

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

TE PROJECT CONCEPT REPORT

GDOT Project Number: CSTEE-0009-00(057), CSTEE-0009-00(056)

GDOT P.I. Number: 0009057, 0009056

FEDERAL FUNDS: \$1,960,000 MATCHING FUNDS: \$490,000

FISCAL YEAR PROPOSED: 2011

PROJECT SPONSOR: City of Roswell, Georgia

**CONTACT PERSON: Joe Glover, (770) 641-3705
Director Roswell Parks and Recreation**

Date of Report: January 29, 2010

The undersigned have reviewed the concept report:

Date State Transportation Planning Administrator

2.10.10 *Katrina Bahul for*

Date State Traffic Safety and Design Engineer

Date District Engineer

Date State Environmental/Location Engineer

This project concept is contained in the Regional Transportation Program (RTP) and/or in the State Transportation Improvement Program (STIP). The concept as presented herein and submitted for approval is consistent with that which is included in the RTP and/or STIP. (Information copies have been provided to the following offices: Engineering Services, Maintenance, Road Design, Urban Design, Bridge Design, and Right-of-Way. Their comments are welcomed.)

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

TE PROJECT CONCEPT REPORT

GDOT Project Number: CSTE-0009-00(057), CSTE-0009-00(056)

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PROJECT SPONSOR: City of Roswell, Georgia

**CONTACT PERSON: Joe Glover, (770) 641-3705
Director Roswell Parks and Recreation**

Date of Report: January 29, 2010

The undersigned have reviewed the concept report:

Date State Transportation Planning Administrator

Date State Traffic Safety and Design Engineer

2/15/10 *Ben Hoyle*
Date District Engineer

Date State Environmental/Location Engineer

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FISCAL YEAR PROPOSED: 2011

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**CONTACT PERSON: Joe Glover, (770) 641-3705
Director Roswell Parks and Recreation**

Date of Report: January 29, 2010

The undersigned have reviewed the concept report:

Date State Transportation Planning Administrator

Date State Traffic Safety and Design Engineer

Date District Engineer

2/2/2010 *Glenn Bonner*
Date State Environmental, ADMINISTRATOR

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**CONTACT PERSON: Joe Glover, (770) 641-3705
Director Roswell Parks and Recreation**

Date of Report: January 29, 2010

The undersigned have reviewed the concept report:

2/10/10 *Angela S. Alexander*
Date State Transportation Planning Administrator

Date State Traffic Safety and Design Engineer

Date District Engineer

Date State Environmental/Location Engineer

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TE PROJECT COMMON NAME: City of Roswell Riverwalk Project Phases IV & V

TE PROJECT LOCATION: This project is located in Roswell, Georgia, on the Western side of the City. This portion of the project begins at the Chattahoochee Nature Center boardwalk on Willeo Road and continues down Willeo Road to the Fulton County/Cobb County line. The nearest State Routes are Highway 120 to the north and Highway 9 to the east.

TE PROJECT CONCEPT: The proposed project involves constructing a recreational trail along a 3,400-foot linear strip of ROW adjacent to the northern bank of the Chattahoochee River in the City of Roswell, Fulton County, Georgia. This project is a piece of an overall project that runs from Don White Park to Azalea Drive and along Willeo Road to the Cobb county line. This portion of the project begins on Willeo Road at the Chattahoochee Nature Center boardwalk and continues to the Fulton County/Cobb County line. This project will conform to the provisions of the Americans with Disabilities Act (ADA).

PROPOSED TYPICAL SECTION: There are two types of construction that will be used for this trail. For the at grade sections a twelve foot (12') concrete trail will be used and for the trail through the environmentally sensitive sections will be an elevated wooden boardwalk. Please see attachment(s) for additional information.

MAJOR STRUCTURES: None

PERMITS REQUIRED: Due to the proposed involvement of the NPS property, an Environmental Assessment (EA) must be prepared to comply with the National Environmental Policy Act (NEPA). In addition, a permit from the U.S. Army Corps of Engineers (USACE) will be required for impacts associated with the trail and a stream buffer variance from the Georgia Environmental Protection Division (EPD) will be required. City of Roswell Land Disturbance Permit will also be required.

LEVEL OF ENVIRONMENTAL ANALYSIS: Environmental Assessment (EA)

SECTION 4(f)/SECTION 106 INVOLVEMENT: N/A

OTHER KNOWN OR SUSPECTED ENVIRONMENTAL ISSUES: None

LEVEL OF PUBLIC INVOLVEMENT: National Park Service meeting - June 19, 2007,
Riverkeeper Meeting - June 22, 2009

DESIGN STANDARDS TO BE USED: AASHTO, GDOT, ADA

DESIGN VARIANCES REQUIRED: None identified at time of report

OTHER GDOT PROJECTS IN IMMEDIATE VICINITY OF TE PROJECT: None

CONCEPT TEAM MEETING HELD AND PERSONS PRESENT: June 16, 2007, Charles McMillan (AEC), Jeff Pruitt (City of Roswell), Joe Glover (City of Roswell), David Smith (Ecological Solutions), Stephanie Sorenson (Ecological Solutions) Jim Hughes (NPS)

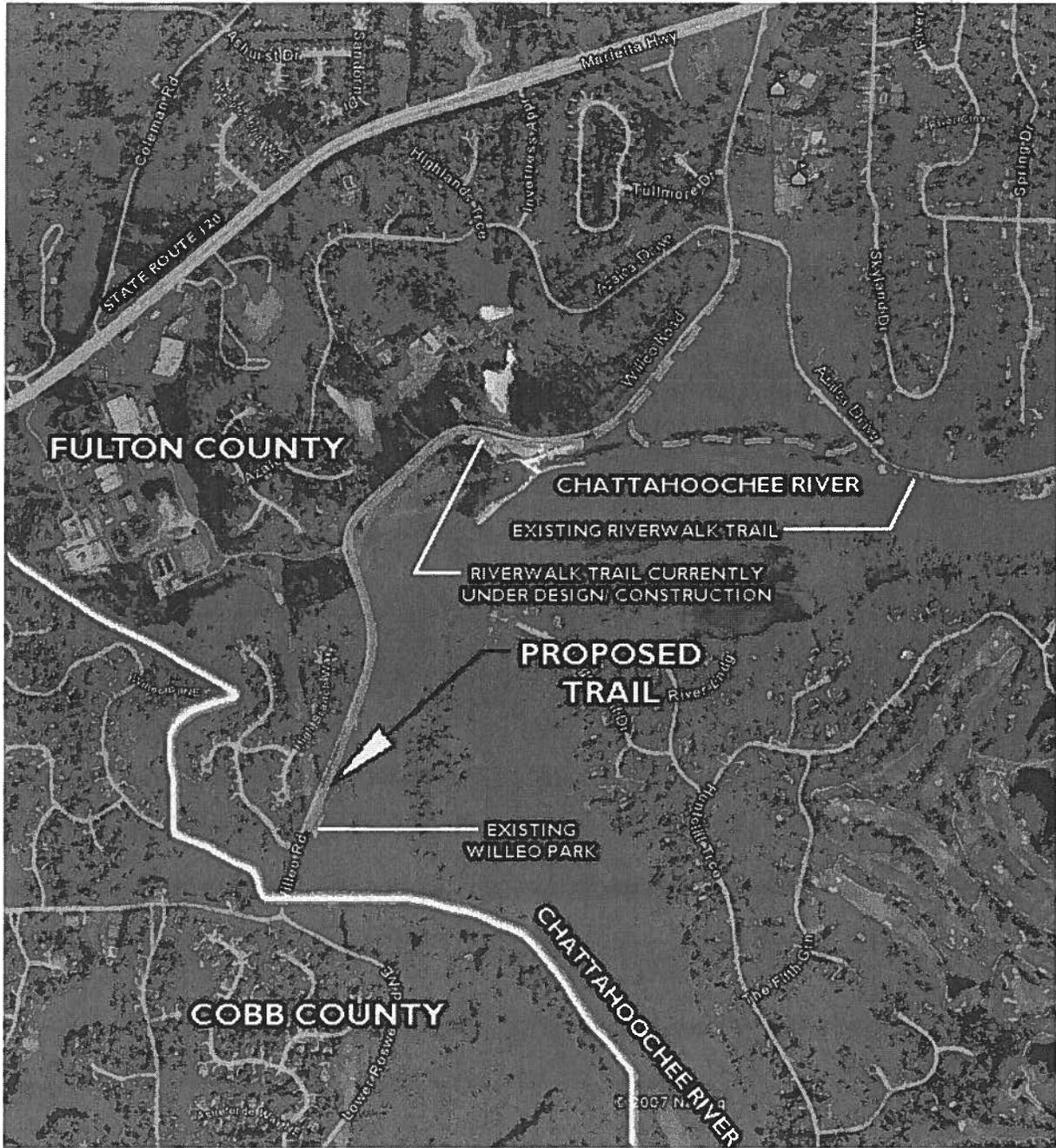
FIELD REVIEW HELD: None

RAILROAD INVOLVEMENT: None

UTILITIES: None identified at the time of report

COMMENTS: None

ATTACHMENTS: Project Area Map, Project Layout, Cost Estimate, Proposed Typical Sections



Project Area Map
N.T.S.



Conceptual Cost Estimate- CIVIL/ SITE

AEC Job # 09-2891

Roswell Willeo Trail Boardwalk/Side Walk

Phase 5

27-Jan-10

ITEM	UNIT	QNTY	UNIT COST	TOTAL COST
GENERAL CONDITIONS				
MOBILIZATION	LS	1	\$25,000.00	\$25,000.00
GEOTECHNICAL & TESTING	LS	1	\$35,000.00	\$35,000.00
TRAFFIC CONTROL	LS	1	\$25,000.00	\$25,000.00
			SUBTOTAL	\$85,000.00
SITE PREPARATION				
STAKING	LS	1	\$10,000.00	\$10,000.00
GRASSING (CONVENTIONAL)	AC	0.90	\$8,000.00	\$7,200.00
			SUBTOTAL	\$17,200.00
BOARDWALK - GENERAL BREAKDOWN				
BOARDWALK 12' WIDE ELEVATED +/-3'-5'	SF	20040	\$97.00	\$1,943,880.00
SIDE WALK 12' WIDE	SF	21216	\$16.00	\$339,456.00
			SUBTOTAL	\$2,283,336.00
EROSION CONTROL & MAINTENANCE				
TREE PROTECTION FENCE BOTH SIDES OF				
SIDE WALK	LF	2285	\$2.00	\$4,570.00
(2)SILT FENCE TYPE "C" ALONG SIDEWALK	LF	1290	\$10.00	\$12,900.00
CONSTRUCTION EXITS @ EACH ACCESS POINT	EA	4	\$5,000.00	\$20,000.00
HAYBALE CHECKDAMS	LF	200	\$10.00	\$2,000.00
MAINTENANCE & INSPECTION	LS	1	\$25,000.00	\$25,000.00
			SUBTOTAL	\$64,470.00

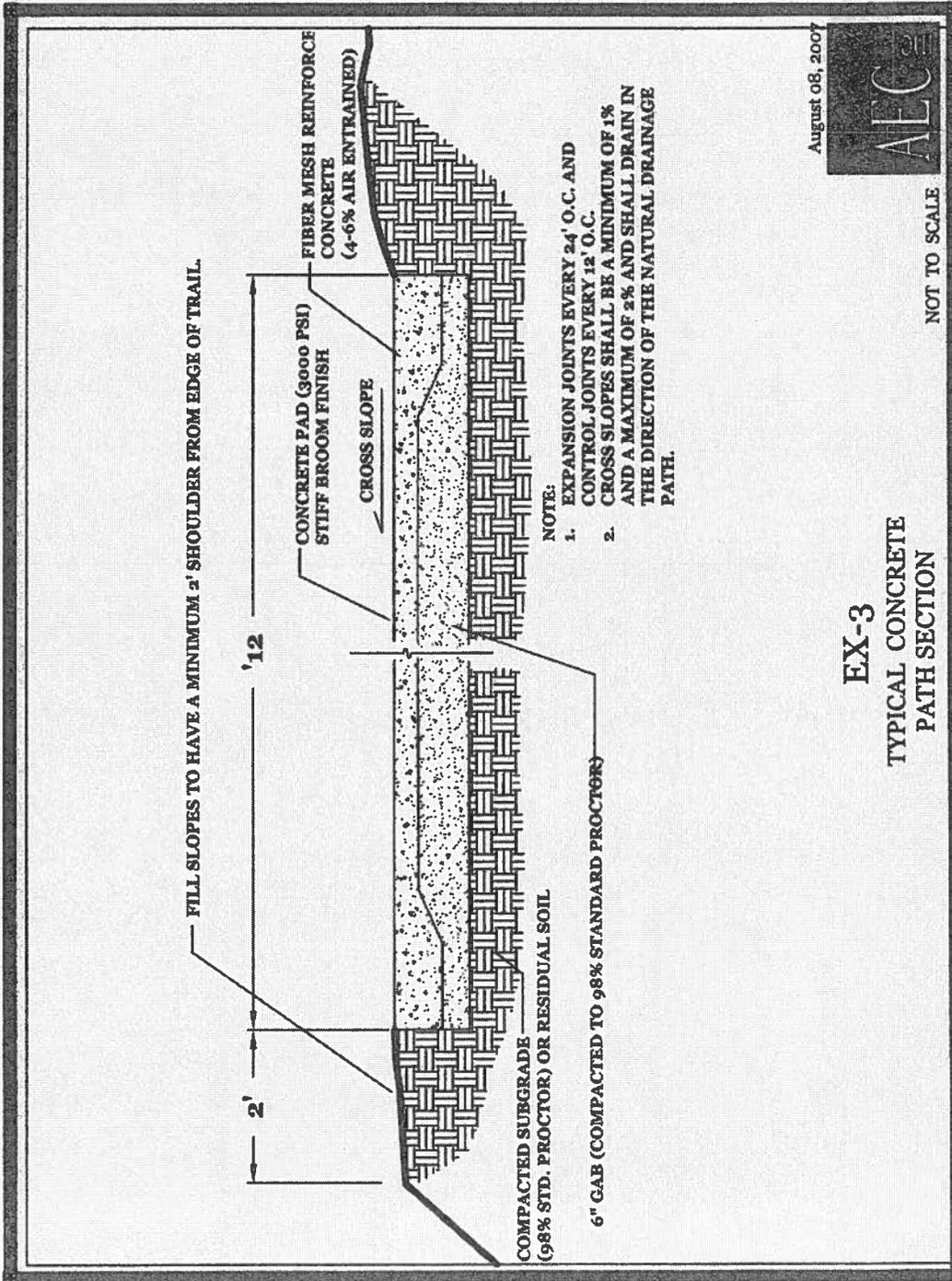
PROJECT TOTAL

\$2,450,006.00

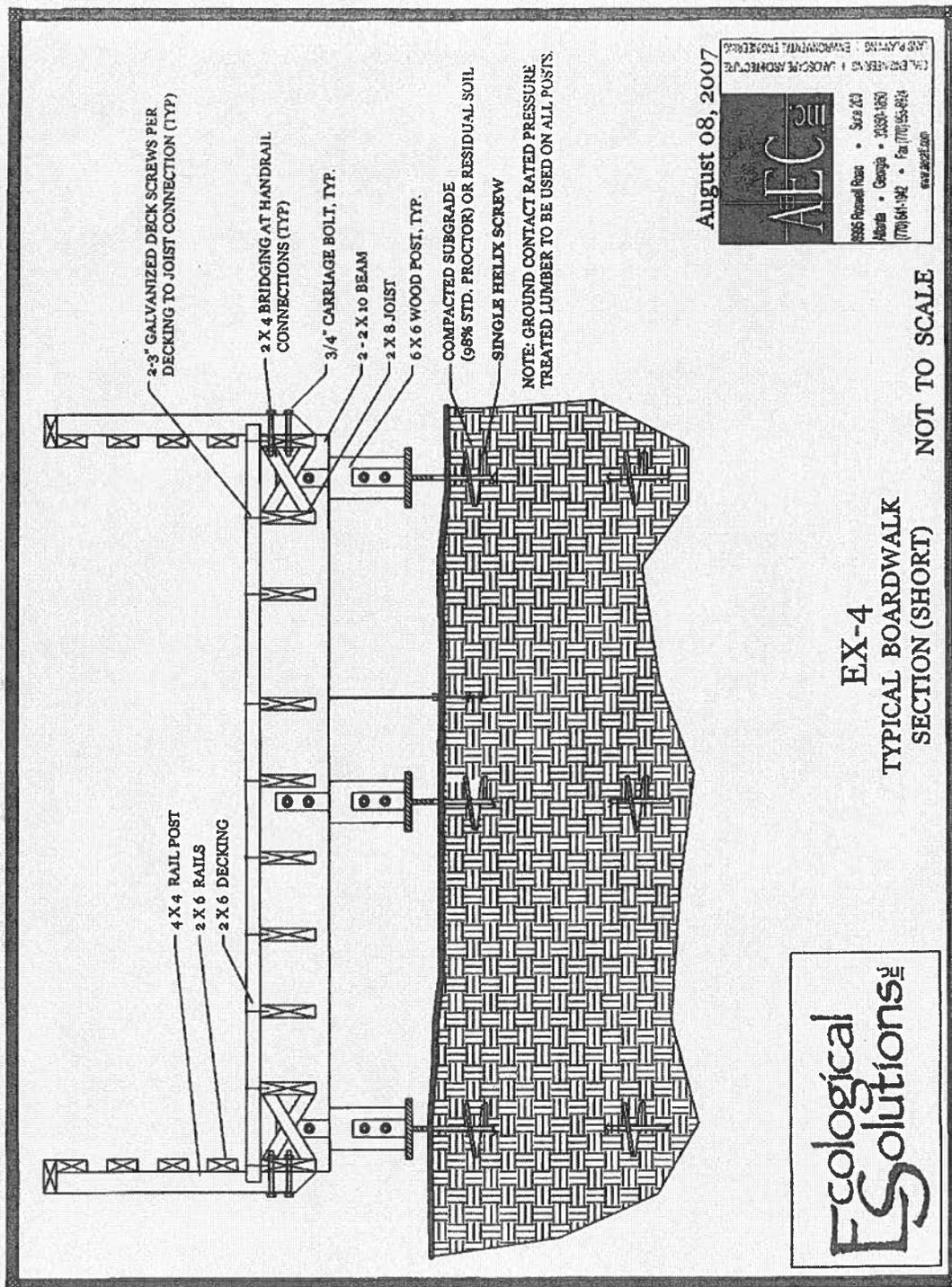
BASED ON PROGRESS SET, BOARDWALK LAYOUT DATED 4-3-08 BY AEC

ASSUMPTIONS:

- LAND PURCHASE IS NOT INCLUDED IN COST.
- A SUITABLE SPOILS SITE FOR HAUL OFF MATERIAL IS AVAILABLE WITHIN 5 MILE OF THE SITE.
- ENGINEERING DESIGN IS NOT INCLUDED.
- SITE LANDSCAPE, SIGNAGE AND HARDSCAPING IS NOT INCLUDED.
- CITY/COUNTY BONDING AND PERMITTING COSTS ARE NOT INCLUDED IN THIS ESTIMATE.
- ESTIMATED PERMIT COSTS FOR CITY OF ROSWELL
- TRFEE REMOVAL PERMIT: \$100 (NOT INCLUDING SPECIMEN TREE REMOVAL.. IF REQUIRED)



EX-3
TYPICAL CONCRETE
PATH SECTION





AEC, Inc.
8995 ROSWELL ROAD, SUITE 200
ATLANTA, GEORGIA 30350-1850
PHONE (770) 641-1942
FAX (770) 998-6924

Meeting Notes:

Attendees: Steve Rowe (AEC), Jeff Pruitt (City of Roswell), Jim Santos (ARC), David Smith (Ecological Solutions), Jim Hughes (NPS)

Date: June 19, 2007

RE: Roswell Greenway – kick-off meeting

\$1.3 Million available to extend greenway

- Willeo to Nature Center – Phase I
- Nature Center to Park @ County line – Phase II

Proposal for CD's

- Include Ecological Solutions
- Full permitting

Jim Santos (ARC) has helped with design.

Jeff Pruitt has most of the files



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Meeting Notes:

Attendees: Charles McMillan (AEC), Jeff Pruitt (City of Roswell), Joe Glover (City of Roswell), David Smith (Ecological Solutions), Stephanie Sorenson (Ecological Solutions) Jim Hughes (NPS)

Date: July 16, 2007

RE: Roswell Greenway – concept meeting

Alice Champagne – Formerly of River Keeper, now Water Resource Engineer at Roswell.

Joe Glover will get Ecological Solutions proposal signed.

Items to get started:

- Ecological Solutions contract will not be a problem at the City of Roswell.
- Survey
- Pre-design cross sections

Longer term items:

- Two bridges to Sandy Springs, one at Bull Sluice, one below dam.
- Routing through (the PATH link)
- Gold Creek area

FERC renewal:

- There is a threshold for access. Less than 11 have to have FERC coordination. N/A to this project, no access

Ecological Solutions:

- Separate issues: Doing temp dock at river, will try to get a dock temp permit
- Couple of things went wrong
- Management plan did not go well.

Details for Observation Areas: 2 typical

Alternative A: No build – Need and purpose has been established.

Alternative B: Environmentally Preferred – Meandering alignment – misses trees to extent practical – works with grades.

Alternative C: Expand Road Shoulder for trail – Will impact trees and wetlands – 2 exhibits, sections, 1 alignment.

Alternative D: Put Trail on opposite side (North and West) of road, 1 alignment, 2 details.



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Meeting Notes:

Attendees: Scott Hall (AEC), Jeff Pruitt (City of Roswell)

Date: December 19, 2007

RE: Willeo Trail – concept meeting

- 12' side
- Price out, preliminary cost first
- Tie trail into dock permit?
- Move forward with design, funds – worry about later
- Pervious concrete?
- Price for full boardwalk
- Survey
- Rail up every 1000 ft, Emergency access
- Supplementary plantings scope (NO)
- Access drive
- Repair existing dock
- Forward pdf's to Jeff
- Scheduling – February 1st
- Permit and ready to bid – June 1st



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Meeting Notes:

Attendees: Scott Hall (AEC), Charles McMillan (AEC), Steve Rowe (AEC), Jeff Pruitt (City of Roswell), Joe Glover (City of Roswell), David Smith (Ecological Solutions), Stephanie Sorenson (Ecological Solutions)

Date: March 10, 2008

RE: Willeo Trail – concept meeting

- 10' ILO, 12' ok
- Design alternatives to avoid trees and experience river

When we walk out of here what do we want to have accomplished?

Take boardwalk out or a portion of it
Shoulder on road

NPS (National Park Service):

Get something in for their review

Stay off bank

Still have River Keeper to get with for their input.

B/C, 12@3beats, 8' @ 2

Regulatory organization did not like J. J. G. plan.

Revised plan by AEC to experience the river better, preserve trees.

35mph – 8' safe zone

@NPS – Rick mother have temporary boat dock @

Joe is going to go to S.E. regional office (NPS) and raise sand about long review process.



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Meeting Notes:

Attendees: Scott Hall (AEC), Steve Rowe (AEC), Charles McMillan (AEC), Jeff Pruitt (City of Roswell), David Smith (Ecological Solutions), Dan Brown, Rick Slade

Date: August 21, 2008

RE: Willeo Trail – Project Team Meeting

Meeting goal:

To establish the changes in design and project scope since the Recreation and Parks Department has redistributed funding to the Willeo Road Trail project and added GDOT Transportation Enhancement Funding.

- I. Current status of funding (with respect to GDOT).
- II. Review of current trail alignments
 - a. Willeo Road section
 - b. Bull Sluice section
- III. Additional requirements with GDOT funding
 - a. Concept Report
 - b. Concept Design
 - c. GDOT NEPA document (CE)
- IV. Special studies required for GDOT NEPA – 106 is done – Bull Sluice alignment not applicable
 - a. Ecology Report
 - b. Cultural Resource survey
 - c. Survey information
- V. NPS Environmental Assessment (EA)
 - a. Revisions needed
 - b. Graphics needed – make drawings – more cad – by next week, Friday
- VI. Closing discussion
 - a. surveying

Greg Hood – District 6 (770) 387-3654
 TE Application – PI # 0009056 Phase V, 0009057 Phase IV
 DOT funds – 1.6 federal, 600,000 local



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Meeting Notes:

Attendees: Charles McMillan (AEC), Steve Rowe (AEC), Jeff Pruitt (City of Roswell), Joe Glover (City of Roswell), Stephanie Sorenson (Ecological Solutions), David Smith (Ecological Solutions)

Date: January 26, 2009

RE: Willeo Trail – Project Team Meeting

- Send map with Main Stream of River and Photo shown to City of Roswell.
- Levee ownership
- Boardwalk approach in CNC
- Cobb County coordination for trail extension.

Rick and Dan walked route.

Chattahoochee Nature Center is the big player to coordinate with on this issue.
Dam does not have a problem at levee.

Mansell connection was extremely well done @ bridge crossing.

No encroachment into Gold Branch for Cobb County. Trail will stay on road.

Run through Environmentally preferred alternative.

Joe Glover: \$800 +/-, Bond fund, City budget

NPS: Consulting authority

Let mayor deal with Ann and board at Chattahoochee Nature Center.

GMP is still not approved.

Hand ferry is a river crossing option.

Joe said to hold ferry off for now.

NAIP: 2007 Ga Data Clearing House



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Meeting Notes:

Attendees: Charles McMillan (AEC), Steve Rowe (AEC), Jeff Pruitt (City of Roswell), Stephanie Sorenson (Ecological Solutions), David Smith (Ecological Solutions), Rick Slade (National Park Service), Dan Brown (National Park Service)

Date: May 12, 2009

RE: Roswell Bull Sluice – Issue (ARC)

- Not included in original master plan with ARC
- NPS does not have jurisdiction over levee
- Include meeting minutes from C.N.C. into EA – a letter would be good but not required.

Riverkeeper:

- Minimize removal of trees (soil stabilization)
- Send a copy of plan to Riverkeeper, ARC and C.N.C. (copy Dan and Rick on the plan – David Smith to send)
- Need to have further communication with Jim Santo (ARC)
- Verify Sewer Easement Info
- Pedestrian Only on Bull Sluice
 - o Address pervious conc/compacted aggregate – need to have RiverKeeper and ARC support to approve EA
 - o Point out there is a sewer line on the levee

Send David and Stephanie PDF of Map of Trail.



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Memorandum

TO: Mayor Jere Wood City of Roswell
 Joe Glover City of Roswell

FROM: Charles McMillan AEC, Inc.

DATE: May 20, 2009

RE: **Willeo Trail, Coordination Meeting
 Chattahoochee Nature Center (CNC)**

The following is a brief description of the May 18, 2009 meeting at the Nature Center. Ann Bergstrom, Henning von Schmeling and Charles McMillan attended.

Charles McMillan presented the overall Willeo Trail plan (Phases IV and V), however special emphasis was placed on the section of trail on the high ground between Azalea and Willeo Roads.

Ann Bergstrom expressed concern about the wildlife in the area, as well as safety issues related to use of the trail after hours. The mayor pointed out that parks close after dark and that the City has many trails that are relatively isolated from roadways.

Most of the following discussion related to the phasing of the project and the relative merits of the extension along Willeo from Azalea (parallel to the road) versus crossing the slough in the wooded high ground (Phase IV). Ann expressed preference for crossing the high ground on the berm next to the river and not constructing the section of trail along Willeo (south of Azalea to the tie in point). Jere Wood agreed that the section Ann wanted to take out of the project was not as important as other sections of the project.

The CNC is to draft a letter stating their preferred route and support for this option.

END OF MEMORANDUM.

CC: Jeff Pruitt City of Roswell
 David Smith Ecological Solutions
 Steven Rowe AEC, Inc.

CHM/slr/

M:\2009 JOBS\09-2891 WILLEO TRAIL Concept
 Permitting\Documents\ChattahoocheeNatCenterCoordinationMeetingAECRoswellMemo05192009.doc



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Meeting Notes:

Attendees: Charles McMillan (AEC), Steve Rowe (AEC), Stephanie Sorenson (Ecological Solutions), David Smith (Ecological Solutions), Sally Bathea, Jason Ulseth, Juliet Cohen (Riverkeeper)

Date: June 22, 2009

RE: Willeo Trail – Riverkeeper Meeting

- David reviewed the project, history and proposals.
- Another buffer variance required for the project.

Bull Sluice:

- Boardwalk option is in old roadbed.
- 8' wide – 12' clearing
- They do not want bicycles.
- Possibility of stabilization and restoration?
 - o We can look at.
- Shade out causing erosion?
 - o Not historically

At Grade Trails:

- Pervious pavement
- They like the infiltration trench.
 - o Maintainable

*What will EPD say about infiltration trenches?

What is CNC opinion?

- They want to support only one option.

50' MRPA Buffer – need to show

- Calculate sf of impacted buffer.

Will City maintain? Yes

Adjust Rules of the Road

4-6 months of construction

Look at environmental education – interpretive

Construction Material – pressure treated pine



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50 Warm Springs Circle
Roswell, Georgia 30075
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Meeting Notes:

Attendees: Charles McMillan (AEC), Steve Rowe (AEC), David Smith (Ecological Solutions), Jeff Pruitt (City of Roswell), Jim Santo (ARC)

Date: June 25, 2009

RE: Willeo Trail – Bull Sluice ARC meeting

- Need evidence of pre-existing road ____ for MRPA to allow (150' buffer)
- Asked about Riverkeeper's opinion
- MRPA – Does not differentiate between paved areas and impervious surfaces.
- They try to fit things in to impervious (existing).
- Try to avoid a review – no net loss
 - o Stay on old road-beds, existing trails.
- Offset R.O.W.

*Look into old aerial photos.

- Observational platforms are allowed if they fit.
- Morgan Falls Dam raised 7' in 1959.
- Willeo Road – Keep in line with old routing.

Bull Sluice: Need to discuss further.

- ARC does not have regulation relating to bridges.
- Observation area near bridge could be a reason to allow access.
- Show 150' MRPA Buffer Line