

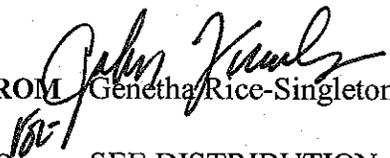
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

**FILE** P.I. No. 0009328, Walker County  
CSSTP-0009-00(328)  
Chickamauga City Schools Sidewalks

**OFFICE:** Program Control

**DATE:** October 29, 2009

**FROM**  Genetha Rice-Singleton, Program Control Administrator

**TO**  SEE DISTRIBUTION

**SUBJECT APPROVED PROJECT CONCEPT REPORT**

Attached for your files is the approval for subject project.

Attachment

**DISTRIBUTION:**

Ron Wishon  
Glenn Bowman  
Ken Thompson  
Michael Henry  
Keith Golden  
Paul Liles  
Kent Sager  
Dewayne Comer  
David Moore  
BOARD MEMBER

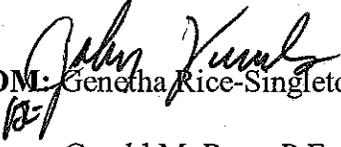
**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**

**FILE:** P.I. No. 0009328, Walker County  
CSSTP-0009-00(328)  
Chickamauga City Schools Sidewalks

**OFFICE:** Program Control

**DATE:** October 15, 2009

**FROM:**  Genetha Rice-Singleton, Program Control Administrator

**TO:** Gerald M. Ross, P.E., Chief Engineer

**SUBJECT: PROJECT CONCEPT REPORT**

This project consists of constructing sidewalks along streets used by students attending Chickamauga Elementary, Gordon Lee Elementary, and Gordon Lee High School. Chickamauga does not offer bus service for any of the students attending city schools. There are no existing sidewalks on any of the streets included in the scope of this project. The purpose of this project is to provide safe and efficient corridors for students and other pedestrians.

The project proposes to construct approximately 17,500 linear feet of 5' concrete sidewalk in the city of Chickamauga. Sidewalks will be added on one side of the following streets: Pearl Street, W. 6<sup>th</sup> Street, Cove Road (SR 341), Crescent Avenue, English Avenue, Glass Mill Road, Euclid Avenue, Lee street, W. 10<sup>th</sup> street, Hood Avenue, Gordon Avenue, Thomas Avenue and West 14<sup>th</sup> Street. No additional right-of-way is required to implement this project. All curb cuts will be made ADA accessible with wheelchair ramps and detectable warning surfaces.

Environmental concerns include requiring a Categorical Exclusion is anticipated; 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)	\$1,102,000	\$1,100,000	C230	2010
Right-of-way & Utilities*	Local	Local		

\*Notification letter sent to Chickamauga and Walker on 7-29-2009.

P.I. No. 0009328, Walker County

Page 2

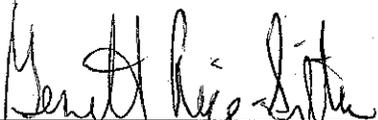
October 15, 2009

I recommend this project concept be approved.

GRS: JDQ

Attachment

CONCUR



---

Program Control Administrator

APPROVED



---

Gerald M. Ross, P.E., Chief Engineer



# Concept Report

## DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Office

### PROJECT CONCEPT REPORT

Project Number: CSSTP00900328

County: Walker

P. I. Number: 0009328

Federal Route Number:

State Route Number: 341

Chickamauga City Schools Sidewalk Project

Recommendation for approval:

DATE 8-27-09

DATE 8/31/09

*Curtis J. Comer*

Project Manager

*Thaddeus*  
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/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

State Transportation Planning Administrator

DATE \_\_\_\_\_

State Transportation Financial Management Administrator

DATE \_\_\_\_\_

State Environment/Location Engineer

DATE 9.8.09

*Heidi*  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

Project Review Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENT CORRESPONDENCE**

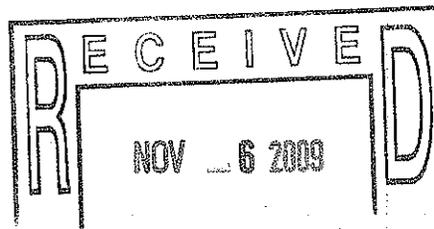
**FILE:** P.I. No. 0009328 **OFFICE:** Environment/Location  
**COUNTY:** WALKER **DATE:** November 5, 2009  
**FROM:**   
Glenn Bowman, P.E., State Environmental/Location Engineer  
**TO:** Genetha-Rice Singleton, State Transportation Planning Administrator  
**SUBJECT:** **PROJECT CONCEPT REPORT**  
**Chickamauga City Schools Sidewalk Project**

The above subject Concept Report has been reviewed and appears satisfactory subject to the following comments:

1. Please state who is responsible for the environmental work in the Project Responsibilities section.
2. Please check the level of environmental document anticipated (it should be a CE).
3. Please mark "none" for public involvement since inviting the local officials to the concept meeting does not constitute public involvement.
4. A Programmatic Categorical Exclusion is underway. Currently, a No Adverse Effect finding has been made for two (2) historic districts and one (1) individual historic property. If the project changes, the Section 106 consultation for history may have to be reopened.
5. Three (3) National Register eligible historic properties (Chickamauga & Crystal Springs Historic Districts and Scolfield Property) are located in the project's APE. If significant impacts to historic 4(f) resources cannot be avoided, then the proposed environmental schedule must be revised significantly.

If you have any questions, please contact Glenn Bowman at (404) 631-1101.

GB/lc



# Concept Report

## DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

*Office*

### PROJECT CONCEPT REPORT

Project Number: CSSTP00900328

County: Walker

P. I. Number: 0009328

Federal Route Number:

State Route Number: 341

Chickamauga City Schools Sidewalk Project

Recommendation for approval:

DATE 10-5-09

DATE 10/5/09

*Carroll D. Connor*

Project Manager

*Phillip J. ...*

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/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE 11/5/09

*Blair ...*  
State Environment/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

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

October 31, 2000, rev. June 2006

State of Georgia  
Department Of Transportation

Project Number: CSSTP00900328  
P. I. Number: 0009328  
County: Walker

**Attachment 6**

**NOTICE OF LOCATION AND DESIGN APPROVAL**

Project Number: CSSTP00900328  
Walker County  
P. I. Number: 0009328

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 this project.

The date of location approval is OCTOBER 29, 2009

This project consists of construction of approximately 17,500 linear feet of 5-foot concrete sidewalks in Chickamauga, Georgia. There are no existing sidewalks on any of the streets included in the scope of this project. The specific roadways in need of sidewalks are E. Memorial Drive from W. 6<sup>th</sup> Street north to State Highway 341 (Mile Post 10.2), W. 6<sup>th</sup> Street from Gordon Avenue east to E. Memorial Drive, Pearl Street from Gordon Avenue north to W. 6<sup>th</sup> Street, State Highway 341 from Glass Mill Road (Mile Post 9.3) north to Mile Post 9.5, W. 14<sup>th</sup> Street from Glass Mill Road east 364 feet, W. 12<sup>th</sup> Street from the Hidden Hills Subdivision east to Crescent Avenue, Crescent Avenue from W. 12<sup>th</sup> Street south to State Highway 341, English Avenue from W. 12<sup>th</sup> Street south to State Highway 341, Glass Mill Road from State Highway 341 south to Glass Mill Pointe, Euclid Avenue and Lee Street from E. 14<sup>th</sup> Street north 767 feet, E. 10<sup>th</sup> Street from existing sidewalk east to W. 10<sup>th</sup> Street, Hood Avenue from E. 10<sup>th</sup> Street north to W. 8<sup>th</sup> Street, Gordon Street from Paris Street east to Crescent Avenue, and Thomas Avenue from Simonton Drive north to Terri Lane. The entirety of this project will be constructed within public right-of-way. No additional right-of-way will need to be purchased. The sidewalk along Cove Road (State Highway 341) will be located in State right-of-way. No crossings of any streams are required for this project. Termini for sidewalks were established to correspond to roadway intersections.

The project is located 100% in Walker County. The project is located 100% in Congressional District 9, and in Georgia Militia District 1818. Project is located 100% in City or State right-of-way.

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

Ms. Devon Brooks, Area Engineer  
Georgia Department of Transportation  
1313 N. Tibbs Road, Dalton, GA 30720  
E-mail: [dbrooks@dot.ga.gov](mailto:dbrooks@dot.ga.gov) Phone 706/272-2211

# City of Chickamauga

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## Chickamauga City Schools Sidewalk Project ARRA Stimulus Package

### Project Concept Report



CTI Engineers, Inc.  
1122 Riverfront Parkway  
Chattanooga, TN 37402  
423.267.7613

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**CHICKAMAUGA CITY SCHOOLS  
SIDEWALK PROJECT  
ARRA STIMULUS PACKAGE**

**PROJECT CONCEPT REPORT**

**City of Chickamauga, Georgia**

Prepared by:

CTI ENGINEERS, INC.  
Dalton, Georgia  
CTI Project No. G09003

October 2009

# Concept Report

## DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

Office

### PROJECT CONCEPT REPORT

Project Number: CSSTP00900328

County: Walker

P. I. Number: 0009328

Federal Route Number:

State Route Number: 341

Chickamauga City Schools Sidewalk Project

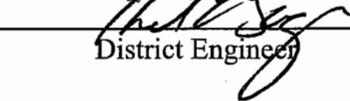
Recommendation for approval:

DATE 10-5-09

DATE 10/5/09



Project Manager



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/or the State Transportation Improvement Program (STIP).

DATE \_\_\_\_\_

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

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

Project Concept Report page 2  
Project Number: CSSTP00900328  
P. I. Number: 0009328  
County: Walker

**Need and Purpose:**

This project consists of constructing sidewalks along streets used by students attending Chickamauga Elementary, Gordon Lee Middle, and Gordon Lee High Schools. Chickamauga does not offer bus service for any of the students attending City schools. Therefore, a large percentage of students walk to and from school. There are no existing sidewalks on any of the streets included in the scope of this project. Currently students walking to and from school walk in the streets. The purpose of this project is to provide safe and efficient corridors of traffic for students and other pedestrians. Without these upgrades, pedestrian safety is at risk. Due to the large traffic volume during drop-off and pick-up times, there have been 18 accidents in the last three years around the schools. The additional sidewalks will relieve traffic congestion by providing alternative transportation methods.

**Description of the proposed project:**

This project consists of constructing approximately 17,500 linear feet of concrete sidewalk in the City of Chickamauga, GA. There are no existing sidewalks on any of the streets included in the scope of this project. The specific roadways in need of sidewalks are Pearl Street, W. 6<sup>th</sup> Street, Cove Road (State Highway 341), 12<sup>th</sup> Street, Crescent Avenue, English Avenue, Glass Mill Road, Euclid Avenue, Lee Street, W. 10<sup>th</sup> Street, Hood Avenue, Gordon Avenue, Thomas Avenue, and West 14<sup>th</sup> Street. The entirety of this project will be constructed within public right-of-way. No additional right-of-way will need to be purchased. The sidewalk along Cove Road (State Highway 341) will be located in State right-of-way. No crossings of any streams are required for this project. Termini for sidewalks were established to correspond to roadway intersections.

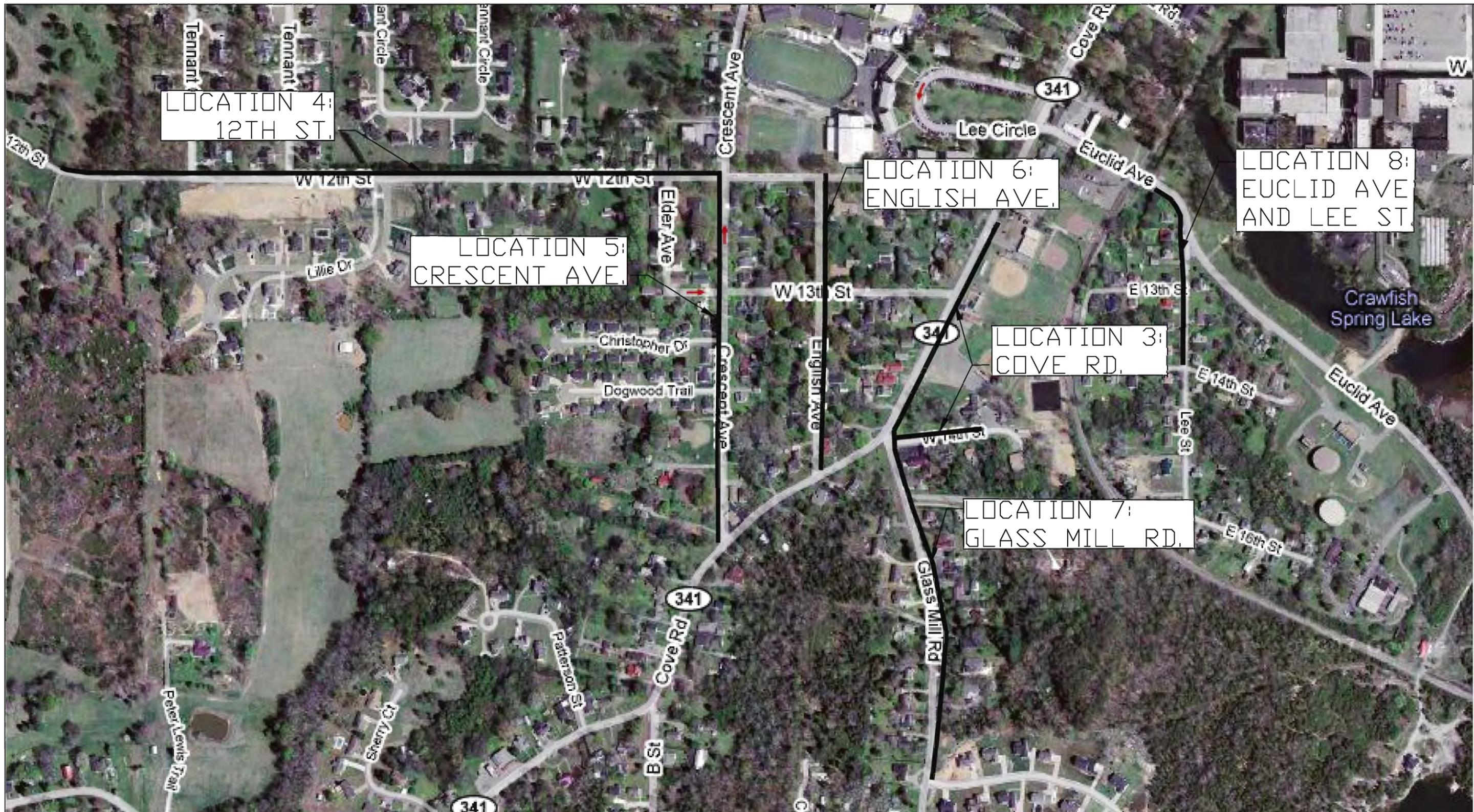
**Is the project located in a Non-attainment area?**  Yes  No.

**PDP Classification:** Major  Minor

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

**Functional Classification:** All roads are FC 19/Urban Local except for Cove Road, W. 10<sup>th</sup> Street, and Gordon Street which are FC 16/Urban Minor Arterial.

**U. S. Route Number(s):** None **State Route Number(s):** 341



LOCATION 4:  
12TH ST.

LOCATION 5:  
CRESCENT AVE.

LOCATION 6:  
ENGLISH AVE.

LOCATION 3:  
COVE RD.

LOCATION 7:  
GLASS MILL RD.

LOCATION 8:  
EUCLID AVE  
AND LEE ST.

NOT TO SCALE  
SOURCE: GOOGLE MAPS

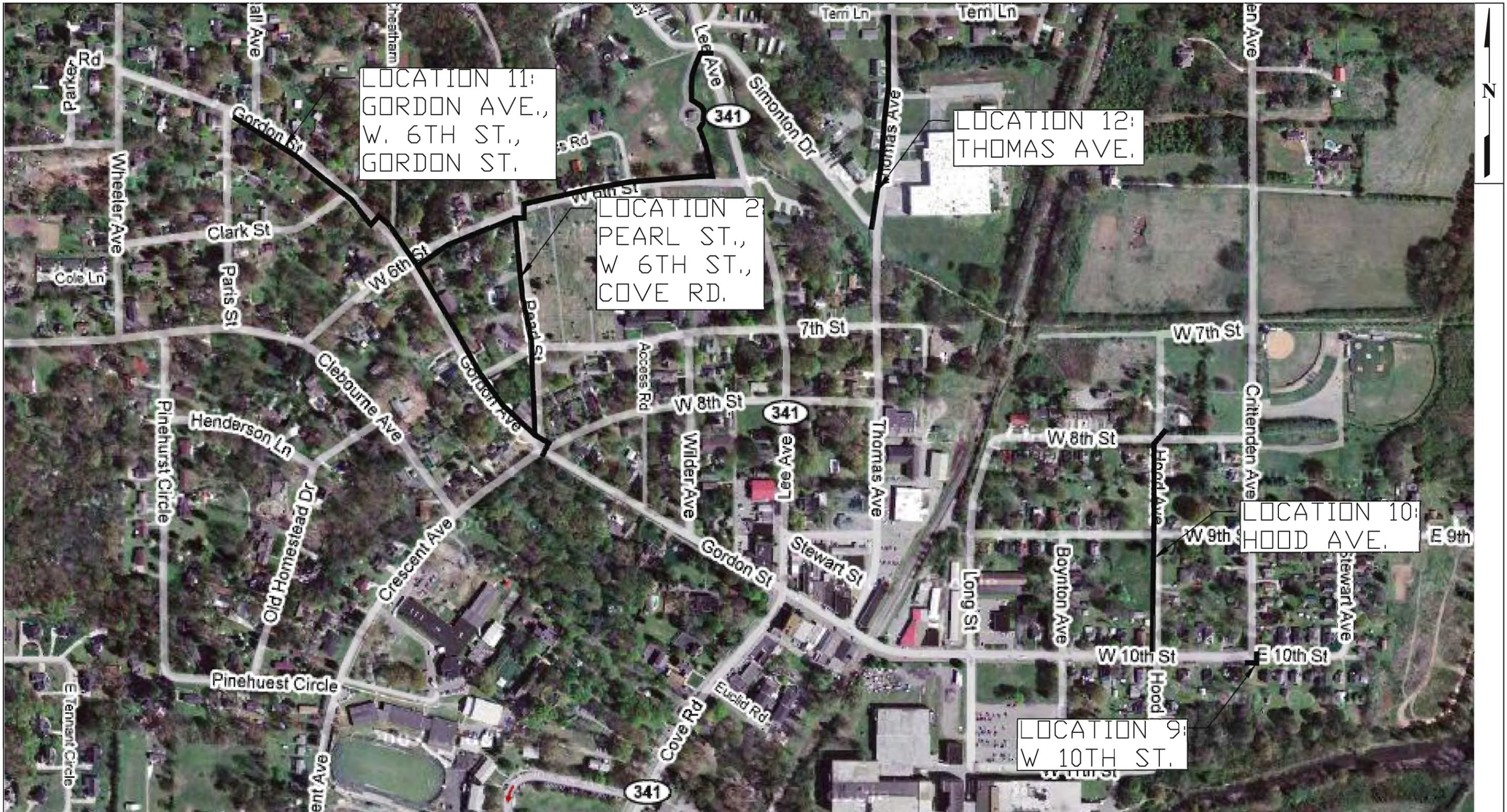
CHICKAMAUGA SIDEWALK PROJECTS

**PROPOSED SIDEWALK ROUTES  
AND SIDEWALK  
PROBLEM AREAS**



CITY OF CHICKAMAUGA

G09003



LOCATION 11:  
GORDON AVE.,  
W. 6TH ST.,  
GORDON ST.

LOCATION 2:  
PEARL ST.,  
W 6TH ST.,  
COVE RD.

LOCATION 12:  
THOMAS AVE.

LOCATION 10:  
HOOD AVE.

LOCATION 9:  
W 10TH ST.

NOT TO SCALE  
SOURCE: GOOGLE MAPS

CHICKAMAUGA SIDEWALK PROJECTS  
**PROPOSED SIDEWALK ROUTES  
AND SIDEWALK  
PROBLEM AREAS**



CITY OF CHICKAMAUGA G09003

Project Concept Report page 3  
Project Number: CSSTP00900328  
P. I. Number: 0009328  
County: Walker

**Traffic (AADT)\*:**

Year: (2007)

East Memorial Drive	<u>1,400</u>	English Avenue	<u>1,400</u>
W. 6 <sup>th</sup> Street	<u>1,400</u>	Glass Mill Road	<u>1,400</u>
Pearl Avenue	<u>1,400</u>	Euclid Avenue	<u>1,400</u>
GA Highway 341		Lee Street	<u>1,400</u>
(Cove Road) at Memorial	<u>1,210</u>	W. 10 <sup>th</sup> Street	<u>4,720</u>
(Cove Road) at ballfields	<u>1,210</u>	Hood Avenue	<u>1,400</u>
W. 14 <sup>th</sup> Street	<u>1,400</u>	Gordon Avenue	<u>1,400</u>
W. 12 <sup>th</sup> Street	<u>1,400</u>	Thomas Avenue	<u>1,400</u>
Crescent Avenue	<u>1,400</u>		

\*Traffic counts per GDOT website

**Existing design features:**

- Typical Section: All roads are two lane and have no turn lanes, curb and gutter, or sidewalks. Lane widths vary between 9 and 12 feet.
- Posted speed 15-45 mph Minimum radius for curve: 145 for 25 mph; 345 for 35 mph; 665 for 45 mph

East Memorial Drive	<u>15</u> mph
School Campus	<u>5</u> mph
W. 6 <sup>th</sup> Street	<u>25</u> mph
Pearl Avenue	<u>25</u> mph
GA Highway 341	
(Cove Road) at Memorial	<u>45</u> mph
(Cove Road) at ballfields	<u>35</u> mph
W. 14 <sup>th</sup> Street	<u>25</u> mph
W. 12 <sup>th</sup> Street	<u>25</u> mph
Crescent Avenue	<u>25</u> mph
English Avenue	<u>25</u> mph
Glass Mill Road	<u>25</u> mph
Euclid Avenue	<u>35</u> mph
Lee Street	<u>25</u> mph
W. 10 <sup>th</sup> Street	<u>35</u> mph
Hood Avenue	<u>25</u> mph
Gordon Avenue	<u>25</u> mph
Thomas Avenue	<u>25</u> mph

- Maximum super-elevation rate for curve: 4%
- Maximum grade: 15 % (List mainline, cross roads, and driveways)
- Width of right-of-way: Varies from 40 to 65 ft.
- Major structures: None (List all bridge structures including length, width, and sufficient rating).

Project Concept Report page 4  
Project Number: CSSTP00900328  
P. I. Number: 0009328  
County: Walker

- Major interchanges or intersections along the project: None
- Existing length of roadway segment and the beginning mile logs for each county segment. For new location projects, the existing length of roadway is zero (0).

Location 2:	2,640	GA Highway 341, Mile 10.2, to West 6 <sup>th</sup> Street to Pearl Avenue to Gordon Avenue
3:	2,300	GA Highway 341 at Ballfields to Glass Mill Road and West 14 <sup>th</sup> Street. Mile 9.5 to 9.3.
4:	2,693	West 12 <sup>th</sup> Street from Crescent Avenue to Hidden Hills Subdivision
5:	1,478	Crescent Avenue from West 12 <sup>th</sup> Street to GA Highway 341
6:	1,214	English Avenue from West 12 <sup>th</sup> Street to GA Highway 341
7:	1,426	Glass Mill Road from Subdivision to GA Highway 341
8:	250	Euclid Avenue from Lee Street to railroad tracks
8A:	550	Lee Street from East 14 <sup>th</sup> Street to Euclid Avenue
9:	100	West 10 <sup>th</sup> Street to Crittenden Avenue
10:	950	Hood Avenue from West 8 <sup>th</sup> Street to West 10 <sup>th</sup> Street
11:	2,980	Gordon Avenue from Pearl Avenue to Paris Street and West 6 <sup>th</sup> Street
12:	900	Thomas Avenue from Simonton Road to Terri Lane

**Proposed Design Features:**

- Proposed typical section(s): The typical section of the roadway will not change. Sidewalks and in some locations, curb and gutter will be added.
- Proposed Design Speed Mainline

East Memorial Drive	<u>15</u>	mph
W. 6 <sup>th</sup> Street	<u>25</u>	mph
Pearl Avenue	<u>25</u>	mph
GA Highway 341		
(Cove Road) at Memorial	<u>45</u>	mph
(Cove Road) at ballfields	<u>35</u>	mph
W. 14 <sup>th</sup> Street	<u>25</u>	mph
W. 12 <sup>th</sup> Street	<u>25</u>	mph
Crescent Avenue	<u>25</u>	mph
English Avenue	<u>25</u>	mph
Glass Mill Road	<u>25</u>	mph
Euclid Avenue	<u>35</u>	mph
Lee Street	<u>25</u>	mph
W. 10 <sup>th</sup> Street	<u>35</u>	mph

Project Concept Report page 5  
Project Number: CSSTP00900328  
P. I. Number: 0009328  
County: Walker

- Hood Avenue 25 mph
- Gordon Avenue 25 mph
- Thomas Avenue 25 mph
- Proposed Maximum grade Mainline 15 %      Maximum grade allowable 15 %
- Proposed Maximum grade Side Street 15 %      Maximum grade allowable 15 %
- Proposed Maximum grade driveway 11 %
- Proposed Maximum degree of curve 4%      Maximum degree allowable 4%
- Right-of-Way
  - Width 40-65 feet
  - Easements: Temporary ( ), Permanent ( ), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (X), Other ( ).
  - Number of parcels: \_\_\_\_\_ Number of displacements:
    - Business: \_\_\_\_\_
    - Residences: \_\_\_\_\_
    - Mobile homes: \_\_\_\_\_
    - Other: \_\_\_\_\_
- Structures:
  - Bridges - None.
  - Retaining walls - None.
- Major intersections and interchanges - None.
- Traffic control during construction:
  - Maintain traffic during construction.
- Design Exceptions to controlling criteria anticipated:

	UNDETERMINED	YES	NO
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. None

Project Concept Report page 6  
Project Number: CSSTP00900328  
P. I. Number: 0009328  
County: Walker

- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion ( ),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements:
  - Chickamauga Telephone Corporation
  - Chickamauga Power Company
  - Comcast
  - Georgia Power
  - Georgia Natural Gas

**VE Study Required**    Yes( )            No(X)

**Project responsibilities:**

- Design - CTI Engineers, Inc.
- Right-of-Way Acquisition - None.
- Relocation of Utilities - City of Chickamauga
- Letting to contract - City of Chickamauga
- Supervision of construction - GDOT
- Providing material pits - Contractor
- Providing detours - None required

**Coordination**

- Initial Concept Meeting date and brief summary. Attach minutes. - Not required.
- Concept meeting date and brief summary. July 28, 2009 - Minutes attached.
- P A R meetings, dates and results. - Not required.
- FEMA, USCG, and/or TVA - None required.
- Public involvement. Invited local official to concept meeting.
- Other projects in the area. - None.
- Railroads - None.
- Other coordination to date. - None.

Project Concept Report page 7  
Project Number: CSSTP00900328  
P. I. Number: 0009328  
County: Walker

**Scheduling – Responsible Parties’ Estimate**

- Time to complete the environmental process:   3   Months.
- Time to complete preliminary construction plans:   3   Months.
- Time to complete right-of-way plans:   N/A   Months.
- Time to complete the Section 404 Permit:   N/A   Months.
- Time to complete final construction plans:   3   Months.
- Time to complete to purchase right-of-way:   N/A   Months.
- List other major items that will affect the project schedule:   N/A   Months.

**Other alternates considered:**

No other alternatives were considered due to the need for this project and the lack of options for locations of the sidewalks.

**Comments:**

**Attachments:**

1. Cost Estimates
2. Overall location map
3. Sidewalk location map
4. Typical sections
5. Concept meeting minutes
6. Location and design approval letter

**ATTACHMENT 1**

**Cost Estimates**



**CONTINGENCY SUMMARY**

Construction Cost Estimate	\$1,016,686.44	(Base Estimate)	
Engineering and Inspection	\$50,834.32	5 %	
Construction Contingency	\$30,500.59	3 %	(Based on Project Improvement Type in Tpro)
Total Fuel Adjustment	\$3,276.82		
Total Liquid AC Adjustment	\$676.86		
<b>Construction Total</b>	<b>\$1,102,000.00</b>		

Utility Cost Estimate	\$0.00		
Utility Contingency	N/A	30 %	
<b>Utility Total</b>	<b>N/A</b>		

**REIMBURSABLE UTILITY COST**

N/R	Utility Owner	Reimbursable Costs
		N/R

c: Genetha Rice-Singleton, Assistant Director of Preconstruction  
Angela Whitworth, Financial Management Administrator

**PROJ. NO.** CSSTP00900328  
**P.I. NO.** 0009328  
**DATE** 8/24/2009

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Sep-09	\$ 2.444
DIESEL		\$ 2.592
LIQUID AC		\$ 389.00

Link to Fuel and AC Index:  
<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

**LIQUID AC ADJUSTMENTS**

**PA=[((APM-APL)/APL)-0.05]xTMTxAPL**

**Asphalt**

Price Adjustment (PA)			\$	<b>676.86</b>	\$	<b>676.86</b>
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	\$	875.25		
Monthly Asphalt Cement Price month project let (APL)			\$	389.00		
Total Monthly Tonnage of asphalt cement (TMT)				1.45		

ASPHALT	Tons	%AC	AC ton
Leveling	0	5.0%	0
12.5 OGFC	0	5.0%	0
12.5 mm	0	5.0%	0
9.5 mm SP	29	5.0%	1.45
25 mm SP	0	5.0%	0
19 mm SP	0	5.0%	0
	<b>29</b>		<b>1.45</b>

**BITUMINOUS TACK COAT**

Price Adjustment (PA)			\$	-	\$	-
Monthly Asphalt Cement Price month placed (APM)	Max. Cap	125%	\$	875.25		
Monthly Asphalt Cement Price month project let (APL)			\$	389.00		
Total Monthly Tonnage of asphalt cement (TMT)				0		

Bitum Tack		
Gals	gals/ton	tons
0	232.8234	0

**TOTAL LIQUID AC ADJUSTMENT** \$ **676.86**

PROJ. NO.	CSSTP00900328
P.I. NO.	0009328
DATE	8/24/2009

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Sep-09	\$ 2.444
DIESEL		\$ 2.592
LIQUID AC		\$ 389.00

Link to Fuel and AC Index:  
<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

**FUEL ADJUSTMENTS - ROADWAY**

FPA = (((FPM-FPL)/FPL)-.10)xQxF)FPL

GRADED AGGREGATE BASE			REGULAR UNLEADED	DIESEL	TOTALS
Fuel Price Adjustment (FPA)			\$ 387.86	\$ 497.05	\$ 884.91
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	\$ 5.499	\$ 5.832	
Monthly Fuel Price for month when project was let (FPL)			\$ 2.444	\$ 2.592	
Quantity Placed (Q)		575			
Fuel Usage Factor (F)			0.24	0.29	

ASPHALT			REGULAR UNLEADED	DIESEL	TOTALS
Fuel Price Adjustment (FPA)			\$ 57.87	\$ 250.69	\$ 308.56
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	\$ 5.499	\$ 5.832	
Monthly Fuel Price for month when project was let (FPL)			\$ 2.444	\$ 2.592	
Quantity Placed (Q)		29			
Fuel Usage Factor (F)			0.71	2.90	

EARTHWORK			REGULAR UNLEADED	DIESEL	TOTALS
Fuel Price Adjustment (FPA)			\$ 682.98	\$ 1,400.38	\$ 2,083.36
Monthly Fuel Price for month work was accomplished (FPM)	Max. Cap	125%	\$ 5.499	\$ 5.832	
Monthly Fuel Price for month when project was let (FPL)			\$ 2.444	\$ 2.592	
Quantity Placed (Q)	Cy	1620			
Fuel Usage Factor (F)			0.15	0.29	

**TOTAL ROADWAY FUEL ADJUSTMENTS** \$ **3,276.82**

PROJ. NO.	CSSTP00900328
P.I. NO.	0009328
DATE	8/24/2009

INDEX (TYPE)	DATE	INDEX
REG. UNLEADED	Sep-09	\$ 2.444
DIESEL		\$ 2.592
LIQUID AC		\$ 389.00

Link to Fuel and AC Index:  
<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

**FUEL ADJUSTMENTS - BRIDGE**

FPA = (((FPM-FPL)/FPL)-.10)x(QxF/1000))FPL

		REGULAR UNLEADED	DIESEL	TOTALS
Fuel Price Adjustment (FPA)		\$ -	\$ -	\$ -
Monthly Fuel Price for month work was accomplished (FPM)	125%	\$ 5.499	\$ 5.832	
Monthly Fuel Price for month when project was let (FPL)		\$ 2.444	\$ 2.592	
Quantity Placed (Q)	\$ -			
Fuel Usage Factor (F)		1.5	8	

Section	Cost
211 Bridge Excavation	\$ -
500 Superstr Conc CI AA	\$ -
500 Class A Concrete	\$ -
500 Class AA Concrete	\$ -
500 Concrete Handrail	\$ -
500 Concrete Barrier	\$ -
501 Structural Steel	\$ -
507 Prestressed Conc Beams	\$ -
511 Super Reinforcement	\$ -
511 Bar Reinf Steel	\$ -
520 Piling	\$ -
520 Piling	\$ -
524 Drilled Caisson	\$ -
547 Pile Encasement	\$ -
547 Pile Encasement	\$ -
	\$ -

Assumes 80% of the estimated bridge cost will qualify for fuel adjustments

EST. BRIDGE COST	% COST WITH ADJ.	COST
	80%	\$ -

**TOTAL BRIDGE FUEL ADJUSTMENTS** \$ -

## Estimate Report for file "Chickamauga Sidewalk Project"

### Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	Lump Sum	10400.00	TRAFFIC CONTROL	10400.00
210-0100	1	Lump Sum	100000.00	GRADING COMPLETE	100000.00
310-1101	1370	TN	17.04	GR AGGR BASE CRS, INCL MATL	23344.80
400-3150	30	TN	234.59	ASPH CONC 9.5 MM OGFC, GP 2 ONLY, INCL POLY-MOD., BIT. MATERIAL AND H LIME	7037.70
413-1000	110	GL	2.00	BITUM TACK COAT	220.00
441-0016	1950	SY	42.35	DRIVEWAY CONCRETE, 6 IN TK	82582.50
441-0104	8760	SY	30.72	CONC SIDEWALK, 4 IN	269107.20
441-6022	5400	LF	12.46	CONC CURB & GUTTER, 6 IN X 30 IN, TP 2	67284.00
500-3200	75	CY	411.00	CLASS B CONCRETE	30825.00
500-3201	18	CY	515.26	CLASS B CONCRETE, RETAINING WALL	9274.68
550-1150	2870	LF	32.50	STORM DRAIN PIPE, 15 IN, H 1-10	93275.00
550-1180	50	LF	36.27	STORM DRAIN PIPE, 18 IN, H 1-10	1813.50
550-1240	250	LF	41.79	STORM DRAIN PIPE, 24 IN, H 1-10	10447.50
550-1360	2250	LF	62.22	STORM DRAIN PIPE, 36 IN, H 1-10	139995.00
550-1848	60	LF	105.51	ELLIPTICAL PIPE, 53-IN X 34-IN	6330.60
550-3318	1	EA	549.83	SAFETY END SECTION 18 IN, STORM DRAIN, 4:1 SLOPE	549.83
550-4215	4	EA	400.00	FLARED END SECTION 15 IN, STORM DRAIN	1600.00
610-0300	150	LF	3.52	REM FENCE -	528.00
610-1055	30	LF	2.13	REM GUARDRAIL	63.90
611-4890	150	LF	11.20	RESET FENCE -	1680.00
611-5300	30	LF	9.98	RESET GUARDRAIL	299.40
641-1200	20	LF	17.89	GUARDRAIL, TP W	357.80
641-5001	2	EA	673.15	GUARDRAIL ANCHORAGE, TP 1	1346.30
668-1100	10	EA	2429.74	CATCH BASIN, GP 1	24297.40
668-1200	1	EA	3088.68	CATCH BASIN, GP 2	3088.68
668-2100	17	EA	2360.78	DROP INLET, GP 1	40133.26
668-2110	10	LF	196.09	DROP INLET, GP 1, ADDL DEPTH	1960.90
668-4300	2	EA	2269.90	STORM SEWER MANHOLE, TP 1	4539.80
668-5000	3	EA	3600.00	JUNCTION BOX	10800.00
668-7008	15	EA	700.00	DRAIN INLET, 8-IN	10500.00

**Section Sub Total: \$953,682.75**

### Section Signing & Marking

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1020	80	SF	16.67	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	1333.60
636-2070	60	LF	8.71	GALV STEEL POSTS, TP 7	522.60
653-1704	400	LF	3.47	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	1388.00
653-1804	3900	LF	1.68	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	6552.00

**Section Sub Total: \$9,796.20**

### Section Temporary Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	1	AC	283.37	TEMPORARY GRASSING	283.37
163-0240	10	TN	129.90	MULCH	1299.00
163-0541	14	EA	412.39	CONSTRUCT AND REMOVE ROCK FILTER DAMS	5773.46
163-0550	27	EA	188.29	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	5083.83
165-0010	1100	LF	0.53	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	583.00
165-0030	90	LF	0.66	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	59.40
165-0105	27	EA	78.69	MAINTENANCE OF INLET SEDIMENT TRAP	2124.63
171-0010	1100	LF	1.84	TEMPORARY SILT FENCE, TYPE A	2024.00
171-0030	90	LF	2.95	TEMPORARY SILT FENCE, TYPE C	265.50

**Section Sub Total: \$17,496.19**

### Section Permanent Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
603-1024	105	SY	63.26	STN PLAIN RIP RAP, 24 IN	6642.30
603-7000	105	SY	3.80	PLASTIC FILTER FABRIC	399.00
700-9300	8000	SY	3.56	SOD	28480.00
716-2000	200	SY	0.95	EROSION CONTROL MATS, SLOPES	190.00

**Section Sub Total: \$35,711.30**

**Total Estimated Cost: \$1,016,686.44**



**CITY OF CHICKAMAUGA**  
 CHICKAMAUGA, GEORGIA 30707  
*"Historic Chickamauga"*



TELEPHONE 706-375-3177

August 24, 2009

RAY CROWDER  
 Mayor

COUNCIL MEMBERS

RANDAL DALTON  
 Mayor Pro Tem  
 Police Dept.

ROBERT ROBERTSON  
 Water & Sewer  
 Recreation

NANCY HOLSONBACK  
 Office & Finance

WILLIAM M. ASKEW, III  
 Electric Dept  
 Planning & Development

STEVE TARVIN  
 Streets & Grounds

JUANITA CROWDER  
 Recorder

JOHN CULPEPPER  
 Utilities Manager

JIM POWELL  
 Office Manager

MICHEAL HANEY  
 Chief of Police

GDOT District 6  
 500 Joe Frank Harris Pkwy  
 Cartersville, GA 30120-0010

Subject: Chickamauga City Schools Sidewalks

To Whom It May Concern:

There will be no reimbursable utility costs associated with the Chickamauga City School Sidewalk project (GDOT PI # 0009328) on any City streets.

Sincerely,

John Culpepper, City Manager

M:\CTND\0\192000-192999\192989\LL\WARRA Stimulus Package Project Concept Report July 2009 (ID 192996)\gdot letter 082409.wpd

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

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INTERDEPARTMENT CORRESPONDENCE

FILE CSSTP-0009-00(328); Walker County OFFICE Cartersville  
City of Chickamauga Sidewalk  
P.I. No. 0009328 DATE August 28, 2009

FROM Kerry D. Bonner, District Utilities Engineer

TO DeWayne Comer, P E., District Pre Construction Engineer  
Attn: David Moore

SUBJECT Utilities

At this time there are no reimbursable utility costs for the above file project.  
If you have any questions, please contact Royce Turner at (770) 387-3615.

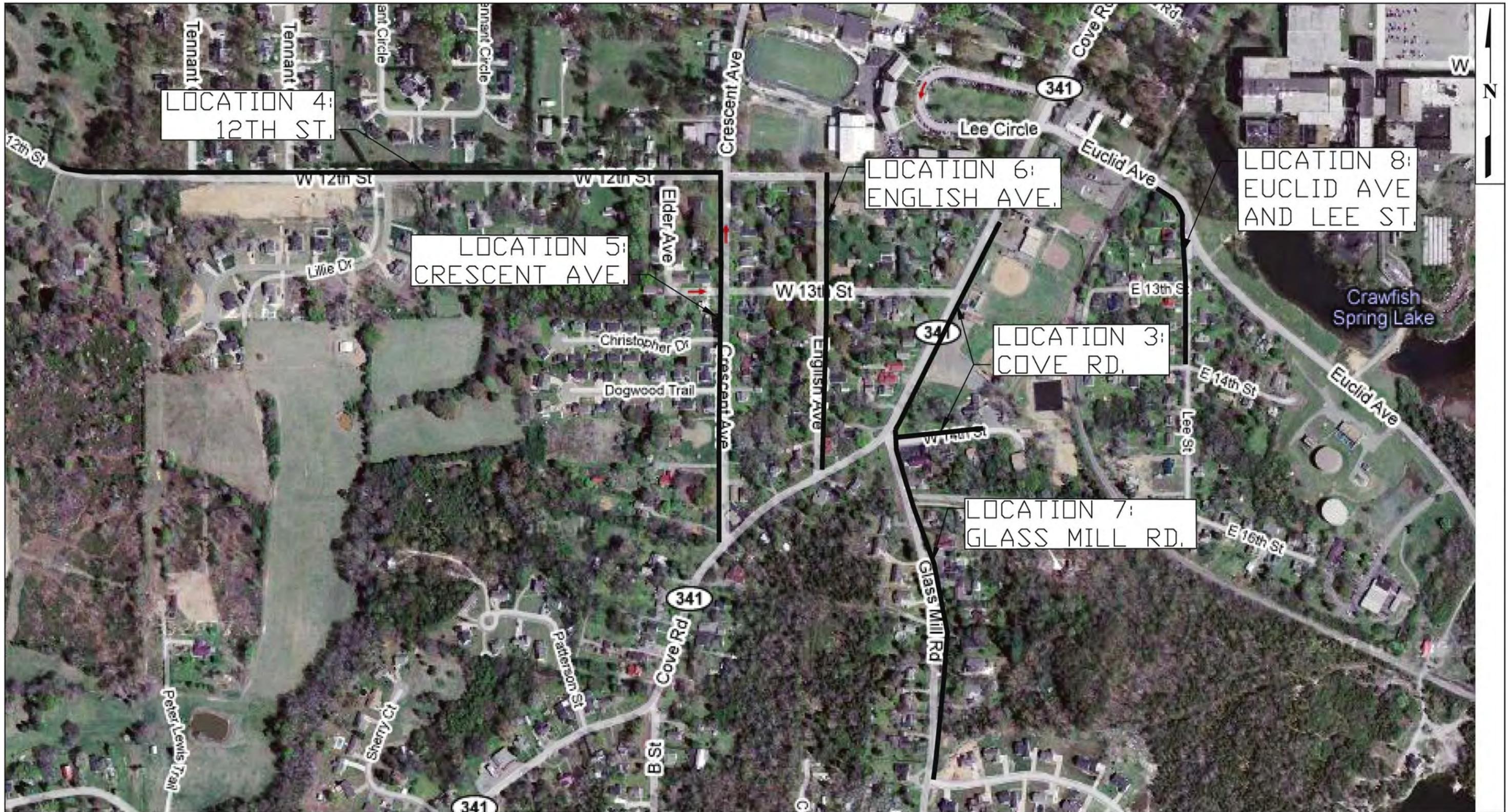
BY: Kerry D. Bonner *KDB/RET*  
District Utilities Engineer

KLS/KDB/rt

C: Rachel G. Watkins, EI  
File

**ATTACHMENT 2**

**Overall Location Map**



LOCATION 4:  
12TH ST.

LOCATION 5:  
CRESCENT AVE.

LOCATION 6:  
ENGLISH AVE.

LOCATION 3:  
COVE RD.

LOCATION 7:  
GLASS MILL RD.

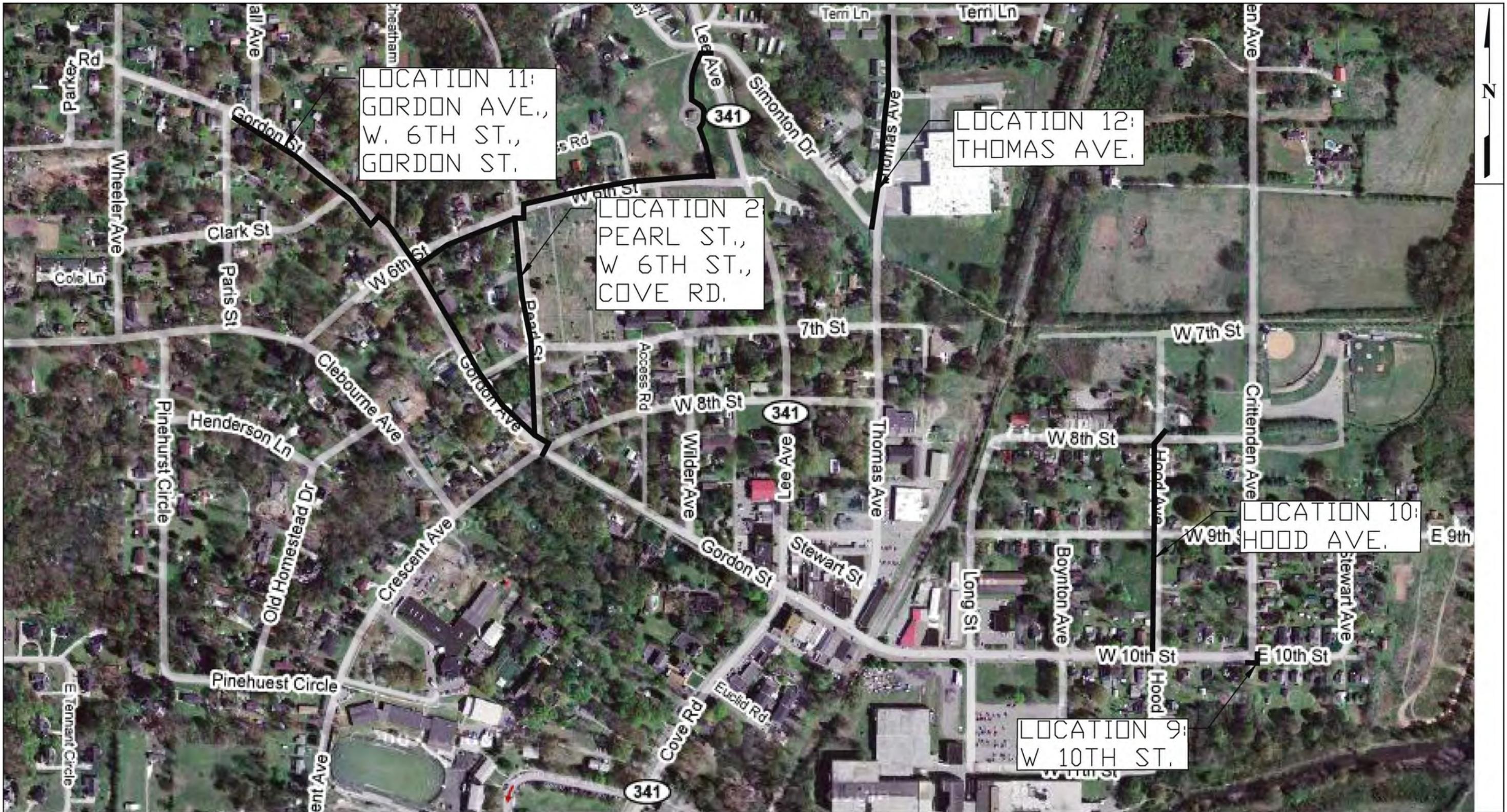
LOCATION 8:  
EUCLID AVE  
AND LEE ST.

NOT TO SCALE  
SOURCE: GOOGLE MAPS

CHICKAMAUGA SIDEWALK PROJECTS  
**PROPOSED SIDEWALK ROUTES  
 AND SIDEWALK  
 PROBLEM AREAS**



CITY OF CHICKAMAUGA G09003



LOCATION 11:  
GORDON AVE.,  
W. 6TH ST.,  
GORDON ST.

LOCATION 2:  
PEARL ST.,  
W 6TH ST.,  
COVE RD.

LOCATION 12:  
THOMAS AVE.

LOCATION 10:  
HOOD AVE.

LOCATION 9:  
W 10TH ST.

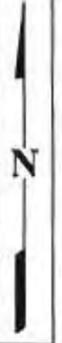
NOT TO SCALE  
SOURCE: GOOGLE MAPS

CHICKAMAUGA SIDEWALK PROJECTS  
**PROPOSED SIDEWALK ROUTES  
AND SIDEWALK  
PROBLEM AREAS**



CITY OF CHICKAMAUGA G09003

**ATTACHMENT 3**  
**Sidewalk Location Map**



SIDEWALK LOCATION MAP

LOCATION 2  
 GA HWY 341 TO W 6TH ST TO  
 PEARL AVE TO CRESCENT AVE

NOT TO SCALE  
 SOURCE: GOOGLE MAPS



CITY OF CHICKAMAUGA

G09003



SIDEWALK LOCATION MAP

LOCATION 3  
 GA HWY 341 AT BALL FIELDS TO  
 GLASS MILL RD AND W 14TH ST

NOT TO SCALE  
 SOURCE: GOOGLE MAPS



CITY OF CHICKAMAUGA G09003



HIDDEN HILLS  
SUBDIVISION

END NEW  
SIDEWALK

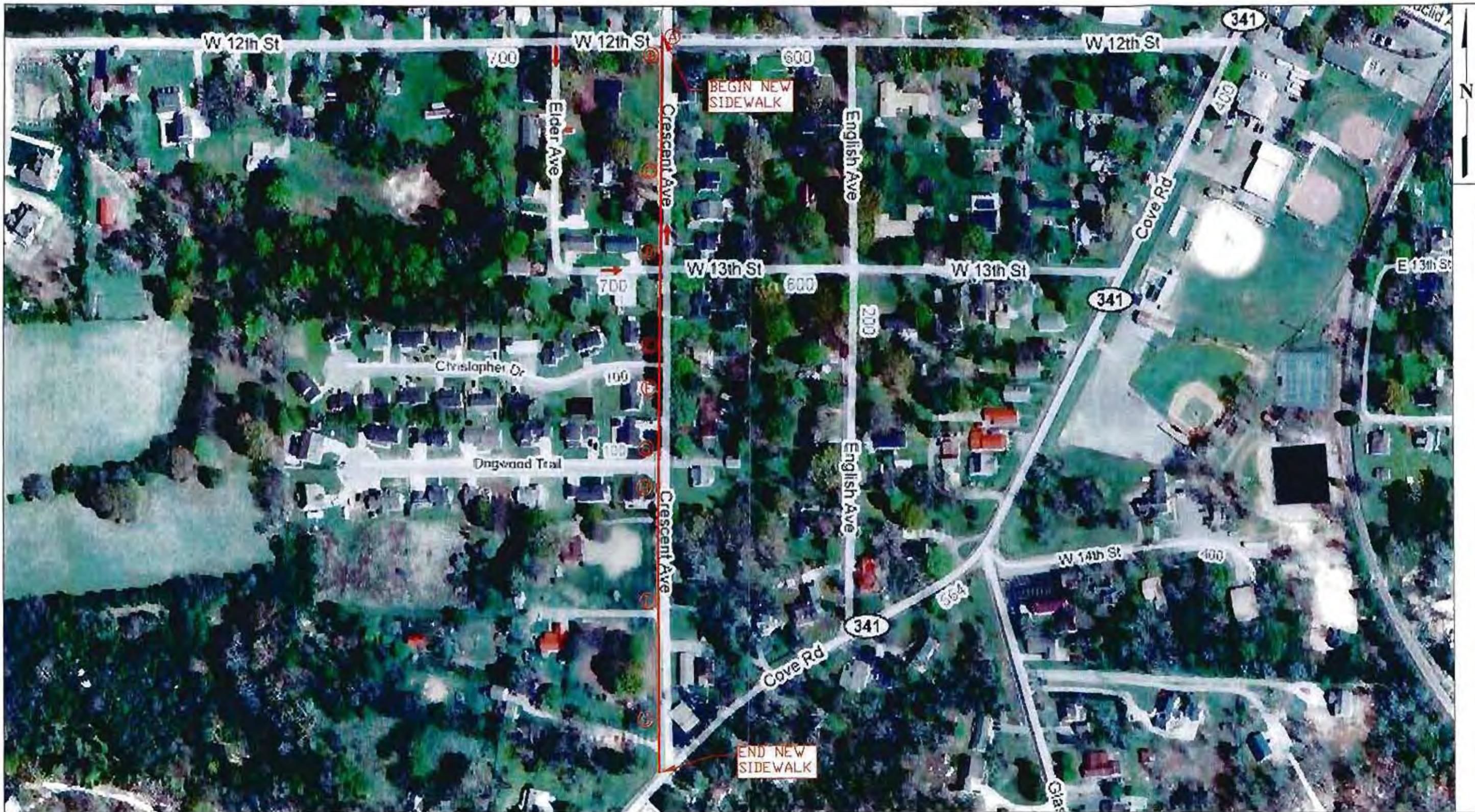
CHICKAMAUGA  
CITY SCHOOLS

BEGIN NEW  
SIDEWALK

NOT TO SCALE  
SOURCE: GOOGLE MAPS

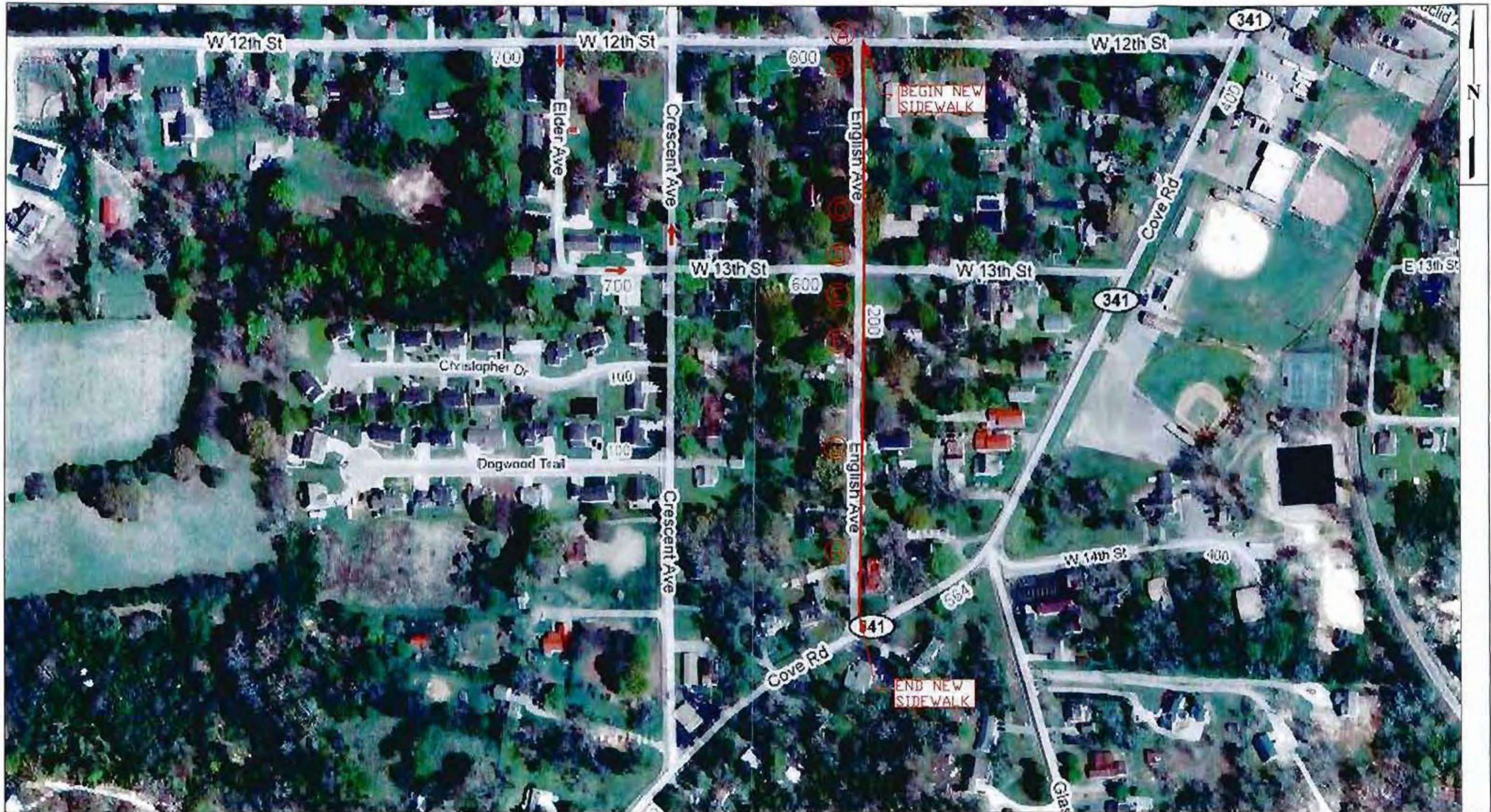
SIDEWALK LOCATION MAP  
LOCATION 4  
W 12TH ST FROM CRESCENT AVE  
TO SUBDIVISION

 CITY OF CHICKAMAUGA G09003



NOT TO SCALE  
 SOURCE: GOOGLE MAPS

SIDEWALK LOCATION MAP	
LOCATION 5 CRESCENT AVE FROM W 12TH ST TO GA HWY 341	
	CITY OF CHICKAMAUGA
G09003	



NOT TO SCALE  
SOURCE: GOOGLE MAPS

**SIDEWALK LOCATION MAP**  
**LOCATION 6**  
**ENGLISH AVE FROM W 12TH ST**  
**TO GA HWY 341**

**CTI** CITY OF CHICKAMAUCA C09003



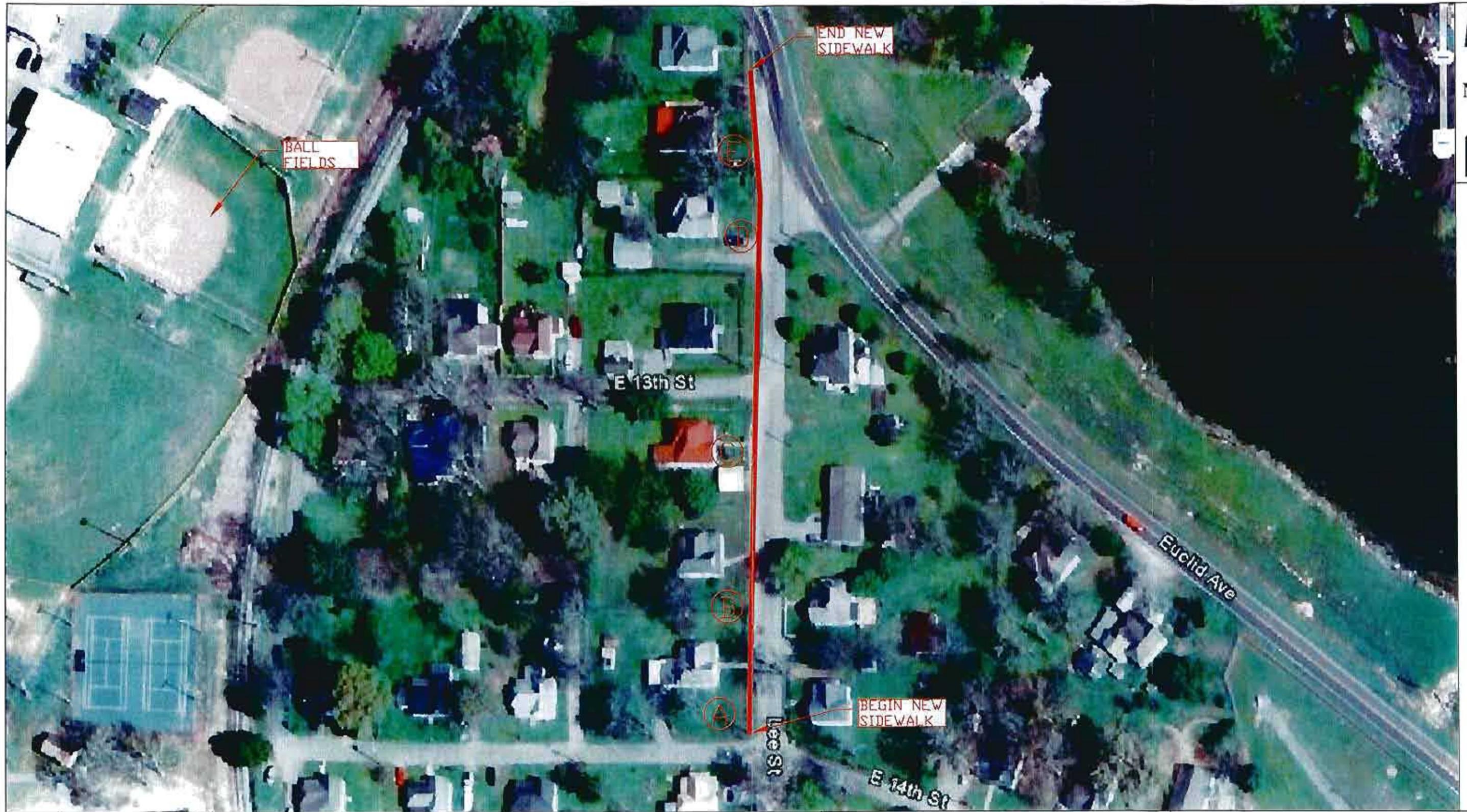
NOT TO SCALE  
 SOURCE: GOOGLE MAPS

SIDEWALK LOCATION MAP	
LOCATION 7 GLASS MILL RD FROM SUBDIVISION TO GA HWY 341	
	CITY OF CHICKAMAUGA 000003



NOT TO SCALE  
SOURCE: GOOGLE MAPS

SIDEWALK LOCATION MAP	
LOCATION 8 EUCLID AVE FROM LEE ST TO CIVIC CENTER	
	CITY OF CHICKAMAUGA G09003



END NEW SIDEWALK

BALL FIELDS

E 13th St

Lee St

BEGIN NEW SIDEWALK

E 14th St

Euclid Ave

SIDEWALK LOCATION MAP

LOCATION 8-A  
LEE ST FROM E 14TH ST  
TO EUCLID AVE

NOT TO SCALE  
SOURCE: GOOGLE MAPS



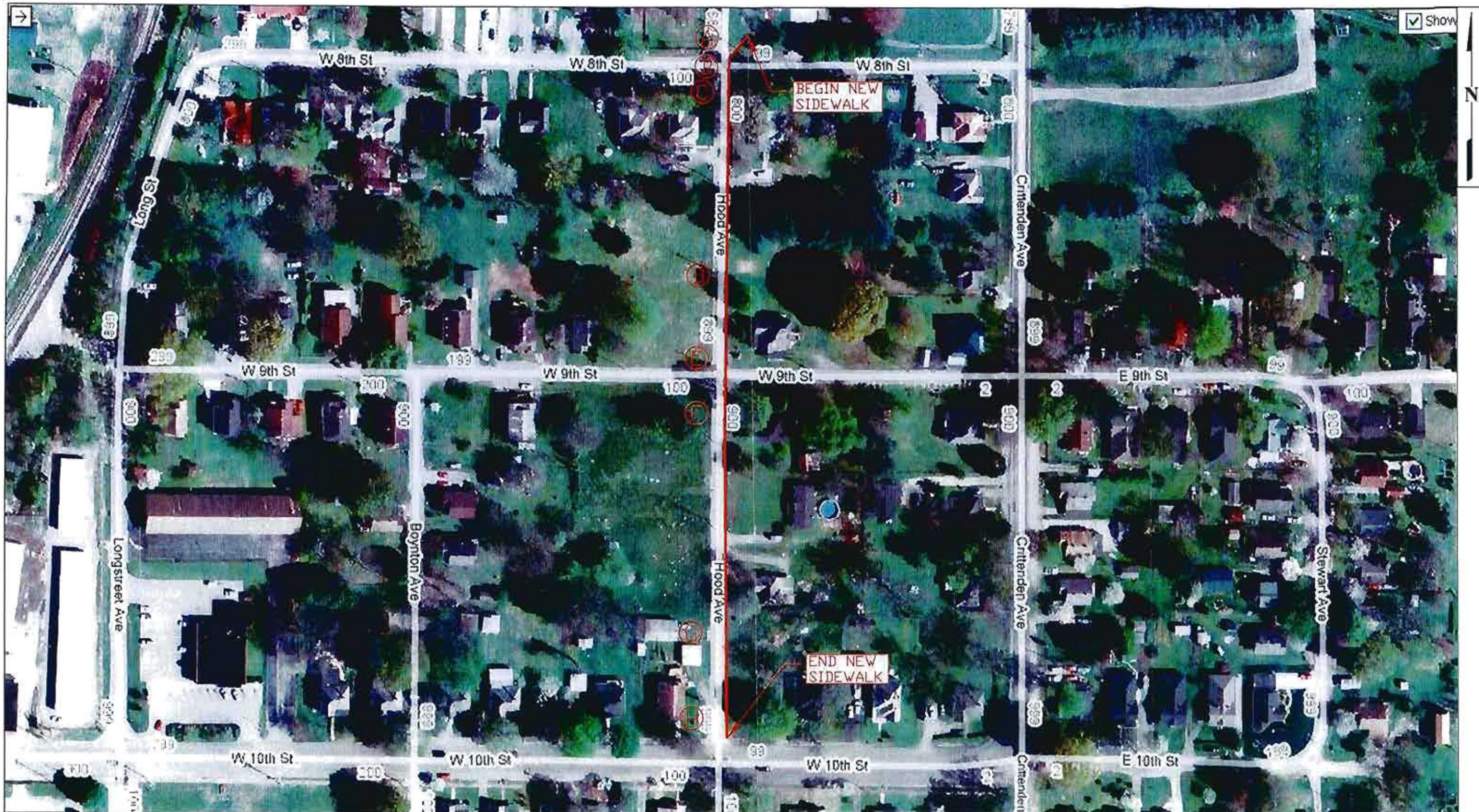
CITY OF CHICKAMAUGA

G09003



NOT TO SCALE  
 SOURCE: GOOGLE MAPS

SIDEWALK LOCATION MAP	
LOCATION 9	
<b>W 10TH ST TO CRITTENDEN AVE</b>	
	CITY OF CHICKAMAUGA
G09003	



NOT TO SCALE  
SOURCE: GOOGLE MAPS

<b>SIDEWALK LOCATION MAP</b>	
<b>LOCATION 10 HOOD AVE FROM W 8TH ST TO W 10TH ST</b>	
	CITY OF CHICKAMAUGA G09003





END NEW SIDEWALK

BEGIN NEW SIDEWALK

341

Terri Ln

Simonton Rd

SIDEWALK LOCATION MAP

LOCATION 12  
THOMAS AVE FROM SIMONTON  
RD TO TERRI LN

NOT TO SCALE  
SOURCE: GOOGLE MAPS



CITY OF CHICKAMAUGA C09003

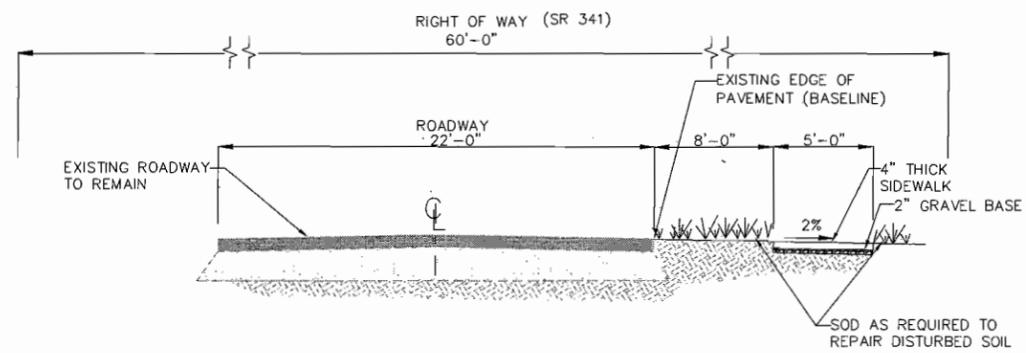
**ATTACHMENT 4**

**Typical Sections**

CITY PROJECT: G09003 Chickamauga Sidewalk, DRAWING: TYPICAL SECTIONS (19308046), LAYOUT: TYP. SEC 1

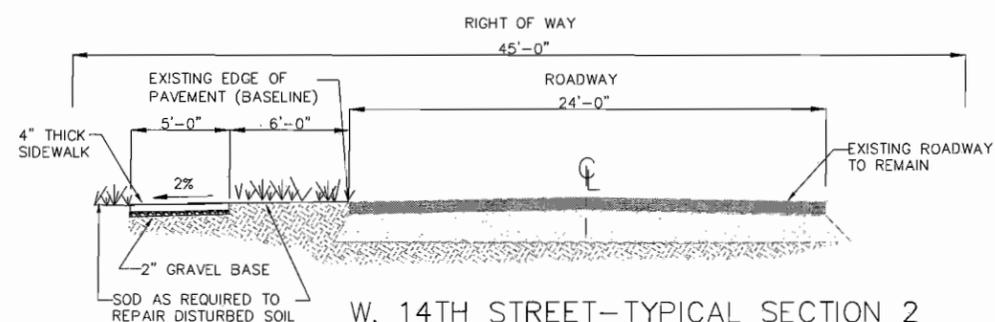
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSSTP-0009-00 (328)		

NOTE:  
SEE MAINLINE PLAN FOR LOCATION OF CURB AND GUTTER, SIDEWALK, ETC.



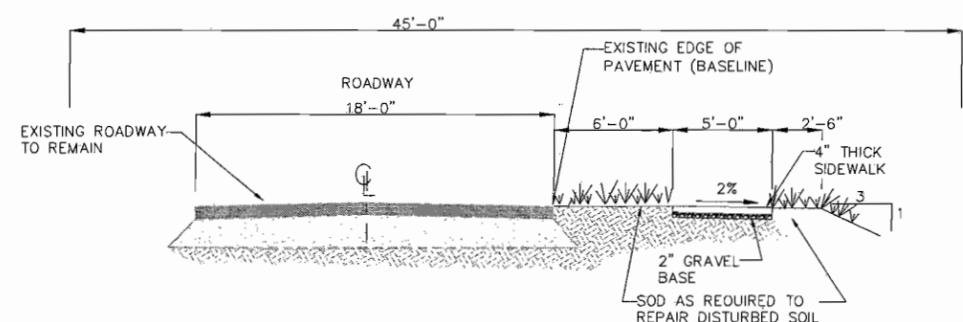
**COVE ROAD— TYPICAL SECTION 1**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 10+00



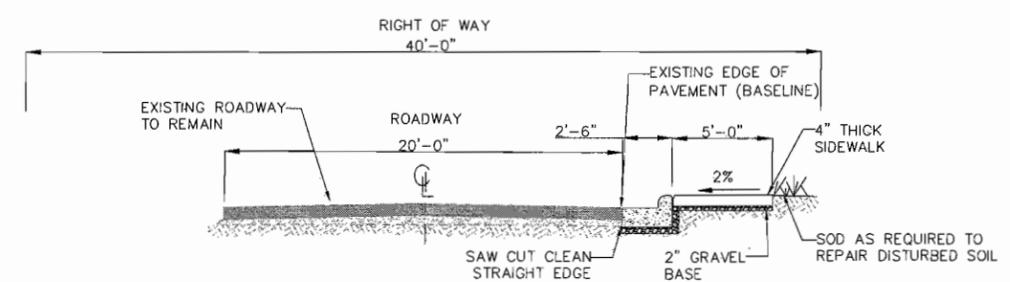
**W. 14TH STREET— TYPICAL SECTION 2**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 3+64



**NORTH MEMORIAL DRIVE— TYPICAL SECTION 3**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 5+00



**6TH STREET— TYPICAL SECTION 4**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 5+00

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NO.	REVISIONS	DATE	BY	APP'D

DESIGN	CHKD	APP'D
PRS		
DRAWN		
PLW		
CHECKED		
PCW		
APPROVED		
LAP		

CITY OF CHICKAMAUGA  
CHICKAMAUGA CITY SCHOOLS SIDEWALKS  
TYPICAL SECTIONS  
SHEET 1 OF 6



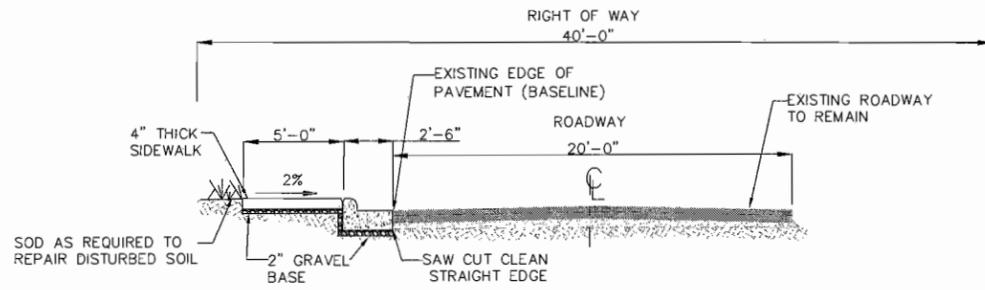
JOB NO.	G09003
DATE	10/06/2009
SCALE	NO SCALE
DRAWING NO.	05-001

CITY PROJECT: G09003 Chickamauga Sidewalk, DRAWING: TYPICAL SECTIONS (1930806v6), LAYOUT: TYP SEC 2

NOTE:  
SEE MAINLINE PLAN FOR LOCATION OF CURB AND GUTTER, SIDEWALK, ETC.

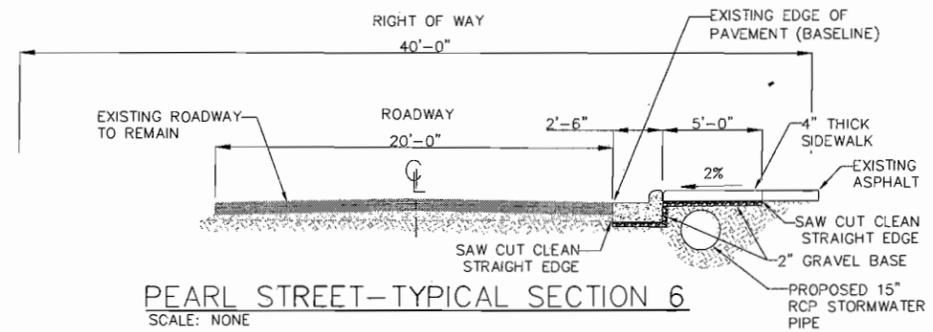
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSSTP-0009-00 (328)		

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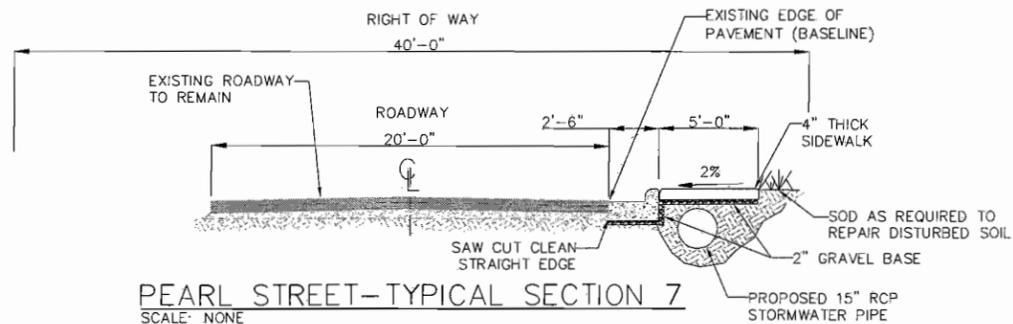
**6TH STREET-TYPICAL SECTION 5**  
SCALE: NONE

APPLIES TO STA. 5+00 TO 12+93



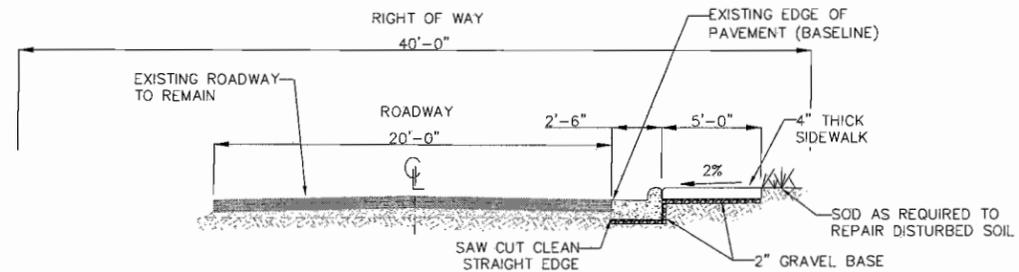
**PEARL STREET-TYPICAL SECTION 6**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 2+75



**PEARL STREET-TYPICAL SECTION 7**  
SCALE: NONE

APPLIES TO STA. 2+75 TO 9+25



**PEARL STREET-TYPICAL SECTION 8**  
SCALE: NONE

APPLIES TO STA. 9+25 TO 9+96

NO.	DESCRIPTIONS	DATE	BY	APP'D

DESIGN: PRS  
DRAWN: PLW  
CHECKED: RGW  
APPROVED: LAP

CITY OF CHICKAMAUGA  
CHICKAMAUGA CITY SCHOOLS SIDEWALKS  
TYPICAL SECTIONS  
SHEET 2 OF 6



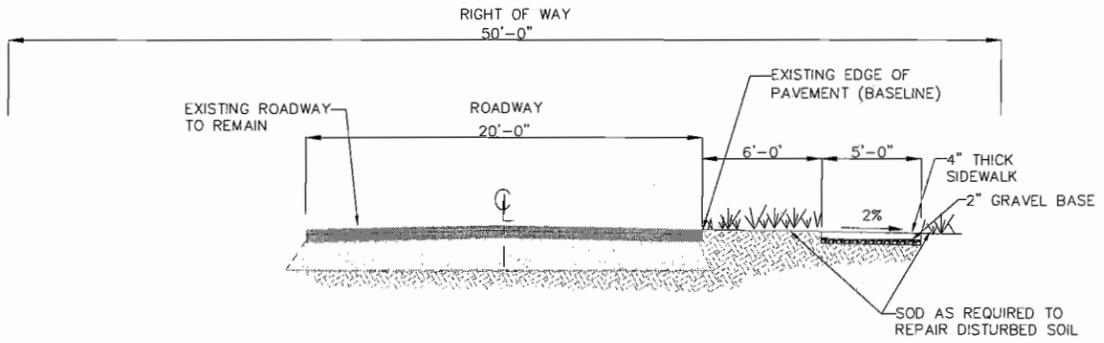
JOB NO. G09003
DATE 10/06/2009
SCALE NO SCALE
DRAWING NO. 05-001

CTI PROJECT: G09003 Chickamauga Sidewalk DRAWING: TYPICAL SECTIONS (19.080806), LAYOUT: TYP. SEC 3

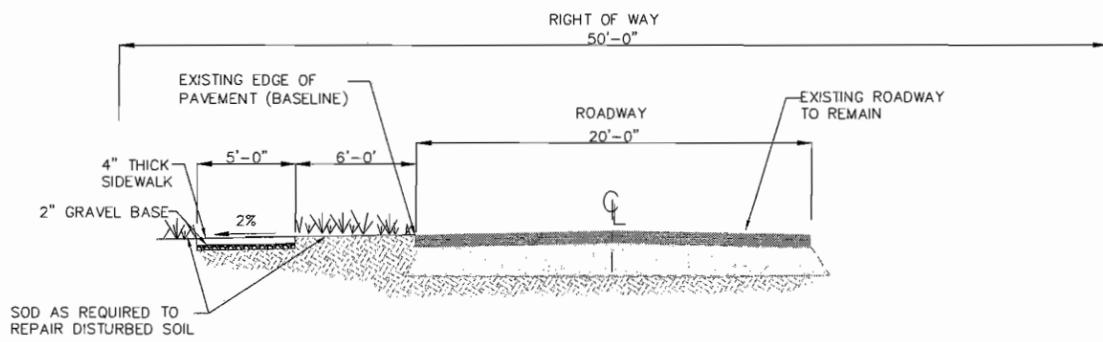
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSSTP-0009-00 (328)		

NOTE:  
SEE MAINLINE PLAN FOR LOCATION OF CURB AND GUTTER, SIDEWALK, ETC.

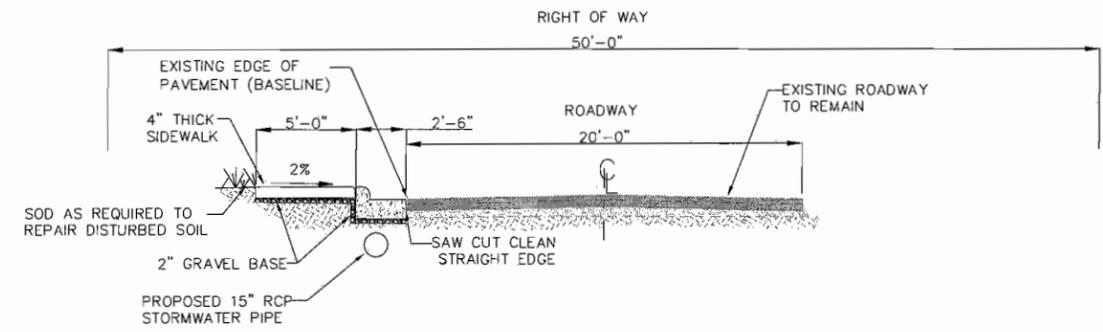
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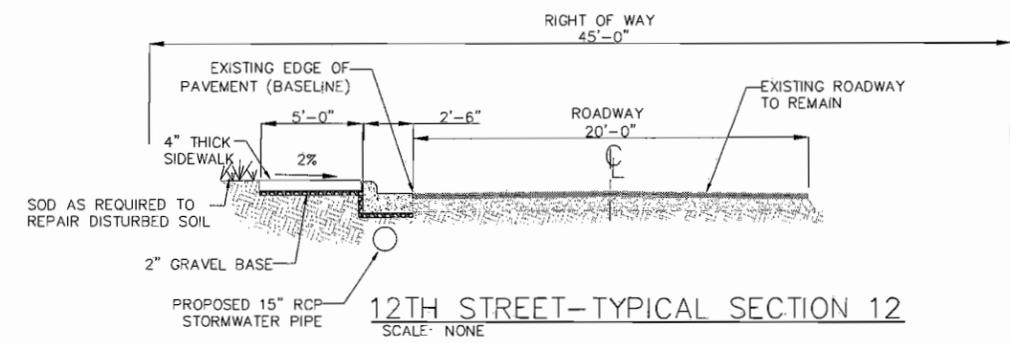
**GORDON STREET-TYPICAL SECTION 9**  
SCALE: NONE  
APPLIES TO STA. 0+00 TO 4+50



**GORDON STREET-TYPICAL SECTION 10**  
SCALE: NONE  
APPLIES TO STA. 4+50 TO 8+20



**GORDON STREET-TYPICAL SECTION 11**  
SCALE: NONE  
APPLIES TO STA. 8+20 TO 18+67



**12TH STREET-TYPICAL SECTION 12**  
SCALE: NONE  
APPLIES TO STA. 0+00 TO 4+50

NO.	REVISIONS DESCRIPTIONS	DATE	BY	APP'D

DESIGN	PRS	DRWN	PLW	CHECKED	RCW	APPROVED	LAP
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CITY OF CHICKAMAUGA  
 CHICKAMAUGA CITY SCHOOLS SIDEWALKS  
 TYPICAL SECTIONS  
 SHEET 3 OF 6



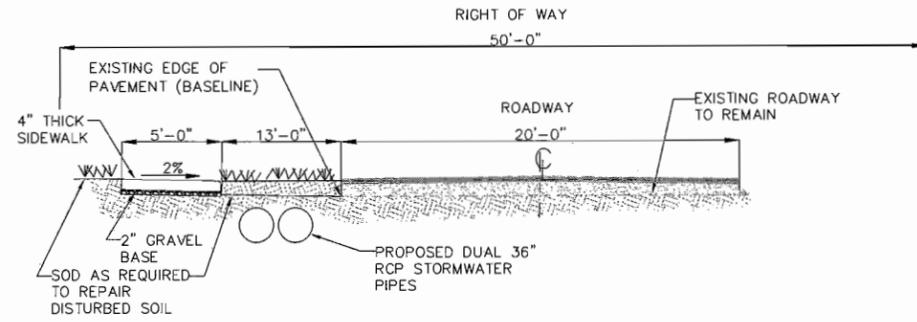
JOB NO.	G09003
DATE	10/06/2009
SCALE	NO SCALE
DRAWING NO.	05-003

CTI PROJECT: G09003 Chickamauga Sidewalk, DRAWING: TYPICAL SECTIONS (19308046), LAYOUT: TYP. SEC. 4

NOTE:  
SEE MAINLINE PLAN FOR LOCATION OF CURB AND GUTTER, SIDEWALK, ETC.

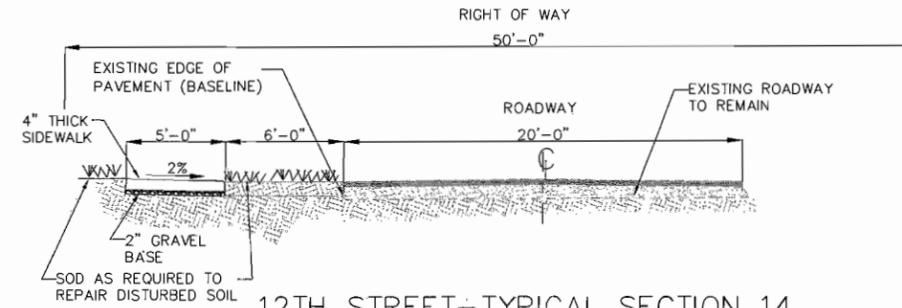
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSSTP-0009-00 (328)		

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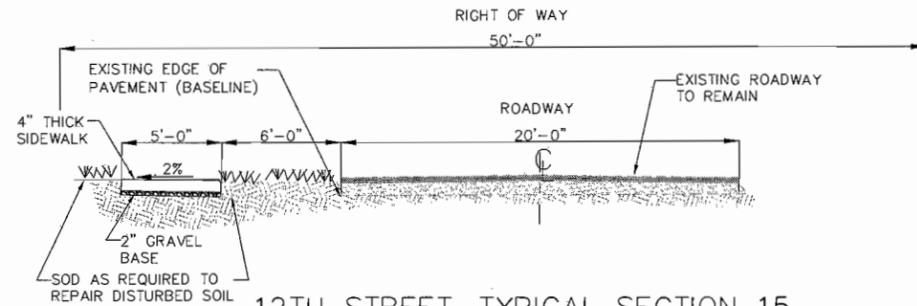
**12TH STREET-TYPICAL SECTION 13**  
SCALE: NONE

APPLIES TO STA. 4+50 TO 16+00



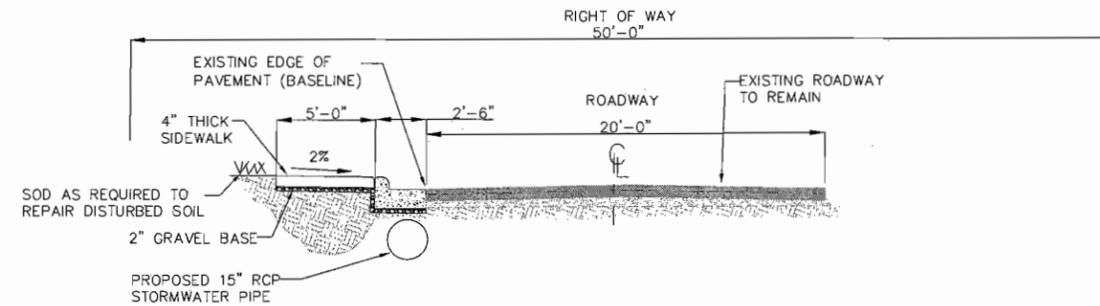
**12TH STREET-TYPICAL SECTION 14**  
SCALE: NONE

APPLIES TO STA. 16+00 TO 19+00  
AND STA. 21+00 TO 26+37



**12TH STREET-TYPICAL SECTION 15**  
SCALE: NONE

APPLIES TO STA. 19+00 TO 21+00



**CRESCENT AVENUE-TYPICAL SECTION 16**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 14+43

DESIGN		REVISIONS		DATE	BY	APP'D
NO.	DESCRIPTION	NO.	DESCRIPTION			

**CITY OF CHICKAMAUGA**  
**CHICKAMAUGA CITY SCHOOLS SIDEWALKS**  
**TYPICAL SECTIONS**  
**SHEET 4 OF 6**



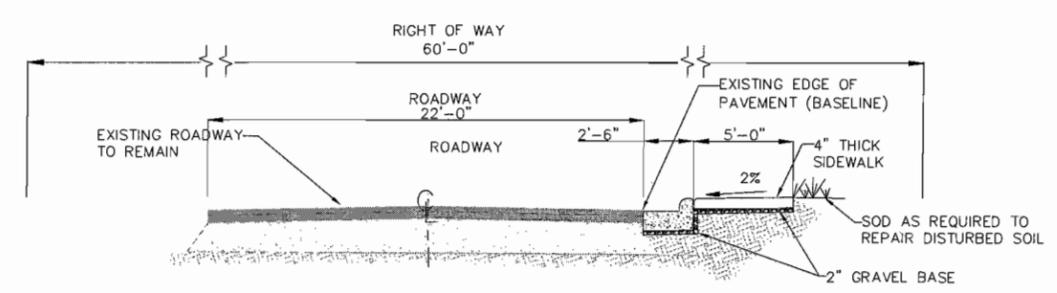
JOB NO.	G09003
DATE	10/06/2009
SCALE	NO SCALE
DRAWING NO.	05-004

CITY PROJECT: 09003 Chickamauga Sidewalk, DRAWING: TYPICAL SECTIONS (19308046), LAYOUT: TYP SEC 5

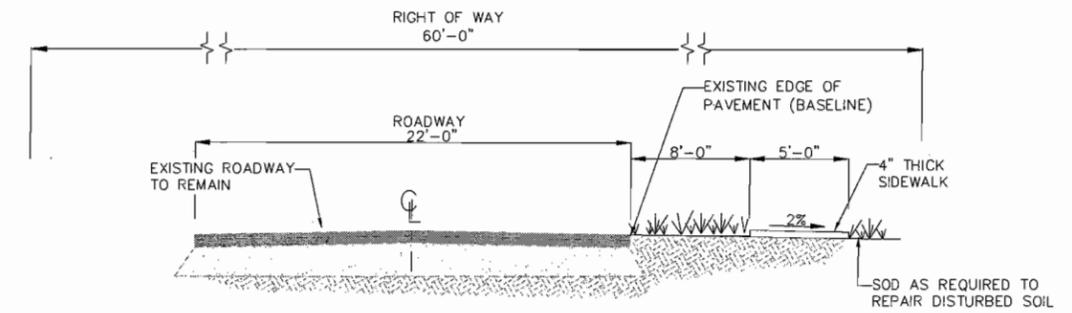
NOTE:  
SEE MAINLINE PLAN FOR LOCATION OF CURB AND GUTTER, SIDEWALK, ETC.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSSTP-0009-00 (328)		

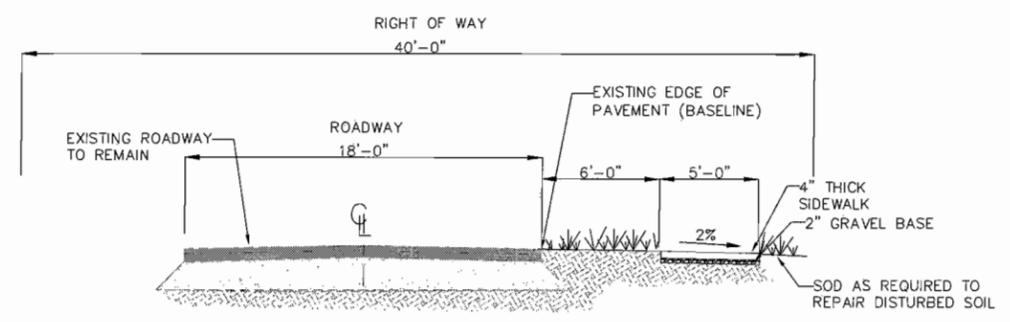
THIS DRAWING IS AN INSTRUMENT OF SERVICE FOR THE CITY OF CHICKAMAUGA, GEORGIA, WHICH SHALL BE DEEMED THE AUTHOR AND OWNER OF THIS DRAWING. IT IS NOT TO BE REPRODUCED OR DISTRIBUTED TO OTHERS IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN CONSENT OF THE CITY OF CHICKAMAUGA, GEORGIA. THE CITY OF CHICKAMAUGA, GEORGIA, IS NOT RESPONSIBLE FOR CONSEQUENCES RELATED TO THE USE OF THIS DRAWING OR PORTIONS THEREOF.



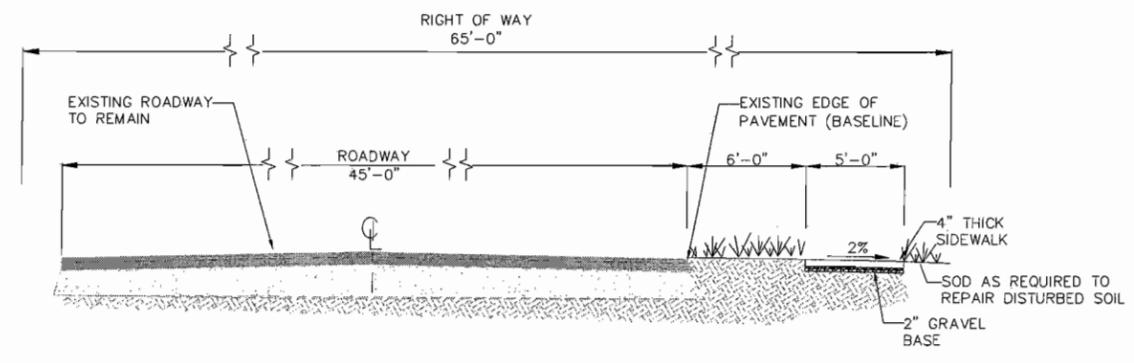
**ENGLISH AVENUE-TYPICAL SECTION 17**  
SCALE: NONE  
APPLIES TO STA. 0+00 TO 2+54



**ENGLISH AVENUE-TYPICAL SECTION 18**  
SCALE: NONE  
APPLIES TO STA. 2+54 TO 8+81



**EUCLID/LEE ROAD-TYPICAL SECTION 19**  
SCALE: NONE  
APPLIES TO STA. 0+00 TO 7+67



**WEST 10TH STREET-TYPICAL SECTION 20**  
SCALE: NONE  
APPLIES TO STA. 0+00 TO 0+68

NO.	DESCRIPTIONS	DATE	BY	APP'D

DESIGN	CHKD	APP'D
PRS	PLW	RCW

CITY OF CHICKAMAUGA  
CHICKAMAUGA CITY SCHOOLS SIDEWALKS  
TYPICAL SECTIONS  
SHEET 5 OF 6



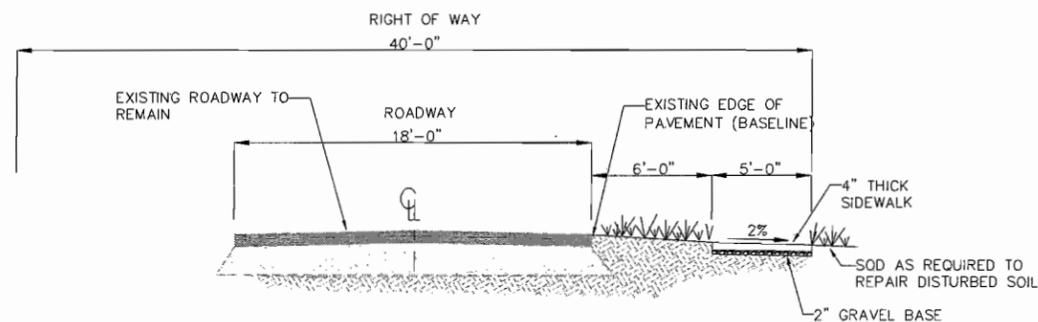
JOB NO.	G09003
DATE	10/06/2009
SCALE	NO SCALE
DRAWING NO.	05-005

CTI PROJECT: G09003 Chickamauga Sidewalk, DRAWING: TYPICAL SECTIONS (193080-6), LAYOUT: TYP SEC 6

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSSTP-0009-00 (328)		

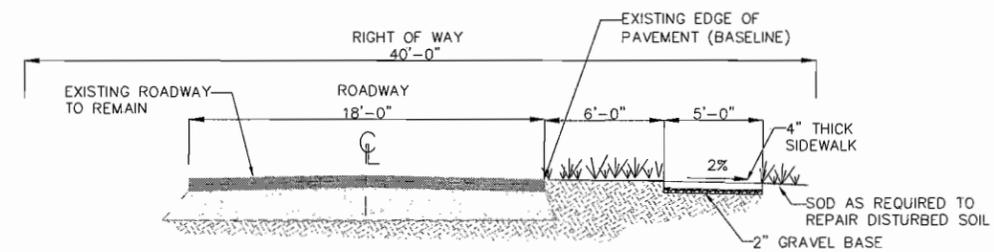
THIS DRAWING IS AN INSTRUMENT OF SERVICE UNDER A PROFESSIONAL ENGINEERING LICENSE (C.E.), WHICH SHALL BE DEEMED THE AUTHOR AND OWNER OF THIS DRAWING. IT IS THE RESPONSIBILITY OF THE USER TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS PRIOR TO CONSTRUCTION.

NOTE:  
SEE MAINLINE PLAN FOR LOCATION OF CURB AND GUTTER, SIDEWALK, ETC.



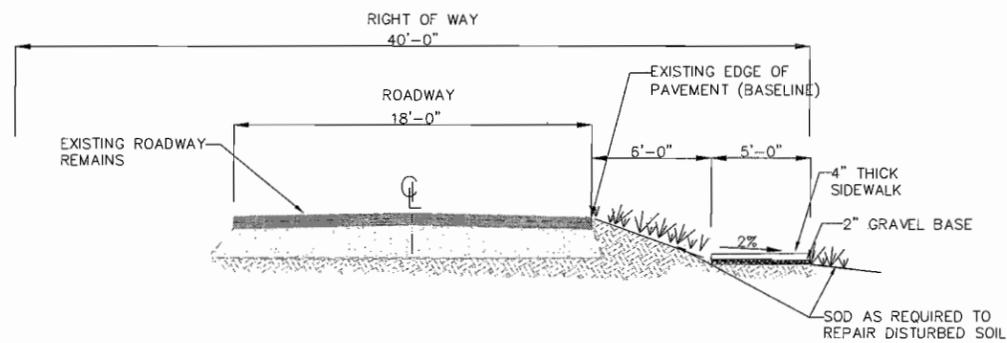
**HOOD AVENUE-TYPICAL SECTION 21**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 8+93



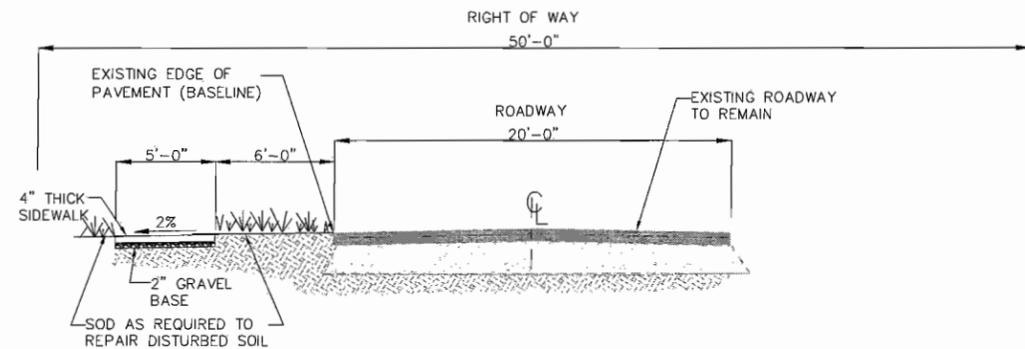
**GLASS MILL ROAD-TYPICAL SECTION 22**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 3+07  
AND STA. 4+06 TO 13+61



**GLASS MILL ROAD-TYPICAL SECTION 23**  
SCALE: NONE

APPLIES TO STA. 3+07 TO 4+06



**THOMAS STREET-TYPICAL SECTION 24**  
SCALE: NONE

APPLIES TO STA. 0+00 TO 9+04

NO.	REVISIONS	DATE	BY	APP'D

DESIGN	PRS	DRAWN	CHECKED	APPROVED	LAP

CITY OF CHICKAMAUGA  
 CHICKAMAUGA CITY SCHOOLS SIDEWALKS  
 TYPICAL SECTIONS  
 SHEET 6 OF 6



JOB NO.	G09003
DATE	10/06/2009
SCALE	NO SCALE
DRAWING NO.	05-006

**ATTACHMENT 5**

**Concept Meeting Minutes**

**CONCEPT TEAM MEETING**  
**CSSTP0009000328 – PI NO. 0009328 WALKER**  
**CHICKAMAUGA CITY SCHOOLS SIDEWALKS**  
July 28, 2009

\* RAV – resolved after review

**Introductions**

- 1- Project Development History – need P.F.A. – Greg will get out as soon as possible.  
RAV-Meg Pirkle states that it is not necessary in phone conversation.
- 2- Survey – CADD – Using Auto CADD and CIVIL 3D – Will need to find out if this is ok. 20% check for survey. Need permission from downtown.
- 3- Need and Purpose – email from Cheyna Dixon (make part of minutes) Reading of need & purpose crash data. City Manager – there is no busing in the city.
- 4- Existing Conditions – all existing problems are addressed (catch basins) – they have traffic data.
- 5- Typical Sections – Paving on 12<sup>th</sup> St. where storm sewer will be put in. Will need approved pavement design analysis. Will also need to follow drainage manual.
- 6- Horizontal & Vertical Alignment – Maintaining grades. Break down design speed by road. Include mile logs. Mention miscellaneous grades.
- 7- Access Controls – N/A
- 8- Right of Way Requirements – All within existing right of way. Still have to go through local right of way process.
- 9- Utilities – List all utilities in concept. DOT handles coordination on state route. Locals handle coordination on local roads. David Moore will talk to Engineering Services to see if one submission/one plan revision will work. Georgia Power has one conflict on Gordon Avenue.  
RAV-Engineering Services has approved one Plan Review as a FFPR.
- 10- Traffic ADT – Use 20 Year Design – Send Abby Ebodaghe.  
RAV-Use counts from RCWEB INFO – Spoke with Ron Wishon of Engineering Services.
- 11- Cost Estimates – Add grading complete.
- 12- Environmental Issues – In non-attainment area for P.M. 5? Environmental report needs to be submitted to Galen. Cemetery on other side of street. Expect to see C. E. Galen needs to contact Jonathan Cox.  
RAV- Environmental Document is assigned to OEL not Galen.
- 13- Permits – Currently working on special encroachment permit. No 404 permit required according to consultants (approval pending), P.C.E. might be possible if no impacts. No water involved. X-Chain pipe. Work within 200' of Stream Buffer but not in it. Use GAR 1000-02. Erosion Control (Total Suspended Solids)
- 14- No UST or Hazardous Waste.
- 15- Soil Survey – not needed. Use policy letter.
- 16- Railroad Conflicts – Project has been shortened to avoid RR. Make sure termini still makes sense.
- 17- Include L & D ( list page of contract)
- 18- Review of Concept Report –
- 19- if no bridge or wall last signature line will come off
- 20- Make sure Italics are removed
- 21- Supervision – local LET, but stimulus required GDOT supervision. Need more info.

July 28, 2009

- 22- Public Involvement – Local officials invited to meeting
- 23- Remove pictures of RR tracks from concept.
- 24- All stimulus projects need to be authorized by September.
- 25- Traffic Ops – ADA Compliance on Side walks
- 26- Project Schedule authorized by September 09. Must have document for plan revision. Hold Plan Review by 27-August.
- 27- DeWayne – ask if we can hold the PFPR

Report –

- 28- If no bridge or wall, take last signature line off.
- 29- Change to IN - non attainment area
- 30- Exempt – Fed oversight
- 31- SR 341 – Functional Classification – must show
- 32- Get Traffic Approved – w/2011 base year and 20 year out
- 33- Posted speeds & speed design
- 34- Mile Posts
- 35- Show Center line on DWGS, w/stations and cross sections
- 36- Is Cacle ok? David to contact Atlanta for permission to accept.
- 37- Page 5 Design Speed what is Posted?
- 38- Permit required for access control
- 39- No easements are to be required
- 40- Must Maintain traffic During construction
- 41- Utility involvements – list all
- 42- Stimulus projects must be authorized by December
- 43- City responsible for relocation of utilities
- 44- Local Let – Stimulus DOT must be involved
- 45- Contractor responsible for Materials Pits
- 46- Concept Meeting Minutes
- 47- No PAR
- 48- Possible TVA – if stream
- 49- Public Involvement – are to invite local officials and public officials
- 50- Comments for meeting
- 51- No other projects in area
- 52- No Rail road involved
- 53- Air Noise – List sent by Greg
- 54- PM 2.9 determination must be done before air report can be completed. (Signed off by Sept. 30 funding lost)  
Chattanooga

Page 3 of 3

July 28, 2009

PI NO. 0009328

- 55- Federal Hwy Document must be signed – Environmental not done this as yet. May be possible min. 60 days – Galen to get w/Jonathan
- 56- Utilities – 90 days, expedite if possible – Stimulus Money on State r/w only – there are 2 utilities (4 sets of copies to Royce) Royce said for them to take care of city utilities. Micro Station sites download from link to DOT.
- 57- DeWayne was told by John Culpepper that there was a phone meeting – they are trying to get a name he talked with John Culpepper in Environmental. Spoke with Mike Murdock NEPA. Alexis John is who they are doing the NEPA with.
- 58- Page 2 remove pictures showing RR crossing
- 59- Dealing w/Alexis John NEPA on Status report
- 60- ADA Compliance must be shown
- 61- ADA letter of Certification.
- 62- R. Watkins stated there is no R/W required- DOT Rick Brock needed a set of DWGS to certify- City Attorney to sign Document
- 63- David to contact Ron Wishon to see if we can hold one meeting for PFPR and FFPR – at district office  
RAV- Received Approval for one FFPR
- 64- After meeting send copy to Chetna Dixon- FHWA
- 65 -David Gave Phillip Schofield a sheet of certifications and said that HY8 for Drainage was to be used to check drainage.
- 66- Rachel to send cost estimate to Cherie so DBE requirement can be obtained from committee  
David- to speak with Ron Wishon – is a design exception needed for Vertical curve when adding a side walk with no road const. – they are following contour of existing road. RAV- NO VC's necessary

Attached sign in sheet

SIGN IN LIST FOR PROJECT CSSTP000900328 WALKER COUNTY  
 CHICKAMAUGA CITY SCHOOLS SIDEWALK PROJECT

P.I. NO. 0009328

CONCEPT TEAM MEETING

JULY 28, 2009

Name	Office/Title	E-Mail
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Galvin Brown	Dist. Eng.	gbrown@DOT.GA.GOV
Rick Beers	Dist. R/W Team Leader	rbeers@DOT.GA.GOV
Mick Workman	" " ASST "	mworkman@DOT.GA.GOV
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Rachel Watkins	CTI Engineers, Inc	rwatkins@ctiengr.com
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GREG EAKER	Georgia Power Co.	geaker@southern.com
Steve Sanders	ATOM	Sanders@dot.ga.gov
Mohamed Arafa	GDOT - Communications	marafa@dot.ga.gov
JEFF POWELL	GDOT, LOCATION	jpowell@dot.ga.gov
M.N Abil Raed	GDOT, TRAFFIC OP	mraed@dot.ga.gov

