

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007637, Clarke County
CSHPP-0007-00(637)
North Oconee River Greenway Extension

OFFICE Preconstruction

DATE May 14, 2009

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

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
Russell McMurry
Paul Liles
Robert Mahoney
Neil Kantner
BOARD MEMBER

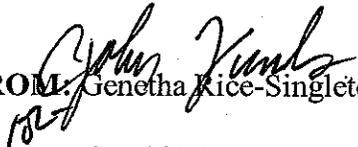
**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: P.I. No. 0007637, Clarke County
CSHPP-0007-00(637)
North Oconee River Greenway Extension

OFFICE: Preconstruction

DATE: May 6, 2009


FROM: Genetha Rice-Singleton, Assistant Director of Preconstruction

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

SUBJECT: PROJECT CONCEPT REPORT

This project is the extension of the existing North Oconee River Greenway in two segments. This project will extend the trail along the North Oconee River between Oak Street and the Oconee Hills Cemetery, as well as between the US 78/SR 10 interchange and the Athens-Clarke County water treatment plant on College Station Road. The unified government of Athens-Clarke County has identified the need to expand options for alternative modes of transportation within the county, especially in the vicinity of downtown Athens and the University of Georgia (UGA) campus. The purpose of this project is to provide connectivity for alternative nodes to the existing greenway, the UGA campus and a future Park and Ride Lot at the SR 10 Loop.

The project consist of the construction of approximately 8035 linear feet (1.52 miles) of multi-use path that generally follows an existing graded sanitary sewer easement adjacent to the North Oconee River, and also traverses a wooded, undeveloped parcel owned by UGA adjacent to the SR 10 Loop. The first segment of the project begins at the parking lot of the existing North Oconee River Greenway and continues along the North Oconee River on the graded sanitary sewer easement until it reaches a destination overlook between the historic Easley's Mill site and the Oconee Hills Cemetery property. Along this portion of the proposed trail, there will be three scenic overlooks, constructed of timber. The second segment of the project begins at the proposed US 78/SR 10 Park and Ride lot and proceeds inside GDOT right-of-way along the westbound SR 10 entrance ramp. The trail then traverses the UGA property while roughly paralleling the SR 10 loop until it reaches a junction point at the North Oconee River, where it will combine with a proposed UGA sponsored TE Grant-Funded pedestrian bridge project to provide a future connection to the UGA campus. The path then continues to the south along the existing graded sanitary sewer easement, and ends at a destination overlook near the existing Athens-Clarke County water treatment facility.

Environmental concerns include requiring a Categorical Exclusion be prepared; a Public Information Open House will be held; 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)	\$1,906,000	\$2,064,800	LY10	2010(proposed)
Right-of-way & Utilities	Local	Local	Local	Local

*Athens-Clarke County signed PFA for PE, right-of-way, utilities, and 20% construction costs/100% over \$2,320,000

I recommend this project concept be approved.

GRS: JDQ
Attachment

CONCUR

Smith Rice-Slyter for Director

Director of Preconstruction

APPROVED

Gerald M. Ross

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

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE: P.I. No. 0007637

OFFICE: Environment/Location

**PROJECT No. CSHPP-0007-00(637) / CLARKE
County**

DATE: 2/19/09

Greenway Enhancement in Athens-Clarke Co. (North Oconee River Greenway Extension).

FROM:  Glenn Bowman, P.E., State Environmental/Location Engineer
TO: Genetha Rice-Singleton, Assistant Director of Preconstruction
SUBJECT: PROJECT CONCEPT REPORT REVIEW

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

1. Eight (8) eligible historic properties, two (2) of which are historic districts, are located in the immediate vicinity of the project corridor. If significant impacts to 4(f) resources cannot be avoided, then the proposed environmental schedule must be revised significantly.
2. The Rails to Trails connection (P.I. No. 0007561) seems to be behind the schedule of this project. Why are these projects not all in the same environmental document? This project needs to be coordinated with FHWA to determine if it has logical termini and independent utility.

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

GB:lc

cc: Ron Wishon
Angela Whitworth
Keith Golden
Angela Alexander
R. McMurry
P. Liles

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

District 1

Project Number CSHPP-0007-00(637)

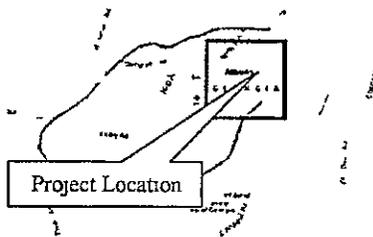
County CLARKE

P I Number 0007637

Federal Route Number N/A

State Route Number N/A

DESCRIPTION Greenway Enhancement in Athens-Clarke County (North Oconee River Greenway Extension)



Recommendation for approval

DATE 1-28-09

Billy Cantrell
Project Manager

DATE 2-2-09

Bill R. McMillin
District Engineer

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

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE 2/19/09

John Bonner
State Environment/Location Engineer

DATE _____

State Traffic Engineer

DATE _____

State Bridge and Structural Design Engineer

DATE _____

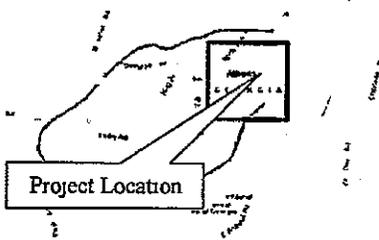
Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 1

Project Number CSHPP-0007-00(637)
County CLARKE
P I Number 0007637

Federal Route Number N/A
State Route Number N/A

DESCRIPTION Greenway Enhancement in Athens-Clarke County (North Oconee River Greenway Extension)



Recommendation for approval

DATE 1-28-09 Billy Cantrell
Project Manager

DATE 2-2-09 Bill R. McManis
District Engineer

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

DATE _____
State Transportation Planning Administrator

DATE _____
Office of Financial Management Administrator

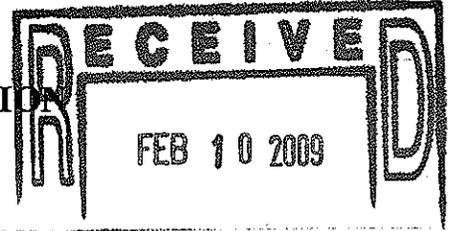
DATE _____
State Environmental Location Engineer

DATE 3-2-09 Heed Gold
State Traffic Engineer

DATE _____
State Bridge and Structural Design Engineer

DATE _____
Project Review Engineer

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
District 1



Project Number CSHPP-0007-00(637)

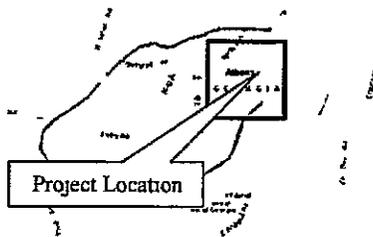
County CLARKE

P I Number 0007637

Federal Route Number N/A

State Route Number N/A

DESCRIPTION Greenway Enhancement in Athens-Clarke County (North Oconee River Greenway Extension)



Recommendation for approval

DATE 1-28-09 Billy Cantrell
Project Manager

DATE 2-2-09 Bill R. McMurry
District Engineer

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

DATE 2-6-09 Angela S. Adams
State Transportation Planning Administrator

DATE _____
Office of Financial Management Administrator

DATE _____
State Environment/Location Engineer

DATE _____
State Traffic Engineer

DATE _____
State Bridge and Structural Design Engineer

DATE _____
Project Review Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

District 1

Project Number CSHPP-0007-00(637)

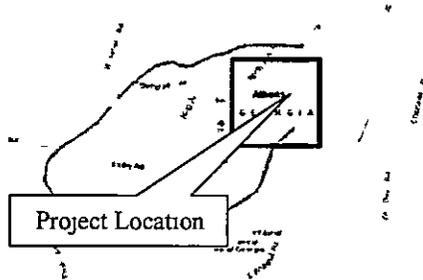
County CLARKE

P I Number 0007637

Federal Route Number N/A

State Route Number N/A

DESCRIPTION Greenway Enhancement in Athens-Clarke County (North Oconee River Greenway Extension)



Recommendation for approval

DATE 1-28-09 Billy Cantrell
Project Manager

DATE 2-2-09 Bill R. McManus
District Engineer

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

DATE _____
State Transportation Planning Administrator

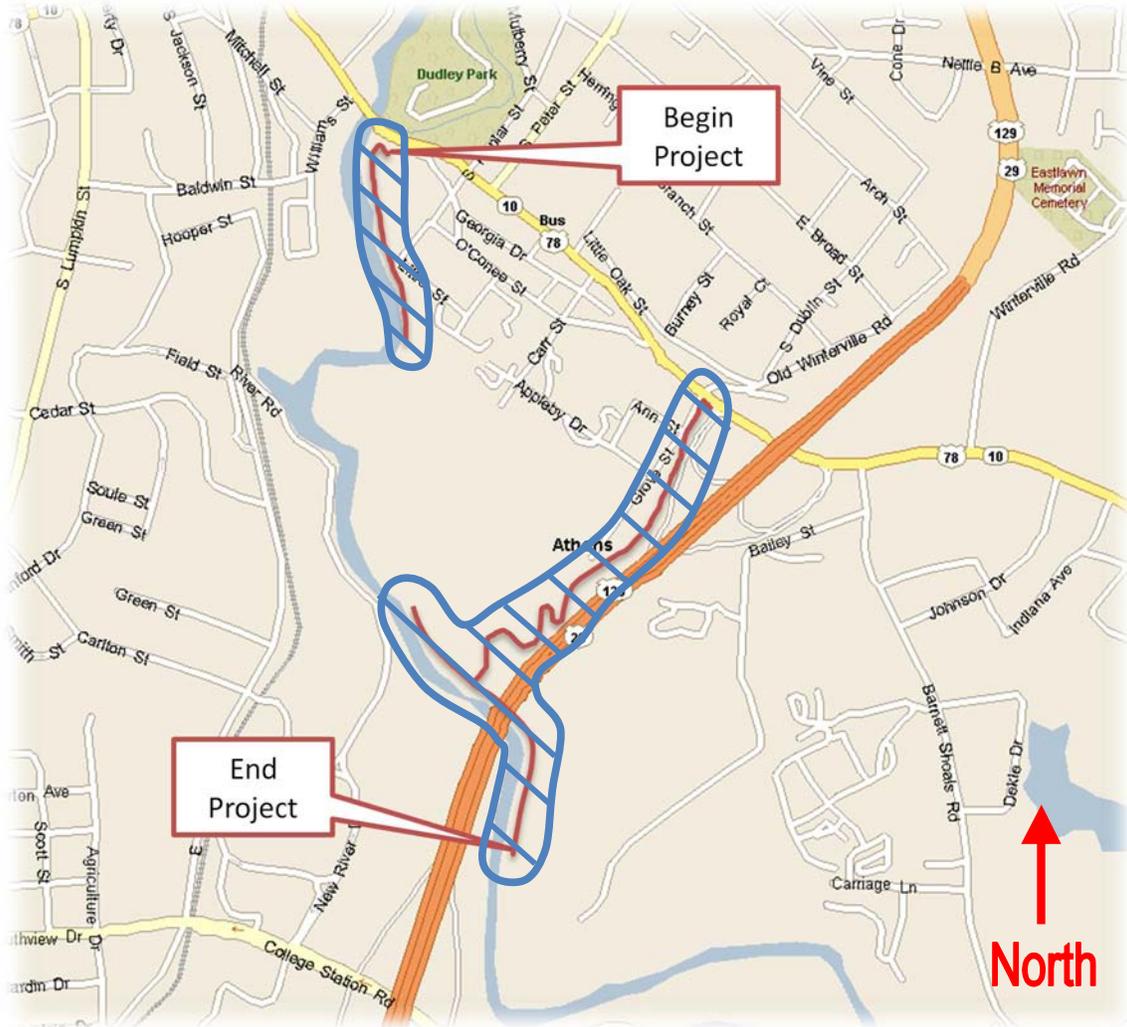
DATE _____
Office of Financial Management Administrator

DATE _____
State Environment/Location Engineer

DATE _____
State Traffic Engineer

DATE _____
State Bridge and Structural Design Engineer

DATE _____
Project Review Engineer

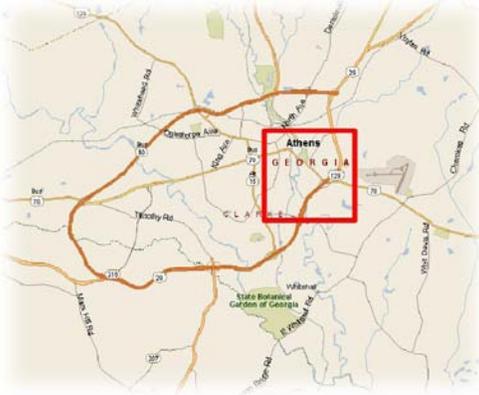


Project Location Map

Project Number: CSHPP-0007-00(637)
P.I. Number: 0007637
Clarke County, GA

North Oconee Greenway Extension Project

Source: Microsoft Streets & Trips 2006



Need and Purpose:

The Unified Government of Athens-Clarke County has identified the need to expand options for alternative modes of transportation within the county, especially in the vicinity of downtown Athens and the University of Georgia (UGA) campus. The general population growth in Athens, as well as the large student population presents a need for alternative mode options. In order to fulfill a commitment to the public to provide enhanced recreation facilities and improved bicycle and pedestrian mobility, this project was identified as part of the 2005 Athens-Clarke County SPLOST program. The purpose of this project is to provide connectivity for alternative modes to the existing greenway, the UGA campus and a future Park and Ride facility at the S.R. 10 Loop. The existing North Oconee River Greenway is a 3.5 mile multiuse path connecting the Sandy Creek Nature Center with downtown Athens and UGA. This project will serve to extend the existing Greenway towards a destination overlook near the historic Easley's Mill Site and the Oconee Hills Cemetery, and will combine with an adjacent proposed Rails-to-Trails project (CSHPP-0007-00(561)), as well as an adjacent proposed Park and Ride facility on U.S. 78 at the S.R. 10 Loop (MTA00-T001-00(904)) to create an extension to the existing system of multi-use facilities on the eastern edge of Athens. As part of Athens-Clarke County's overall bicycle and pedestrian master plan, the project will also provide connectivity between the Park and Ride and the UGA campus by combining with a UGA-sponsored, Transportation Enhancement (TE) Grant-funded project that will construct a new pedestrian bridge over the North Oconee River adjacent to an existing sewer crossing near the S.R. 10 Loop, as well as another future UGA-planned project that would construct a vehicle and pedestrian bridge to provide access across the river to facilities on River Road. In addition to improving non-motorized transportation options, the project will also provide recreation facilities for pedestrians and bikers, and scenic overlooks at destination sites along the trail such as the historic Easley's Mill site. Interpretive signage along the trail will further enhance the experience for users by providing information and insight into the cultural and ecological resources of the surrounding area.

Logical Termini:

The proposed extension of the North Oconee Greenway Trail will be constructed in two segments. Connectivity between the segments will be achieved through connections to the proposed Rails-to-Trails project that parallels U.S. 78/Oak Street between Dudley Park and the S.R. 10 Loop, and the proposed Park and Ride facility on U.S. 78 at the S.R. 10 interchange. The northern terminus of the project is the existing North Oconee Greenway parking lot located on Oak Street just south of the North Oconee River crossing. The first segment of the project will begin at the parking lot and continue to the south along an existing sanitary sewer easement to a destination overlook between the historic Easley's Mill site and the Oconee Hills Cemetery. The second segment of the project begins at the proposed U.S. 78 Park and Ride site, then proceeds inside GDOT right-of-way along the westbound S.R. 10 entrance ramp behind several private residences, then traverses undeveloped UGA property while roughly paralleling the westbound S.R. 10 Loop until it reaches a junction point at the river, then continues to the

south along an existing sanitary sewer easement to a destination overlook near an Athens-Clarke County water treatment facility. The connection between the two segments will begin at the Greenway parking lot on Oak Street, and then follow the existing Greenway across Oak Street to a junction with the Rails-to-Trails project on South Poplar Street. The connection will then follow the Rails-to-Trails route to the east, roughly paralleling Oak Street until it reaches the proposed Park and Ride site near S.R. 10. When complete, trail users will be able to travel along a seamless loop created by the combination of the proposed Greenway extension, the existing Greenway, the Rails-to-Trails route and the Park and Ride facility (See attachment #4 for future facility layout).

Other Projects in the Area:

- Bike Trail in Athens-Clarke County (Rails-to-Trails Connection); GDOT Project No. CSHPP-0007-00(561)
- Park and Ride on U.S. 78 at the S.R. 10 Loop; GDOT Project No. (MTA00-T001-00(904))
- UGA Pedestrian Bridge over the North Oconee River; GDOT TE Grant Project (GDOT project number not yet assigned)

Description of the proposed project:

Project CSHPP-0007-00(637) consists of the construction of approximately 8035 linear feet (1.52 miles) of multiuse path that generally follows an existing graded sanitary sewer easement adjacent to the North Oconee River, and also traverses a wooded, undeveloped parcel owned by UGA adjacent to the S.R. 10 Loop. The first segment of the project begins at the parking lot for the existing North Oconee River Greenway and continues along the North Oconee River on the graded sanitary sewer easement until it reaches a destination overlook between the historic Easley's Mill site and the Oconee Hills Cemetery property. Along this portion of the proposed trail, there will be three scenic overlooks, constructed of timber. The second segment of the project begins at the proposed U.S. 78/S.R. 10 Park and Ride and proceeds inside GDOT Right-of-Way along the westbound S.R. 10 entrance ramp behind several existing homes. The existing right-of-way fence will be relocated to the eastbound side of the trail in order to discourage trail users from leaving the trail corridor and entering the S.R. 10 roadway. An ADA-compliant railing will be constructed along the westbound side of the trail adjacent to the existing homes. The railing will serve as a handrail for users with disabilities, and will also discourage trail users from entering private property. The trail then traverses the aforementioned UGA property while roughly paralleling the S.R. 10 Loop until it reaches a junction point at the North Oconee River, where it will combine with a proposed UGA-sponsored, TE Grant-funded pedestrian bridge project to provide a future connection to the UGA campus. The path then continues to the south along the existing graded sanitary sewer easement, and ends at a destination overlook near the existing Athens-Clarke County water treatment facility. Two timber bridges will be constructed along this portion of the multiuse path, as it crosses over two small tributaries of the North Oconee River. The trail terminus at the water treatment plant will be constructed so as to allow for a future extension of the trail to College Station Road. A spur will also be constructed

as part of this segment of the project, beginning at the aforementioned junction with the river and continuing to the northwest along the existing sanitary sewer easement to a destination overlook near the Oconee Hills Cemetery property. This spur will allow for a future connection with a UGA-planned vehicle bridge that will provide access across the river to facilities on River Road. See attachment #4 for project concept layout.

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

PDP Classification: Major (), Minor (X)

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

Functional Classification: N/A

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

Traffic (ADT):

Base Year: (2008): N/A* Design Year: (2028): N/A*

* Traffic on trail will be limited to bicycle and pedestrian traffic.

Existing design features:

- No existing design features; trail to be constructed on new alignment

Proposed Design Features:

- Proposed Typical Section: One variable width (10 to 14 feet) multiuse path with 4-foot graded shoulders on each side
- Proposed Design Speed: N/A
- Proposed Maximum grade: 5% Maximum grade allowable 10%.
- Prop. Minimum Curve Radius: N/A
- Right of way
 - o Permanent Easement acquisition is anticipated for surface rights along an existing sanitary sewer easement, as well as access across UGA property
 - o Easements: Temporary (X), Permanent (X), Utility (), Other ().
 - o Type of access control: N/A
 - o Number of parcels: 4
 - o Number of displacements:
 - o Business: None
 - o Residences: None
 - o Mobile homes: None
 - o Other: None
- Structures: Two pedestrian bridges over tributaries of the North Oconee River. Six timber overlooks along the multiuse trail.

- Major intersections along the project:
 - Trail crosses under existing S.R. 10 Loop Bridge
 - Trailhead located on U.S. 78 at Future Park and Ride
- Traffic control during construction: Traffic along existing Grove Street, US 78/Oconee Street and the S.R. 10 Loop to be maintained on existing alignment during construction. Temporary lane closures may be utilized where necessary for construction of curb ramps and the trail in areas adjacent to existing streets. No lane closures are anticipated along the S.R. 10 Loop
- 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:
 - A finding of No Historic Properties Affected is expected for the history and archaeology studies.
- Level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (), *add*
 - Categorical exclusion: Anticipated
 - Environmental Assessment/Finding of No Significant Impact(FONSI): ()
 - Environmental Impact Statement (EIS) ()
- Utility involvements:
 - Utility facilities located within the project limits include an existing Athens-Clarke County sewer main and an existing Georgia Power transmission line

VE Study Required: Yes () No (X)

Project responsibilities:

- o Design: Athens-Clarke County
- o Right of Way Acquisition: Athens-Clarke County
- o Relocation of Utilities: Athens-Clarke County
- o Letting to contract: Athens-Clarke County
- o Supervision of construction: Athens-Clarke County
- o Providing material pits: Construction Contractor
- o Providing detours: N/A

Coordination

- Initial Concept Meeting date and brief summary: 01/29/2008 - Minutes Attached
- Concept meeting: 06/11/2008 – Minutes Attached
- P. A. R. meetings, dates and results: None Required
- FEMA, USCG, and/or TVA: N/A
- Public involvement: It is anticipated that a Public Information Open House will be held. Athens-Clarke County has and will continue to coordinate efforts with individual property owners throughout the process
- Local government comments: Concept alignment approved by Athens-Clarke County Mayor and Commission 10/2/2007.
- Other projects in the area:
 - o Rails-to-Trails Project (CSHPP-0007-00(561))
 - o Proposed Park and Ride on U.S. 78 at the S.R. 10 Loop; GDOT Project # (MTA00-T001-00(904))
 - o UGA-sponsored TE Grant Pedestrian Bridge project over the North Oconee River (Project number not yet assigned)
- Other coordination to date: N/A

Scheduling – Responsible Parties’ Estimate

- Time to complete the environmental process: 6 Months.
- Time to complete preliminary construction plans: 6 Months
- Time to complete right of way plans: 3 months
- Time to complete the Section 404 Permit: N/A
- Time to complete final construction plans: 5 Months
- Time to complete to purchase right of way: 6 months
- List other major items that will affect the project schedule: None Anticipated

Alternates considered: (1) Construct multiuse facility from existing North Oconee River Greenway parking lot along the graded sanitary sewer easement adjacent to the North Oconee River to the proposed Easley’s Mill destination overlooks. Construct a multiuse facility beginning at the proposed Park and Ride facility at U.S. 78 and the S.R. 10 Loop, continuing inside GDOT Right-of-Way along the S.R. 10 westbound entrance ramp, then traversing wooded, undeveloped UGA property to the river. The multiuse facility would then follow the river southbound along the existing graded sanitary sewer easement and

terminate at a destination overlook near the existing Athens-Clarke County water treatment facility.

(2) Construct multiuse facility from existing North Oconee River Greenway parking lot along the graded sanitary sewer easement adjacent to the North Oconee River to the proposed Easley's Mill destination Overlooks. Construct a multiuse facility beginning at the intersection of U.S. 78 and Oak Street, then continuing to the end of Oak Street via a multi-use sidewalk, then traversing wooded, undeveloped UGA property to the river via a multi-use path. The multiuse facility would then follow the river southbound along the existing graded sanitary sewer easement and terminate at an existing Athens-Clarke County water treatment facility.

(3) No Build.

Comments:

Comparison Summary of Alternates 1-3

Alternate (1) is recommended for this concept.

Alternate (2) is not recommended for this concept because of the improvements that would be necessary along Grove Street to accommodate an 8-foot wide sidewalk suitable for a multi-use path. This would create significant impact to properties along Grove Street, as well as significant increases in construction, right of way, and utility relocation costs.

Alternate (3) is not recommended for this concept. The no-build alternate would not promote alternative non-motorized modes of transportation, provide a place for recreation, or provide enhanced connectivity for greenway users as noted in the Need and Purpose statement.

Attachments:

1. Construction Cost Estimate
2. Typical Sections
3. Location & Design Notice
4. Concept Layout
5. Concept Sketch – Northern Trail Terminus at Proposed Park N' Ride
6. Athens-Clarke County Bicycle and Pedestrian Corridor Map
7. Initial Concept Team Meeting Minutes (1/29/2008)
8. Concept Team Meeting Minutes (6/11/2008)

Athens-Clarke County
N Oconee Greenway Extension
Opinion of Probable Construction Cost
Prepared by: Kimley-Horn and Associates, Inc.
January 2009

Section SITE DEMOLITION					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	10	AC	\$730.00	Temporary Grassing	\$7,300.00
163-0300	4	EA	\$1,720.00	Construction Exit	\$6,880.00
171-0030	32140	LF	\$4.00	Temporary Silt Fence, Type C	\$128,560.00
201-1500	LUMP	LS	\$10,000.00	Clearing & Grubbing	\$10,000.00
Section Sub Total					\$152,740.00

Section GRADING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
210-0100	LUMP	LS	\$150,000.00	Grading Complete	\$150,000.00
500-3201	180	CY	\$833.33	Class B Concrete, Retaining Wall	\$149,999.94
Section Sub Total					\$299,999.94

Section ASPHALT PAVEMENT					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	1367	TON	\$25.00	Gr Aggr Base CRS, Incl Matl	\$34,175.00
402-3190	1307	TON	\$90.00	Recycled Asph Conc 19 MM Superpave, GP 1 or 2, Incl Bitum	\$117,630.00
Section Sub Total					\$151,805.00

Section POROUS PAVEMENT					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-5040	6552	SY	\$6.00	#57 Stone Open-Graded Aggregate, 4 In	\$39,312.00
009-3000	6552	SY	\$24.00	Porous Concrete, 6 In	\$157,248.00
Section Sub Total					\$196,560.00

Section SITE DRAINAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
550-1240	800	LF	\$61.00	Storm Drain Pipe, 24 In, H 1-10	\$48,800.00
550-4124	32	EA	\$450.00	Flared End Section, 24 In, Side Drain	\$14,400.00
603-2180	140	SY	\$47.00	Strn Dumped Rip Rap, TP 3, 12 In	\$6,580.00
603-7000	140	SY	\$5.00	Plastic Filter Fabric	\$700.00
Section Sub Total					\$70,480.00

Section SITE LIGHTING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
681-3600	65	EA	\$4,000.00	Lighting Std, Spcl Design	\$260,000.00
Section Sub Total					\$260,000.00

Section SITE SIGNAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
009-3500	LUMP	LS	\$10,000.00	Miscellaneous Landscape Items (Wayfinding Signage)	\$10,000.00
Section Sub Total					\$10,000.00

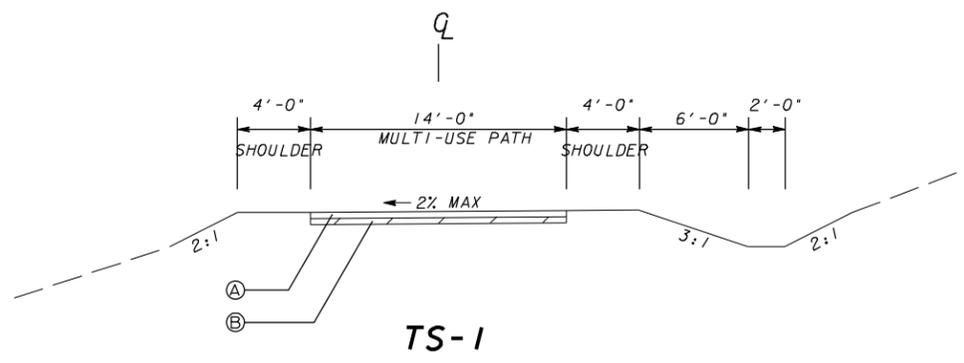
Section SITE OVERLOOKS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #1)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #2)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #3)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #4)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #5)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #6)	\$70,000.00
Section Sub Total					\$420,000.00

Section SITE BRIDGES					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
009-3500	LUMP	LS	\$75,000.00	Miscellaneous Landscape Items - Prefab Ped Bridge #1	\$75,000.00
009-3500	LUMP	LS	\$75,000.00	Miscellaneous Landscape Items - Prefab Ped Bridge #2	\$75,000.00
Section Sub Total					\$150,000.00

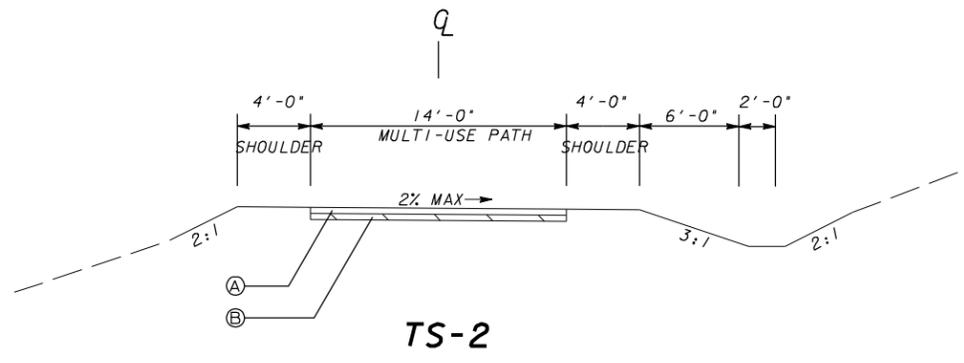
Subtotal	\$1,711,584.94
Contingency 10.00%	\$171,158.49
Construction Total	\$1,882,743.43

RIGHT OF WAY	
	Cost
Easement Outside Floodplain	\$150,000.00
Easement Inside Floodplain Along River	\$75,000.00

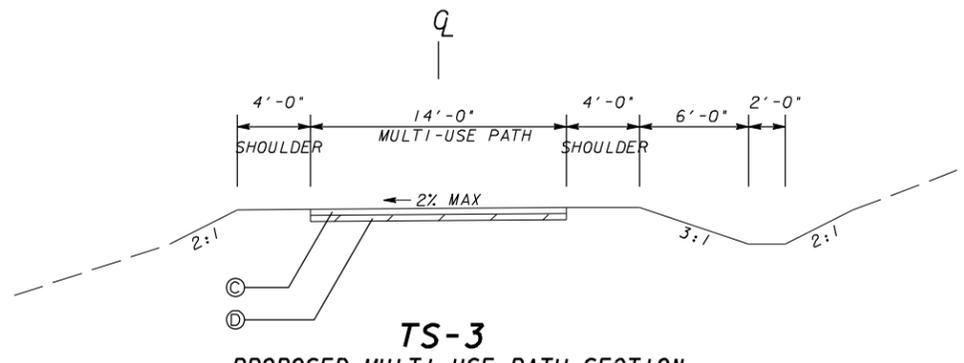
Right-of-Way Total	\$225,000.00
Grand Total	\$2,107,743.43



TS-1
PROPOSED MULTI-USE PATH SECTION
UNDER 5% LONGITUDINAL SLOPE



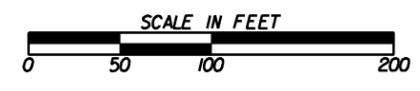
TS-2
PROPOSED MULTI-USE PATH SECTION
OVER 5% LONGITUDINAL SLOPE



TS-3
PROPOSED MULTI-USE PATH SECTION
UNDER 5% LONGITUDINAL SLOPE
WITHIN STREAM BUFFER

- REQUIRED PAVEMENT**
- Ⓐ RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (440 LB/SY)
 - Ⓑ GR AGGR BASE CRS, INCL MATL (4 IN)
 - Ⓒ POROUS CONCRETE (6 IN)
 - Ⓓ *57 STONE OPEN-GRADED AGGREGATE (4 IN)

**Kimley-Horn
and Associates, Inc.**
 Engineering, Planning, and Environmental Consultants
 Suite 600, 3169 Holcomb Bridge Road
 Norcross, Georgia 30071

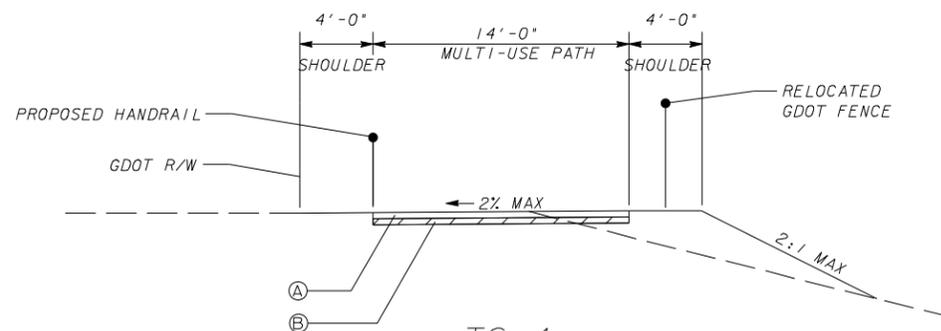


REVISION DATES	

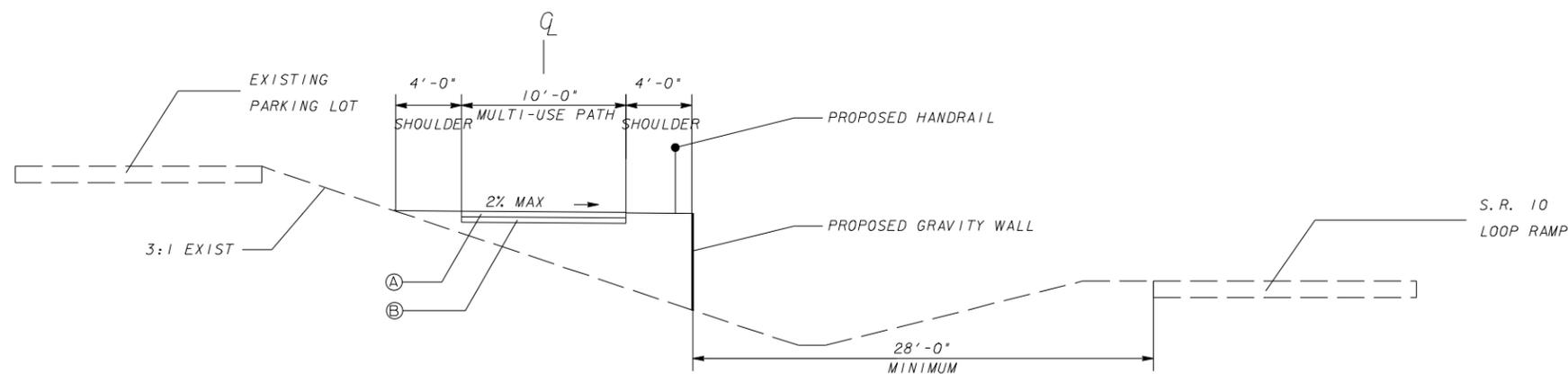
STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION

OFFICE: **TYPICAL SECTIONS**

DRAWING No. _____



TS-4
PROPOSED MULTI-USE PATH SECTION
WITHIN GDOT S.R. 10 LOOP R/W
ADJACENT TO EXISTING RESIDENCES



TS-5
PROPOSED MULTI-USE PATH SECTION
WITHIN GDOT SR 10 LOOP R/W
ADJACENT TO WB SR 10 LOOP ENTRANCE RAMP

REQUIRED PAVEMENT

- Ⓐ RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (440 LB/SY)
- Ⓑ GR AGGR BASE CRS, INCL MATL (4 IN)



REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

OFFICE:

TYPICAL SECTIONS

DRAWING No.

NOTICE OF LOCATION AND DESIGN APPROVAL

GREENWAY ENHANCEMENT IN ATHENS-CLARKE COUNTY

Project Number CSHPP-0007-00(637) Clarke County

P. I. No. 0007637

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 approval is: May 14, 2009

This project is an extension of the existing North Oconee River Greenway and will extend the trail along the North Oconee River between Oak Street and the Oconee Hills Cemetery, as well as between the U.S. 78/S.R. 10 interchange and the Athens-Clarke County water treatment plant on College Station Road. The project will also provide a connection to the historic Easley's Mill Site as well as a proposed Park and Ride on U.S. 78 at S.R. 10. The project lies entirely within Clarke County and Georgia Militia District 216.

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

Johnny Emmett
Area Engineer
450 Old Hull Road
Athens, GA 30601
706-583-2644
jemmett@dot.ga.gov

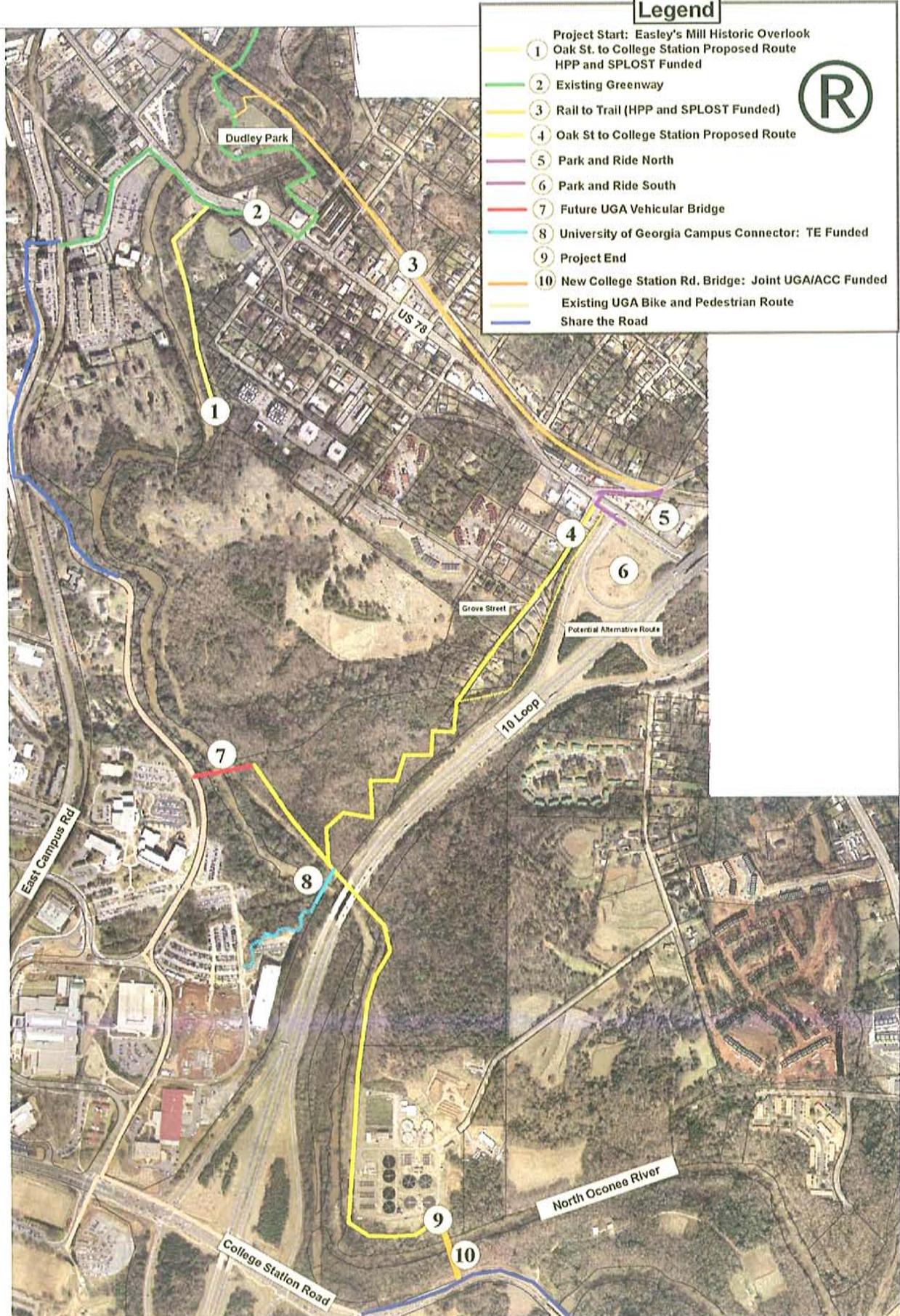
Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Russell McMurry, P.E., District Engineer
Georgia Department of Transportation
2505 Athens Highway, S.E.
Gainesville, GA 30503
770-532-5526
rmmurphy@dot.ga.gov

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.



**UNIFIED GOVERNMENT OF ATHENS-CLARKE COUNTY
PEDESTRIAN/BICYCLE CORRIDOR MAP
for the Easley's Mill Area**



(FOR INFORMATIONAL PURPOSES ONLY)

MEETING MINUTES

Project: Athens Clarke County North Oconee Greenway

Date: January 29, 2008

Attendees:

Derek Doster	JJ&G/ ACC SPLOST Program
Robert Mahoney	GDOT District 1
Sean Johnston	Kimley-Horn and Associates, Inc. (KHA)
Maureen O'Brien	O'Brien & Gere

This meeting was held at the ACC SPLOST office at City Hall to discuss the kickoff of the GDOT plan development process for the North Oconee Greenway Project.

- Robert Mahoney began by discussing the nearby Rails to Trails (R2T) project, which is being designed by O'Brien & Gere.
- Robert noted that the GDOT project manager for both projects is Billy Cantrell, and that the environmental document would be coordinated by Kim Coley, District 1 Environmentalist. He also said that the new FHWA liaison for District 1 is Kelly Wade.
- Robert stressed the importance of developing accurate project cost estimates and schedules during the concept phase, and also expressed the Department's desire to hold a concept team meeting for the project as close to the end of February as possible.
- Derek explained the current status of the Greenway project, including ACC's coordination with the Oconee Hills Cemetery Board. The County decided to remove the section of trail that traverses the cemetery because the Cemetery Board indicated that they may not grant an easement to the county. The County wants to avoid the risk of completing a concept and right-of-way plans, then being unable to acquire easements from the cemetery.
- Because the trail will not traverse the cemetery, the County has proposed to construct two segments. The first segment would begin at Oak Street at the existing North Oconee Greenway parking lot and extend to a destination overlook near the historic Easley's Mill site. The second section of trail would connect the proposed Park and Ride at the SR 10 Loop to the existing water treatment plan property on College Station Road via UGA property and an existing utility easement along the river.
- Robert said that FHWA may ask the County to show connectivity between the two sections of trail. Derek Doster suggested that connectivity could be provided through signage along Oak Street between the existing parking lot and proposed park and ride.
- Sean Johnston suggested that connectivity could be achieved by using the R2T project route. Since the proposed North Oconee Trail typical section is similar to the R2T section, a connection could be

made at the park and ride and at the point where the R2T alignment passes near the existing Greenway Trail. This alternative would create a loop that would begin at the proposed Easley's Mill destination site, then follow the R2T alignment to access the park and ride, then follow the second proposed section of the North Oconee Greenway Trail to access the water treatment site.

- Derek also noted that the proposed TE grant project that was recently awarded to UGA. This project would construct a pedestrian bridge that would connect the existing UGA River Road bike route to the proposed Greenway Trail.
- Sean said that ACC and KHA would need guidance from Kim Coley of GDOT and Kelly Wade of FHWA as to whether it is acceptable from a NEPA standpoint to combine North Oconee Greenway and R2T projects to create a seamless corridor with logical termini.
- Robert said that he would coordinate with Kim Coley to get an answer on the NEPA issue by the end of the week of February 4th. He requested that Derek provide him with a PDF of the proposed route for reference.
- Maureen O'Brien asked about the required public involvement process. Robert said that he anticipated the level of environmental analysis to be a Categorical Exclusion (CE), therefore one Public Information Open House (PIOH) would be sufficient.
- Robert noted that only construction funds are currently programmed in the GDOT STIP, and requested that the County provide a right-of-way estimate so GDOT could track those funds.

These minutes contain the understanding of KHA representatives regarding discussions, decisions, action items, etc. at the meeting.

- 4) Nathaniel O'Kelley, GDOT utilities coordinator, said he would follow up after the meeting to give OBG and Kimley-Horn a list of utility owners on each of the projects.
- 5) Georgia Power noted that coordination with an existing overhead power line would be required near the beginning of the first segment of the Greenway project, in the vicinity of the existing Greenway parking lot on Oak Street and other locations with Georgia Power facilities.
- 6) Kim Coley said that because the rail to trail project is on an abandoned rail bed that the project would be a Section 4(f) and possibly an EA document versus a CE. All railroad beds, tracks, etc. are considered a historic resource. Ms. Coley is going to set up a meeting with FHWA at GDOT's OEL office as soon as possible to discuss this matter. The other 4(f) issue is the Dudley Park tie in to the new multi-use trail. Any park property used for the project would make this a Section 4(f). Suggested that if this was separate from this project, in other words if the Park built the tie in under separate funding or its own funds then this would not be an issue.
- 7) Neil Kantner discussed the bridge requirements. GDOT Bridge Department would need to review the plans for the bridges. Also inquired about any sufficiency rating from CSX railroad on these bridges. OBG will inquire to CSX about any ratings they may have on these bridges.
- 8) Neil Kantner reviewed comments for each project report. Notable comments include:
 - a) Improve location map graphics
 - b) Revise need and purpose section to identify the specific need for the project and how the project purpose fits that need.
 - c) Explain that traffic data is not applicable because the trail is intended for bike and pedestrian use only.
 - d) Remove existing design features and note that the trail is to be constructed on new alignment.
 - e) Ensure that proposed design features meet AASHTO, GDOT and ADA guidelines for bike and pedestrian facilities.
 - f) OBG and Kimley-Horn will coordinate on the Concept Reports formatting and consistency.
- 9) Billy Cantrell noted he would provide Derek Doster with of copies of the reviewed report comments.
- 10) Any prior public involvement completed by Athens Clarke County for the Greenway master plan should be included in the environmental document.
- 11) Neil Kantner suggested that a Public Information Open House may be needed to satisfy the environmental process. While public involvement is not typically required for a Categorical Exclusion, holding a PIOH will help earn FHWA approval.

End of Document

Summary of Costs

Project P.I. No.0007637

Subtotal Construction Cost	\$1,711,584.94
• Engineering & Inspection 5%	\$85,579.24
• Construction Contingency 5%	\$53,914.92
• Total Fuel Adjustment	\$19,131.78
• Total Liquid AC Adjustment	<u>\$35,289.00</u>
 Total Construction Cost	 \$1,905,499.88
• Right-of-Way	Local \$225,000.00
• Reimbursable Utilities	<u>Local 0.00</u>
 Total Project Cost	 \$2,130,499.88

Athens-Clarke County
N Oconee Greenway Extension
Opinion of Probable Construction Cost
Prepared by: Kimley-Horn and Associates, Inc.
January 2009

Section SITE DEMOLITION					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	10	AC	\$730.00	Temporary Grassing	\$7,300.00
163-0300	4	EA	\$1,720.00	Construction Exit	\$6,880.00
171-0030	32140	LF	\$4.00	Temporary Silt Fence, Type C	\$128,560.00
201-1500	LUMP	LS	\$10,000.00	Clearing & Grubbing	\$10,000.00
Section Sub Total					\$152,740.00

Section GRADING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
210-0100	LUMP	LS	\$150,000.00	Grading Complete	\$150,000.00
500-3201	180	CY	\$833.33	Class B Concrete, Retaining Wall	\$149,999.94
Section Sub Total					\$299,999.94

Section ASPHALT PAVEMENT					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-1101	1367	TON	\$25.00	Gr Aggr Base CRS, Incl Matl	\$34,175.00
402-3190	1307	TON	\$90.00	Recycled Asp Conc 19 MM Superpave, GP 1 or 2, Incl Bitum	\$117,630.00
Section Sub Total					\$151,805.00

Section POROUS PAVEMENT					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
310-5040	6552	SY	\$6.00	#57 Stone Open-Graded Aggregate, 4 In	\$39,312.00
009-3000	6552	SY	\$24.00	Porous Concrete, 6 In	\$157,248.00
Section Sub Total					\$196,560.00

Section SITE DRAINAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
550-1240	800	LF	\$61.00	Storm Drain Pipe, 24 In, H 1-10	\$48,800.00
550-4124	32	EA	\$450.00	Flared End Section, 24 In, Side Drain	\$14,400.00
603-2180	140	SY	\$47.00	Sin Dumped Rip Rap, TP 3, 12 in	\$6,580.00
603-7000	140	SY	\$5.00	Plastic Filter Fabric	\$700.00
Section Sub Total					\$70,480.00

Section SITE LIGHTING					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
681-3500	65	EA	\$4,000.00	Lighting Std, Spcl Design	\$260,000.00
Section Sub Total					\$260,000.00

Section SITE SIGNAGE					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
009-3500	LUMP	LS	\$10,000.00	Miscellaneous Landscape Items (Wayfinding Signage)	\$10,000.00
Section Sub Total					\$10,000.00

Section SITE OVERLOOKS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #1)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #2)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #3)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #4)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #5)	\$70,000.00
009-3500	LUMP	LS	\$70,000.00	Miscellaneous Landscape Items (Overlook #6)	\$70,000.00
Section Sub Total					\$420,000.00

Section SITE BRIDGES					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
009-3500	LUMP	LS	\$75,000.00	Miscellaneous Landscape Items - Prefab Ped Bridge #1	\$75,000.00
009-3500	LUMP	LS	\$75,000.00	Miscellaneous Landscape Items - Prefab Ped Bridge #2	\$75,000.00
Section Sub Total					\$150,000.00

Subtotal \$1,711,584.94
 Contingency 10.00% \$171,158.49
Construction Total **\$1,882,743.43**

RIGHT OF WAY	
	Cost
Easement Outside Floodplain	\$150,000.00
Easement Inside Floodplain Along River	\$75,000.00

Right-of-Way Total \$225,000.00
Grand Total **\$2,107,743.43**

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC SECTION 413 5 01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

<http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx>

ENTER APL

ENTER APM

Use this side for Asphalt Emulsion Only		
L I N	TYPE	ASPHALT EMULSION (GALLONS)
TMT =		<input style="width: 100px;" type="text"/>
REMARKS		

Use this side for Asphalt Cement Only		
L I N	TYPE	TACK (GALLONS)
TMT =		<input style="width: 100px;" type="text"/>
REMARKS		

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)

DIESEL PRICE ADJUSTMENT(\$) \$15,841 30

UNLEADED PRICE ADJUSTMENT(\$) \$3,290 48

ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX)

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX \$35,289 00

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

REMARKS	
---------	--

P I Number 0007637

County Clarke

Project Number CSHPP-0007-00(637)

**Special Provision, Section 109-Measurement and Payment
FUEL PRICE ADJUSTMENT (ENGLISH 125% MAX)**

ENTER FPL DIESEL	2 373
ENTER FPM DIESEL	5 339

ENTER FPL UNLEADED	1 566
ENTER FPM UNLEADED	3 5235

INCREASE ADJUSTMENT
125 00%

INCREASE ADJUSTMENT
125 00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 (CUBIC YARD)		0 29		0 15		
Excavations paid as specified by Sections 206 (CUBIC YARD)		0 29		0 15		
GAB paid as specified by the ton under Section 310 (TON)	2809 000	0 29	814 61	0 24	674 16	1367 TN GAB, 6552 SY @ 4"-57 STN
Hot Mix Asphalt paid as specified by the ton under Sections 400 (TON)		2 90		0 71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 (TON)	1307 000	2 90	3790 30	0 71	927 97	19 mm SP
PCC Pavement paid as specified by the square yard under Section 430 (SY)		0 25		0 20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Brdge Excavation (CY) Section 211				8 00		1 50		
Class __Concrete (CY) Section 500	180 00	833 33	149 9994	8 00	1200 00	1 50	225 00	Class B Concrete, Retaining Wall
Class __Concrete (CY) Section 500				8 00		1 50		
Class __Concrete (CY) Section 500				8 00		1 50		
Superstru Con Class__(CY) Section 500				8 00		1 50		
Superstru Con Class__(CY) Section 500				8 00		1 50		
Superstru Con Class__(CY) Section 500				8 00		1 50		
Concrete Handrail (LF) Section 500				8 00		1 50		
Concrete Barrier (LF) Section 500				8 00		1 50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Stru Steel Plan Quantity (LB) Section 501				8 00		1 50		
Stru Steel Plan Quantity (LB) Section 501				8 00		1 50		
PSC Beams____ (LF) Section 507				8 00		1 50		
PSC Beams____ (LF) Section 507				8 00		1 50		
PSC Beams____ (LF) Section 507				8 00		1 50		
Stru Reinf Plan Quantity(LB) Section 511				8 00		1 50		
Stru Reinf Plan Quantity(LB) Section 511				8 00		1 50		
Bar Reinf Steel (LB) Section 511				8 00		1 50		
Piling____inch (LF) Section 520				8 00		1 50		
Piling____inch (LF) Section 520				8 00		1 50		
Piling____inch (LF) Section 520				8 00		1 50		
Piling____inch (LF) Section 520				8 00		1 50		
Piling____inch (LF) Section 520				8 00		1 50		
Piling____inch (LF) Section 520				8 00		1 50		
Drilled Caisson,____ (LF) Section 524				8 00		1 50		
Drilled Caisson,____ (LF) Section 524				8 00		1 50		
Drilled Caisson,____ (LF) Section 524				8 00		1 50		
Pile Encasement,____(LF) Section 547				8 00		1 50		
Pile Encasement,____(LF) Section 547				8 00		1 50		
SUM QF DIESEL=				5804 91	SUM QF UNLEADED=		1827 13	
DIESEL PRICE ADJUSTMENT(\$)					\$15,841 30			
UNLEADED PRICE ADJUSTMENT(\$)					\$3,290 48			

**Athens-Clarke County Rail to Trail (R2T) Project [CSHPP-0007-00(561)]
&
Athens-Clarke County Greenway (NORG) Project [CSHPP-0007-00(637)]**

CONCEPT TEAM MEETING MINUTES:

Meeting Date: Wednesday, June 11, 2008, 1:30 pm
Location: GDOT District 1 Office

Minutes Issued: July 17, 2008

Attendees:

Neil Kantner, GDOT/District 1
Bill Cantrell, GDOT/District 1
Kim Byers, GDOT ROW
Nathaniel O'Kelley, GDOT Utilities
Jack Dokter, Georgia Power
Mike Alexander, AGL
Michael D. Johnson, GDOT TO
Brent Cook, GDOT District Traffic Eng.
Sean Johnston, Kimley-Horn
Sherry Moore, ACC
Mike Wharton, ACC
Derek Doster, ACC
Gary Newton, Kimley-Horn
Jerry Oberholtzer, OBG
Maureen O'Brien, OBG

Meeting Overview:

- 1) Billy Cantrell defined the purpose of the meeting and then introductions of attendees.
- 2) Introduction of Projects:
 - a) Maureen O'Brien gave a brief description of the Rail to Trail Project.
 - The bike trail will be constructed in one segment to combine the park and ride, the proposed greenway trail, Dudley Park, and existing trails to provide enhanced bike and pedestrian connectivity east of downtown Athens.
 - b) Sean Johnston gave a brief description of the Greenway project.
 - The greenway trail will be constructed in two segments, providing destination overlooks along the N. Oconee River, and combine with the existing greenway, the proposed Rails to Trails project, park and ride, and UGA pedestrian and vehicle bridges to provide enhanced bike and pedestrian connectivity east of downtown Athens.
- 3) It was noted that both projects provide connectivity for the Athens-Clarke County pedestrian/bicycle corridor plan for the area.