing will be required to allow for a positive drainage profile in the gutter line.

The proposed typical section uses a 10-foot shoulder with a 2-foot curb and gutter, 2-foot grass strip where possible, 5-foot sidewalk, and 1-foot outside grass strip. Short gravity walls will be required to limit impacts to properties. In the commercial areas, the typical section will match the City of Canton Overlay Zone of Community Standards as much as possible. The typical section through this portion of Marietta Road will be a 14-foot shoulder including a 2-foot curb and gutter, 4-foot grass strip, and 6-foot sidewalk.

##### **Key Issues Raised**

1. The length of the project has been extended to East Marietta Street. This extension will connect the proposed sidewalk along Marietta Road to the existing sidewalk on East Marietta Street. Melanie Whitt noted that this extension has already been amended in the Transportation Improvement Plan (TIP).
2. There is an existing at-grade railroad crossing across Marietta Road. Andy Rikard pointed out that coordination with Georgia Northeastern Railroad needs to be initiated by the City of Canton to construct sidewalk across the railroad tracks.

3. It was noted that a PIM will be required for this project and may be combined with Project STP-0006-00(719).
4. It was noted that environmental documentation has been jointly completed for two projects along Marietta Road, CM-0004-00(495) and STP-0006-00(719), since both of these projects used to be a single project. It was agreed that single documentation will still be sufficient for these projects. ARCADIS informed the group that the archaeology report has been approved for these projects. Ecology and historical property reports have already been submitted to GDOT OEL.
5. ARCADIS informed the group that this project and Project STP-0006-00(719) will be let together for construction.
6. In terms of the number of parcels involved, significant right-of-way impacts are expected on this project. It was agreed that this project may have to be moved to fiscal year 2007 due to a lengthy right-of-way acquisition process.
7. It was agreed that the project concept report will be submitted electronically to the GDOT main office for approval. A copy will be sent to the District 6 office for information.

## **Marietta Road at Hickory Flat Intersection Improvements, STP-0006-00(719), PI 0006719**

### **Project Description**

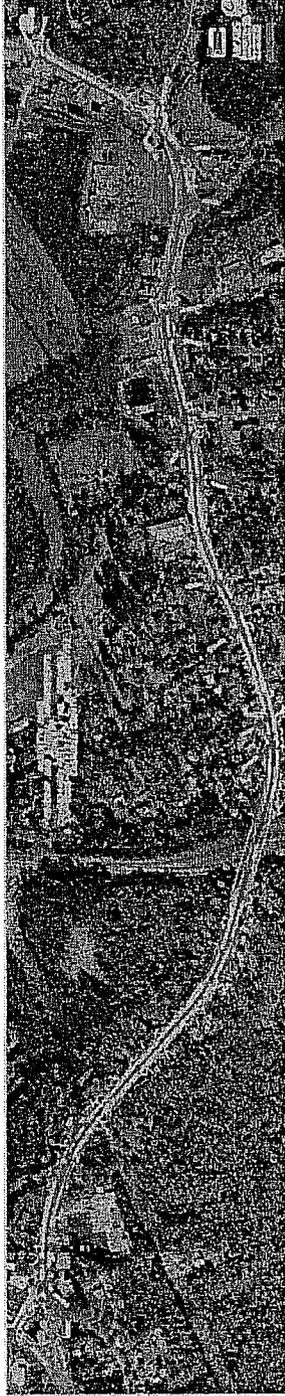
The proposed improvements will be along Marietta Road between Edwards Street and Long View Street. The project proposes to upgrade the existing traffic signal at the Marietta Road/Hickory Flat Road intersection. Ornamental mast arms will be used for the traffic signal. The storage capacity of the two existing left-turn lanes on Marietta Road at this intersection will be improved to provide extra storage space for the vehicles turning left onto Hickory Flat Road. The project will also add urban shoulders with sidewalk, curb and gutter, curb ramps, and pedestrian lighting along Marietta Road. Sidewalks will be on both sides of the road from the start of the project to Hickory Flat Highway. Sidewalks will be added along the east side only from Hickory Flat Highway to the end of the project at Long View Street. Lighting will be located around commercial areas and will begin at the start of the project and end at the Canton Creek Bridge. Along with shoulder improvements, the current driveways will be updated in accordance with ADA and City of Canton guidelines. Drainage improvements will be accomplished for the length of the project by providing required curb and gutter and drainage structures. Asphalt resurfacing will be required to allow for a positive drainage profile in the gutter line.

The proposed typical section uses a 10-foot shoulder with a 2-foot curb and gutter, 2-foot grass strip where possible, 5-foot sidewalk, and 1-foot outside grass strip. Short gravity walls will be required to limit impacts to properties. In the commercial areas, the typical section will match the City of Canton Overlay Zone of Community Standards as much as possible. The typical section through this portion of Marietta Road will be a 14-foot shoulder including a 2-foot curb and gutter, 4-foot grass strip, and 6-foot sidewalk.

### **Key Issues Raised**

1. Sidewalk on two sides of the road ends at the Hickory Flat Road intersection. Sidewalk continues on the east side of the road until East Marietta Street. It was noted that a sign will be installed in the vicinity of this intersection informing the user about the end of the sidewalk on the west side of the road.
2. It was noted that a PIM will be required for this project and will be held jointly with Project CM-0004-00(495).
3. As noted previously, environmental documentation has been jointly completed for two projects along Marietta Road, CM-0004-00(495) and STP-0006-00(719), since both of these projects used to be a single project. It was agreed that single documentation will still be sufficient for these projects. ARCADIS informed the group that the archaeology report has been approved for these projects. Ecology and historical property reports have already been submitted to GDOT OEL.
4. ARCADIS informed the group that this project and Project STP-0006-00(719) will be let together for construction.
5. In terms of the number of parcels involved, significant right-of-way impacts are expected on the CM-0004-00(495) project. It was agreed that this project may have to be moved to fiscal year 2007 due to a lengthy right-of-way acquisition process.
6. It was agreed that the project concept report will be submitted electronically to the GDOT main office for approval. A copy will be sent to the District 6 office for information.

ARCADIS



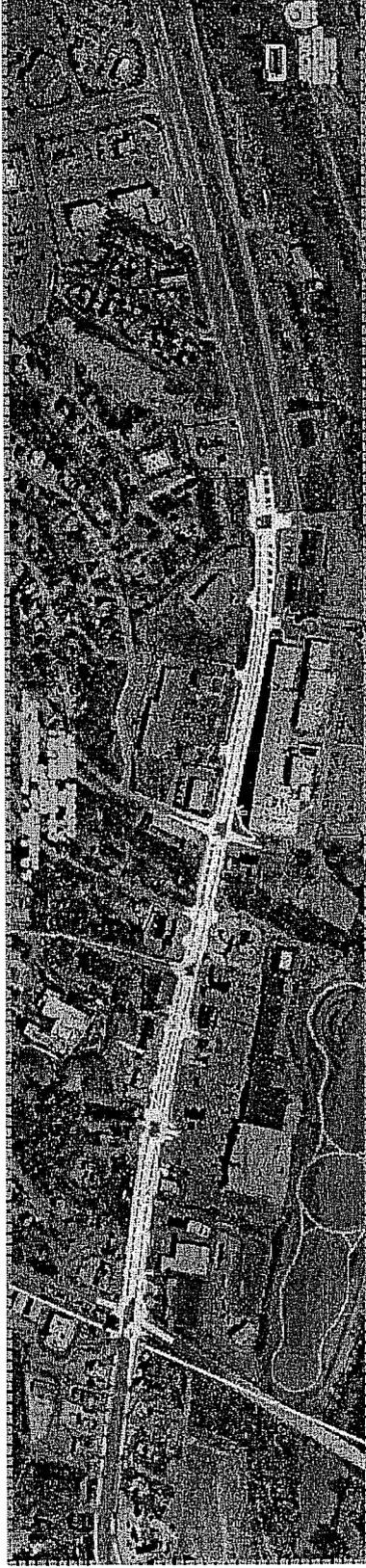
Marietta Road Sidewalk Improvements; CMI-0004-00(495) and Marietta Road at Hickory Flat Intersection Improvements; STP-0006-00(719)

ARCADIS



East Main Street Pedestrian Lighting; STP-0003-00(776)

ARCADIS



SR 5 Signal Improvements; CMQ-0006-00(791)



# Department of Transportation

HAROLD E. LINNENKOHL  
COMMISSIONER  
(404) 656-5206

DAVID E. STUDSTILL, JR., P.E.  
CHIEF ENGINEER  
(404) 656-5277

*State of Georgia*  
*#2 Capitol Square, S.W.*  
*Atlanta, Georgia 30334-1002*

July 20, 2005

LARRY E. DENT  
DEPUTY COMMISSIONER  
(404) 656-5212

EARL L. MAHFUZ  
TREASURER  
(404) 656-5224

The Honorable Cecil Pruett, Mayor  
City of Canton  
687 Marietta Highway  
Canton, Georgia 30114

Dear Mayor Pruett:

I am returning for your files an ~~executed agreement~~ between the Georgia Department of Transportation and Cherokee County for the following projects:

**PROJECT#: CSSSTP-0006-00(719) Cherokee County, P.I.#:0006719**

We look forward to working with you on the successful completion of the joint project. Should you have any questions, please contact Dewayne Comer at (770)387-3619

Sincerely,

A handwritten signature in cursive script that reads "James T. Simpson".

James T. Simpson,  
Financial Management Administrator

JTS:as

Enclosure

c: Bob Rogers  
Kent Sager, -- District 6  
Jeff Baker -- Utilities

**AGREEMENT**  
**BETWEEN**  
**DEPARTMENT OF TRANSPORTATION**  
**STATE OF GEORGIA**  
**AND**  
**THE CITY OF CANTON, GEORGIA**  
**FOR**  
**TRANSPORTATION FACILITY IMPROVEMENTS**

This AGREEMENT is made and entered into this 30<sup>th</sup> day of June, 2005, by and between the DEPARTMENT OF TRANSPORTATION, an agency of the State of Georgia, hereinafter called the "DEPARTMENT," and the CITY OF CANTON, acting by and through its Mayor and City Council, hereinafter called the "SPONSOR".

WHEREAS, the SPONSOR has represented to the DEPARTMENT a desire to improve the transportation facilities described in **Exhibit A**, attached and incorporated herein by reference and hereinafter referred to as the "PROJECT"; and

WHEREAS, the SPONSOR has represented to the DEPARTMENT a desire to participate in certain activities of the PROJECT as set forth in this AGREEMENT, and the DEPARTMENT has relied upon such representations; and

WHEREAS, the DEPARTMENT has expressed a willingness to participate in certain activities of the PROJECT as set forth in this AGREEMENT.

NOW THEREFORE, in consideration of the mutual promises made and of the benefits to flow from one to the other, the DEPARTMENT and the SPONSOR hereby agree each with the other as follows:

1. The SPONSOR shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for the preconstruction engineering (design) activities as per Exhibit "A", utility relocations, right of way acquisitions as per a future Right of Way Agreement and construction as per a future Construction Agreement. Expenditures incurred by the SPONSOR and eligible for reimbursement by the DEPARTMENT shall not be considered reimbursible to the SPONSOR until execution of this agreement and written notice to proceed for each phase.

2. The DEPARTMENT shall contribute to the PROJECT by funding all or certain portions of the PROJECT costs for the preconstruction engineering (design) activities, right of way acquisitions, and construction activities as per Exhibit "A".

3. The SPONSOR shall be responsible for all costs for the continual maintenance and the continual operations of any and all sidewalks and the grass strip between the curb and gutter and the sidewalk within the PROJECT limits.

4. The SPONSOR shall certify that the provisions of Section 36-81-7 of the Official Code of Georgia Annotated, relating to the "Requirements of Audits" are complied with in full.

5. When applicable, engineering invoicing can only be submitted following submittal and acceptance of project milestones. Project milestones are defined as approval of the Concept Report, Completion and verification of the Database Preparation, approval of the Environmental Document, submittal of Preliminary Plans for PFPR, approval of Right of Way plans, and submittal of Final Plans for letting.

6. The SPONSOR shall accomplish all of the design activities for the PROJECT. The design activities shall be accomplished in accordance with the DEPARTMENT's Plan Development Process, the applicable guidelines of the American Association of State Highway and Transportation Officials, hereinafter referred to as "AASHTO", the DEPARTMENT's Standard Specifications Construction of Transportation Systems, the DEPARTMENT's Plan Presentation Guide, PROJECT schedules, and applicable guidelines of the DEPARTMENT. The SPONSOR's responsibility for design shall include, but is not limited to the following items:

a. Prepare the PROJECT concept report in accordance with the format used by the DEPARTMENT. The concept for the PROJECT shall be developed to accommodate the future traffic volumes as generated by the SPONSOR as provided for in paragraph 7b and approved by the DEPARTMENT. The concept report shall be approved by the DEPARTMENT prior to the SPONSOR beginning further development of the PROJECT plans. It is recognized by the parties that the approved concept may be modified by the SPONSOR as required by the DEPARTMENT and reapproved by the DEPARTMENT during the course of design due to public input, environmental requirements, or right of way considerations.

b. Develop the PROJECT's base year (year facility is expected to be open to traffic) and design year (base year plus 20 years) traffic volumes. This shall include average daily traffic (ADT) and morning (am) and evening (pm) peak hour volumes. The traffic shall show all through and turning movement volumes at intersections for the ADT and peak hour volumes and shall indicate the percentage of trucks expected on the facility.

c. Validate (check and update) the approved PROJECT concept and prepare a PROJECT Design Book for approval by the DEPARTMENT prior to the beginning of preliminary plans.

d. Prepare environmental studies, documentation, and reports for the PROJECT that show the PROJECT is in compliance with the provisions of the National Environmental Protection Act and Georgia Environmental Protection Act, as appropriate to the PROJECT funding. This shall include any and all archaeological, historical, ecological, air, noise, underground storage tanks (UST), and hazardous waste site studies required as well as any environmental reevaluations required. The SPONSOR shall submit to the DEPARTMENT all environmental documents and reports for review and approval by the DEPARTMENT and the FHWA.

e. Prepare all public hearing and public information displays and conduct all required public hearings and public information meetings in accordance with DEPARTMENT practice.

f. Perform all surveys, mapping, soil investigation studies and pavement evaluations needed for design of the PROJECT.

g. Perform all work required to obtain project permits, including, but not limited to, US Army Corps of Engineers 404 and Federal Emergency

Management Agency (FEMA) approvals. These efforts shall be coordinated with the DEPARTMENT.

h. Prepare the PROJECT's drainage design including erosion control plans and the development of the hydraulic studies for the Federal Emergency Management Agency Floodways and acquisition of all necessary permits associated with the drainage design.

i. Prepare traffic studies, preliminary construction plans including a cost estimate for the Preliminary Field Plan Review, preliminary and final utility plans, preliminary and final right of way plans, staking of the required right of way, and final construction plans including a cost estimate for the Final Field Plan Review, erosion control plans, lighting plans, traffic handling plans, and construction sequence plans and specifications including special provisions for the PROJECT.

j. Provide certification, by a Georgia Registered Professional Engineer, that the construction plans have been prepared under the guidance of the professional engineer and are in accordance with AASHTO and DEPARTMENT guidelines.

k. Failure of the SPONSOR to follow the DEPARTMENT's Plan Development Process will jeopardize the use of Federal funds in some or all of the categories outlined in this AGREEMENT, and it shall be the responsibility of the SPONSOR to make up the loss of that funding.

7. All Consultant firms hired by the SPONSOR to provide services on the PROJECT shall be prequalified with the DEPARTMENT in the appropriate area-classes. The DEPARTMENT shall, on request, furnish the SPONSOR with a list of prequalified consultant firms in the appropriate area-classes.

8. The PROJECT construction and right of way plans shall be prepared in English units.

9. All drafting and design work performed on the project shall be done utilizing Microstation and CAiCE software respectively, and shall be organized as per the Department's guidelines on electronic file management.

10. The DEPARTMENT shall review and has approval authority for all aspects of the PROJECT provided however this review and approval does not relieve the SPONSOR of its responsibilities under the terms of this agreement. The DEPARTMENT will work with the FHWA to obtain all needed approvals with information furnished by the SPONSOR.

11. The SPONSOR shall be responsible for the design of all bridge(s) and preparation of any required hydraulic and hydrological studies within the limits of this PROJECT in accordance with the DEPARTMENT's policies and guidelines. The SPONSOR shall perform all necessary survey efforts in order to complete the design of the bridge(s) and prepare any required hydraulic and hydrological studies. The final bridge plans shall be incorporated into this PROJECT as a part of this AGREEMENT.

12. The SPONSOR shall follow the DEPARTMENT's procedures for identification of existing and proposed utility facilities on the PROJECT. These procedures, in part, require all requests for existing, proposed, or relocated facilities to flow through the DEPARTMENT's Project Liaison and the District Utilities Engineer.

13. The SPONSOR shall address all railroad concerns, comments, and requirements to the satisfaction of the DEPARTMENT.

14. Upon the SPONSOR's determination of the rights of way required for the PROJECT and the approval of the right of way plans by the DEPARTMENT, the necessary rights of way for the PROJECT shall be acquired by the SPONSOR. Right of way acquisition shall be in accordance with the law and the rules and regulations of the FHWA including, but not limited to, Title 23, United States Code; 23 CFR 710, et. seq., and 49 CFR Part 24, and the rules and regulations of the DEPARTMENT and in accordance with the Contract for the Acquisition of Right of Way to be prepared by the DEPARTMENT and executed between the SPONSOR and the DEPARTMENT prior to the commencement of any right of way activities. Failure of the SPONSOR to follow these requirements may result in the loss of Federal funding for the PROJECT and it will be the responsibility of the SPONSOR to make up the loss of that funding. All required right of way shall be obtained and cleared of obstructions, including underground storage tanks, prior to advertising the PROJECT for bids. The SPONSOR shall further be responsible for making all changes to the approved right of way plans, as deemed necessary by the DEPARTMENT, for whatever reason, as needed to purchase the right of way or to match actual conditions encountered.

15. Upon completion and approval of the PROJECT plans, certification that all needed rights of way have been obtained and cleared of obstructions, and certification that all needed permits for the PROJECT have been obtained by the SPONSOR; the PROJECT shall be let for construction by the **CITY OF CANTON**. The **CITY OF CANTON** shall be solely responsible for securing and awarding the construction contract for the PROJECT.

16. The SPONSOR shall review and make recommendations concerning all shop drawings prior to submission to the DEPARTMENT. The DEPARTMENT shall have final authority concerning all shop drawings.

17. The SPONSOR agrees that all reports, plans, drawings, studies, specifications, estimates, maps, computations, computer diskettes, printouts, and any other data prepared under the terms of this AGREEMENT shall become the property of the DEPARTMENT if required. This data shall be organized, indexed, bound, and delivered to the DEPARTMENT no later than the advertisement of the PROJECT for letting. The DEPARTMENT shall have the right to use this material without restriction or limitation and without compensation to the SPONSOR.

18. The SPONSOR shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by or on behalf of the SPONSOR pursuant to this AGREEMENT. The SPONSOR shall correct or revise, or cause to be corrected or revised, any errors or deficiencies in the designs, drawings, specifications, and other services furnished for

IN WITNESS WHEREOF, the DEPARTMENT and the SPONSOR have caused these presents to be executed under seal by their duly authorized representatives.

RECOMMENDED:

SPONSOR

[Signature]  
District Engineer

BY: [Signature]  
Cecil Pruett  
Mayor  
City of Canton, Georgia

[Signature]  
Director of Preconstruction

Signed, sealed and delivered this 25<sup>th</sup> day of April, 2005, in the presence of:

[Signature]  
Chief Engineer

[Signature]  
Witness

DEPARTMENT OF TRANSPORTATION

BY: [Signature]  
Commissioner

[Signature]  
Notary Public  
MY COMMISSION EXPIRES MAY 1, 2005

ATTEST:

[Signature]  
Treasurer

This Agreement approved at a City Council Meeting held on the 21<sup>st</sup> day of April, 2005.

[Signature]  
City Clerk

REVIEWED AS TO LEGAL FORM:

[Signature] 6.13.05  
Office of Legal Services

PRE-AWARD EXAMINATION  
() No Pre-Award Examination Performed  
( ) No Audit Findings Reported  
By: [Signature]  
Date: 6-13-05

**EXHIBIT "A"**  
**City of Canton**

Project (P.I.#, Proj #, Desc.)	Type	Prelim. Eng		R/W		Construction		Utility Relocations	
		Funding	Responsibility	Funding	Responsibility	Funding	Responsibility	Funding	Responsibility
CSSSTP-0006-00 (719) P.I. #0006719 CS 678/Marietta Road at CS 681/Hickory Flat Road	Intersection Improvement	100% CITY	CITY	100% CITY	CITY	80% GDOT/FED 20% CITY Cost Estimate = \$340,000*	GDOT	100% CITY	

\* These estimates are preliminary and are subject to change.

## **NOTICE OF LOCATION AND DESIGN APPROVAL**

**STP-0006-00(719), CHEROKEE COUNTY**

**P. I. Number: 0006719**

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

The date of Location Design Approval is: **DECEMBER 19, 2005**

Intersection Improvements at Marietta Road and Hickory Flat Highway project, STP-0006-00(719), proposes to provide signal improvements at the Marietta Road/ Hickory Flat Highway intersection. Storage capacity of the existing left turn lane on Marietta Road at this intersection will be improved as much as possible to provide extra storage space for the vehicles turning left onto Hickory Flat Highway. In addition, this project will install urban shoulder with curb and gutter, sidewalks, curb ramps, improved driveways in accordance with American Disabilities Act (ADA) and City of Canton guidelines, and pedestrian lighting in order to create a safe pedestrian corridor. This project ties with the another project, CM-0004-00(495), that extends along Marietta Road from Marietta Highway to Edwards Street and from Longview Street to East Marietta Street. This project is located in the City of Canton's Livable Center Initiative (LCI) study area and would create connectivity with the City's sidewalk network.

Conceptual layout of the proposed project as approved is on file and is available for public inspection at the Georgia Department of Transportation:

**Mike Thompson, Area Engineer  
Georgia Department of Transportation  
874 Peoples Valley Road, N.W.  
Cartersville, Georgia, 30120  
Telephone: (770)-387-3680**

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