

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

**OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE**

FILE P.I. #0007590 **OFFICE** Design Policy & Support
CSHPP-0007-00(590)
GDOT District 5 - Jesup
Evans County **DATE** June 2, 2011
Sidewalks, Lighting & Landscaping in Claxton

FROM  *for* Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED CONCEPT REPORT

Attached is the approved Concept Report for the above subject project.

Attachment

DISTRIBUTION:

Genetha Rice-Singleton, Program Control Administrator
Bobby Hilliard, State Program Delivery Engineer
Cindy VanDyke, State Transportation Planning Administrator
Angela Robinson, Financial Management Administrator
Glenn Bowman, State Environmental Administrator
Kathy Zahul, State Traffic Engineer
Georgene Geary, State Materials & Research Engineer
Ron Wishon, State Project Review Engineer
Jeff Baker, State Utilities Engineer
Ken Thompson, Statewide Location Bureau Chief
Michael Henry, Systems & Classification Branch Chief
Karon Ivery, acting District Engineer & District Utilities Engineer
Brad Saxon, District Preconstruction Engineer
Steve Price, District Environmentalist
Teresa Scott, Project Manager
BOARD MEMBER - 12th Congressional District

DEPARTMENT OF TRANSPORTATION

STATE OF GEORGIA

PROJECT CONCEPT REPORT

Project Number: CSHP-0007-00(590)

County: Evans County

P. I. Number: 0007590

Federal Route Number: 280

State Route Number: 30

Project Description: Project consists of pedestrian space improvements along the north side of Main Street (US 280) from Broad Street east to Peters Street in the City of Claxton.

Submitted for approval:

DATE 12/9/10

David Sprinkle, Robert and Company

DATE 12-10-10

Local Government (if applicable)

DATE 12-13-10

Office Head (Project Manager's Office)

DATE 12-13-10

Project Manager

Recommendation for approval:

DATE 5-24-11

Program Control Administrator

DATE 3-23-11

State Environmental Administrator

DATE 4-1-11

State Traffic Engineer

DATE 3-18-11

Project Review Engineer

DATE 3-31-11

State Utilities Engineer

DATE

District Engineer / District Utilities Engineer

DATE

State Transportation Financial Management Administrator

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).

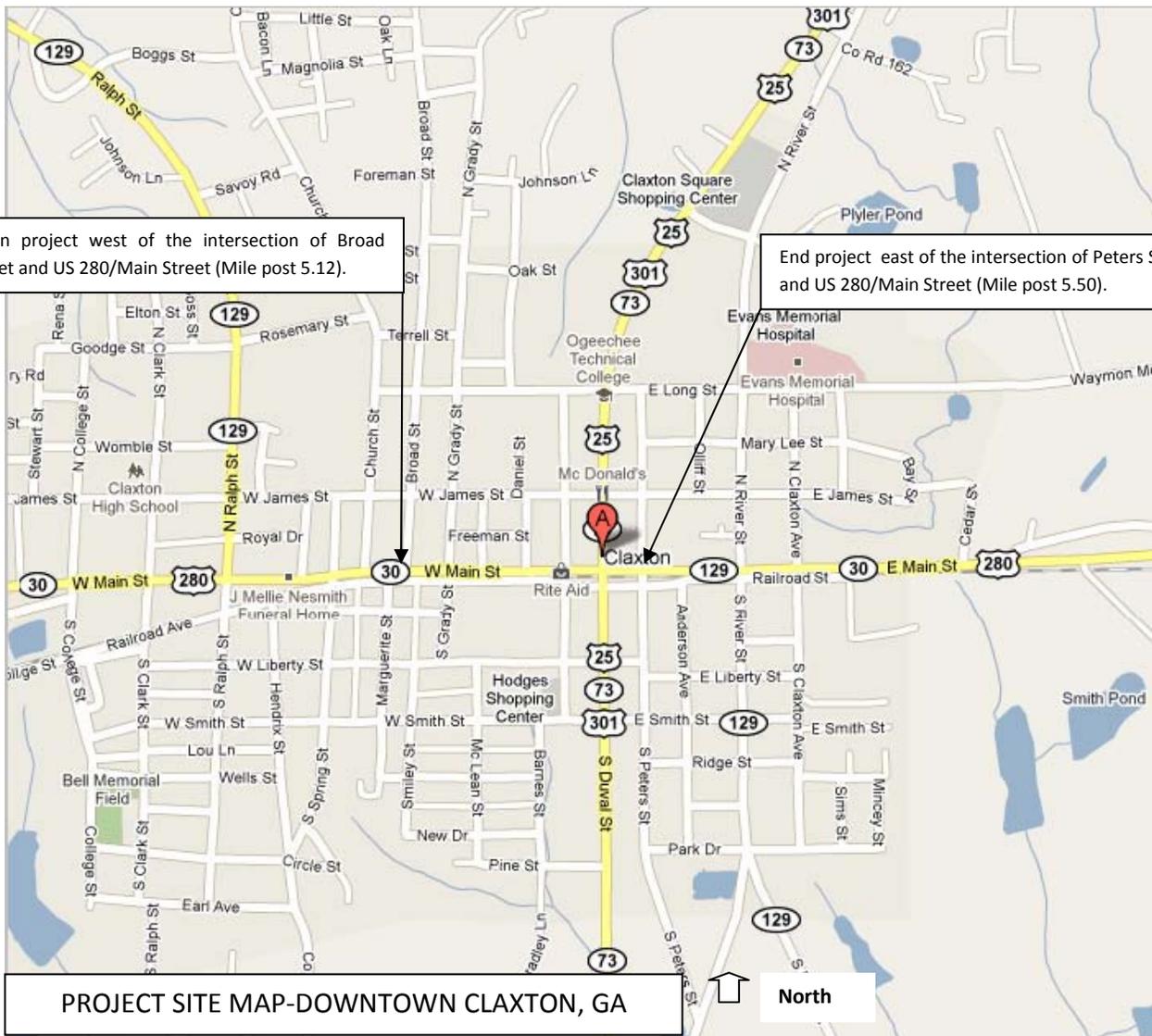
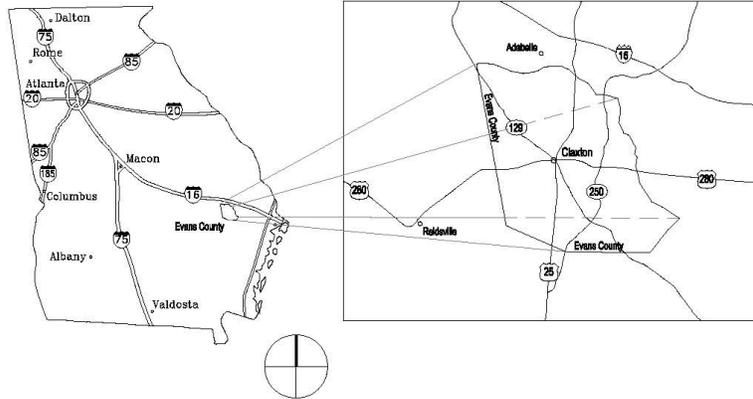
DATE 3-22-11

State Transportation Planning Administrator

* Recommendations on file.

County Location

City Location



PROJECT SITE MAP-DOWNTOWN CLAXTON, GA

Need and Purpose:

The City of Claxton continues to implement downtown streetscape improvements as outlined in their 2003 Master Plan. Main Street (US 280) has been identified as a corridor needing improved pedestrian lighting and pedestrian facilities. The intent is to match earlier phases of the downtown streetscape improvement program which includes decorative pavers, pedestrian amenities such as benches and trash receptacles, and pedestrian lighting. In addition, roadway intersections are in need of crosswalks and ADA accessible ramps. The area most in need of these improvements extends along the north side of Main Street (US 280) from Broad Street to Peters Street. This is the core of the commercial downtown area and streetscape improvements would promote economic opportunity in downtown Claxton.

Description of the proposed project:

Project includes the construction of concrete paver sidewalks along the north side of Main Street (US 280) from Broad Street (Mile post 5.12) approximately 2,000 linear feet east to Peters Street (Mile post 5.50). Existing sidewalks would be replaced with concrete unit pavers to match previous phases of streetscape improvements in downtown Claxton. Concrete curb & gutter placed as part of the ongoing US 280 widening project (PI#522105) would be retained. ADA accessible ramps would be constructed at each intersection within the project area. The project would also include pedestrian-scale street lighting and pedestrian amenities such as benches and trash receptacles.

Is the project located in a PM 2.5 Non-attainment area? ____ Yes X No

Is this project located in an Ozone Non-attainment area? ____ Yes X No

PDP Classification: Major _____ Minor X

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

Functional Classification: Rural Principal Arterial

U. S. Route Number(s): 280 **State Route Number(s):** 30

Traffic (AADT):

- **Base Year:** (2011) 7000 **Design Year:** (2011) 7000

Existing design features:

- **Typical Section:**

Following completion of the ongoing US 280 widening project (PI#522105) Main Street (US 280) will consist of two 11'-wide westbound travel lanes, a 10'-wide center turn lane, and two 11'-wide eastbound travel lanes. There is also a 10'-wide parking lane on north (westbound) side of roadway. GDOT Standard 9032-B curb & gutter will be placed on both sides of roadway. Concrete sidewalks currently exist on the north side of Main St. (widths vary from 5' – 7'). No sidewalk exists on the south side of the roadway. There is currently no pedestrian lighting along the north side of the roadway.

- **Posted speed:** 35 mph
- **Minimum radius for curve:** N/A
- **Maximum super-elevation rate for curve:** N/A
- **Maximum grade:** N/A
- **Width of right-of-way:** Varies from centerline of roadway (US280) to the northern right-of-way boundary: 45-65 feet
- **Major structures:** N/A
- **Major interchanges or intersections along the project:** Duval Street (US 301) @ Main Street (US 280)
- **Existing length of roadway segment:** 2,000 LF

Proposed Design Features:

- **Proposed typical section(s):**
All roadway travel lanes, turn lane, parking lane, and curb and gutter installed as part of US 280 widening project (PI#522105) will be retained in-place. Proposed improvements extend from back of curb to edge of right-of-way on north side of Main Street (US 280). Concrete sidewalks would be replaced with sidewalks constructed of concrete unit pavers to match previous streetscape improvements. New ADA-accessible ramps and thermoplastic crosswalks would be located at roadway intersections. Pedestrian lighting would be located 18" from face of curb (AASHTO minimum standard) to match previous streetscape work. Pedestrian amenities such as benches and trash receptacles would be located within a minimum 2 ft. Building Frontage Zone. A minimum 5 ft. clear zone would be maintained throughout the project area.
- **Proposed Design Speed Mainline:** 35 mph
- **Proposed Maximum grade Mainline:** N/A
- **Maximum grade allowable** N/A
- **Proposed Maximum grade Side Street _____ %:** N/A
- **Maximum grade allowable** N/A
- **Proposed Maximum grade driveway _____ %:** N/A
- **Proposed Maximum degree of curve _____:** N/A
- **Maximum degree allowable _____:** N/A
- **Maximum superelevation rate _____:** N/A
- **Right-of-Way:**
 - **Width:**
Varies 45-65 feet from centerline to north side right-of-way boundary. ROW would remain as is and no new ROW would be required as part of this project.
 - **Easements:** Temporary () Permanent () Utility () Other (). N/A
 - **Type of access control:** Full () Partial () By Permit () Other (). N/A
 - **Number of parcels:** N/A **Number of displacements:** N/A
 - **Business:** N/A
 - **Residences:** N/A
 - **Mobile homes:** N/A
 - **Other:** N/A
- **Structures:** N/A
 - **Bridges** N/A
 - **Retaining walls:** N/A

- **Major intersections, interchanges, median openings and signal locations:**
 Duval Street (US 301) runs north-south and intersects Main Street (US 280) near the eastern end of the project area. No major changes would occur to this intersection. ADA-accessible ramps would be replaced and new sidewalks would tie into existing sidewalks along Duval Street.

- **Transportation Management Plan Anticipated:** Yes () No (X)

- **Design Exceptions to controlling criteria anticipated:**

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

- **Design Variances:** A Design Variance will be required for Lateral Offset to Obstruction for placement of pedestrian scale light poles within the 6-ft. setback as set forth by the GDOT Design Policy Manual.

- **Environmental concerns:**

- History: Project takes place within boundaries of US280/30 Widening Project (PI#522105) and will receive complete review using previous research as background information. Project will be resurveyed and a History Survey Report will be created. A Project Effects Report will also be created.
- Archaeology: The area will not need to be resurveyed because it falls completely within the APE for 522105. A completed short form will be sufficient.
- Air: An Air Quality Impact Assessment Worksheet will be submitted.
- Noise: A Noise Screening Assessment will be submitted.

- **Anticipated Level of environmental analysis:**

- Are Time Savings Procedures appropriate? Yes (X) No ()
- **Categorical exclusion anticipated. (It is also anticipated this project is PCE eligible)**

- **Utility involvements:**

- Power/Electricity: Georgia Power – installation of pedestrian scale lighting system. A long term lighting agreement will be executed between the City of Claxton and Ga. Power. The City will pay a fixed monthly rate for the energy and operation of the lighting system and Ga. Power will provide long term maintenance of the poles and fixtures.

- **VE Study Anticipated** Yes () No (X)

- **Benefit/Cost Ratio:** N/A

Project Cost Estimate and Funding Responsibilities:

	PE	ROW	UTILITY	CST	MITIGATION
By Whom	City of Claxton	N/A	N/A	FHWA	N/A
\$ Amount	\$71,850	N/A	N/A	\$449,950 (Total budget amount allocated for this project)	N/A

Project Activities Responsibilities:

- **Design:** Robert and Company (Engineering Consultant for City of Claxton)
- **Right-of-Way Acquisition:** N/A
- **Right-of-Way funding (real property):** N/A
- **Relocation of Utilities:** N/A
- **Letting to contract:** City of Claxton
- **Supervision of construction:** City of Claxton, GDOT, Georgia Power
- **Providing material pits:** N/A
- **Providing detours:** N/A
- **Environmental Studies/Documents/Permits:** City of Claxton; Robert and Company; New South Associates; Ecological Solutions, Inc.
- **Environmental Mitigation:** N/A

Coordination

- **Concept meeting date and brief summary.**
Meeting held November 8, 2010. See Attachment 4 for Minutes of Meeting.
- **Public involvement.**
City of Claxton approved a Downtown Improvements Master Plan in 2003. Stakeholder/public input was a component of the master plan approval process. This project would implement a portion of the improvements outlined in the plan.
- **Other projects in the area.**
US 280/30 Main Street Road Widening Project (PI# 522105). The contractor is aware of the proposed sidewalk improvements project and understands sidewalks shall not be constructed as part of US 280 widening project. Future coordination between contractors would be critical to insure concrete paver sidewalks and pedestrian scale lighting can be installed following demolition of existing sidewalks and placement of curb & gutter during the 280 widening project.
- No other coordination required.

Scheduling – Responsible Parties’ Estimate

- **Time to complete the environmental process:** Current – June 2011
- **Time to complete preliminary construction plans:** March 1, 2011 – July 1, 2011
- **Time to complete right-of-way plans:** N/A
- **Time to complete the Section 404 Permit:** N/A
- **Time to complete final construction plans:** June 1, 2011 – November, 2011
- **Time to complete to purchase right-of-way:** N/A

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Project Number: CSHPP-0007-00(590)
P. I. Number: 0007590
County: Evans

- List other major items that will affect the project schedule: N/A

Other alternates considered:
(1): No build

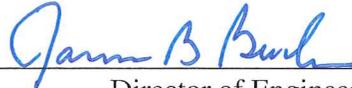
Comments:

No Build Alternate would hamper Claxton's goal of rehabilitating and restoring its downtown into a commercial center. Main Street would not have improvements that match those implemented in earlier phases of streetscape work. There would be no pedestrian lighting along this area of Main Street.

Attachments:

1. Detailed Cost Estimates:
 - a. Construction.
 - b. Right-of-Way. (N/A)
 - c. Utilities. (N/A)
 - d. Environmental Mitigation (EPD, etc)
2. Sketch location map.
3. Typical sections.
4. Minutes of Concept meeting.
5. Letter from Claxton concerning lighting.

Exempt projects

Concur: 
Director of Engineering

Approve: 
Chief Engineer

Date: 5/31/11

ATTACHMENT 1

**DOWNTOWN CLAXTON STREETScape IMPROVEMENTS PHASE 3
PRELIMINARY COST ESTIMATE
CSHPP-0007-00(590)**

September 17, 2010

ITEM	DESCRIPTION	QNTY.	UNIT MEAS.	UNIT PRICE	SUBTOTAL COST	AG. CONST. COST	TOTAL (10% E&I)	REMARKS
1	Demolition & Site Prep:					\$44,660	\$49,000	
	Clearing and Grubbing	1	LS	\$5,000.00	\$5,000			
	Sidewalk Pavement, Base Removal	12,000	SF	\$1.60	\$19,200			
	Saw Cut - Sidewalk Pavement	1,690	LF	\$4.00	\$6,760			
	Remove Signage	10	EA	\$50.00	\$500			Turn over to City
	Finish Grade	12,000	SF	\$1.10	\$13,200			
2	Utility Relocations and Additions:					\$2,000	\$2,000	
	Adjust Water Meter Box/Lid to Finish Grade	20	EA	\$100.00	\$2,000			
3	Paving & Curbing:					\$109,160	\$120,000	
	Unit Pavers on Aggregate Base - Pedestrian	12,720	SF	\$6.00	\$76,320			Assumes 12' wide sidewalk
	Concrete - C.I.P. - 4" - stand. gray	480	SF	\$4.50	\$2,160			Non-Reinforced
	Curb - Concrete Header - 6"x 9"d	1,690	LF	\$12.00	\$20,280			
	ADA Ramps	16	EA	\$500.00	\$8,000			
	Asphalt Patch	960	SF	\$2.50	\$2,400			ADA Ramps
4	Plant Materials:					\$2,800	\$3,000	
	Trees	5	EA	\$400.00	\$2,000			
	Groundcover	200	EA	\$4.00	\$800			
5	Other Miscellaneous Items:					\$168,688	\$186,000	
	Street & Regulatory Signage	5	EA	\$500.00	\$2,500			
	Erosion Control	1	LS	\$10,000.00	\$10,000			
	Benches	5	EA	\$1,500.00	\$7,500			
	Trash Receptacles	5	EA	\$875.00	\$4,375			
	Striping (Thermoplastic)	375	LF	\$3.50	\$1,313			Crosswalks
	Pedestrian Lighting -System Installation	26	EA	\$5,500.00	\$143,000			Supply and install complete system

TOTAL:

General Conditions

\$327,308 \$360,000

\$65,462 \$79,200

\$392,769

\$439,200

All Costs are Order of Magnitude based on October 2010 data

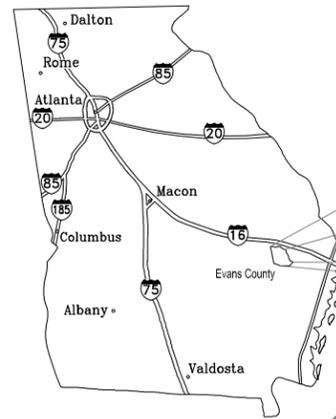
Project Location Maps

Phase 3 Downtown Streetscape Improvements HPP
City of Claxton, GA
October 2010

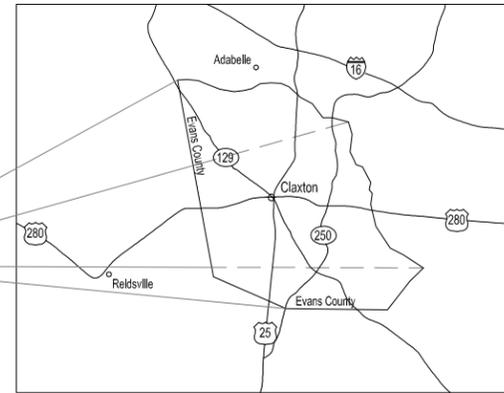


scale: 1" = 150'

County Location

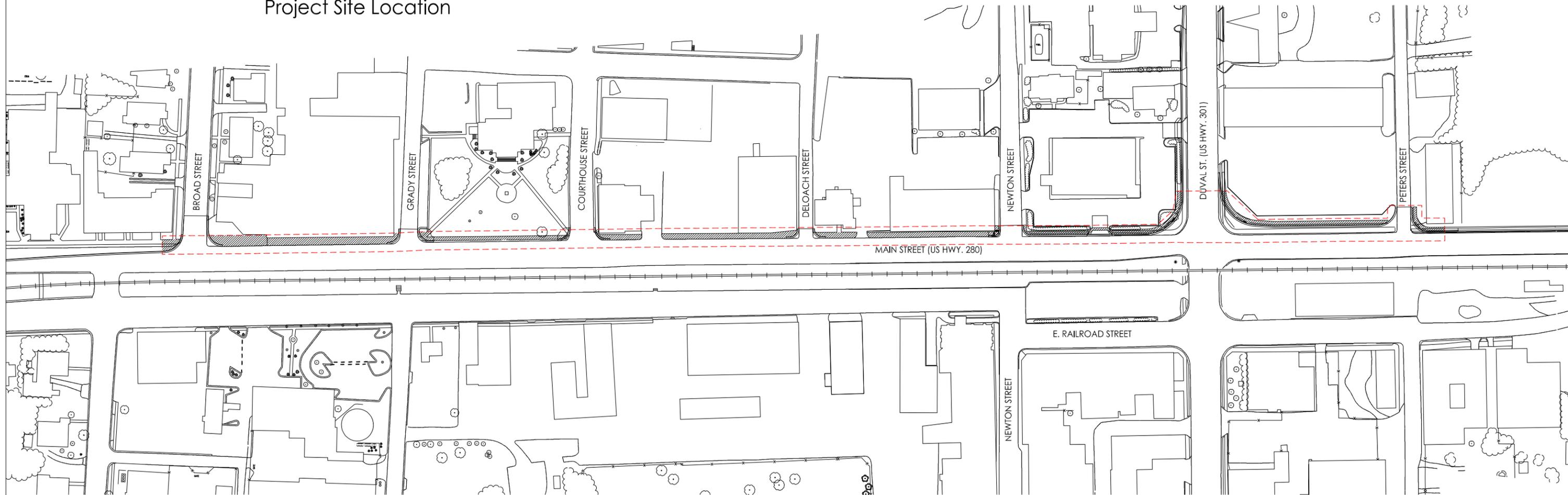


City Location



Attachment 2

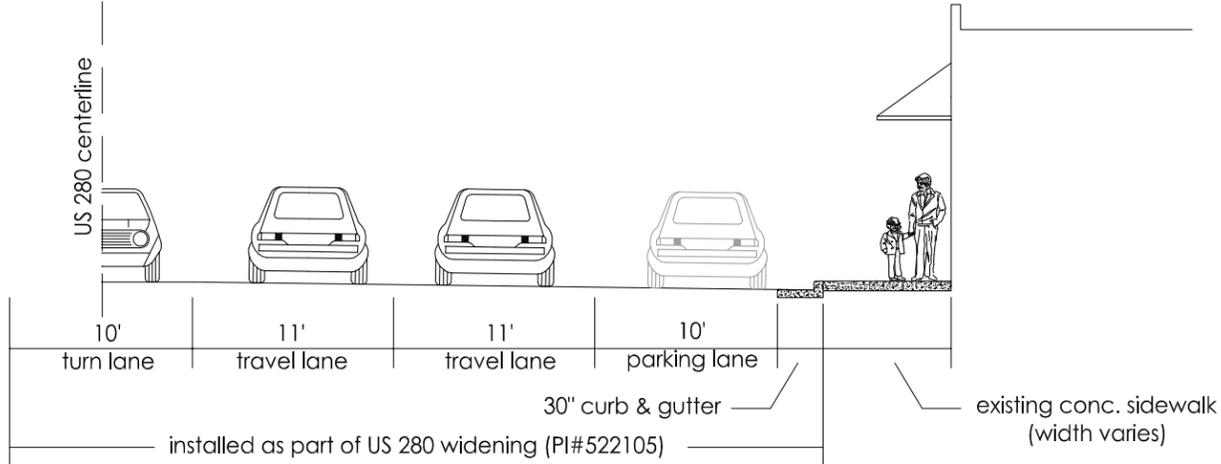
Project Site Location



----- Defines project area: limited to the north sidewalk along Main St. (US Hwy 280) from the intersection of Broad Street, east to the intersection of Peters St.

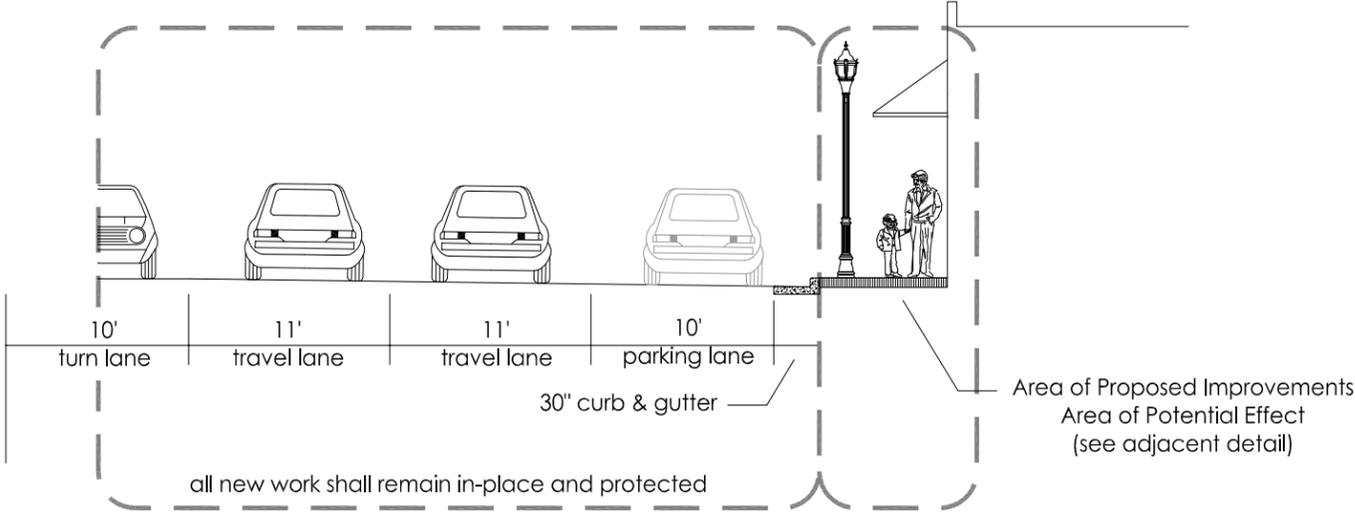
▨ Defines approximate area where concrete unit pavers are to be installed. Crosswalks will be thermoplastic.

Typical Sections
 Phase 3 Downtown Streetscape Improvements HPP
 City of Claxton, GA
 October 2010



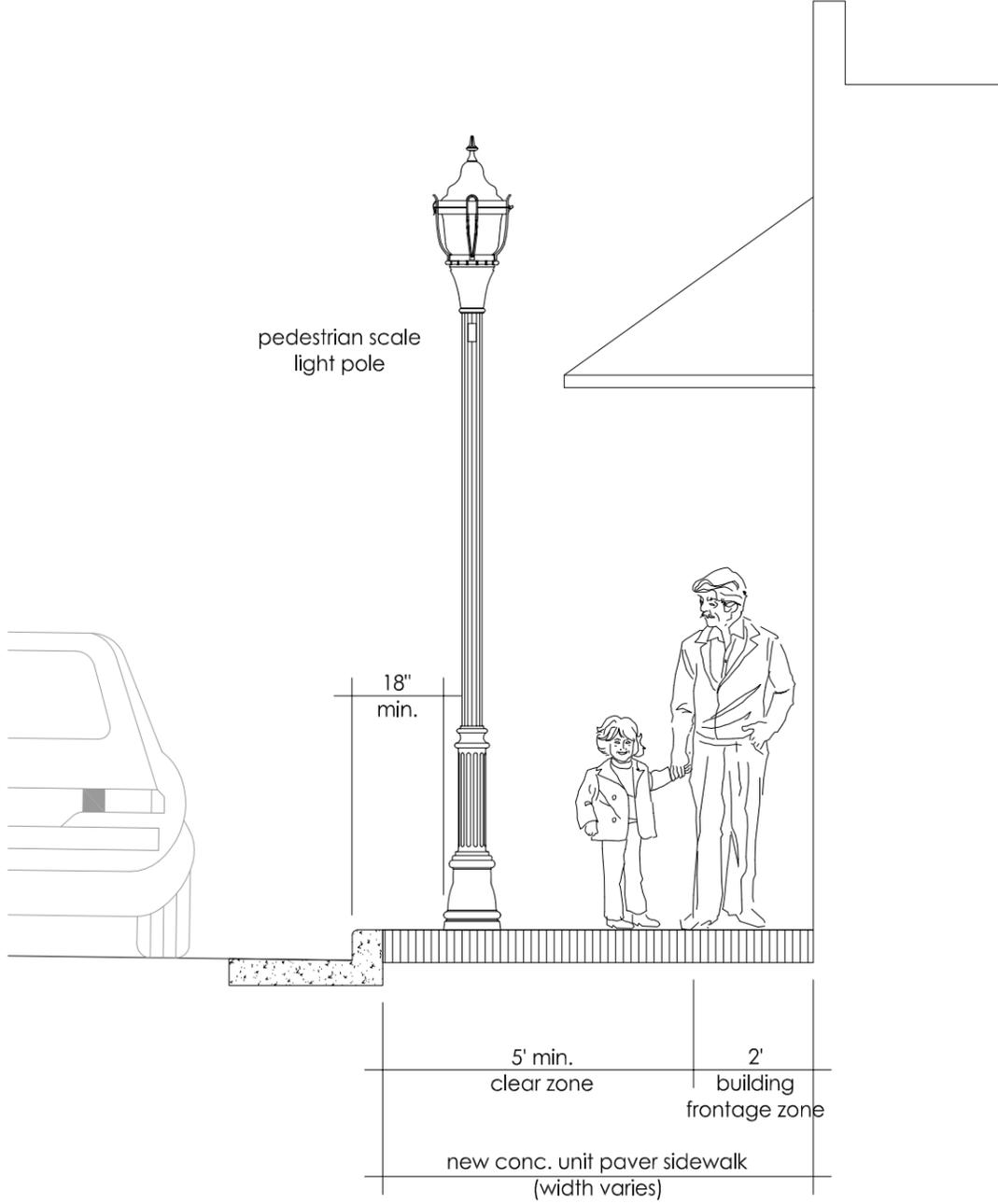
Existing Typical Section - US 280/Main St. looking west

scale: 1" = 10'



Proposed Typical Section - US 280/Main St. looking west

scale: 1" = 10'



Proposed Typical Section - enlarged view

not to scale

Robert and Company

Engineers, Architects, Planners
229 Peachtree Street, NE
International Tower, Suite 2000
Atlanta, Georgia 30303
(404) 577-4000 FAX: (404) 577-7119

SUBJECT: Concept Presentation Meeting

DATE & TIME: November 8th, 2010

PROJECT: Downtown Streetscape Improvements, Phase 3 - HPP
City of Claxton, Evans County, GA
CSHPP-0007-00(590); P.I. Number 0007590

ATTENDANCE:

City of Claxton	Luther Royal Gayle Durrence
Robert and Company (RAC)	Robert Benson David Sprinkle*
GA DOT	Theresa Scott Keron Ivery Steve Price C.R. Jackson Jason Hendley
GA Power	Mark Holcombe Randy Mayfield
McClendon Enterprises	Adam Lee
Heart of GA Regional Comm.	Jason Cobb

* Please notify the author of any discrepancies within the meeting minutes.

Meeting Minutes

General:

1. An Initial Concept Team Meeting was held to discuss the above referenced project.
2. Robert and Company briefly presented the Concept Report and discussed the project location, need and purpose, description of the proposed project and proposed design features.
3. All environmental documentation shall be submitted to the District Environmentalist, Steve Price. After review, he will submit the documentation to the Atlanta office.

4. Estimated completion date of the US 280 Widening Project (#522105) is October 2012. It is estimated that work will begin in the vicinity of the HPP project area in October/November 2011.
5. GDOT Construction staff indicated sidewalks would have to be replaced under the current US 280 widening construction contract following demolition and associated utility improvements if the HPP project is delayed.
6. Continued coordination between the two projects is critical. The construction contractor for the HPP must be prepared to begin work after McClendon Enterprises completes demolition and utility upgrades.
7. Lighting plans shall be submitted as part of the preliminary construction plan submittal.
8. The City of Claxton is authorized to contract directly with Georgia Power Outdoor Lighting to supply and install the pedestrian scale lighting system. HPP funds can be used to pay Georgia Power for these services. Theresa Scott to verify.

Gayle K. Durrence
City Administrator/City Clerk
Fax: (912) 739-0848

LUTHER W. ROYAL
Mayor

MAYOR PROTEM
James H. Waters

CITY COUNCIL
Robert E. Benjamin
Dean O. Cameron
Tina Hagan
Melburn B. Kelly
Jeffery Rogers
James H. Waters
Risher A. Willard

CITY ATTORNEY
William E. Callaway, Jr.

CITY OF CLAXTON

204 West Railroad Street
Claxton, Georgia 30417-0829
(912) 739-1712
Fax: (912) 739-0848
E-mail: utilities@bellsouth.net

March 7, 2011

**Teresa Scott
Ga. Dept. of Transportation
District Planning & Programming Engineer
P.O. Box 610
Jesup, Georgia 31598**

**Re: Downtown Streetscape Improvements, Phase-3 - HPP
CSHPP-0007-00(590); P.I. Number 0007590; Evans County
Georgia Power Lighting Agreement**

Dear Ms. Scott:

The City of Claxton Georgia understands that HPP funding for the above referenced project may be used for the purchase and installation of pedestrian lighting poles, fixtures, bases, conduit, wiring and all other associated equipment and materials proposed for the Phase 3 Streetscape work. The City of Claxton further understands that the City will be responsible for the monthly costs associated with energy consumption, operation, maintenance, etc., via a separate agreement with Georgia Power.

Sincerely,



**Gayle Durrence
City Administrator
City of Claxton**