

Rotten Wood Creek Trail Phase I

Concept Report

(PI #0012873)

Approved by Georgia DOT: March 14, 2016

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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

FILE P.I. # 0012873

OFFICE Design Policy & Support

Cobb County
GDOT District 7 - Metro Atlanta
Rottenwood Creek Trail - Phase II

DATE March 14, 2016

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:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Genetha Rice-Singleton, Assistant Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Charles "Chuck" Hasty, State Materials Engineer
Lee Upkins, State Utilities Engineer
Richard Cobb, Statewide Location Bureau Chief
Kathy Zahul, District Engineer
Scott Lee, District Preconstruction Engineer
Nicholas Fields, District Utilities Engineer
Oluchukwu Anyaebosi, Project Manager
BOARD MEMBER - 11th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
LIMITED SCOPE PROJECT CONCEPT REPORT**

Project Type:	Enhancement	P.I. Number:	0012873
GDOT District:	7	County:	Cobb
Federal Route Number:	N/A	State Route Number:	N/A
		Project Number:	N/A

An 10'-wide multi-use trail from University Trail on KSU-Marietta campus to Franklin Road in the City of Marietta. The trail connects Life University, Kennesaw State-Marietta, and several existing Marietta trail networks.

Submitted for approval:

Consultant Designer & Firm	<i>Andrew D. Kohn</i>	(Andrew Kohn, Stantec)	10/23/15
Local Government Sponsor	<i>Charlie Lanz</i>	(Charlie Lanz, City of Marietta)	10/23/15
State Program Delivery Engineer	<i>Albert Shilby</i>		10/30/15
GDOT Project Manager	<i>Mr. B. Emmanuel</i>	KWN	10/29/2015

Recommendation for approval:

State Environmental Administrator	<i>Hiral Patel</i> */EKP	11/23/2015
State Traffic Engineer	<i>KEN WERHO</i> */EKP	11/2/2015
State Bridge Engineer	<i>Bill DuVall</i> */EKP	2/3/2016

- MPO Area: This project is consistent with the MPO adopted Regional Transportation Plan (RTP)/Long Range Transportation Plan (LRTP).
- Rural Area: This project is consistent with the goals outlined in the Statewide Transportation Plan (SWTP) and/or is included in the State Transportation Improvement Program (STIP).

State Transportation Planning Administrator	<i>CINDY VANDYKE</i> */EKP	11/13/2015
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Approval:

Concur:	<i>Hial Bui</i>	3-4-16
	GDOT Director of Engineering	Date

Approve:	<i>Margaret B. Pinkley</i>	3/10/15
	GDOT Chief Engineer	Date

** - RECOMMENDATION ON FILE*

Project Location Maps

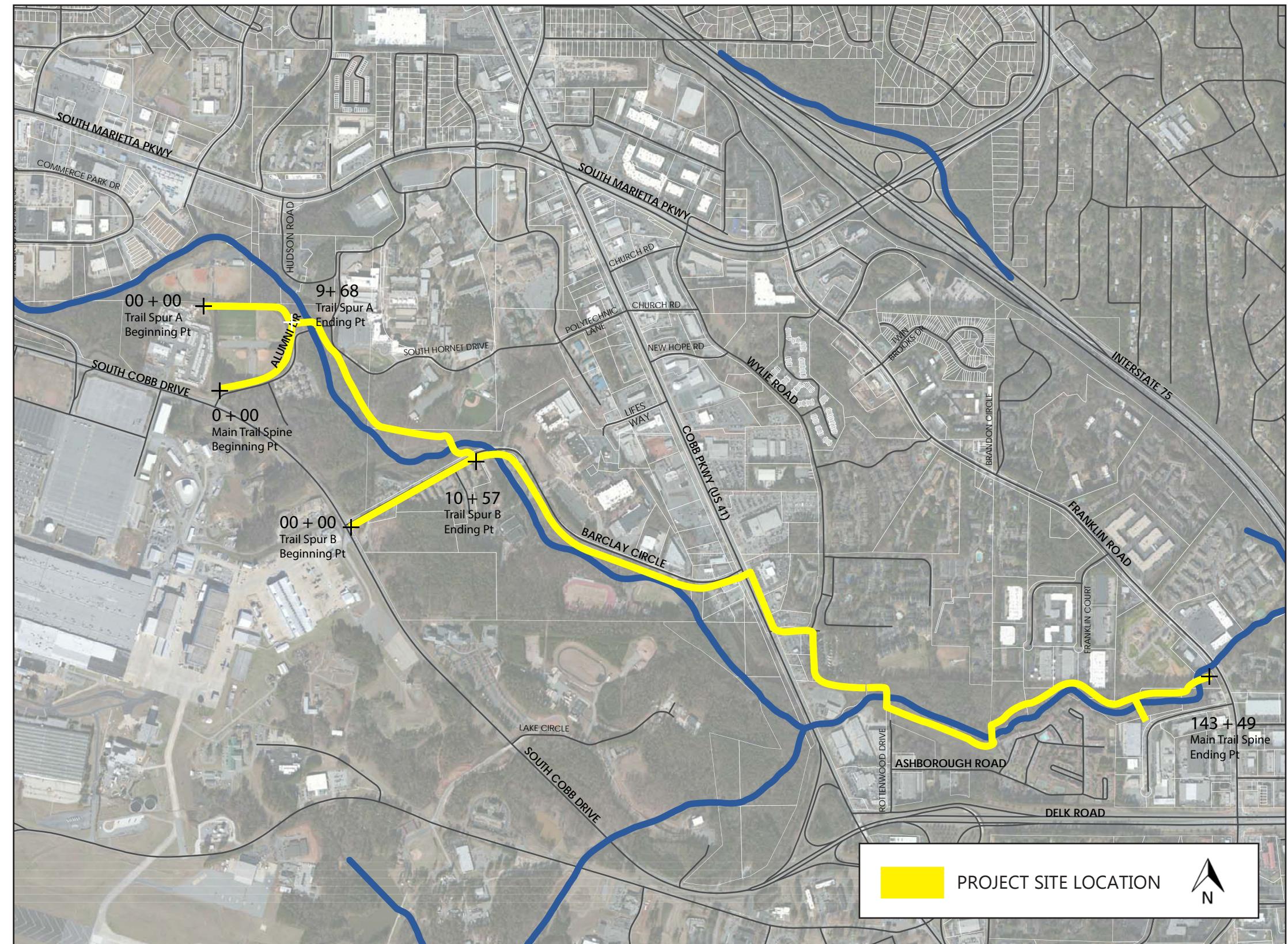
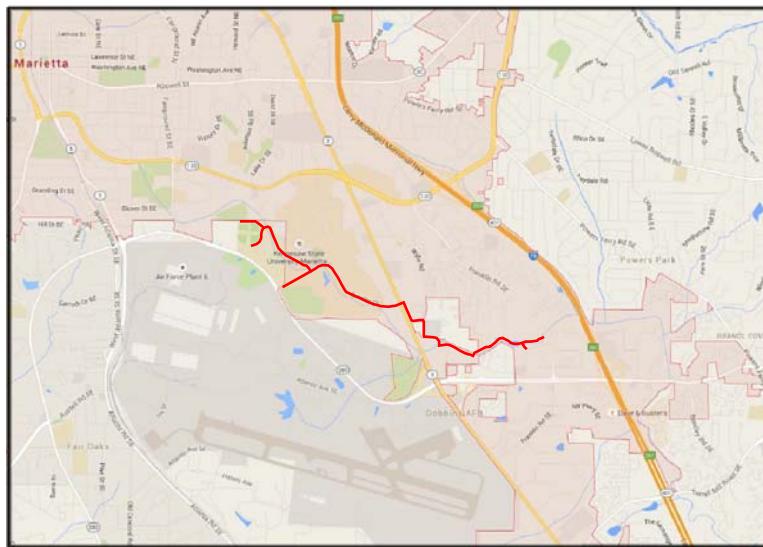
Rottenwood Creek Trail - Phase I

City of Marietta, GA

July, 2015

PI# 0012873 (Cobb)
Alumni Drive to Barclay Circle
to U.S. 41 To Wylie Road to
Franklin Road Greenspace.

Project Context Map



PLANNING & BACKGROUND DATA

Project Justification Statement: Rottenwood Creek Trail Phase 1 is part of a larger trail network program that will connect Kennesaw Mountain National Battlefield and the Chattahoochee River. This segment of the trail network was identified in the MU2LCI (Livable Centers Initiative) Planning Study completed in 2012 and approved by the Atlanta Regional Commission. This trail was also identified on the City of Marietta's 2012 Trail Map and the recently completed (2015) Cobb County Comprehensive Transportation Plan.

Existing conditions

The proposed Rottenwood Creek Trail follows several roadways as well as Rottenwood Creek. It crosses through two universities and adjacent to commercial and residential properties. The project begins at the end of the University Trail on the north side of Alumni Drive (Private Road, two-travel lanes with existing 5' sidewalks) in the Kennesaw State University-Marietta campus. This section includes two pedestrian bridges (identified as Pedestrian Bridges 1 and 2). The project proceeds north and then eastward along Rottenwood Creek adjacent to an existing sanitary sewer easement through the KSU-Marietta campus. The trail crosses Barclay Circle (2-lane Local Road with existing bicycle lanes and sidewalks) in the Life University Campus and follows the south side of Barclay Circle to Cobb Parkway (US41). This portion of the project includes granite veneer retaining walls along the back end of the trail to address topographic constraints. The trail follows the east side of Cobb Parkway (6-lane, Principal Arterial with existing sidewalks on east side of road) south to Wylie Road (2-lane local road with no pedestrian facilities). The trail continues along the south side of Wylie Road until it follows the current boundary of an RV Park back to the north side of Rottenwood Creek. There are two bridges in this section of the trail. The trail crosses Rottenwood Creek at Rottenwood Drive to the south side and follows the south side of the creek and an existing Sanitary Sewer easement. The trail continues to Franklin Road and a proposed trailhead where the project ends. There are two additional pedestrian bridges in the section of the project. There are trailheads located at city-owned Wildwood Park (existing), Rottenwood Drive (proposed), and the city-owned Franklin Road Greenspace (proposed).

Other projects in the area: N/A

Description of the proposed project:

The proposed Rottenwood Creek Trail will be a continuous 10' wide multi-use path that begins at the terminus of the University Trail within the Kennesaw State University – Marietta Campus, and follows Rottenwood Creek for approximately 3 miles until the trail ends at city-owned greenspace on Franklin Road. For the portions of the trail that are along the creek the trail will consist of a 10' wide concrete path with a 2' clear zone on either side. For the portions of the trail that are on Barclay Circle, Cobb Parkway, and Wylie Road, the proposed improvements includes a buffer and pedestrian lighting in addition to the 10' concrete trail. All necessary retaining walls will be granite veneer and cast-in-place concrete.

MPO: Atlanta Regional Commission (ARC)

TIP #: CO-448

Congressional District(s): 11

Federal Oversight: Exempt State Funded Other

US41/Cobb Parkway

Projected Traffic: AADT 24 HR T: 5%
 Current Year (2015): 27,980 Open Year (2019): 29,110 Design Year (2039): 35,520
 Traffic Projections Performed by: Stantec Consulting

Functional Classification (Mainline): Urban Principal Arterial

Barclay Circle

Projected Traffic: ADT 24 HR T: N/A%
 Current Year (2015): 3,860 Open Year (2019): 4,020 Design Year (2039): 4,900
 Traffic Projections Performed by: Stantec Consulting

Functional Classification (Mainline): Urban Local Road

Wylie Road

Projected Traffic: AADT 24 HR T: N/A%
 Current Year (2015): 2,500 Open Year (2019): 2,600 Design Year (2039): 3,170
 Traffic Projections Performed by: Stantec Consulting

Functional Classification (Mainline): Urban Local Road

Complete Streets - Bicycle, Pedestrian, and/or Transit Standards Warrants:

Warrants met: None Bicycle Pedestrian Transit

Pavement Evaluation and Recommendations

Preliminary Pavement Evaluation Summary Report Required? No Yes

Preliminary Pavement Type Selection Report Required? No Yes

Feasible Pavement Alternatives: HMA PCC HMA & PCC

*PCC was selected because it has a longer project lifespan and it is the standard for the City of Marietta trails.

DESIGN AND STRUCTURAL

Description of Proposed Project: Project includes the construction of seven pedestrian bridges and two retaining walls. Please Note: Bridge shall be designed in accordance with AASHTO LRFD Specifications. Design Live load shall be greater of H-10 Design Truck or pedestrian live load as defined by AASHTO LRFD Design Specifications.

Major Structures:

Structure ID	Existing	Proposed
Pedestrian Bridge 1 (See Attachment 1-A)	No bridge exists	175' prefabricated, pedestrian bridge with concrete abutments and with 2 spans.
Pedestrian Bridge 2 (See Attachment 1-A & 1-B)	No bridge exists	70' prefabricated, single span, pedestrian bridge with concrete abutments.
Pedestrian Bridge 3 (See Attachment 1-D)	No bridge exists	55' prefabricated, single span, pedestrian bridge with concrete abutments.
Pedestrian Bridge 4 (See Attachment 1-D)	No bridge exists	62' prefabricated, single span, pedestrian bridge with concrete abutments.
Pedestrian Bridge 5 (See Attachment 1-D)	No bridge exists	57' prefabricated, single span, pedestrian bridge with concrete abutments.
Pedestrian Bridge 6 (See Attachment 1-D)	No bridge exists	80' prefabricated, single span, pedestrian bridge with concrete abutments.
Pedestrian Bridge 7 (See Attachment 1-D)	No bridge exists	63' prefabricated, single span, concrete, pedestrian bridge with concrete abutments.
Granite Retaining Wall	No retaining wall exists	1,358' x 5' tall avg. granite veneer retaining wall along back of trail

County: Cobb

		(Barclay Circle)
Concrete Retaining Wall	No retaining wall exists	389' x 6' tall avg. CIP concrete retaining wall along back of trail (Wylie Road)

Mainline Design Features: Trail

Feature	Existing	Standard*	Proposed
Trail Width	N/A	10'	10-12'
Pavement Type – Trail	N/A	Varies	PCC
Cross Slope – Trail	N/A	2% Max.	2%
Longitudinal Slope – Trail	N/A	Varies	5%
Clear Zone	N/A	Varies	2' on either side

*According to current GDOT design policy and AASHTO Guide for the Design of Bicycle Facilities if applicable

Mainline Design Features: Alumni Drive

*Note: Alumni Drive is a private road

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes (Roadway – No Change)	2	2	2
- Lane Width(s) (Roadway – No Change)	11'	12'	11'
- Sidewalks	5' on both sides	5'	Trail on north & 0-5' on south
- Trail	N/A		10' on north side
Posted Speed (Roadway – No Change)	25		25
Pavement Type (Roadway – No Change)	HMA	HMA	HMA
Pavement Type – Trail	N/A	Varies	PCC
Cross Slope – Trail	N/A	2% Max.	2%
Longitudinal Slope – Trail	N/A	Varies	5%

*According to current GDOT design policy and AASHTO Guide for the Design of Bicycle Facilities if applicable

Mainline Design Features: Barclay Circle

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes (Roadway – No Change)	2	2	2
- Lane Width(s)	10'	12'	10'
- Sidewalks (Roadway – No Change)	4-5' on both sides Not continuous	5'	
- Bike Lanes (Roadway – No Change)	6'		5' - 6'
- Trail	N/A		10' on south side
Posted Speed (Roadway – No Change)	25		25
Pavement Type (Roadway – No Change)	HMA	HMA	HMA
Pavement Type – Trail	N/A	Varies	PCC
Cross Slope – Trail	N/A	2% Max.	2%
Longitudinal Slope – Trail	N/A	Varies	5%

*According to current GDOT design policy and AASHTO Guide for the Design of Bicycle Facilities if applicable

Mainline Design Features: U.S. 41/Cobb Parkway

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes (Roadway – No Change)	4	4	4
- Lane Width(s) (Roadway – No Change)	12'	12'	12'
- Sidewalks (Roadway – No Change)	N/A	5'	N/A
- Trail	N/A		10' on east side
- Auxiliary Lanes (Roadway – No Change)	12'	12'	12'
Posted Speed (Roadway – No Change)	45		45
Pavement Type (Roadway – No Change)	HMA	HMA	HMA
Pavement Type – Trail	N/A	Varies	PCC
Cross Slope – Trail	N/A	2% Max.	2%
Longitudinal Slope – Trail	N/A	Varies	5%

*According to current GDOT design policy and AASHTO Guide for the Design of Bicycle Facilities if applicable

Mainline Design Features: Wylie Road

Feature	Existing	Standard*	Proposed
Typical Section			
- Number of Lanes (Roadway – No Change)	2	2	2
- Lane Width(s) (Roadway – No Change)	11'	12'	11'
- Sidewalks (Roadway – No Change)	N/A	5'	N/A
- Trail	N/A		10' on south side
Posted Speed (Roadway – No Change)	25		25
Pavement Type (Roadway – No Change)	HMA	HMA	HMA
Pavement Type – Trail	N/A	Varies	PCC
Cross Slope – Trail	N/A	2% Max.	2%
Longitudinal Slope – Trail	N/A	Varies	5%

*According to current GDOT design policy and AASHTO Guide for the Design of Bicycle Facilities if applicable

Major Interchanges/Intersections: U.S. 41/Barclay Circle

Lighting required: No Yes

(All lighting is on local ROW, no impacts to state route anticipated, and no lighting agreement necessary).

Landscaping required: No Yes

Transportation Management Plan [TMP] Required: No Yes

If Yes: Project classified as: Non-Significant Significant

TMP Components Anticipated: TTC TO PI

Will Context Sensitive Solutions procedures be utilized? No Yes

(Design elements will match aesthetic standards).

Design Exceptions to FHWA/AASHTO controlling criteria anticipated: N/A

County: Cobb

Design Variances to GDOT Standard Criteria anticipated: Lateral Offset to Obstruction (applicable to sections of the trail along Barclay Drive, US 41, and Wylie Road. Along US 41, some utility poles do not meet clear zone requirements and the District Utility office will need to review prior to submittal/approval.

UTILITY AND PROPERTY

Temporary State Route Needed: No Yes Undetermined

Railroad Involvement: N/A

Utility Involvements:

- GAS: Atlanta Gas Light
- TELEPHONE: AT&T
- FIBER: Comcast
- FIBER: Zayo Fiber Solutions
- WATER & SEWER: Marietta Water
- WATER & SEWER: Cobb-Marietta Water Authority
- TELECOM: Verizon Business
- ELECTRIC: Marietta Power
- ELECTRIC: Cobb EMC
- ELECTRIC: Georgia Power Distribution
- ELECTRIC: Georgia Power Transmission
- ELECTRIC: Municipal Electric Authority of Georgia (MEAG)

Trail will utilize sewer easements along Rottenwood Creek where possible.

SUE Required: No Yes

Public Interest Determination Policy and Procedure recommended? No Yes

Right-of-Way: Existing width: 70-130' ft. Proposed width: 70-130 ft.

Required Right-of-Way anticipated: No Yes Undetermined

Easements anticipated: None Temporary Permanent Utility Other

Anticipated total number of impacted parcels:	<u>14</u>
Displacements anticipated:	Businesses: <u>0</u>
	Residences: <u>0</u>
	Other: <u>0</u>
	Total Displacements: <u>0</u>

ENVIRONMENTAL AND PERMITS

Anticipated Environmental Document:

GEPA: NEPA: CE PCE

MS4 Compliance – Is the project located in an MS4 area? No Yes
(MS4 Compliance will be evaluated further during design).

Environmental Permits, Variances, Commitments, and Coordination anticipated:

Air Quality:

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

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

Carbon Monoxide hotspot analysis: Required Not Required TBD

NEPA/GEPA Comments & Information:

(See Attachment 4 –Environmental Screening Report)

Ecology: The project study area contains a number of jurisdictional waters and streams, including Rottenwood Creek and its associated floodplain. Depending on the impacts associated with the construction of the proposed project, a Section 404 wetlands permit (either Nationwide or Individual – depending on impact severity/type) could be required consistent with the requirements of the Clean Water Act. In addition, impacts associated with the state-mandated buffers to any state waters (like Rottenwood Creek) could require a stream buffer variance.

Additionally as a part of the environmental screening, the US Fish and Wildlife Service's (USFWS) Information, Planning, and Conservation System (IPaC) website was consulted for information regarding potential impacts to federally protected species related to implementation of the proposed project. The USFWS IPaC list identifies three species of concern within Cobb County, including the little amphianthus (*Amphianthus pusillus*), Cherokee darter (*Etheostoma scotti*), and northern long-eared Bat (*Myotis septentrionalis*). Survey for these species and impacts to their habitats would be required consistent with Section 7 of the Endangered Species Act.

History: No National Register-listed historic resources were identified along the survey corridor. No previously surveyed historic resources were identified in the Department of Natural Resources' NAHRGIS database.

However, numerous historic resources were identified along the corridor based on information obtained from Cobb County tax assessor's records, a review of previously prepared historic resource survey reports, and the windshield survey. The resources identified include several examples of single and multi-family housing; commercial, industrial, and institutional structures; and a cemetery. According to the tax assessor's records, these properties were constructed between the mid-nineteenth and mid-twentieth centuries. The National Register eligibility of most of these properties is unknown. The only resources that can be confirmed eligible at this time are the Marietta City Cemetery and the Glover's Grove Historic District (located directly south of the cemetery), which were previously identified and determined eligible as part of the studies undertaken for a Transportation Enhancement project (Cemetery Trail) for the City of Marietta in 2012.

There are numerous residential properties directly south of State Route 120 and east of Atlanta Street that comprise what is either an eligible historic district or multiple historic districts.

It is likely that an internal cultural resources investigation has already been undertaken by Dobbins Air Base and approved by the Georgia SHPO. It is recommended that coordination with the base be undertaken during the formal initiation of the Section 106 process for the proposed project in order to determine whether or not any individual properties within the property boundary of the base have been identified and determined eligible for the National Register, and, if so, whether or not any of these eligible properties would potentially be impacted by the Rottenwood Creek Trail project.

Based on a review of property records, only two historic buildings are located on the campus of KSU - Marietta. As a result, it is unlikely that the entire property would be eligible for the National Register.

Three potentially eligible properties along Cobb Parkway were identified within the study corridor. These properties were previously identified during studies for a proposed bus rapid transit project along Cobb Parkway undertaken by the Cobb County DOT. In addition, several other historic properties were identified during these studies but were recommended ineligible for the National Register. However, the report documenting these recommendations has not received approval from either FTA or the Georgia SHPO at this time.

Archaeology: Two previously recorded archaeological sites, 9CO124 and 9CO407, have small portions that extend into the Rottenwood Creek Area of Interest (AOI). Two additional previously recorded archaeological sites, 9CO30 and 9CO679 are located immediately adjacent to the AOI. Two other previously recorded sites, 9CO403 and 9CO680, are located within one kilometer of the AOI. There have been nine previous archaeological surveys that have portions within the AOI (Alford 1976; Earth Tech 1997; Entorf 1988; Gale 2006; Jordan and Bowen 2005; Pietak 2005, 2007; Wood 2008; Woodliff 2011). None of these projects recorded archaeological resources within the Rottenwood Creek AOI. Four cemeteries are located within the Rottenwood Creek AOI, including the Marietta City Cemetery/Confederate cemetery, and three other smaller church and/or family cemeteries.

Air Quality: PM_{2.5}: It is anticipated that this project, when evaluated by an interagency group consisting of FHWA, EPA, EPD and the MPO, would be Exempt per the Transportation Conformity Rule and thus meet the statutory and regulatory requirements for PM2.5 hotspots without a qualitative analysis.

Ozone: This project is identified in the conforming TIP by reference number #CO-448.

CO: Given the project type (multi-use trail), it is not anticipated that this project would significantly impact CO concentrations and would, therefore, not require a CO hot-spot analysis.

Noise Effects: It is anticipated that this project meets the definition of a Type III project and does not require a noise study or abatement of highway noise impacts.

(Air & Noise Report not needed)

Public Involvement: PIOH Meeting held on June 23, 2015. 2 stakeholder workshops held on Decmeber 12, 2014 and April 23, 2015. 11 stakeholder and client meetings held between October 2014 and September 2015. See Attachment 5 for meeting minutes.

COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS

Project Meetings: PIOH – June 23, 2015

Project Activity	Party Responsible for Performing Task(s)
Concept Development	GDOT Office / Stantec / City of Marietta
Design	Stantec
Right-of-Way Acquisition	City of Marietta
Utility Coordination (Preconstruction)	Utility Owner/Stantec / City of Marietta
Utility Relocation (Construction)	Utility Owner / City of Marietta
Letting to Contract	Stantec / City of Marietta
Construction Supervision	Stantec
Providing Material Pits	Contractor
Providing Detours	Contractor
Environmental Studies, Documents, & Permits	Stantec
Environmental Mitigation	Contractor
Construction Inspection & Materials Testing	Stantec/Contractor

Other coordination to date: N/A

Project Cost Estimate and Funding Responsibilities:

	Scoping	Breakdown of PE	ROW	Reimbursable Utility	CST*	Environmental Mitigation	Total Cost
Funded By	Federal: 80% Local: 20%	TBD	TBD	TBD	TBD	TBD	
\$ Amount	\$250,000	\$525,000	\$1,288,000	0	\$6,454,045	0	\$8,517,045
Date of Estimate	12/15/15	12/15/15	12/15/15	12/15/15	12/15/15	12/15/15	

*CST Cost includes: Construction, Engineering and Inspection, Contingencies and Liquid AC Cost Adjustment.

ALTERNATIVES DISCUSSION

Preferred Alternative: Trail alignment runs along Alumni Drive, Barclay Circle, U.S. 41 and then turns and uses Wylie Road, runs along utility easement/ Rottenwood Creek and terminates in to the Franklin Road Greenspace.

Estimated Property Impacts:	14	Estimated Total Cost:	\$8,517,045
Estimated ROW Cost:	\$1,288,000	Estimated CST Time:	12months

Rationale: Meets the initial goals of project in the most cost effective and least environmentally intrusive manner.

No-Build Alternative: Leave site as is.

Estimated Property Impacts:	0	Estimated Total Cost:	0
Estimated ROW Cost:	0	Estimated CST Time:	N/A

Rationale: Does not provide a trail alternative to connect the Bob Callan Trail to the south with the University Trail to the north.

Alternative 1: Trail alignment runs along Alumni Drive and Barclay Circle then uses Life University property to access with a tunnel underneath US41/Cobb Parkway. The trail would then run along utility easement/Rottenwood Creek and terminate in to the Franklin Road Greenspace.

Estimated Property Impacts:	14	Estimated Total Cost:	\$10,544,694
Estimated ROW Cost:	\$1,288,000	Estimated CST Time:	15 months

Rationale: Use of the tunnel was deemed financially unfeasible (project cost increased by 20%) and was considered potentially unsafe due to potential for stormwater runoff and lack of visibility.

LIST OF ATTACHMENTS/SUPPORTING DATA

1. Concept Layout
2. Typical sections
3. Cost Estimates
4. Environmental Screening Report
5. Meeting Minutes
 - a. Kickoff Meeting/Initial Concept Team Meeting (Project Management Team + GDOT): 10/16/14
 - b. Project Management Meeting + GDOT Dates: 11/18/14; 12/4/14; 1/15/15; 2/12/15; 3/3/15; 4/2/15; 5/26/15; 6/17/15; 8/13/15; 9/18/15;
 - c. Stakeholder Workshops: 12/11/14; 4/23/15
 - d. PIOH: 6/23/15
6. Concept Team Meeting Minutes: 9/1/15

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Attachment 1-A

Rottenwood Creek Trail - Phase I

City of Marietta, GA

July, 2015

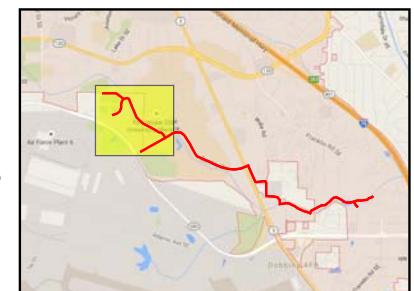
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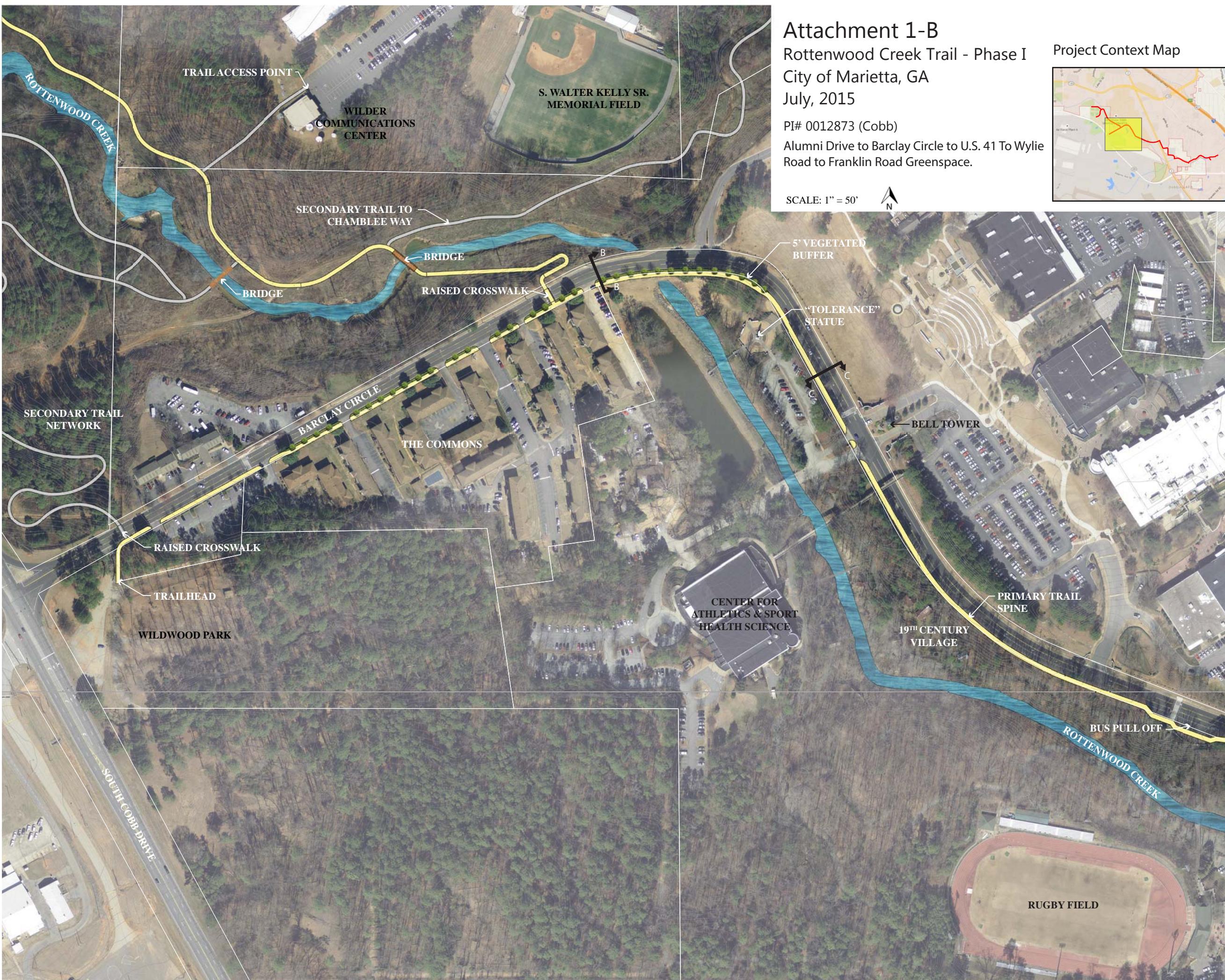
Alumni Drive to Barclay Circle to U.S. 41 To Wylie Road to Franklin Road Greenspace.

SCALE: 1" = 50'



Project Context Map





Attachment 1-C

Rottenwood Creek Trail - Phase I

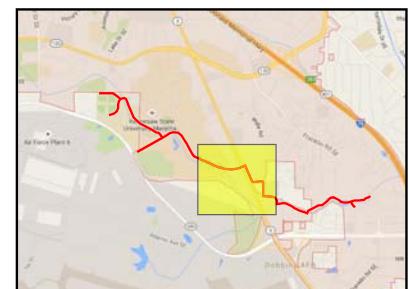
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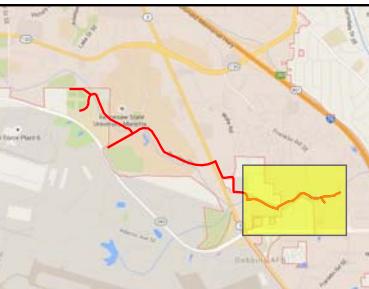
Attachment 1-D

Rottenwood Creek Trail - Phase I
City of Marietta, GA
July, 2015

PI# 0012873 (Cobb)

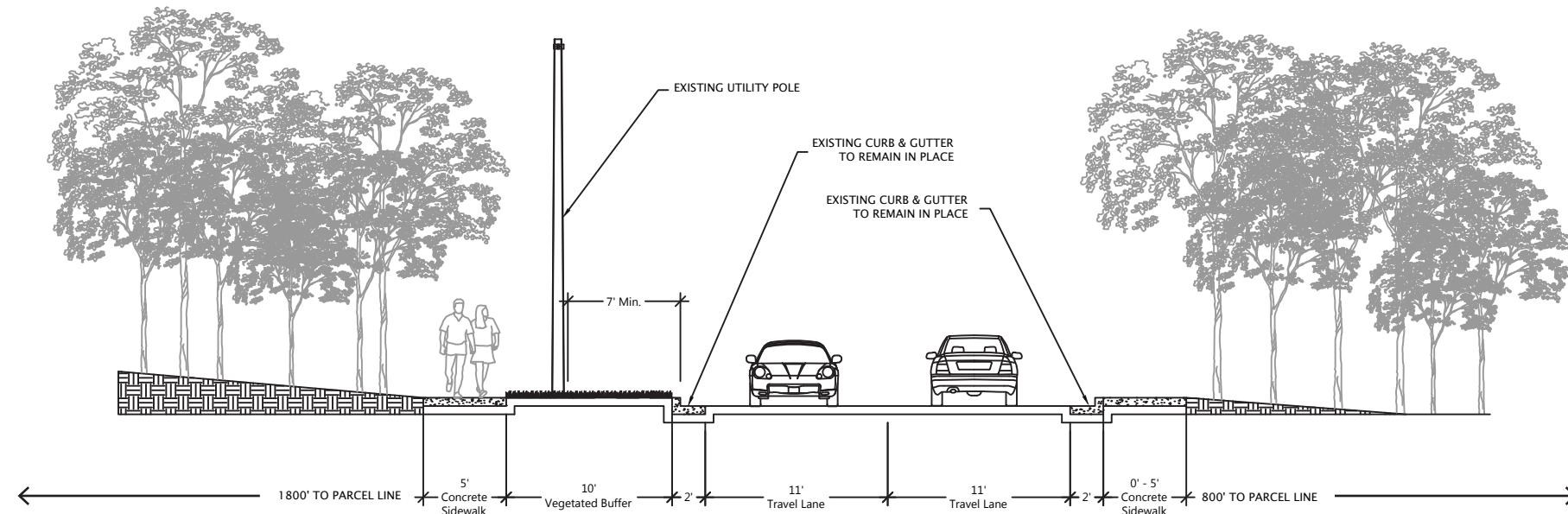
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Project Context Map



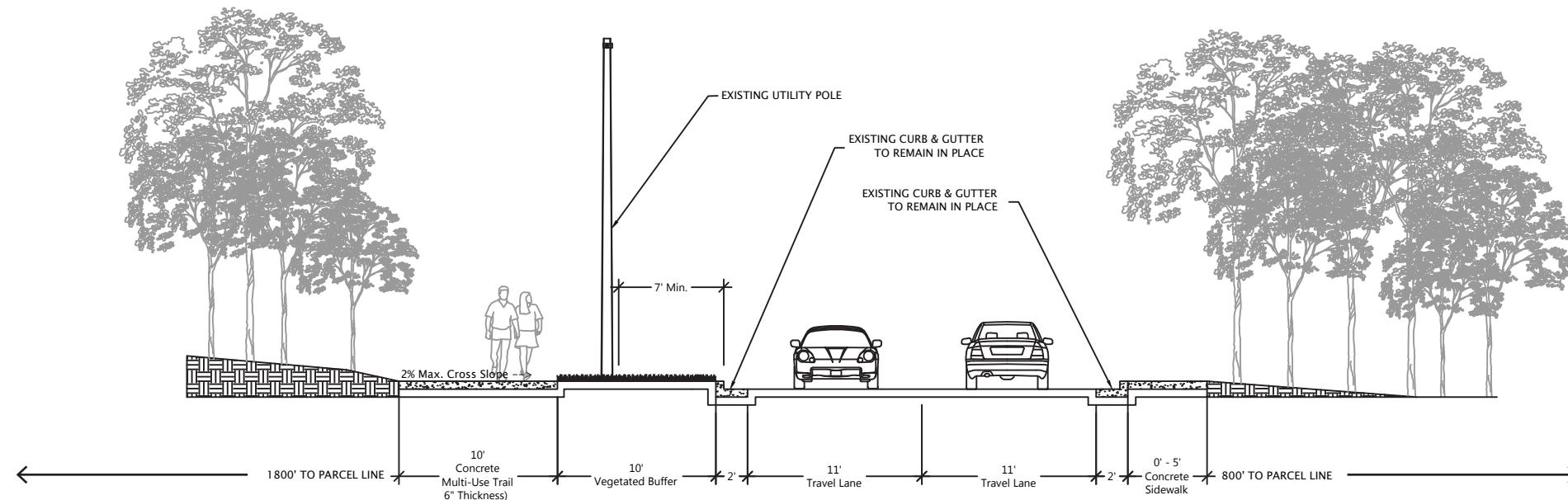
SCALE: 1" = 50'





A-A - EXISTING TYPICAL SECTION - Alumni Drive

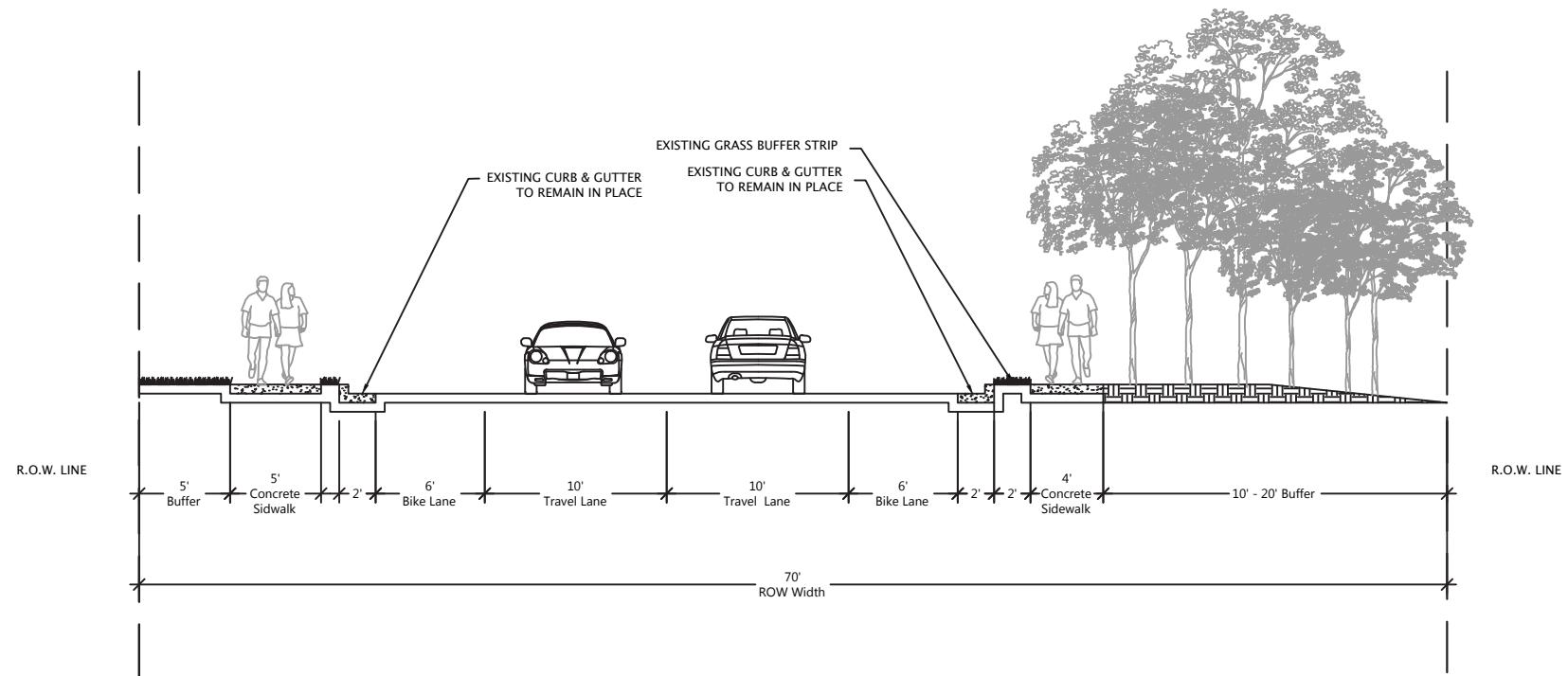
1" = 10' - 0"



A-A - PROPOSED TYPICAL SECTION - Alumni Drive

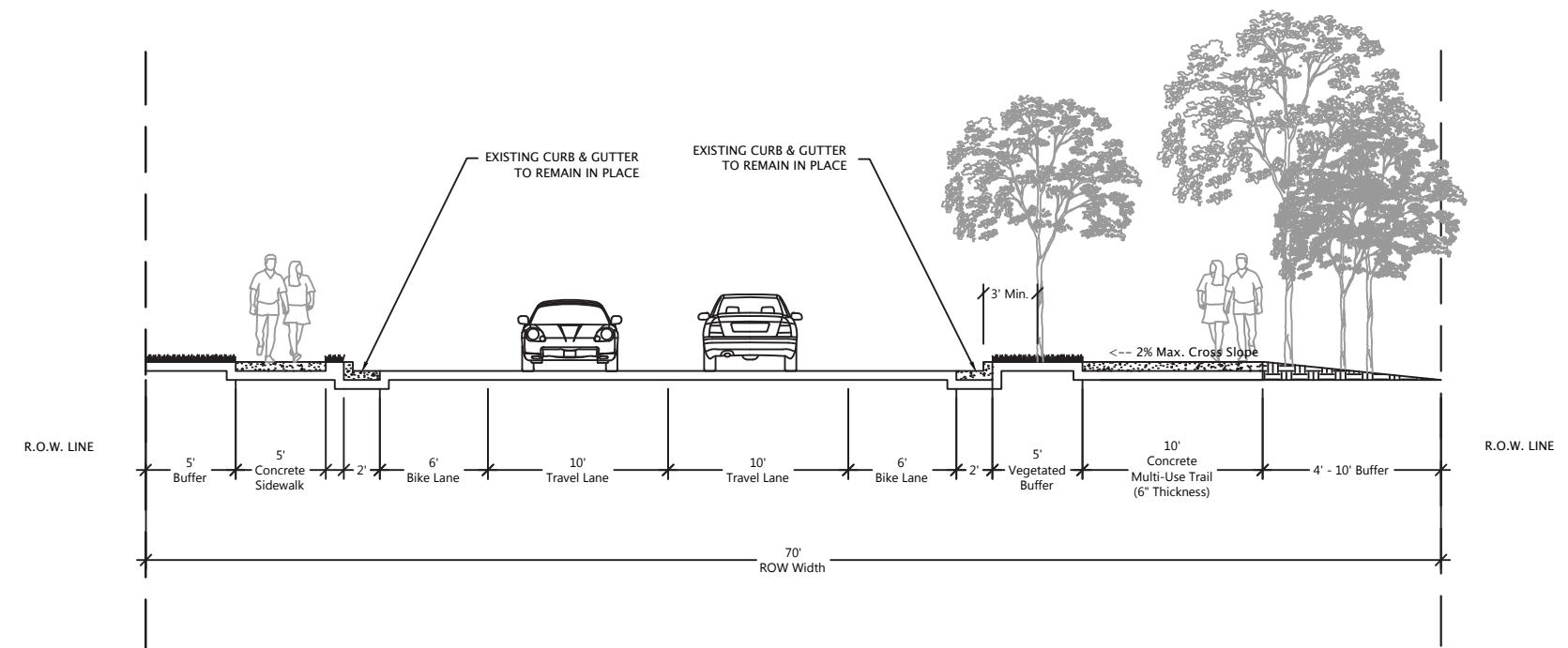
1" = 10' - 0"

NOTE: Alumni Drive is a private road on the KSU-Marietta campus.



B-B - EXISTING TYPICAL SECTION - Barclay Circle

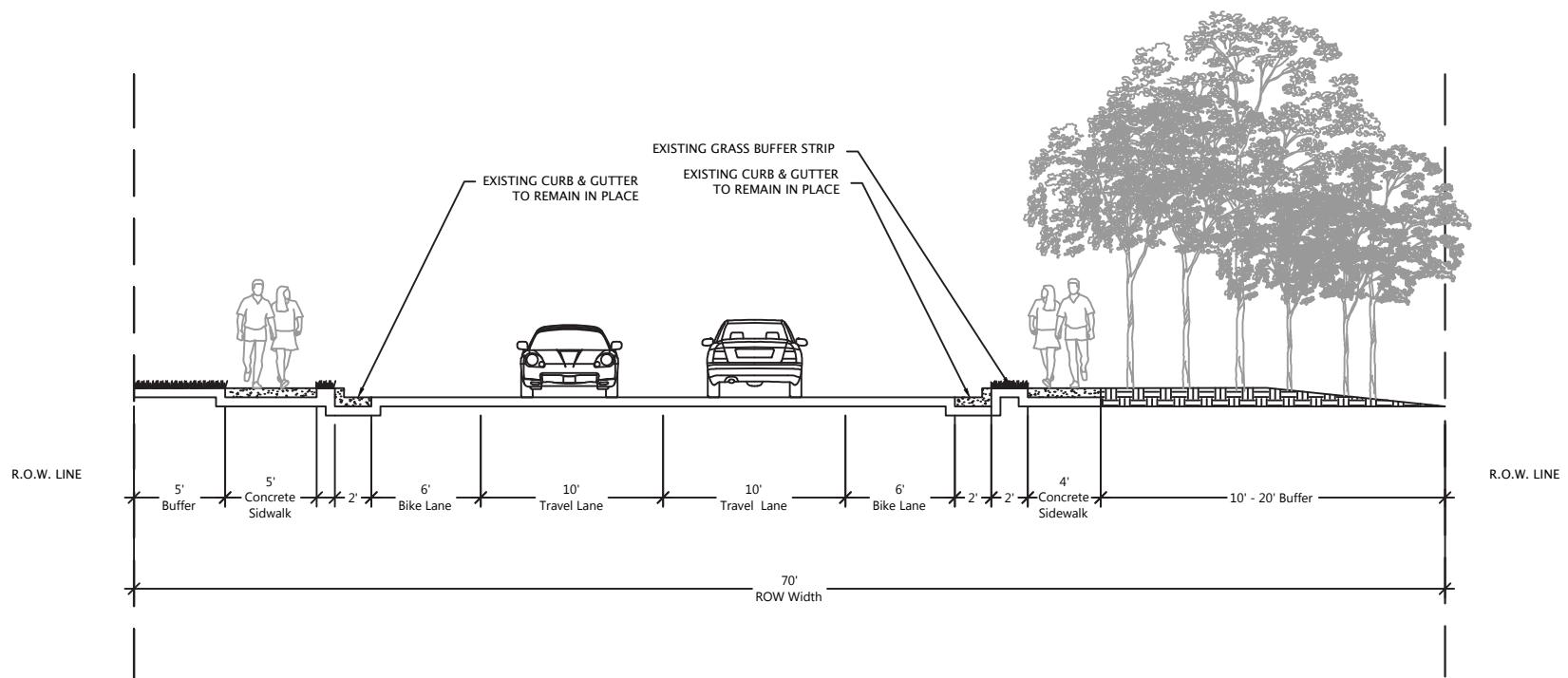
1" = 10' - 0"



B-B - PROPOSED TYPICAL SECTION - Barclay Circle

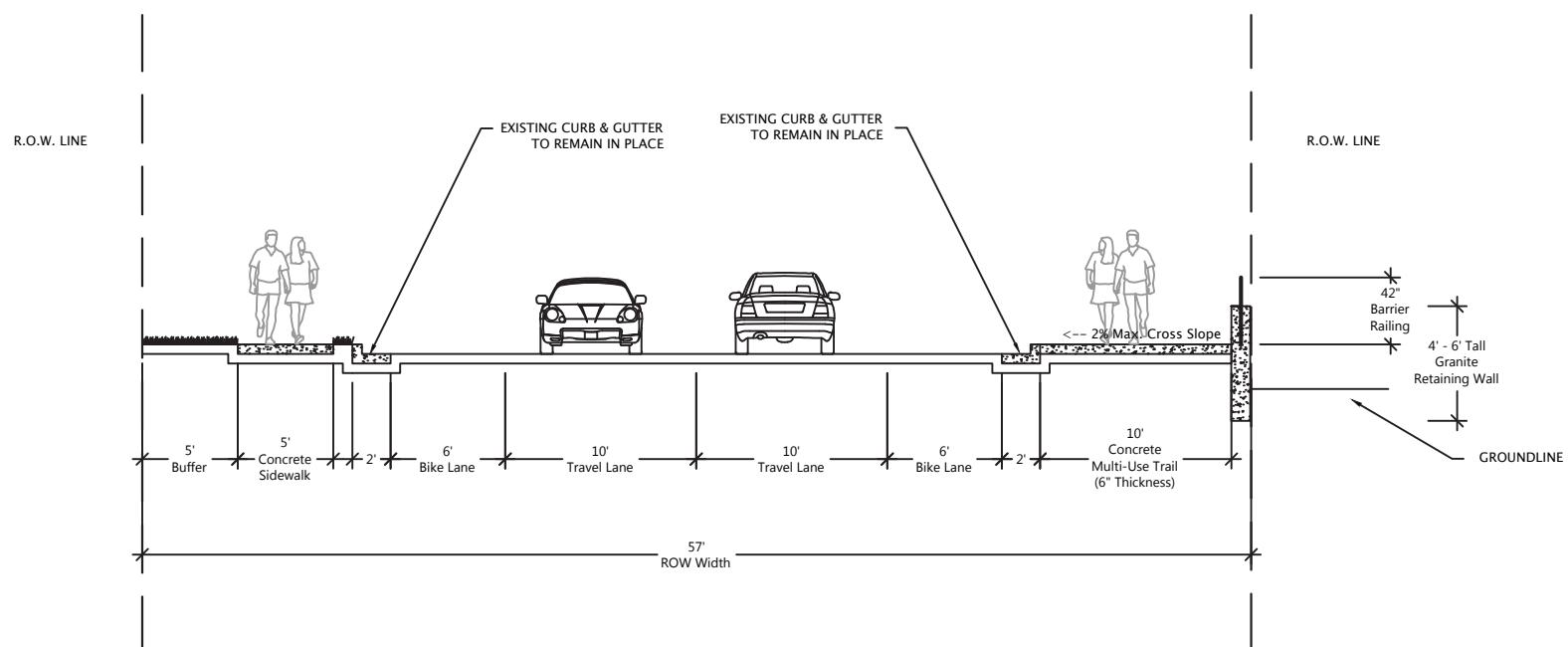
1" = 10' - 0"

NOTE: North and South
 sidewalks are not continuous



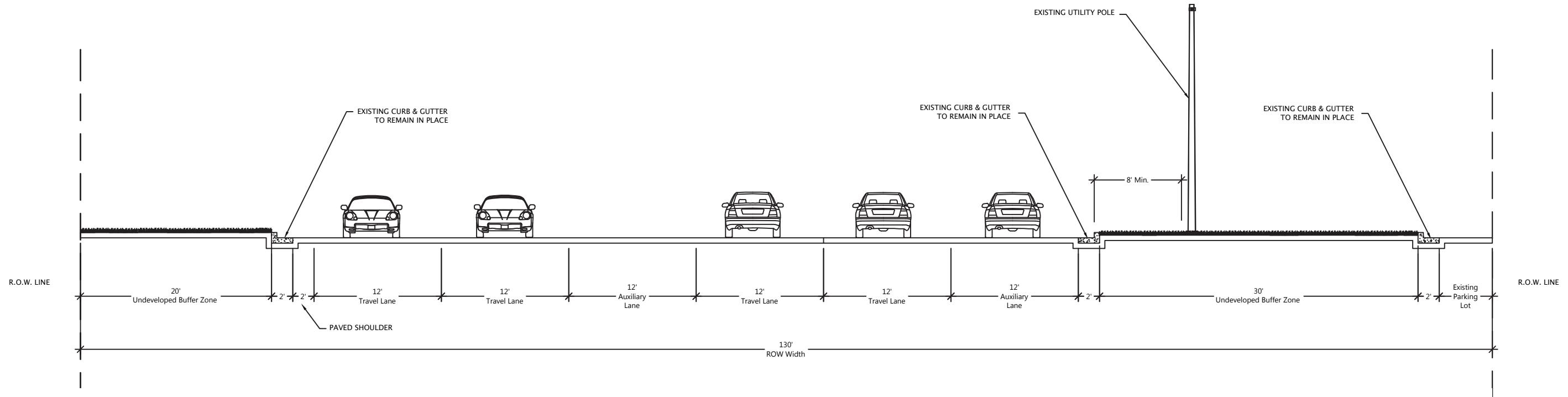
C-C - EXISTING TYPICAL SECTION - Barclay Circle

1" = 10' - 0"



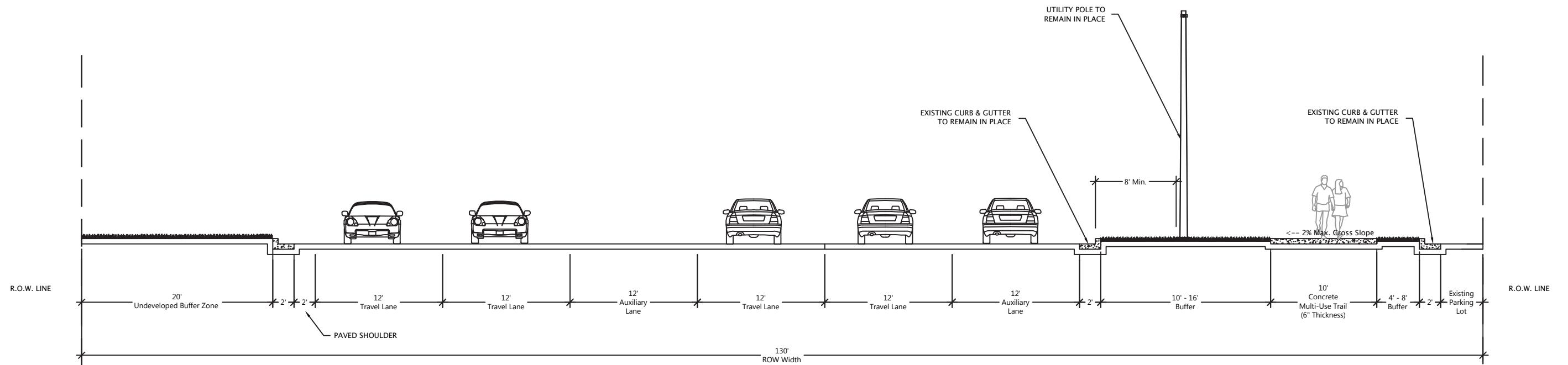
C-C - PROPOSED TYPICAL SECTION - Barclay Circle

1" = 10' - 0"



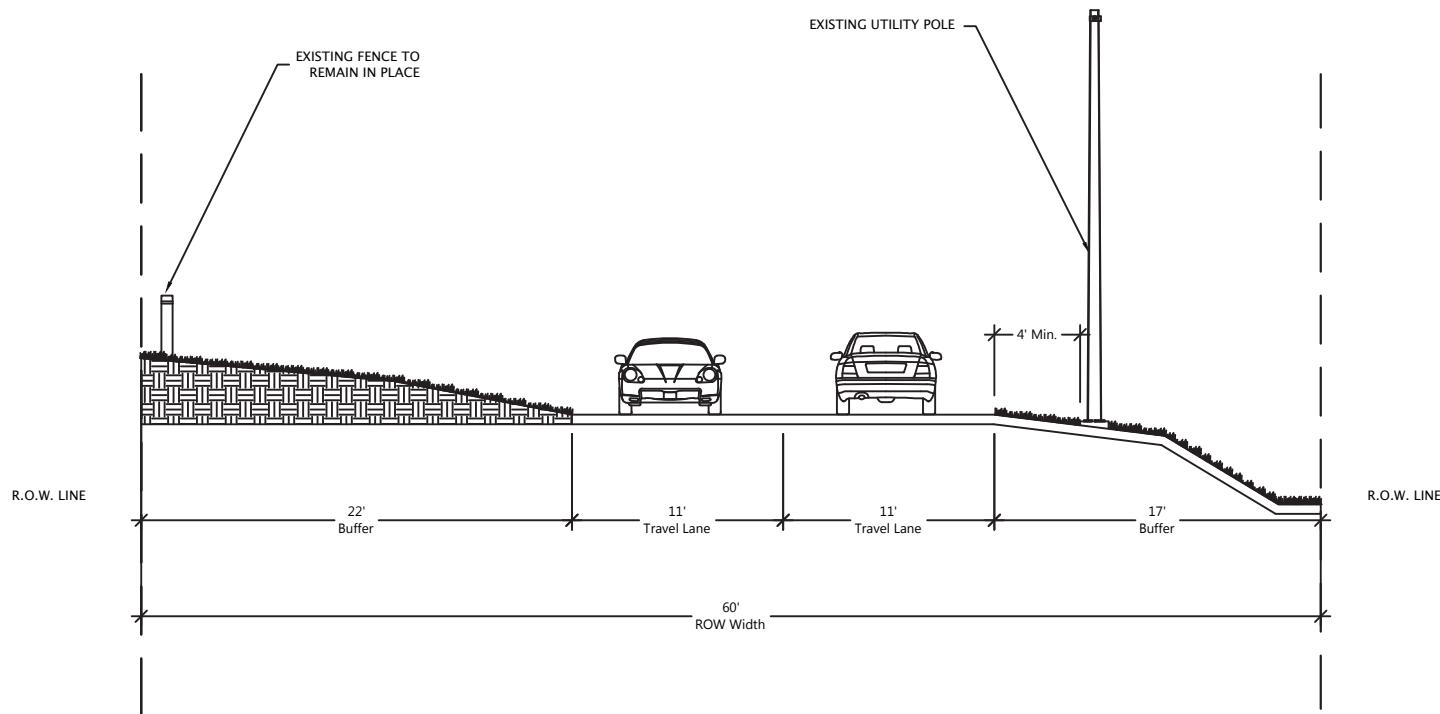
D-D - EXISTING TYPICAL SECTION - Cobb Parkway (U.S. 41)

1" = 10' - 0"



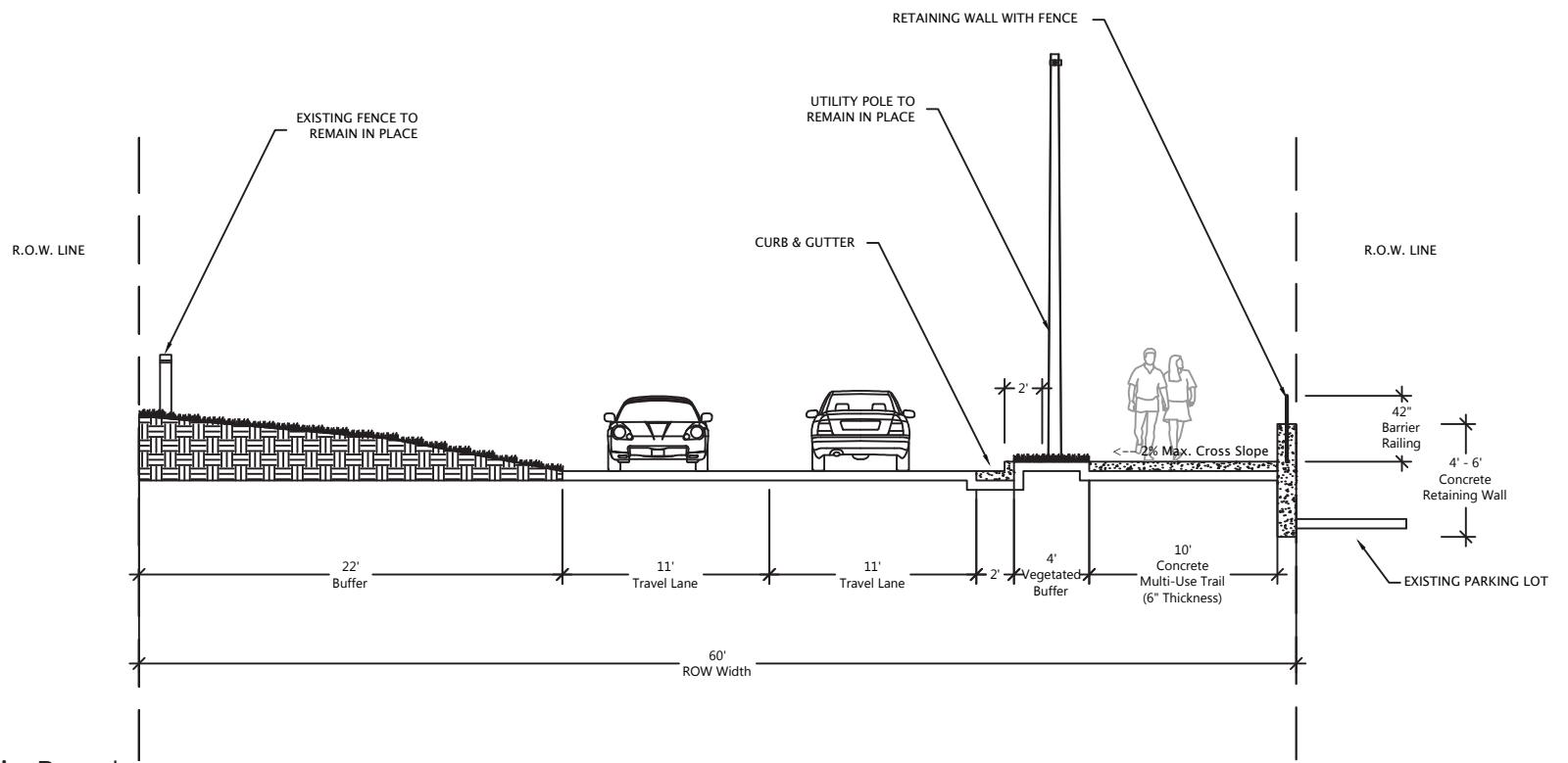
D-D - PROPOSED TYPICAL SECTION - Cobb Parkway (U.S. 41)

1" = 10' - 0"



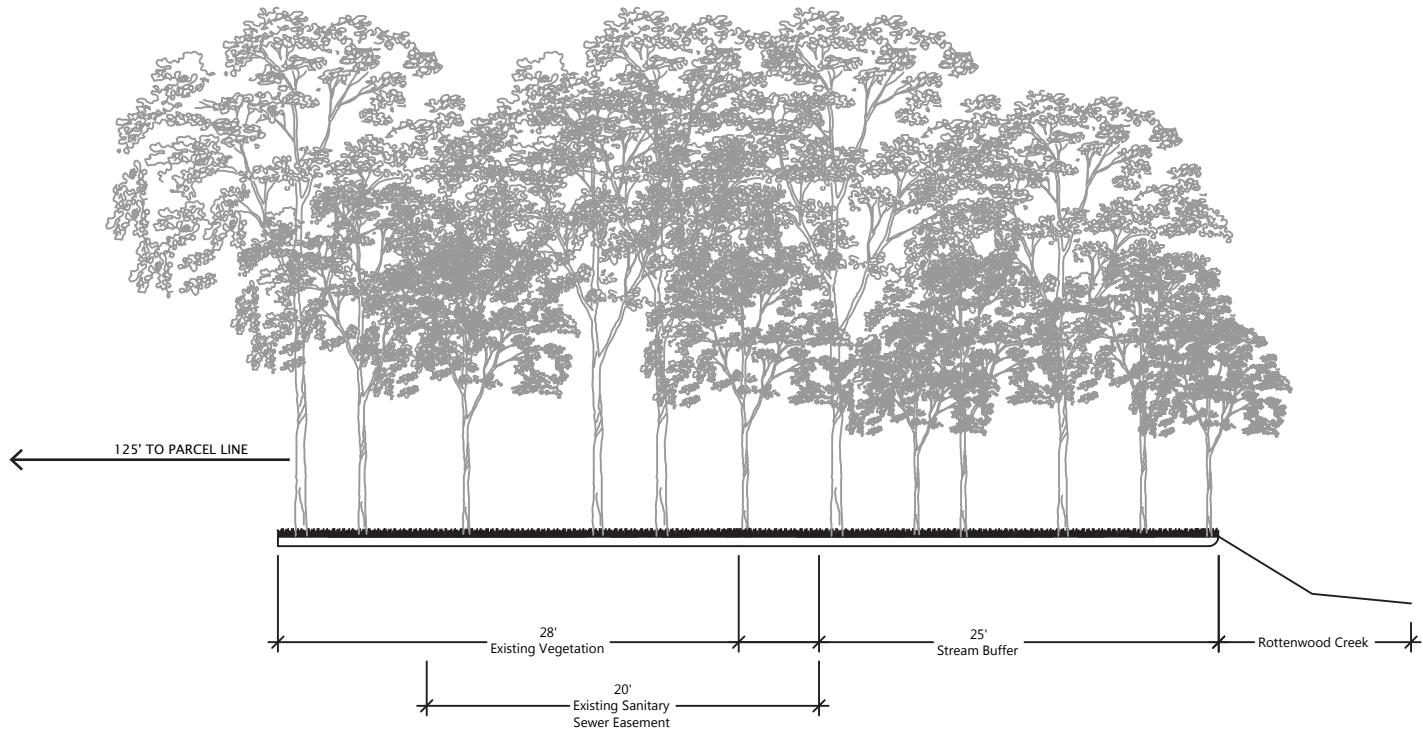
E-E - EXISTING TYPICAL SECTION - Wylie Road

1" = 10' - 0"



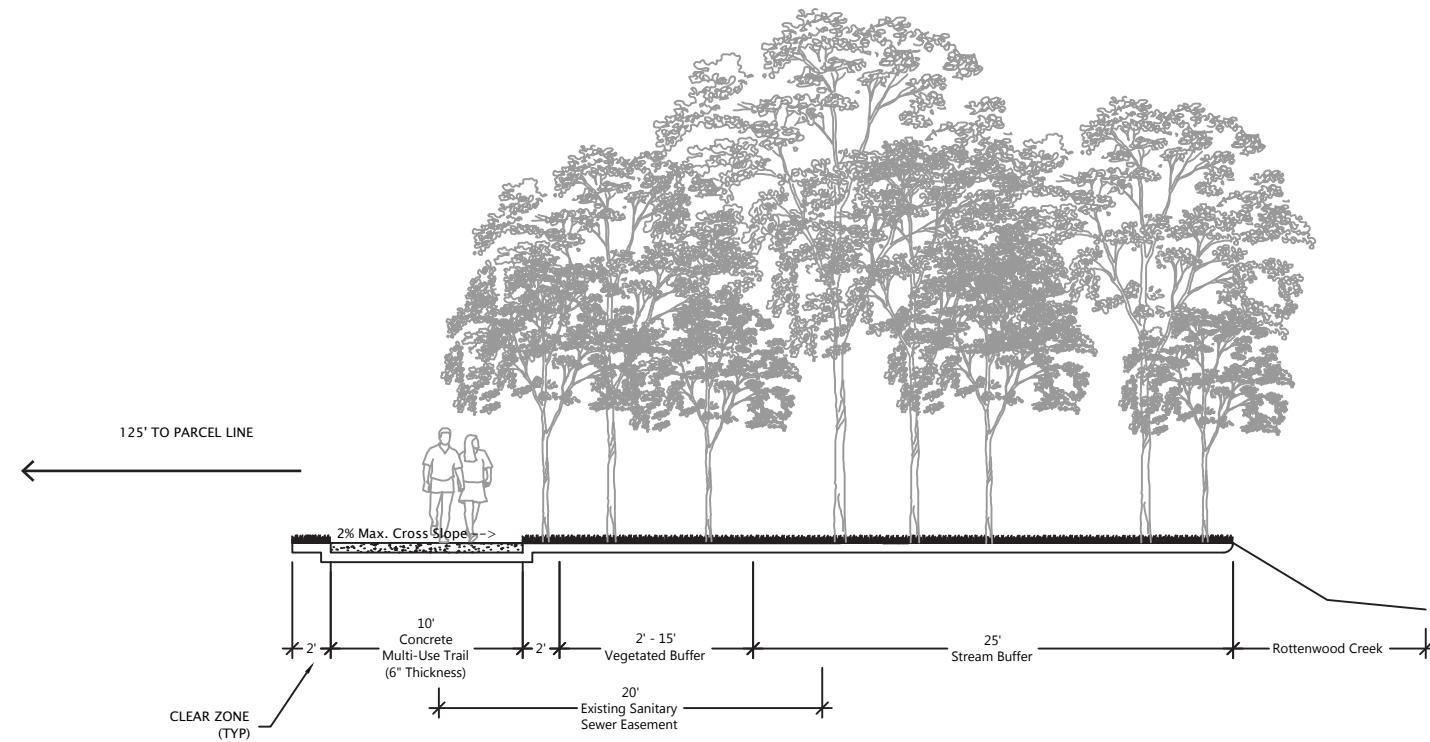
E-E - PROPOSED TYPICAL SECTION - Wylie Road

1" = 10' - 0"



F-F - EXISTING TYPICAL SECTION - Rottenwood Creek

1" = 10' - 0"

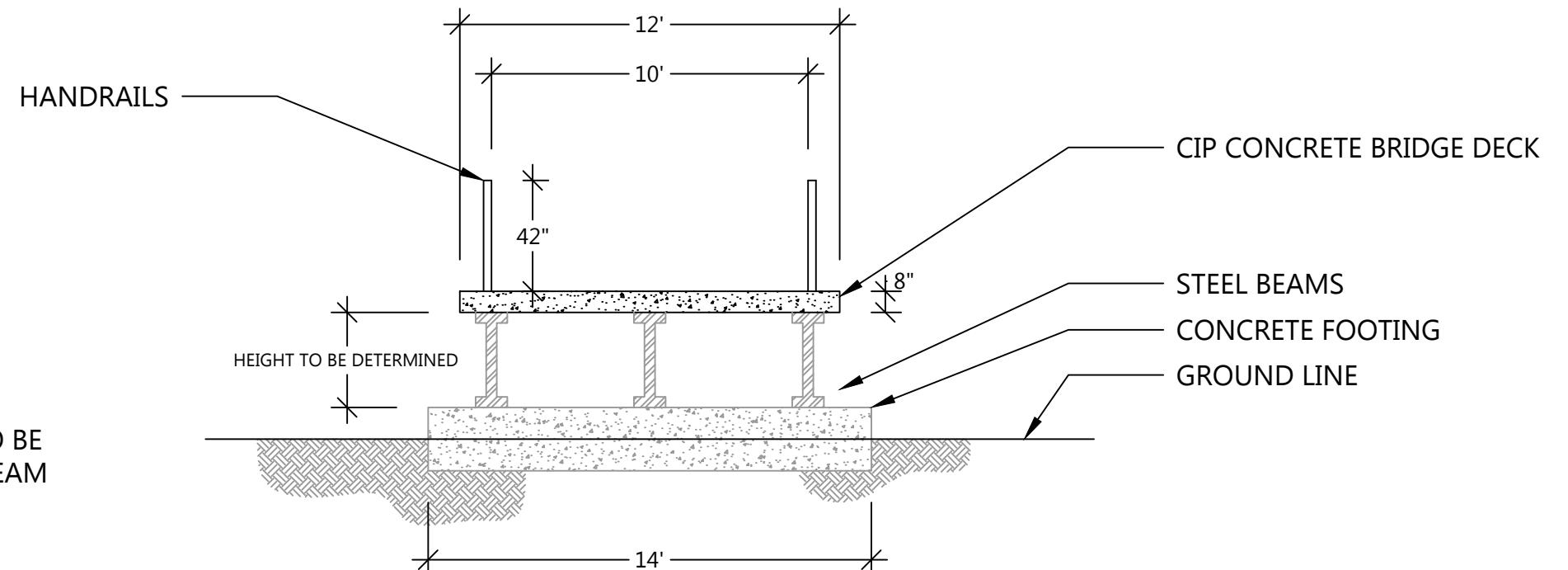


F-F - PROPOSED TYPICAL SECTION - Rottenwood Creek

1" = 10' - 0"

NOTE:

A BEAM DESIGN WILL NEED TO BE
PERFORMED TO DETERMINE BEAM
SIZE.



G-G - EXISTING TYPICAL SECTION - Rottenwood Creek

1" = 5' - 0"

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

ATTACHMENT 3

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. **12873**

OFFICE **Office of Program Delivery**

PROJECT DESCRIPTION

10' concrete multi-use trail extending from the current end of University Trail in the KSU-Marietta campus to the Franklin Road Greenspace. The trail follows Rottenwood Creek, Barclay Circle, Cobb Parkway, and Alumni Drive. Total trail length is 3.1 miles

DATE **December 15, 2015**

From: **Andrew Kohr**

To: Lisa L. Myers, State Project Review Engineer

Subject: REVISIONS TO PROGRAMMED COSTS

PROJECT MANAGER **Peter Emmanuel**

MGMT LET DATE **TBD**

MGMT ROW DATE **TBD**

PROGRAMMED COSTS (TPro W/OUT INFLATION)

LAST ESTIMATE UPDATE

CONSTRUCTION \$ DATE **12/15/2015**

RIGHT OF WAY \$ **1,288,000.00** DATE

UTILITIES \$ **-** DATE

REVISED COST ESTIMATES

CONSTRUCTION* \$ **6,454,044.68**

RIGHT OF WAY \$ **12,880,000.00**

UTILITIES \$ **-**

*Cost Contains **20** % Contingency

REASONS FOR COST INCREASE AND CONTINGENCY JUSTIFICATION:

The project remains in Concept Phase and Detail Designs have not been completed. The contingency accounts for design changes, changes during construction, and increase in construction cost upon letting

CONTINGENCY SUMMARY

A. CONSTRUCTION COST ESTIMATE:	\$ 5,221,719.00	Base Estimate From CES
B. ENGINEERING AND INSPECTION (E & I):	\$ 156,651.57	Base Estimate (A) x 3 %
C. CONTINGENCY:	\$ 1,075,674.11	Base Estimate (A) + E & I (B) x 20 % <u>See % Table in "Risk Based Cost Estimation" Memo</u>
D. TOTAL LIQUID AC ADJUSTMENT:	\$ -	Total From Liquid AC Spreadsheet
E. CONSTRUCTION TOTAL:	\$ 6,454,044.68	(A + B + C + D = E)

REIMBURSABLE UTILITY COSTS

UTILITY OWNER	REIMBURSABLE COST
TOTAL	\$ -

ATTACHMENTS:

Detailed Cost Estimate Printout From TRAQS

Liquid AC Adjustment Spreadsheet

PRELIMINARY COST ESTIMATE

0012873 (COBB)

DATE: 12/15/15

						NOTES
1 DEMOLITION & SITE PREP:						
MOBILIZATION FEE	1	EA	\$10,000.00	\$10,000.00		
CLEARING AND GRUBBING	5.1	AC	\$5,500.00	\$28,050.00	Multi-Use trail and trailhead.	
TEMPORARY SILT FENCE	30,475	LF	\$3.00	\$91,425.00		
TREE PROTECTION FENCING	500	EA	\$300.00	\$150,000.00		
AS-BUILT / RECORD DRAWINGS	1	LS	\$7,500.00	\$7,500.00		
EROSION AND SEDIMENT CONTROL	1	LS	\$65,000.00	\$65,000.00		
TRAFFIC CONTROL	11,000	LF	\$11.50	\$126,500.00		
GRADING COMPLETE	5.1	AC	\$10,000.00	\$51,000.00	Multi-Use trail and trailhead.	
DEMOLITION & SITE PREP COST:				\$529,475.00		
2 PAVING, CURBING, & UTILITIES:						
6" CONCRETE SIDEWALK	150,000	SF	\$8.00	\$1,200,000.00		
PERMEABLE PAVERS (TRAILHEAD)	6,233	SF	\$6.00	\$37,398.00		
12" PERMEABLE SUBGRADE PREP (TRAILHEAD)	6,233	CF	\$4.00	\$24,932.00		
FLUSH CONCRETE CURB (TRAILHEAD)	4,717	LF	\$12.00	\$56,604.00		
CROSSWALK STRIPING - 8"	720	LF	\$28.00	\$20,160.00		
ADA RAMP	32	EA	\$1,000.00	\$32,000.00		
STREAMBANK STABILIZATION	1	LS	\$50,000.00	\$50,000.00		
12" HDPE PIPING	160	LF	\$25.00	\$4,000.00		
6" PERFORATED UNDERDRAIN	100	LF	\$15.00	\$1,500.00		
4" PERFORATED UNDERDRAIN	950	LF	\$12.00	\$11,400.00		
OUTLET CONTROL STRUCTURES / HEADWALLS	15	EA	\$4,000.00	\$60,000.00		
RIP RAP WITH FILTER FABRIC	1	LS	\$20,000.00	\$20,000.00		
CONCRETE RETAINING WALL	2000	SF	\$30.00	\$60,000.00		
GRANITE VENEER RETAINING WALL	33,700	SF	\$55.00	\$1,853,500.00	Life University	
PEDESTRIAN BRIDGE	7,300	SF	\$90.00	\$657,000.00	7 Pedestrian Bridges including foundations, abutments, etc.	
PAVING, CURBING, & UTILITIES COST:				\$4,088,494.00		
3 PLANT MATERIAL:						
NATIVE GRASSES AND WILDFLOWERS	5.1	AC	\$1,500.00	\$7,650.00		
TURF	5300	SF	\$1.00	\$5,300.00		
SHRUBS	500	EA	\$30.00	\$15,000.00	Trailhead	
TREES	150	EA	\$300.00	\$45,000.00		
PLANT MATERIAL COST:				\$72,950.00		
4 OTHER MISCELLANEOUS ITEMS:						
BOLLARDS	6	EA	\$1,000.00	\$6,000.00		
BENCHES	8	EA	\$1,000.00	\$8,000.00		
TRASH RECEPTACLES	8	EA	\$875.00	\$7,000.00		
PEDESTRIAN LIGHTING	80	EA	\$5,500.00	\$440,000.00	Along Alumni Dr., Barclay Cir., and Wylie Rd.	
BIKE PUSHBUTTON AND WIRING	2	EA	\$1,900.00	\$3,800.00	At the intersection of Barclay Cir. And U.S. 41 (Cobb Parkway)	
SIGNAL UPGRADE	1	EA	\$50,000.00	\$50,000.00	At the intersection of Barclay Cir. And U.S. 41 (Cobb Parkway)	
MUTCD SIGNAGE	20	EA	\$150.00	\$3,000.00		
WAYFINDING AND DIRECTIONAL SIGANGE	20	EA	\$650.00	\$13,000.00		
OTHER MISCELLANEOUS ITEMS COST:				\$530,800.00		
SUBTOTAL				\$5,221,719.00		
E & I INSPECTION				\$156,651.57		
20% DESIGN CONTINGENCY				\$1,075,674.11		
TOTAL PROJECT COST				\$6,454,044.68		

ROW COST ESTIMATE

Date: 12/15/2015 Project: ROTTENWOOD CREEK TRAIL - PHASE II
 Revised: County: Cobb
 PI: 12873

Description: 10' concrete trail along Rottenwood Creek within the City of Marietta
 Project Termini: Alumni Drive to Barclay Circle, US41, Wylie Road, and Franklin Road

Existing ROW: 80-125 feet

Parcels: Required ROW: 80-125 feet

Land and Improvements _____ \$1,267,365.33

Proximity Damage \$0.00

Consequential Damage \$0.00

Cost to Cures \$0.00

Trade Fixtures \$0.00

Improvements \$0.00

Valuation Services _____ \$20,000.00

Legal Services _____ \$0.00

Relocation _____ \$0.00

Demolition _____ \$0.00

Administrative _____ \$0.00

TOTAL ESTIMATED COSTS _____ \$1,287,365.33

TOTAL ESTIMATED COSTS (ROUNDED) _____ \$1,288,000.00

Preparation Credits	Hours	Signature

Prepared By: _____

Andrew D. Koh

CG#:

12/15/15

Approved By: _____

CG#:

(DATE)

NOTE: No Market Appreciation is included in this Preliminary Cost Estimate

City of Marietta

FROM: (Andrew Kohr)
Project Manager (Stantec)

DATE: 12/15/15

TO: (Peter Emmanuel)
Project Manager (GDOT)

SUBJECT: PRELIMINARY UTILITY COST ESTIMATE
0012873/Cobb/Rottenwood Creek Trail – Phase 1

As requested by your office, we are furnishing you with a Preliminary Cost Estimate for each utility with facilities potentially located with the project limits.

FACILITY OWNER	REIMBURSABLE	NON-REIMBURSABLE	TOTAL
Atlanta Gas Light Company	\$0.00	\$0.00	\$0.00
AT&T (Bellsouth)	\$0.00	\$0.00	\$0.00
Comcast (Fiber)	\$0.00	\$0.00	\$0.00
Zayo Fiber Solutions (Fiber)	\$0.00	\$0.00	\$0.00
Marietta Water and Sewer	\$0.00	\$0.00	\$0.00
Cobb-Marietta Water Authority	\$0.00	\$0.00	\$0.00
Verizon Business (Telecom)	\$0.00	\$0.00	\$0.00
Marietta Power (Electric)	\$0.00	\$0.00	\$0.00
Cobb EMC (Electric)	\$0.00	\$0.00	\$0.00
Georgia Power Transmission	\$0.00	\$0.00	\$0.00
Georgia Power Distribution	\$0.00	\$0.00	\$0.00
Municipal Electrical Authority of Georgia	\$0.00	\$0.00	\$0.00
TOTAL	\$0.00	\$0.00	\$0.00

This estimate is based upon the current information. We will provide an updated estimate when the plans are further developed.

If you have any questions, please contact Andrew Kohr at 770-492-2667.

Environmental Screening Survey

Project Name: Rottenwood Creek Trail, City of Marietta
County: Cobb
GDOT P.I. No.: 0012873
Consultant Firms: Edwards-Pitman Environmental, Inc. for Stantec (Urban Places Group)
Date: September 4, 2015

Site Description: The proposed project would involve construction of a trail along the Rottenwood Creek in Cobb County. The study area was the Rottenwood Creek area between Atlanta Street and just east of Franklin Street and north of SR 120/S. Marietta Parkway to just south of SR 280/Delk Road. The approximate limits of this survey area are provided in *Screening Study Area/Community Facilities* map on page 2.

General Land Use Description:

Given the corridor's close proximity to many of Cobb County's primary transportation corridors (including SR 120, I-75, SR 280 and Atlanta Street), the natural topography in the area has largely been altered. Given the size of the study area, the land uses are highly diverse and include light industrial, commercial, residential (both single-family and multi-family), institutional and public land uses. There are a number of schools located within the greater study area including Kennesaw State University's Marietta campus and Life University. In addition, the study area contains a number of other community facilities and park properties. The locations of these facilities are provided in the *Screening Study Area/Community Facilities* map on page 2.

Ecology:

Author: Ryan Cook

Date Surveyed: February 12, 2015

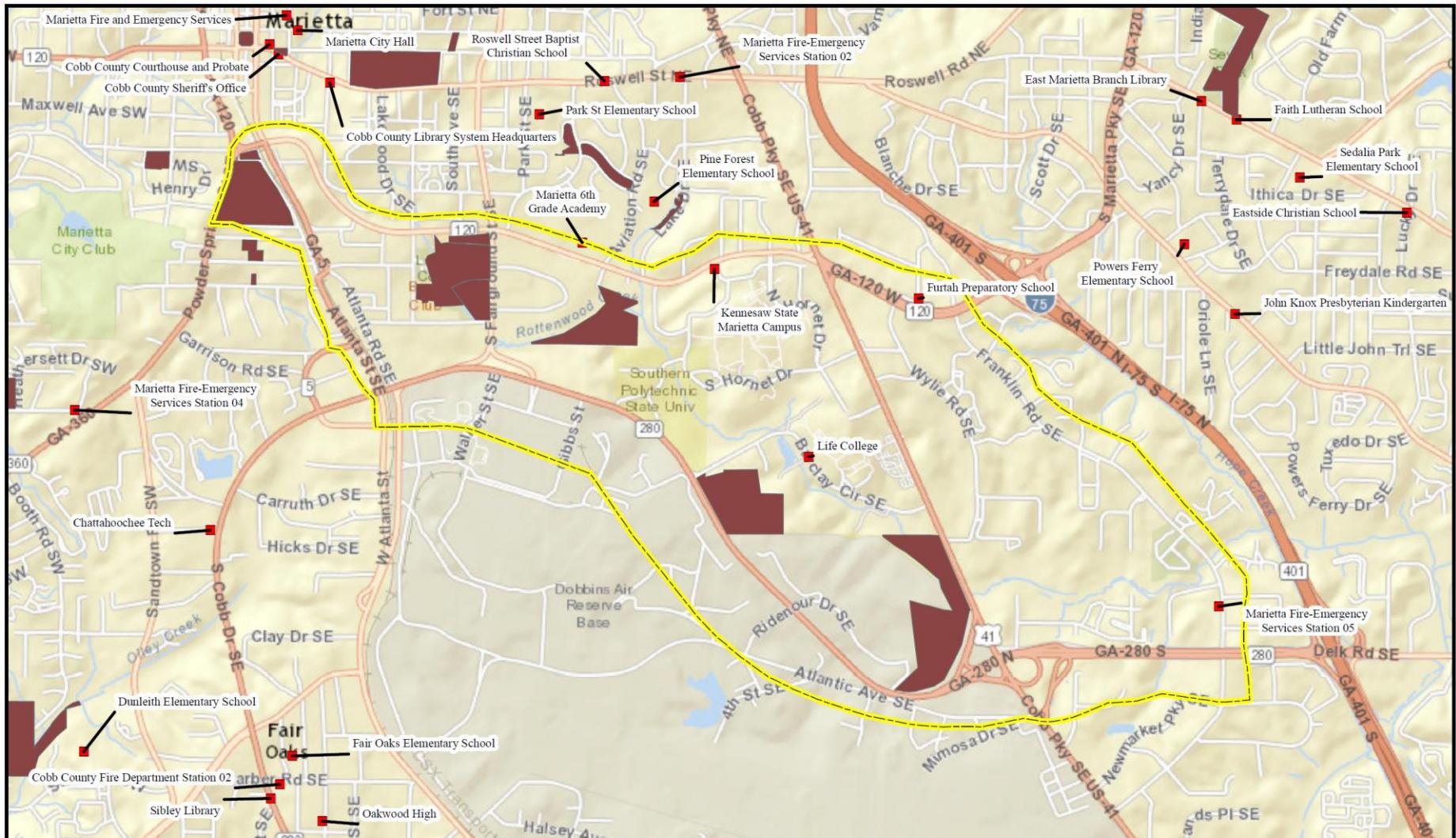
<i>Ecological Resource(s) Identified:</i>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
<i>Resource Type:</i>	Stream <input checked="" type="checkbox"/>	Wetland <input checked="" type="checkbox"/>	Open Water <input checked="" type="checkbox"/>	T&E/Habitat <input checked="" type="checkbox"/>	
<i>Any State Buffered Waters?</i>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
<i>Any Jurisdictional Waters?</i>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			

Streams/Wetlands:

On February 12, 2015, a desktop survey was conducted for environmental resources located within and immediately adjacent to the screening area. In addition to the Rottenwood Creek, a state buffered jurisdictional water of the US, the screening survey identifies a number of jurisdictional wetlands and open waters. These resources were not delineated; however, they are approximately located on the attached *State and Federal Waters* map on page 3. This information is for planning purposes only and a full delineation of the waters of the US should be performed prior to project permitting and construction.

Protected Species:

Additionally as a part of the environmental screening, the US Fish and Wildlife Service's (USFWS) Information, Planning, and Conservation System (IPaC) and the Georgia Department of Natural Resource (GADNR) websites were consulted for information regarding potential impacts to federally protected species related to implementation of the proposed project. The USFWS IPaC list identifies three species of concern within Cobb County, including the federally threatened Cherokee darter (*Etheostoma scotti*) and little amphianthus (*Amphianthus pusillus*), and the proposed federally endangered northern long-eared bat (*Myotis septentrionalis*). The GADNR Cobb County list identifies the federally threatened Cherokee darter, federally endangered Gulf moccasinshell (*Medionidus penicillatus*) and dwarf sumac (*Rhus michauxii*), and two federal candidate species, the monkeyface orchid (*Platanthera integrilabia*) and Georgia aster (*Sympyotrichum georgianum*) as having known occurrences within



Screening Study Area/Community Facilities



Rottenwood Creek Trail
Cobb County

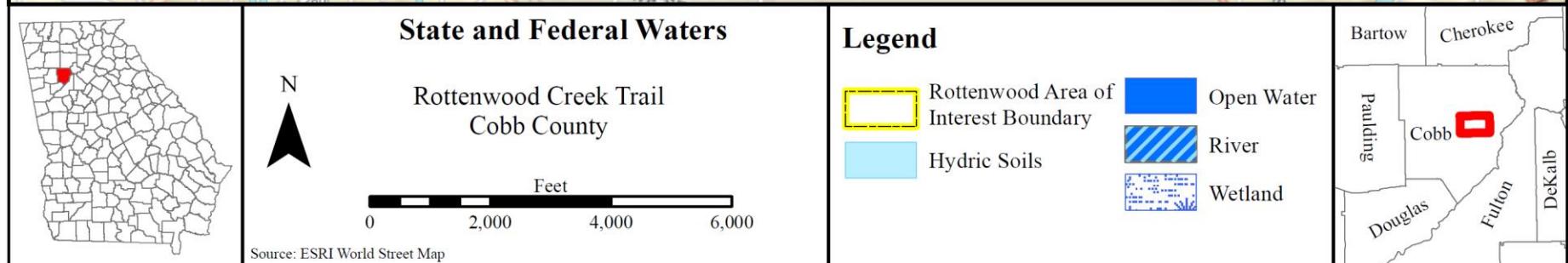
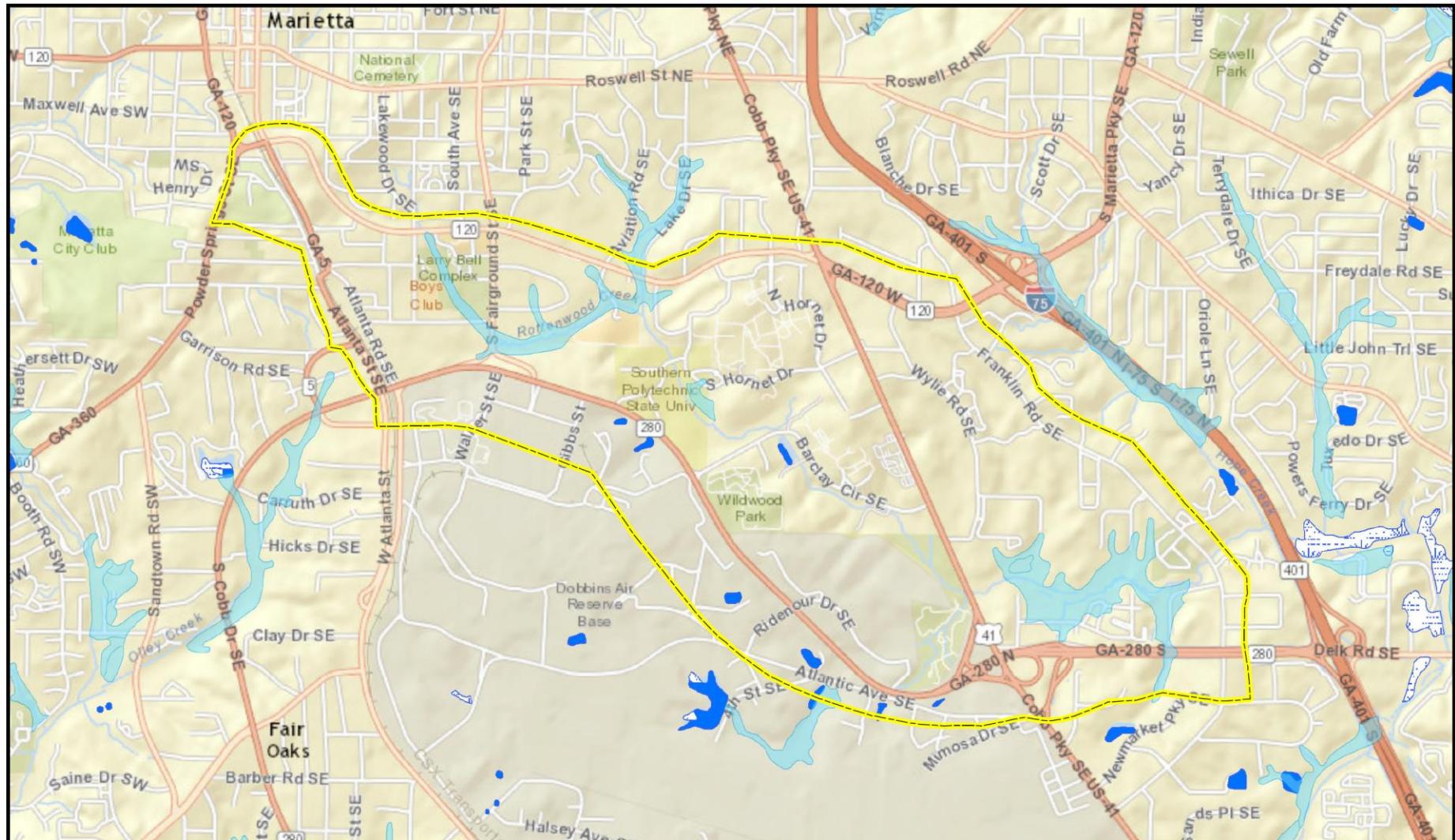
0 2,000 4,000 6,000
Feet

Source: ESRI World Street Map

Legend

- Rottenwood Area of Interest Boundary
- Parks
- Community Facilities





Cobb County. In addition to the above mentioned federally protected species, three state protected species are listed on the GADNR quarter-quad lists within three miles of the proposed project including the sun-loving draba (*Draba aprica*), delicate spike (*Elliptio arctata*), and Chattahoochee crayfish (*Cambarus howardi*).

The proposed project occurs within the Etowah River watershed [Hydrologic Unit Code (HUC) 03150104]. One federally protected species, Gulf moccasinshell, and two state protected species, delicate spike and Chattahoochee crayfish, do not occur within the same watershed as the proposed project; therefore, would not be a species of concern during project development or construction.

Little Amphiантus – Federally Threatened

Little amphiантus occurs on shallow, flat bottomed depressions (vernal pools) on granite outcrops with thin, gravelly soils and winter-spring inundation. No granite outcrops were observed within the screening area. More intensive field surveys may identify habitat for this species; however, based on the screening survey it does not appear that little amphiантus would be a species of concern during project development.

Cherokee Darter – Federally Threatened

Cherokee darters typically inhabit small to medium sized streams and are found in association with gravel and cobble substrate. They are not found in streams with moderate or thick deposits of silt and sediment, as they require clean bed sediment for spawning. The majority of streams identified within the screening area had substantial sediment loads; however, areas of thinner sediment deposits and gravel/cobble substrates were observed. A protected aquatic species survey would potentially be required.

Dwarf Sumac – Federally Endangered

Dwarf sumac are found in dry, open, rocky, or sandy woodlands over mafic bedrock with high level of calcium, magnesium, or iron; often on ridges and river bluffs. The wooded areas observed within the screening area were generally too densely vegetated to support the dwarf sumac. More intensive surveys may identify pockets of suitable habitat for this species; however, based on the screening survey it does not appear that dwarf sumac would be a species of concern during project development.

Northern Long-Eared Bat – Proposed Endangered

The northern long-eared bat relies on dense areas of forest for maternity and day roosts. During the day, this species may roost in cavities in trees or in crevices under loose bark. It may also roost in buildings and other man-made structures. The northern long-eared bat is known to forage along forest edges, on hillsides and ridges, in clearings, canopies, and over water. The northern long-eared bat hibernates in small groups in caves and abandoned mines from late autumn to early spring. No caves or abandoned mines were observed during the screening survey; however, forested habitats within the screening area provide potential roosting habitat, flyways, and foraging habitat. Due to the significant fragmentation of habitat within the screening area, it is unlikely that northern long-eared bats would utilize the area; however, utilization of the area cannot be ruled out.

Monkeyface Orchid – Federal Candidate

Monkeyface orchids are found in seepage sphagnum bogs, near springheads, on seepy stream banks, or in red maple (*Acer rubrum*) – blackgum (*Nyssa sylvatica*) swamps. It often is found growing with primrose-leaved violet (*Viola primulifolia*), green woodland orchid (*Platanthera clavellata*), cowbane (*Cicuta virosa*), and grass-of-Parnassus (*Parnassia* spp.). Seepy wetlands were observed within the screening area and further examination of these habitats would be warranted during project development in order to determine the suitability of these areas as habitat for monkeyface orchids.

Georgia Aster – Federal Candidate

Georgia aster are found at the edges and openings in rocky, upland oak (*Quercus* spp.)-hickory (*Carya* spp.)-pine (*Pinus* spp.) forests, and rights-of-way through these habitats, usually with circumneutral soils. The majority of the screening area consisted of highly manicured and maintained landscapes, which would not provide suitable habitat for Georgia aster. However, portions of the screening area do contain utility line rights-of-way and road rights-of-way which are less manicured and warrant a more detailed analysis during project development, in order to determine the suitability of these areas for Georgia aster.

Sun-loving Draba – State Endangered

Sun-loving draba are found in areas of shallow soils, on and around granite outcrops, usually near the edges of “islands” of eastern red cedar (*Juniperus virginiana*) trees. No granite outcrops or areas of shallow soils were observed within the screening area. More intensive field surveys may identify habitat for this species; however, based on the screening survey it does not appear that sun-loving draba would be a species of concern during project development.

Floodplains:

Based on a desktop survey of Federal Emergency Management Agency (FEMA) mapping for this project, the study area does contain regulatory floodplain associated with Rottenwood Creek. The locations of these floodplains are provided in the *Floodplains* map on page 6.

Archaeology:

Author: Phil Quirk

Date Surveyed: February 11, 2015

Archaeological Resource(s) Identified:

Within One Kilometer:	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number of Sites: 4
Within Survey Boundary:	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>	Number of Sites: 2

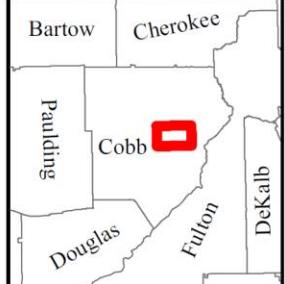
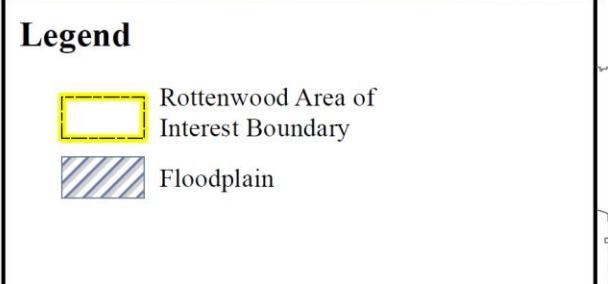
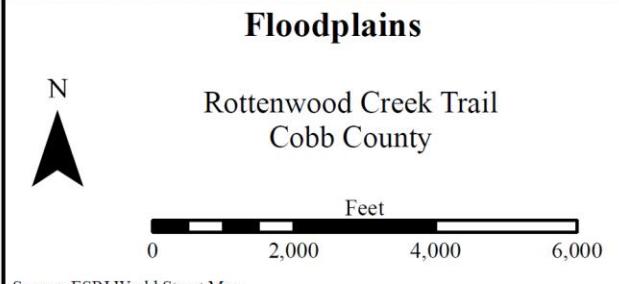
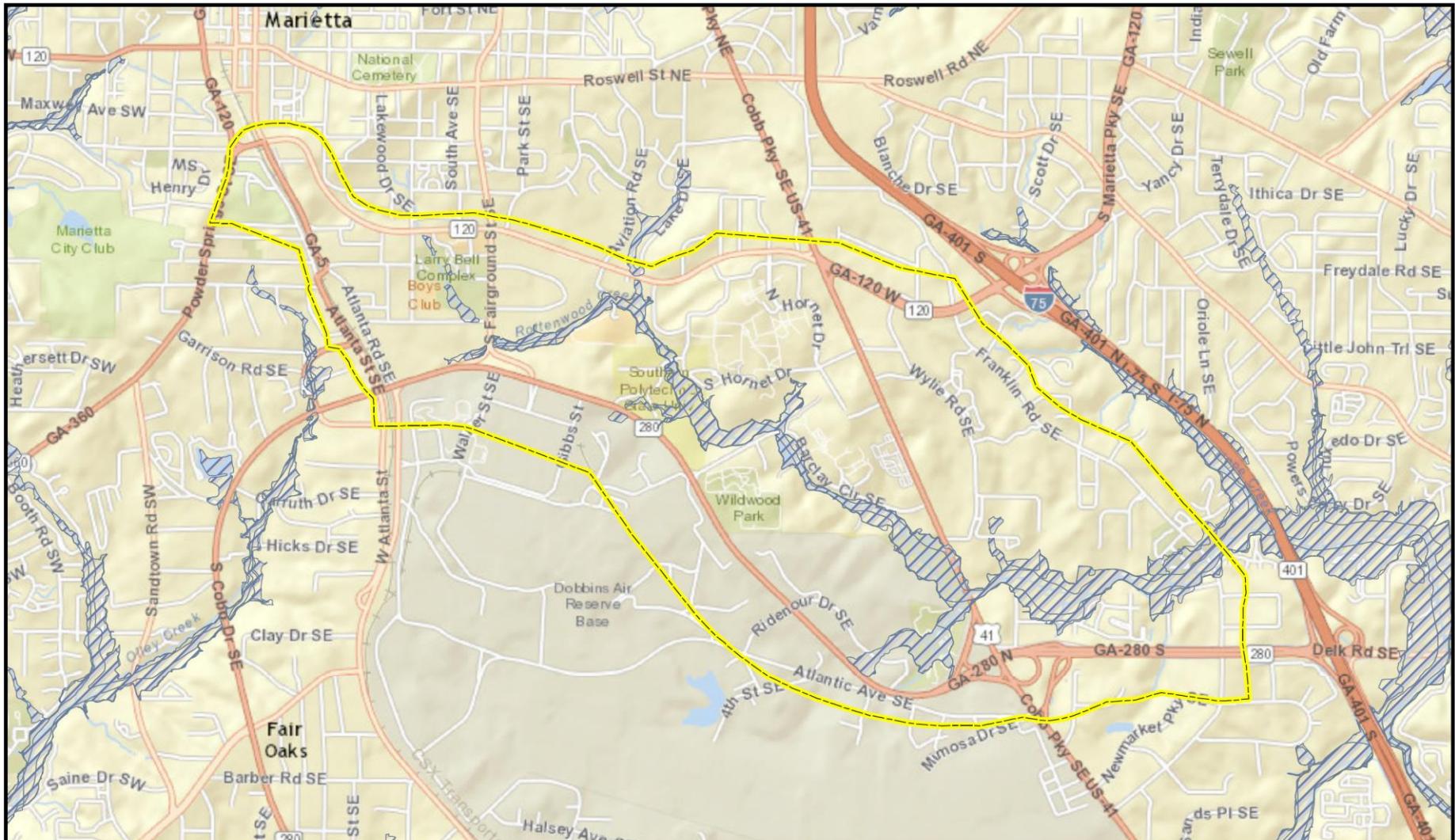
Previously Recorded Sites/Surveys:

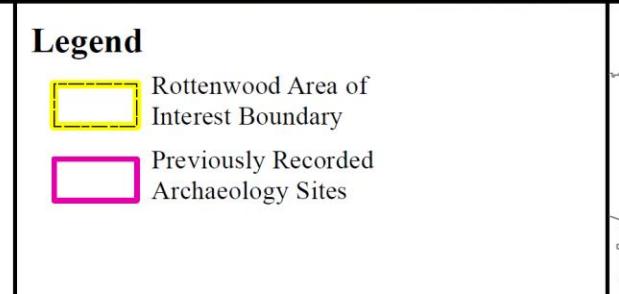
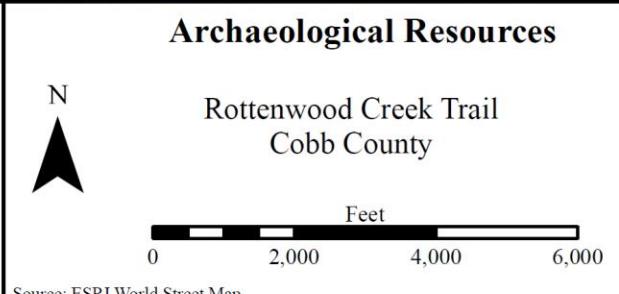
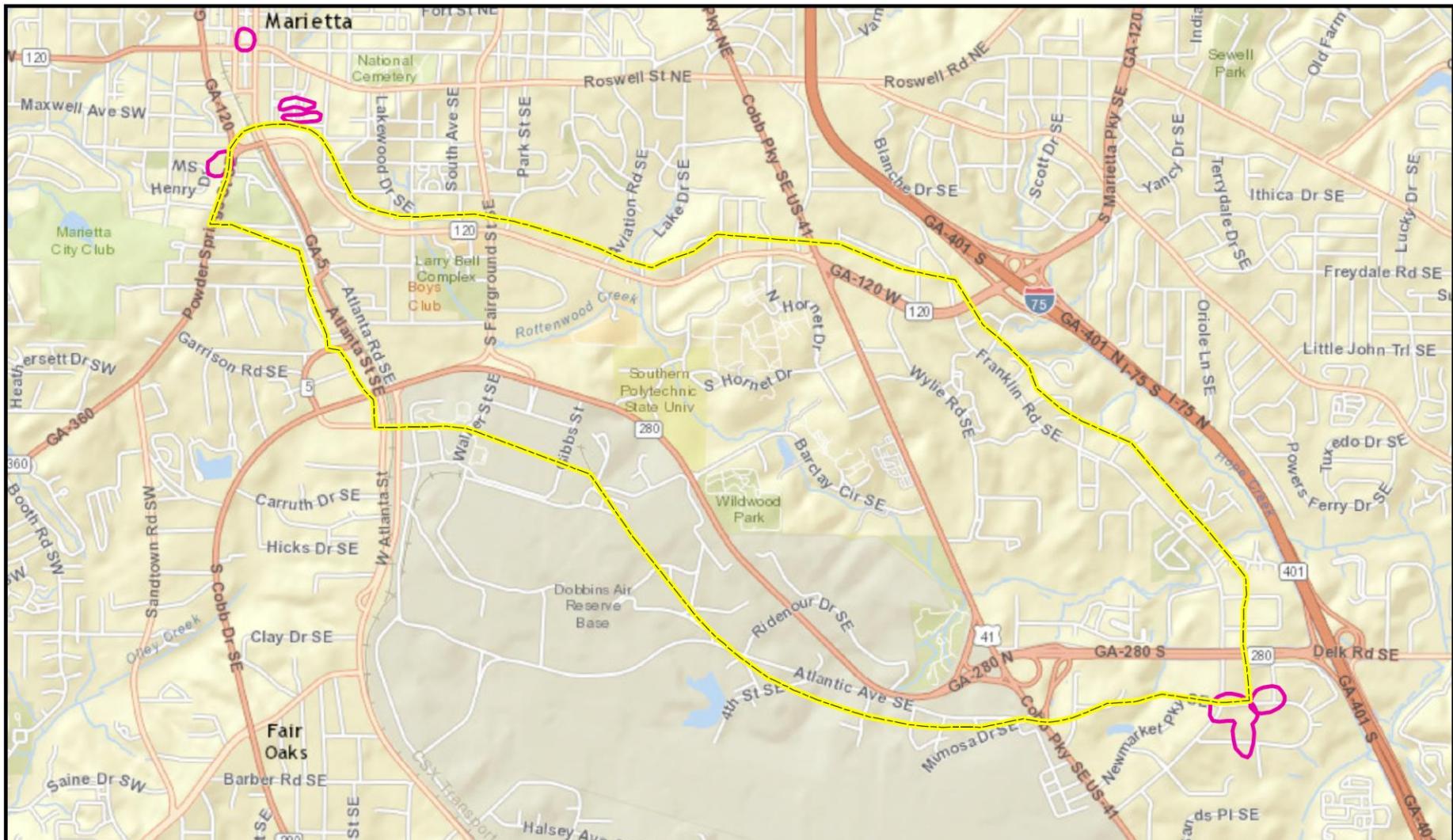
On February 11, 2015, a check of the Georgia Archaeological Site File (GASF) was conducted electronically for this project using the GNAHRGIS database at the University of Georgia in Athens. Two previously recorded archaeological sites, 9CO124 and 9CO407, have small portions that extend into the Rottenwood Creek Area of Interest (AOI). Two additional previously recorded archaeological sites, 9CO30 and 9CO679 are located immediately adjacent to the AOI. Two other previously recorded sites, 9CO403 and 9CO680, are located within one kilometer of the AOI. Table 1 provides information regarding each of the archaeological sites. The approximate locations of the sites relative to the study area are provided on the *Archaeological Resources* map on page 7.

Table 1. Previously recorded archaeological sites within 1 kilometer of AOI

Site Number	Site Type	Cultural Affiliation	NRHP Recommendation	Reference
9CO30	Lithic scatter	Late Archaic	Unknown	GASF 1973
9CO124	Structure	Nineteenth Century	Unknown	GASF 1978
9CO403	Prehistoric ceramic and lithic scatter; Historic artifact scatter	Indeterminate Precontact; Nineteenth-Twentieth Century	Unknown	GASF 1995a
9CO407	Lithic scatter	Archaic	Unknown	GASF 1995b
9CO679	Historic artifact scatter	Nineteenth-Twentieth Century	Unknown	Jordan and Bowen 2005
9CO680	Historic artifact scatter	Nineteenth-Twentieth Century	Ineligible	Jordan and Bowen 2005

There have been nine previous archaeological surveys that have portions within the AOI (Alford 1976; Earth Tech 1997; Entorf 1988; Gale 2006; Jordan and Bowen 2005; Pietak 2005, 2007; Wood 2008; Woodliff 2011). None of these projects recorded archaeological resources within the Rottenwood Creek AOI.





Cemeteries:

Four cemeteries are located within the Rottenwood Creek AOI, including the Marietta City Cemetery/Confederate cemetery, and three other smaller church and/or family cemeteries. The locations of these cemeteries are provided in the *Cemetery Locations* map on page 9.

History:

Author: Mark Grindstaff

Date Surveyed: February 26, 2015

Structures 50+ year Identified:

Within Survey Boundary: Yes No

Survey Methodology:

For the purposes of the screening, EPEI grouped the identified resources into three distinct categories: 1) those requiring individual evaluation for eligibility on the National Register of Historic Places (National Register); 2) those that appear to be part of larger National Register-eligible historic districts; and, 3) those that are already listed on the National Register. For the resources requiring individual evaluation, EPEI identified properties constructed in, or prior to, 1965, as these resources are recognized as “historic” by National Register evaluation standards as of 2015. In identifying resources that appear to be part of larger historic districts, EPEI extended the survey period to 1969 to conform with the period of significance for certain types of mid-twentieth century domestic architecture established in *The Ranch House in Georgia: Guidelines for Evaluation*.

After establishing the spatial and temporal parameters of the screening, EPEI consulted Cobb County tax assessor’s records for all properties within the survey corridor in order to ascertain each property’s date of construction. Review of tax assessor’s records was also undertaken for numerous properties located beyond the survey corridor in order to establish approximate boundaries of potential historic districts in the vicinity of the corridor. In addition to the tax records, the National Park Service’s inventory of National Register-listed properties in Cobb County and the Department of Natural Resources’ Natural, Archaeological, and Historical Resources GIS (NAHRGIS) database were consulted to identify any previously surveyed historic resources located along the corridor. Finally, a windshield survey of the corridor was conducted to determine the validity of the database research.

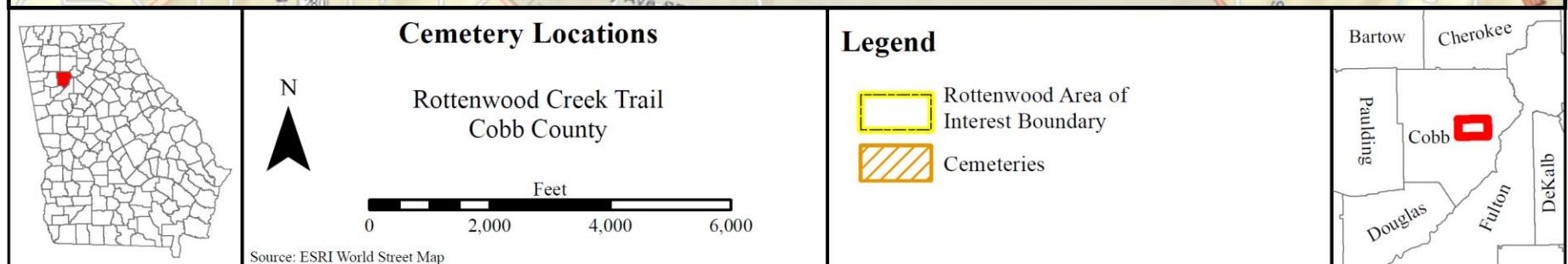
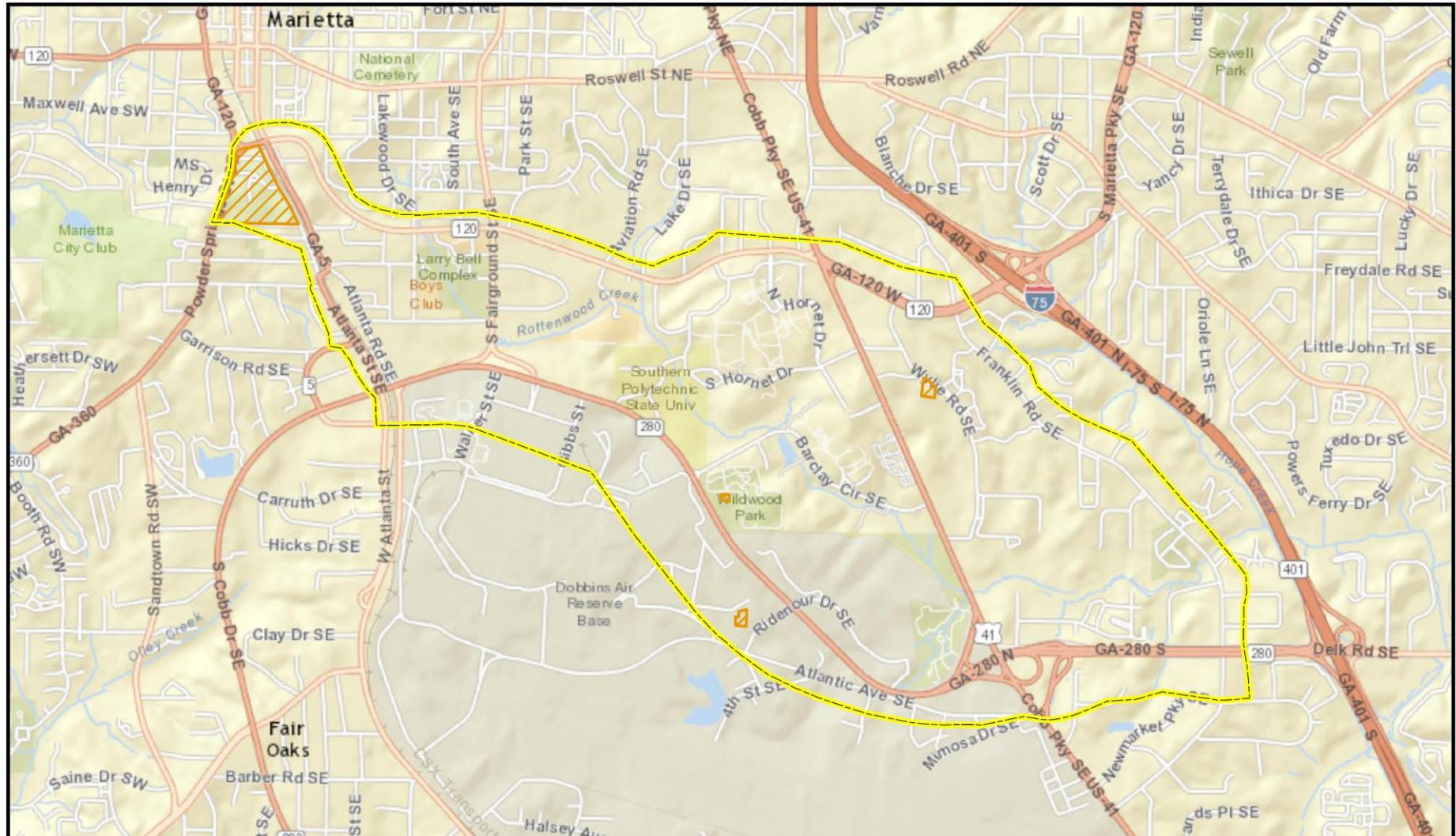
Survey Results

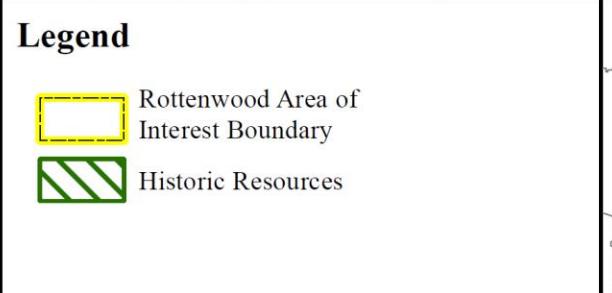
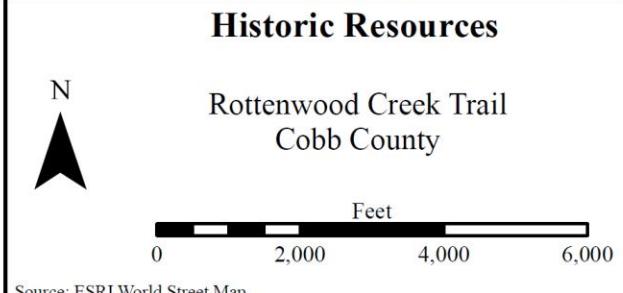
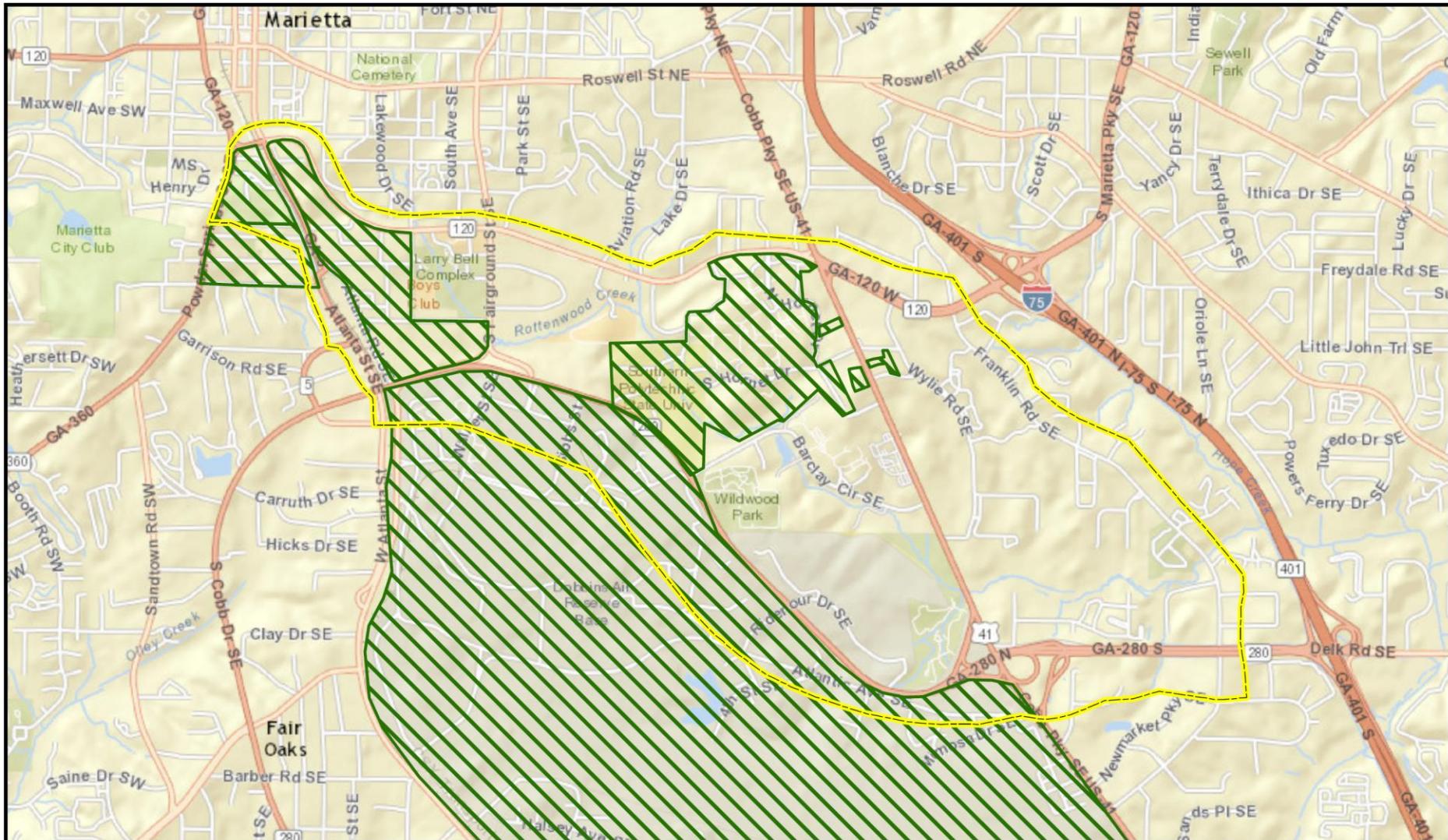
The results of the screening are as follows:

- No National Register-listed historic resources were identified along the survey corridor.
- No previously surveyed historic resources were identified in the Department of Natural Resources’ NAHRGIS database.
- Numerous historic resources were identified along the corridor based on information obtained from the Cobb County tax assessor’s records, a review of previously prepared historic resource survey reports, and the windshield survey.

The resources identified include several examples of single and multi-family housing; commercial, industrial, and institutional structures; and a cemetery. The locations of the resources identified are provided on the *Historic Resources* map on page 10. According to the tax assessor’s records, these properties were constructed between the mid-nineteenth and mid-twentieth centuries.

The National Register eligibility of most of these properties is unknown. The only resources that can be confirmed eligible at this time are the Marietta City Cemetery and the Glover’s Grove Historic District (located directly south of the cemetery), which were previously identified and determined eligible as part of the studies undertaken for a Transportation Enhancement project (Cemetery Trail) for the City of Marietta in 2012.





For the remaining properties, additional research and documentation would be required before an adequate assessment of each property's National Register eligibility can be made. However, based on the preliminary research and windshield survey, the following conditions were observed:

- There are numerous residential properties directly south of State Route 120 and east of Atlanta Street that comprise what is either an eligible historic district or multiple historic districts.
- It is likely that an internal cultural resources investigation has already been undertaken by Dobbins Air Base and approved by the Georgia SHPO. It is recommended that coordination with the base be undertaken during the formal initiation of the Section 106 process for the proposed project in order to determine whether or not any individual properties within the property boundary of the base have been identified and determined eligible for the National Register, and, if so, whether or not any of these eligible properties would potentially be impacted by the Rottenwood Creek Trail project.
- Based on a review of property records, only two historic buildings are located on the campus of the Kennesaw State University Marietta Campus. As a result, it is unlikely that the entire property would be eligible for the National Register.
- Three potentially eligible properties along Cobb Parkway were identified within the study corridor. These properties were previously identified during studies for a proposed bus rapid transit project along Cobb Parkway undertaken by the Federal Transit Administration (FTA). In addition, several other historic properties were identified during these studies but were recommended ineligible for the National Register. However, the report documenting these recommendations has not received approval from either FTA or the Georgia SHPO at this time.

It should be noted that all assumptions and observations regarding resource eligibility made in this report are preliminary and have not been reviewed or approved by the Georgia SHPO. As such, they are subject to change.

Air Quality/Noise:

Author: Russ Danser, AICP

Date Surveyed: September 3, 2015

Impacts Anticipated: Yes No

Ozone: This project is identified in the conforming TIP by reference number #CO-448.

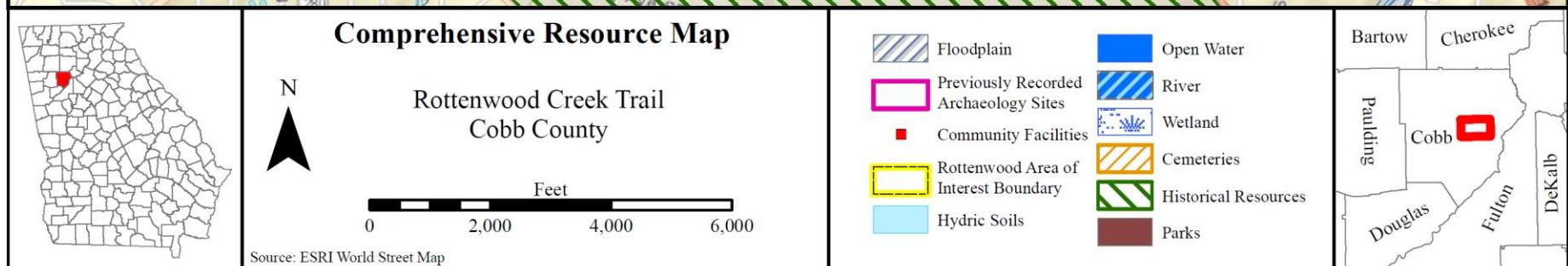
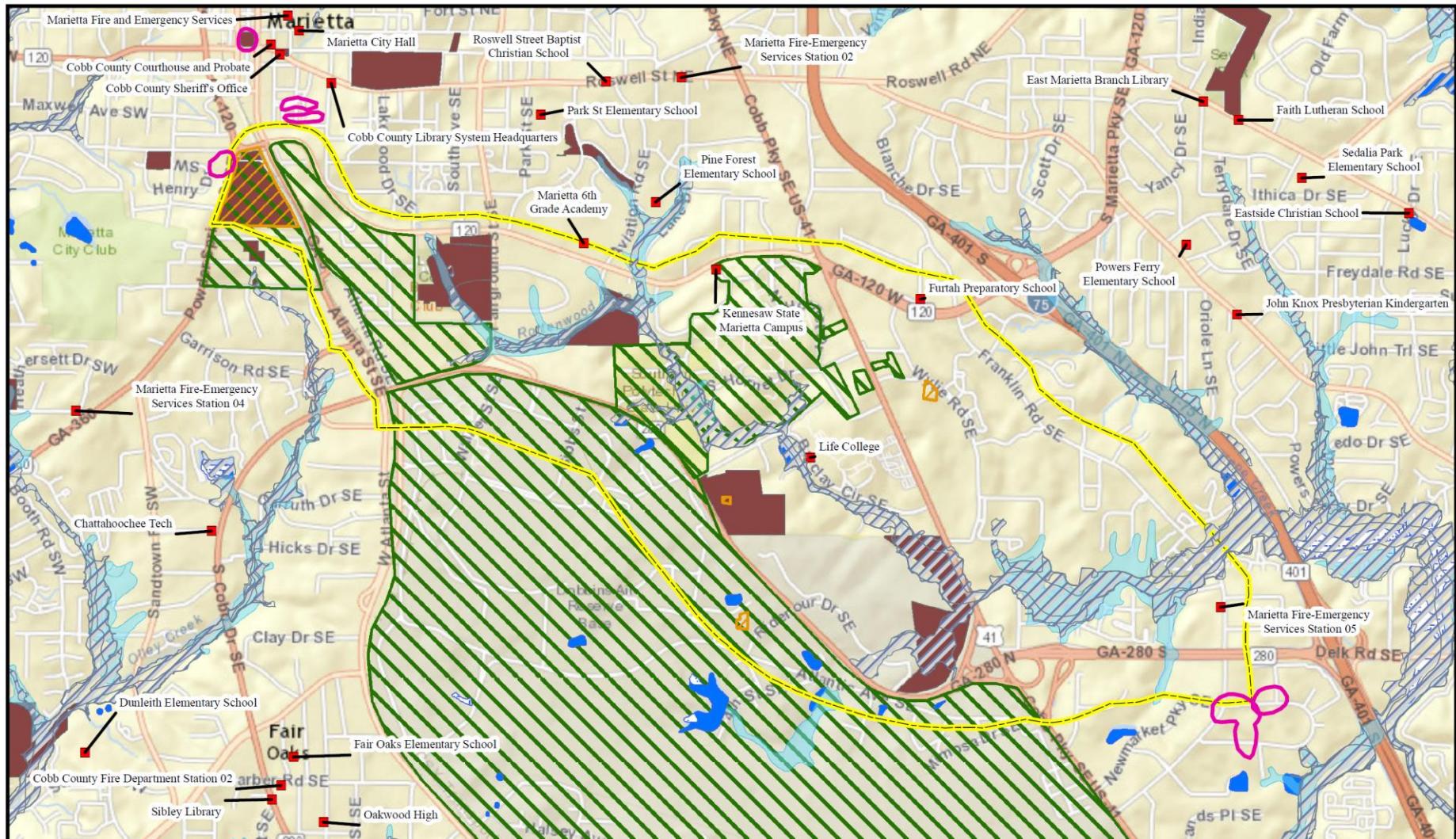
CO: Given the project type (multiuse trail), it is not anticipated that this project would significantly impact CO concentrations and would, therefore, not require a CO hot-spot analysis.

PM_{2.5}: It is anticipated that this project, when evaluated by an interagency group consisting of FHWA, EPA, EPD and the MPO, would be Exempt per the Transportation Conformity Rule and thus meet the statutory and regulatory requirements for PM_{2.5} hotspots without a qualitative analysis.

MSAT: It is anticipated that the proposed project would be classified as a project with *No Potential MSAT Effects*.

Noise: It is anticipated that this project meets the definition of a Type III project and does not require a noise study or abatement of highway noise impacts.

Given the number of resources identified in this screening memo, a Comprehensive Resource Map has been prepared and is provided on page 12.



ATTACHMENT 5



Meeting Minutes

Kickoff Meeting

Rottenwood Creek Trail Scoping Study

Date/Time: October 16, 2014 / 12:30 PM

Place: City of Marietta 2nd Floor Conference Room

Next Meeting: November 18, 2014

Attendees: Richard Crim (Dobbins Air Reserve Base); Rich Deckman (City of Marietta Parks and Recreation); Charlie Lanz (City of Marietta Public Works); Kyethea Clark (City of Marietta Economic Development); Beth Sessoms (Manager, Econ. Development – City of Marietta); David Hilker (SPSU Facilities); John Anderson (KSU Facilities); Mine Hashas-Degertekin (SPSU – Architecture Department); Kasey Helton (SPSU); Elaine Armster (GDOT/OPD); Andrew Kohr (Stantec); Nathan Aarons (Stantec); Mitchell Greenway (Stantec); Elise Cormier (Smart Landscapes)

Absentees:

Distribution: At behest of the City of Marietta

Item:

Introductions/Project Expectations

All attendees introduced themselves.

Kyethea Clark (City) presented a powerpoint presentation with an overview of the project, project stakeholders, and project context.

Kyethea led a discussion on expectations that everyone had for the project and if they didn't, what were their initial thoughts and anticipated outcomes. The comments were as follows:

- Connectivity and coordination
- To be built
- Stay out of building footprints, or potential building footprints
- Develop a good quality multi-use trail
- Nice design
- Ecology development
- Involvement
- Soften neighboring boundaries
- Embrace community
- Built assets
- Transportation amenities
- Well-built trail
- Quality facility
- Secure perimeter
- Maintenance
- Create 1 community – connectivity
- Successful project
- Design the best trail possible

Design with community in mind

- Get trail built
- Action/ implementation
- Improve quality of life and connectivity
- Branding
- Game changer
- Give Silver Comet Trail competition

Project Work Plan - Andrew Kohr

Andrew Kohr walked those present through the Project Work Plan that outlines the process and final deliverables.

Discussion – “What Do We Need to Know”

Andrew Kohr led a group discussion about the project area and solicited feedback about key components. The following items were noted on a map and discussed. They are listed below and their order does not represent importance or order they were discussed.

- History: Rottenwood Creek was the route that Sherman used during the Atlanta campaign in the Civil War.
- Security is important: Lighting, emergency call boxes, and cameras were all discussed.
- Professor Hashas has previously conducted studio projects along the creek. They have studied the health of the creek.
- Amenities that may be nice:
 - stations for ecological learning (particularly on portions of the creek within the SPSU/KSU campus)
 - interpretive signage along the trail to highlight ecology of the creek and woodland areas.
 - Exercise stations along the trail
 - Trailheads should support mechanisms needed (bike storage/parking)
 - Bus routes connecting at trailheads need to have bike racks
 - Directionals throughout trail should point users towards surrounding destinations and transit connections
 - Group interaction will be key.
- Drainage and pollution are significant issues at key areas along the corridor.
- There are off-site amenities that students need access to: Wal-Mart, two locations of student housing on the east side of US41.

- The utility easement area adjacent to Barclay Circle in SPSU/KSU's campus is used as a place for mountain biking and off-roading. This is also route the birds use to navigate the campus (a key environmental factor).
- There are key areas on the KSU/SPSU campus that could be served by the trail. There is the potential/probability that the current baseball/softball fields off of Alumni Drive will be redeveloped down the road as Athletics will be located at the Kennesaw campus.
- Important connections can be made between KSU/SPSU and Life University, however currently physical barriers such as fencing prevent this. KSU/SPSU are fine with connectivity and having the fence removed.
- There is a need to better connect the Franklin Road corridor and US 41.
- Access to Lockheed/Dobbins occurs along South Atlanta Road and on US 41 just outside the study areas. There is potential to connect to the main gate on US41 because there is a bus stop in that vicinity and new pedestrian facilities could help provide accessibility to a future trail network.
- Burruss Park has frontage along US41 and there may be an opportunity for a second entrance and trail head in this location.
- The City of Marietta has a number of plans for Wildwood Park. Currently there is a dog park and soft surface trail on site. Plans call for a disc golf course and rope course on the site. There is also a burial ground which is a potential heritage tourism destination. Just outside Wildwood is a running course on Life's campus.
- Barclay Circle and US41 is a key intersection. How to cross US 41 is important to study. At-grade crossings such as the one at Noonday Creek Trail are good examples. Other connector trails are also important for context. A tunnel may have to be a broader long-term discussion. Short- and long-term trail development with spurs will be key.

Following this discussion, the meeting concluded at 2:00 pm. Those available to come on a bus tour visited 6 locations within the project area for better context.

Site Visit

Members of the Design, 3 city staff, and GDOT visited 6 destinations within the project area.

- The starting point for the University Trail was confirmed near Aviation Park.
- Everyone was intrigued about the potential for a really great connection at Alumni Drive and Rottenwood Creek. It was determined that some traffic modifications would be necessary.
- Everyone agreed of the potential for a multi-faceted trail network with multiple trail systems within and connecting Wildwood, the Athletic complex at Life University, and Burruss Nature Reserve.
- The team completed the visit by looking at the eastern connection point where there was

some erosion at US41 but a strong connection using the utility easement.

- During the course of the visit City staff pointed out key areas of interest. Rich Deckman has a significant amount of local knowledge about the historic/cultural components of the area that should be introduced into the future interpretive efforts.

Life University Meeting notes

Representatives from Life University were not able to attend the original kickoff meeting. Andrew Kohr, Kyethea Clark, and Charlie Lanz met with William Jarr and Greg Harris at Life University campus on November 3, 2014, to discuss the project and seek additional feedback.

Kyethea Clark provided Life with a copy of the original powerpoint presentation and provided a project overview.

Andrew Kohr provided Life with the Project Work Plan and discussed the process.

A location for the December stakeholder workshop was discussed. Life University was amenable to having an early evening workshop so that stakeholders could experience the holiday light display on Life's campus.

The project map was reviewed with Life along with a discussion about important project considerations. The following are highlights of this discussion and they do not represent any specific order:

- There is a proposal to restripe Barclay Circle with bike lanes. Life is amenable to a cycle track.
- There is a gap in the potential pedestrian network along South Atlanta Road (with facilities going in both directions) and the Alumni Drive entrance on South Cobb Drive. Improving this connection will help connect the campuses and Rottenwood to a regional trail network.
- Life would like to see the primary trail follow Rottenwood through their campus. They would also like to see the barriers between the two campuses removed.
- The housing complex along Barclay Circle will be redeveloped through several phases. Internal planning is underway. It is important to look at future connectivity options between the trail and this future development.
- It does not appear that the parcels separating US 41 and the campuses will be acquired anytime soon. Life would like a more visible entrance.
- There was a discussion about using less heavily traveled roads east of US 41 to connect students to the Barclay Circle intersection and the student/faculty housing on the east side of US 41.
- Life and KSU/SPSU are having discussions about the possibility of Life using athletic facilities

on the KSU/SPSU campus.

- There is a major power substation and utility lines running through Life and KSU/SPSU.
- Rottenwood is not the best name. A trail name without Rottenwood in the title is desirable.
- Life has several documents that they will provide the City of Marietta.

Rottenwood Creek Scoping Study

Project Kickoff Meeting

October 16, 2014



Name & Organization

RICHARD CRIM - DOBBINS AIRBASE

Trich Dockman - Marietta Books & Rec

Charlie Lanz - Marietta Public Works

Kyetha Clark Maricetta ED

Beth Sessions Elon, Dev. City of Muretta

Élise Cormier Smart Landscapes / design team

David Hilker BSM facilities

JOHN ANDERSON AVP - KSV FACILITIES

MINE HASTAS-DEGTEREKIN Professor at SPSU ARTS DEPT.

Kasey Helton SPSU

Elaini Anderson GDOT/OPD



Meeting Minutes

PMT Meeting

Rottenwood Creek Trail Scoping Study

Date/Time: November 18, 2014 / 3 PM

Place: City of Marietta 2nd Floor Conference Room

Next Meeting: December 4, 2014

Attendees: Rich Deckman (City of Marietta Parks and Recreation); Charlie Lanz (City of Marietta Public Works); Kyethea Clark (City of Marietta Economic Development); Mine Hashas-Degertekin (SPSU – Architecture Department); Elaine Armster (GDOT/OPD); William Jarr (Life University); Andrew Kohr (Stantec); Nathan Aarons (Stantec); Mitchell Greenway (Stantec); Elise Cormier (Smart Landscapes)

Absentees:

Distribution: At behest of the City of Marietta

Item:

Welcome and Introductions

Future PMT Meetings

Andrew Kohr and Kyethea Clark thanked those in attendance. December 4, 2014 was identified as the next PMT meeting. A discussion ensued about future monthly PMT meetings. It was decided that Doodle was most effective in confirming times. Stantec and the City committed to letting attendees know several weeks in advance so proper scheduling could occur. It was determined that during the next PMT meeting the following items should be discussed:

- Branding (Invite Cumberland)
- Website introduction
- Barriers/Fencing

Stakeholder Workshop

The December 11, 2014 Stakeholder Workshop was confirmed for 4 pm on Life University Campus. An exact location was still being confirmed. Stantec and the City encouraged all PMT members to attend so they could become more effective advocates for the project and the process. A future email will be sent out confirming a time and location.

Ongoing Efforts

Andrew Kohr briefed the PMT attendees on efforts to date. This included the initial "groundtruthoring" exercise (which included 7 team members); the initiation of the traffic study and environmental studies; and the initial development of a trail hierarchy and key destination maps.

Trail Maps

Andrew Kohr led the group through each map. Key points from the discussion included:

- Adjacent Properties: Business parkway between Cobb Pkwy. and Franklin Road north of Marietta Pkwy. Could be another target for trail location for students trying to get to campus.
- Walmart is a secondary target at this point.
- Road Improvements on the SPSU/KSU Campus: A future discussion should be held with KSU/SPSU to discuss future road improvements through campus in reference to Alumni Drive and South Hornet Drive.
- Looking at US 41: New Hope Road could be a good location for a multi-modal station.
- On Franklin Road from Twin Brooks to Brandon Circle will get upgraded to 10' sidewalks. This is one of several projects to improve the corridor. This plan will ultimately help inform future efforts with the ongoing redevelopment.
- There were safety concerns about portions of the Rottenwood Creek area north of Barclay Circle that are very dense. This area is the most logical area for expansion so future efforts may include opening up and selective removal of vegetation for better access and visibility.
- The potential trail running along the Life/Dobbins property line is in a tight location. One idea is to discuss with Dobbins about moving the fence line further west along the Life University campus to allow for more flexibility in creating a paved trail.
- Bike lanes along Barclay Circle were already approved, so a cycle track is no longer a feasible short-term option.
- Bike Share: Andrew Kohr brought up the idea of potential bike share program to help address parking challenges at the campuses. This would be one creative way to engage a larger population.
- The City emphasized that there should be a stronger access/connection between the proposed trail mainline and Wildwood Park.

The meeting was adjourned at 4:30 PM.



Meeting Minutes

PMT Meeting

Rottenwood Creek Trail Scoping Study

Date/Time: December 4, 2014 / 3 PM
Place: City of Marietta 2nd Floor Conference Room
Next Meeting: January 1, 2015
Attendees: Rich Deckman (City of Marietta Parks and Recreation); Charlie Lanz (City of Marietta Public Works); Kyethea Clark (City of Marietta Economic Development); Beth Sessoms (City of Marietta); Mine Hashas-Degertekin (SPSU – Architecture Department); Elaine Armster (GDOT/OPD); William Jarr (Life University); Richard Crim (Dobbins ARB); Andrew Kahr (Stantec); Nathan Aarons (Stantec); Elise Cormier (Smart Landscapes)
Absentees:
Distribution: At behest of the City of Marietta

Item:

Welcome and Introductions

Everyone introduced themselves. Andrew Kahr and Kyethea Clark thanked those in attendance. Past meeting minutes from October and November were passed out to attendees.

Project Goals

Andrew Kahr reemphasized the goals of the project and changes in the project boundaries. The trail spine will begin at Alumni Drive and now terminate at the City Greenspace near Franklin Road instead of "approximately 1,000 feet beyond South Cobb Drive." The City of Marietta will be responsible for relaying this information to Byron Rushing at ARC. Stantec will provide any revised mapping to highlight this change. The central spine will generate a larger need for smaller connection trails between the surrounding properties. The final deliverable will identify outside connections, the responsible parties for constructing and maintaining those specific trails, and the costs associated with the construction.

The priorities of the deliverable will be to 1) Develop the centerline of the main spine of the trail; 2) Identify the potential connections in relation to adjacent properties and; 3) Look at the safety and maintenance of the proposed trail and connections.

Stakeholder Meeting on December 11, 2014 at Life University

Team members were advised to arrive between 3:30 and 3:45. Directional signs will be put up by the City and Stantec. The meeting will begin with an overview of the project and the goals of the meeting. A survey will take place using Touch Point technology to get an idea of what is important to the public.

Each table will then have discussions around a map similar to what has been shown at the PMT

meetings with three main goals to be answered:

1. To identify desirable route alignments and possible connections.
2. To create a brand/logo for the trail
 - a. Who will be using the trail
 - b. How to brand sections of the trail but retain continuity throughout?
3. To identify additional issues and opportunities not yet discussed or identified.

Trail details will be discussed at the second public meeting after the alignments have been decided upon.

Website

The website url is www.navigaterct.com

Stantec will be adding information and details over the next few days. Information will be run through the PMT before going "live" on the website. Project images will be shared through Issuu. Andrew Kohr and Kyethea Clark will be the contact for the website. Partner logos are on the bottom of the "Home" page. Stakeholder information can be placed on the "About" page if desired.

Key Questions

Who makes the decision about the fence removal?

- Stantec needs to identify the location of the barriers in question.
- There will be initial resistance to moving the fence on Dobbins ARB's property.
 - Federal land acquisition is a challenging process so this may be a longer-term effort.

Who is responsible for maintenance of the trail? Issues discussed include:

- Will each party be responsible for "their" section of the trail?
- Third party maintenance agreement?
- Need to find "Best Practice" examples and open dialogue to find answers.
- ROW/Easement acquisitions and the GDOT process were discussed.
- A "sub-committee" formed of key stakeholders (City and Universities) will reconvene between first and second public meetings to begin to flesh out the maintenance agreements needed.

What is the history of the bridge along the dam on Life University's campus?

- Is there a viable option to run trail along the dam and add "bump out" near bridge.
 - Life University would prefer to run trail along Barclay Circle instead of running along the dam.

Next Steps

The City of Marietta will communicate expansion of trail boundaries with Byron Rushing at ARC.

Kyethea Clark and Bill Jarr are going to look in to PMT parking passes for the stakeholder meeting.

Stantec will modify map and send to Richard Crim.

Life University needs trail width and pavement material regarding 19th Century village in reference to mitigating environmental circumstances and "blending in" to surroundings. This will come out during the design process.

Begin looking into agreements between responsible parties regarding easements of the trail. (City of Marietta and stakeholders)

The meeting was adjourned at 4:30 PM.

Rottenwood Creek Scoping Study

Project Management Team Meeting



December 4, 2014

Name & Organization

ANDREW KOHR · STAANTEC

NATHAN AARONS STANTEC

RICHARD GRIM DOBBINS AKB

Beth Sessions City of minith

Charlie Lanz City of Marietta

~~Kayethea Clark City of Marquette~~

Bill Vann Life University

MİNÉ HASTASI-DEĞERLEKİM. SPSH / Arch

ÉLISE CORMIER Smart Landscapes

Elaine E. Hunter (GDOT) OPD



Meeting Minutes

January PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time: January 15, 2015 / 11:00 AM

Place: City of Marietta 2nd Floor Conference Room

Next Meeting: February 12, 2015

Attendees: Rich Deckman (City of Marietta Parks and Recreation); Charlie Lanz (City of Marietta Public Works); Kyethea Clark (City of Marietta Economic Development); Beth Sessoms (City of Marietta); Kasey Helton (KSU); David Hilker (KSU) Elaine Armster (GDOT/OPD); Richard Crim (Dobbins ARB); Andrew Kohr (Stantec); Nathan Aarons (Stantec); Kenny Thompson (Stantec)

Welcome/Introductions

Agendas, Trail Alternative Information Sheets, and Culvert Sections were passed out to attendees. Andrew Kohr thanked those in attendance and went over agenda for today's meeting.

Trail Alternatives

Attendees were introduced to the culvert section (Rottenwood Creek at Cobb Parkway) to provide a picture of the proposed trail and a sense of scale for the users. Maintenance of the culvert is GDOT responsibility (per City of Marietta) due to Cobb Parkway's Status as a state/federal route.

Andrew Kohr discussed the three trail alternatives for the Barclay Circle corridor:

1. Urban Trail

The trail was designed to run along the northern side of Barclay Circle and run along the east or west side of Cobb Parkway.

Attendees believed the eastern side of Cobb Parkway would provide more opportunities to advertise the trail but also understood that the eastern side contained more points of conflicts for users. The west side of Cobb Parkway contains less conflict points and provides a more natural setting through the north Burruss Park tract (floodplain) but would require the use of the culvert/tunnel to cross Cobb Parkway.

It was brought up by Kyethea Clark and Beth Sessoms that Cobb County is looking at expanding the sidewalks along Cobb Parkway and to focus on using Rottenwood Creek as the location for the spine of the trail. Once/If the sidewalks are expanded, a spur can be created along Cobb Parkway.

Kasey Helton and Kyethea Clark brought up the positive viewsheds looking toward the architecture school along Barclay Circle and how to make sure the KSU-Marietta connection

Design with community in mind

encompassed this view.

2. Greenway

This alternative focuses on running the trail along the creek as originally discussed and crossing Cobb Parkway using the culvert.

This alternative would require more input from Life University regarding the use of the existing trail through the 19th Century Village. The existing trail bridge near the athletic fields would need to be replaced and pedestrian facilities would need to be installed in the gap between the 2 trails on Life's property. Life University was not at the meeting so final resolution of this alternative will have to wait.

3. Road Diet

This alternative was the favorite amongst attendees as it combined elements from the two previous ideas. Barclay Drive would be minimized to a two-lane road with the existing south lane becoming the trail and vegetated buffer, and the existing middle/suicide lane becoming the new south lane. Once the trail reached the entrance to the athletic fields it would jump from Barclay to the existing trail that runs south from the athletic fields to A.L. Burruss Park and cross under Cobb Parkway through the culvert.

Miscellaneous

Education possibilities were discussed along the northern bank of Rottenwood Creek on KSU/SPSU property. The idea was welcomed but security would be an issue if implemented.

The culvert discussions were mostly positive but there were concerns regarding lighting and safety along the approximately 105' culvert. Attendees would like to see the culvert become an attraction and focal point of the trail.

Trail materials were discussed as well. Flexi-Pave, Asphalt, Concrete, and Boardwalk were all seen as options that will be developed further.

Rich Deckman provided additional information on upcoming projects at Wildwood Park which will include an expansion of the parking lot.

Next Steps

The next PMT meeting was proposed for Thursday February 12th. Andrew Kohr was going to send out an email to pick an appropriate time.

Stantec will make an effort to exam the culvert and adjacent industrial complex for possible trail routes.

Additional meetings with Life will be scheduled to seek feedback.

The meeting adjourned at 1:00 PM

Rottenwood Creek Scoping Study
Project Management Team Meeting

January 15, 2014



Name & Organization

ANDREW KOHR STANTEC

RICHARD CRIM - DOBBINS ARB

David Hilker KSU (aka spsu)

Kenny Thompson Stantec

NATHAN AARONS STANTEC

Elaine Antie GDOT/OPD

Charlie Lanz Marietta

Ketherie Clark marietta

Beth Sessions City of marietta

Kasay Helton KSU

February PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time: February 12, 2015 / 10:30 AM
Place: City of Marietta 2nd Floor Conference Room
Next Meeting: TBD
Attendees: Rich Deckman (City of Marietta Parks and Recreation); Charlie Lanz (City of Marietta Public Works); Kyethea Clark (City of Marietta Economic Development); Beth Sessions (City of Marietta); Kasey Helton (KSU-Marietta); Mine H Hashas-Degertekin (KSU-Marietta); John Anderson (KSU-Marietta) Elaine Armster (GDOT/OPD); Richard Crim (Dobbins ARB); Andrew Kohr (Stantec); Nathan Aarons (Stantec)

The meeting began with a recap of the January PMT Meeting and a discussion of recent activities.

Road Diet

The road diet was a favorite amongst meeting attendees.

There were 2 options to cross over Cobb Parkway/41:

1. Trail would veer from Barclay at Life University's Rugby field, continue along the trail network along the Dobbins border, and use the existing 3 box culvert to cross under.
2. Continue the road diet to the Barclay Circle/41 intersection and travel down the east side of 41.

Culvert Site Visit

At first glance the culvert seems like a legitimate way to cross US 41. The length is less than originally believed and is adequately lit in daylight. The amount of water flowing through the culvert is minimal and that is including 2 of 3 boxes blocked with debris.

The first concern brought to our attention was a gravity sewer line that is stationed approximately 10' east of the end of the culvert and approximately 6.5' above the creek. This sewer line would have to be repositioned/relocated in order to use the culvert as a viable crossing option.

The second concern was how to approach the culvert from the west side. Options included:

- Crossing over the creek using the existing bridge in Burruss Park and running the trail through the southern box. This would require the southern stream to be diverted towards the northern 2 boxes.
- Using the peninsula where the two creeks meet and run the trail down the middle box while

February 12, 2015

Feb. 2015 PMT Meeting

February PMT Meeting

Page 2 of 3

redirecting the northern stream to the northern box and the southern stream to the southern box.

The best options for exiting the culvert on the east side of US41 is to use the southern stream bank near the industrial complex.

If the culvert turns out to be too difficult a task then the preferred option would be to use the east side of US41 and build a separate pedestrian bridge across the creek and utilize all of the ample space to create a trailhead (possible Old Fourth Ward Park creation).

Concern over the east side US41 included:

- Possible road widening of Cobb Parkway
- The number of curb cuts along the roadway.

No matter the crossing, once the trail route reaches the southern bank of the creek, sewer easements could be used along most of the creek where necessary. There is a pinch point several hundred feet east of Cobb Parkway along the easement area. Streambank erosion would necessitate a boardwalk and restoration of stream.

KSU – Marietta Trail Alignment

Most of the trail alignment was received positively. The only issue was the location of the trailhead at North Hornet Drive and Alumni Drive due to the amount and speed of traffic in the area. It was requested that the trailhead be moved south to the adjacent trail entry/exit point. This area will be investigated moving forward.

The current bend in the road of Alumni Drive (west of Rottenwood) appears to be a nice location for a more visible trail node and stream crossing. To alleviate concerns about traffic and pedestrians, the trail connection would sit off the road creating a buffer area. Stantec will look into this in the next design iteration.

It was also requested to extend the main trail spine up to the recreational fields to connect with the trail in-progress. A trailhead would be placed at the blind curve on alumni drive with available parking up at the recreational fields. A separate pedestrian bridge would be used to get from Alumni Drive down to the trail.

The amphitheater on the plans was determined not to be needed and will be removed. There was also discussion of clarifying the KSU/Life property line. A portion of KSU's campus is not in City limits.

Stantec will look in to a possible trail alignment down a stream easement in KSU's campus.

East of Cobb Parkway to Franklin Road Trail Alignment

The initial plan showed the trail alignment following the south side of Rottenwood until it was diverted around a Car Wash at Franklin Road. Upon review of the plans, a more preferred alignment includes crossing just west of Ashborough Village Apartments (located in Cobb County).

Design with community in mind

February 12, 2015

Feb. 2015 PMT Meeting

February PMT Meeting

Page 3 of 3

The trail would then cross to the north side of the stream and cross back over the stream into the Franklin Greenspace. Ownership of a few of the parcels is under investigation by the City of Marietta.

Next Steps

Once the final trail alignments have been determined, KSU and Life would need to take their appropriate sections to be voted on.

Stantec to create a "sneak peek" document with basic trail alignments and an executive write-up for the KSU Board. Time frame is approximately 3-4 weeks.

Stantec to determine location and time of next stakeholder meeting with help from KSU-Marietta and the City.

Stantec will also create a new design for the trailhead connection on the KSU Campus and submit to the PMT group for review.

The next meeting is tentatively planned for March 12, 2015 at a similar time. Confirmation will follow.

The meeting adjourned at 11:30 AM

Stantec Consulting Services Inc.

**Rottenwood Creek Scoping Study
Project Management Team Meeting**

February 12, 2015



Name & Organization

David Hiltner KSU

Kasey Helton KSU

Beth Sessions City
Bill Jarr KSU

RICHARD CRIM - DOBBINS ARB

Charlie Lanz Marietta

MINE FAXTHAS KSU

Kyethica Clark marietta

Elaine Anita GDOT/OPD

RICH DECKMAN CITY OF MARIETTA



Meeting Minutes

March PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time: March 3, 2015 / 3:00 PM
Place: City of Marietta 2nd Floor Conference Room
Next Meeting: TBD
Attendees: Rich Deckman (City of Marietta Parks and Recreation); Charlie Lanz (City of Marietta Public Works); Kyethea Clark (City of Marietta Economic Development); Andrew Kohr (Stantec); Nathan Aarons (Stantec)
Absentees: 28T
Distribution: 28T

Review data for website update

Image selection for website:

- IMG 978
- IMG 995
- IMG 141
- IMG 144
- IMG 146

Changes to Public Meeting description:

- Add the names of all the attendees of the meeting
- Remove the City of Marietta from the list
- Reiterate "Goals & Objectives"
 - Goal: xxxxx, xxxxx
 - Objectives: xxxxx, xxxxx

Review and discuss "white paper" for campuses

The City was given copies of the white papers for KSU-Marietta and Life University to review and comment.

It was decided that the City would be responsible for handing out white papers to the universities.

Design with community in mind

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Review updated KSU-Marietta alignment

- Bring the proposed trail bridge closer to the existing bridge on Alumni Drive
- Look into the addition of berms and large boulders to protect pedestrians at trailhead on Alumni Drive from wayward traffic.
- Change the location of the proposed crosswalk on South Hornet Drive and conceptually show location for parking lot.

Identify next stakeholder workshop

Date and time still to be decided but early April looks like the best fit. Stantec will look into Spring Break schedule of the Universities to avoid conflict.

Miscellaneous to do items

Stantec to make color changes to the trail alignments indicating which "party" is responsible for certain sections of the trail. The City of Marietta will fund the primary trail spine while the universities will be responsible for handling trail spurs leading to the campuses.

The meeting adjourned at 4:30 PM

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

Stantec Consulting Services Inc.



Meeting Minutes

April PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time: April 2, 2015 / 2:00 PM
Place: City of Marietta 2nd Floor Conference Room
Next Meeting: TBD
Attendees: Kyethea Clark (City of Marietta Economic Development); Beth Sessoms (City of Marietta); Matt Bearden (City of Marietta); Elaine Armster (GDOT/OPD); Mine Hashas-Degertekin (SPSU – Architecture Department); Andrew Kohr (Stantec); Nathan Aarons (Stantec); Elise Cormier (Smart Landscapes)
Absentees: 28T
Distribution: 28T

Update on Culvert and GDOT Review

Charlie has confirmed that the sanitary line can be relocated to allow for the trail to cross through the culvert. A new location has yet to be determined. Charlie is working with GDOT to confirm that they will allow the use of the culvert for this project.

Update on trail alignment and white paper submittals

The White Papers have been distributed to Life and KSU for review by the school's respective administrations.

The trail alignments are nearly complete with a few minor changes to be made.

- Extend Barclay Circle road diet alignment all the way to Cobb Parkway.
- Show potential trailhead at the end of Rottenwood Drive behind commercial businesses.
- Update readability of trail alignments before public workshop.
- Rename the project area east of Cobb Parkway.

Review of logos and branding

The first two logo/branding options were the favorites amongst members with the second option (including requested changes) being the best. See attached for the logo options.

Possible changes to the 2nd logo:

- Add a blue line beneath the green base to represent the creek.
- Find a way to market the trail as more than a bicycle trail.

Design with community in mind

- Add a person walking/running along with the cyclist.
- Use word alternatives to "Ride".
- Include a possible connection with Marietta using the "M".
- Change out the "lollipop" trees with something more detailed.
- Ensure the logo reads well if printed out in black & white.

Discuss next meeting and stakeholder workshop

The stakeholder workshop will take place on April 23, 2015 from 5:00-7:00pm at KSU-Marietta.

Layout will consist of maps of the 3 study areas (KSU, Life, and East of 41). A short introduction/presentation will start the meeting followed by a free moving experience where attendees can walk and ask questions as they please.

Prior to workshop, the City will reach out to Red Hare Brewery, Ashborough Village, and business owners to invite them to attend as the trail is proposed to run near/into their property.

The meeting adjourned at 3:00 PM.

Stantec Consulting Services Inc.

Rottenwood Creek Scoping Study

Project Management Team Meeting



April 2, 2015

Name & Organization

Beth Sessions City of Marietta

Mine Hashas - Degertekin
Elanu & Aintar

KSU / Architecture

Matt Bearden City of Marietta

Élise Cormier SMART LANDSCAPES (design team)

Kyetha Clark City of manitte

Rottenwood Creek Scoping Study

Project Management Team Meeting



April 2, 2015

Name & Organization

Beth Sessions City of Marietta

Mine Hashas-Degertekin
Elani & Anter

KSU / Architecture

Matt Bearden City of Marietta

Élise Cormier SMART LANDSCAPES (design team)

Kyetha Clark City of manitte

May PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time:	May 26, 2015 / 11:00 AM
Place:	City of Marietta 2nd Floor Conference Room
Next Meeting:	TBD
Attendees:	Kyethea Clark (City of Marietta Economic Development); Beth Sessoms (City of Marietta); Rich Deckman (City of Marietta Parks and Recreation); Charlie Lanz (City of Marietta Public Works); Matt Bearden (City of Marietta); Elaine Armster (GDOT/OPD); Mine Hashas-Degertekin (KSU – Architecture Department); Richard Crim (Dobbins); Bill Jarr (Life); Andrew Kohr (Stantec); Nathan Aarons (Stantec)
Absentees:	Absentees
Distribution:	Distribution List

Review of efforts since the last PMT meeting

The primary trail alignment along Barclay Circle has been updated to reflect the changes proposed during the Stakeholder Meeting.

The logo/wayfinding mock-ups have been updated based on previous meetings and narrowed down to reflect the most popular choices.

Dates have been set for the Public Open House, Council Committee meetings, and Marietta Gateway CID board meetings. PMT Meetings and a second logo branding meeting are also being finalized. These changes are reflected in the updated Project Work Plan.

Update on trail alignment and tunnel opportunity.

The trail alignment along Barclay Circle is now proposed to remain behind the existing curb with vegetative buffers where possible. This scenario will require a significant amount of low retaining walls (less than 3') and more advanced retaining walls (3' +). Appropriate railings will need to be installed along the walls. The alignment near Life University Housing will be updated when the site plan for the new development is ready. There was discussion of making the railings larger than 42".

The length of the crosswalk and amount of crossing time is a concern at the Cobb Parkway/Barclay Circle intersection. Some kind of respite zone would be preferred if the adequate space is available.

An alternative route along Wylie Road and through the woods behind the RV Park is now the preferred option versus running along Cobb Parkway to the creek. This option would significantly reduce the number of conflict points from 12+ to 4, with the possibility of removing a few more. It would also allow the trail to service a greater group of users by connecting to the apartment complexes along Wylie Road.

Design with community in mind

A wall would need to be constructed along the south side of Wylie Road to allow for a trail. This point would be the only part of the trail that may not be 5% but Stantec will continue to look into possible solutions.

A conversation will need to be set up with Arium Apartments to discuss a possible agreement to allow for public use of their existing greenspace.

The Rottenwood Drive trailhead lies in the floodplain and would have to meet certain design standards set forth by the City of Marietta. Kyethea will set up an internal meeting to discuss potential elements located within this trailhead including any potential to investigate the creation of a passive park. There were discussions about maintenance, the potential for a community garden, and possible burdens to the current park maintenance budget if a park were constructed.

Review of logos and branding

The PMT was given 3 "Base Design" options to review and discuss. Option 3 was the preferred option with some minor modifications. It will be updated and resubmitted for review. The wayfinding option was preferred with some modifications.

Discuss public meeting and future presentations

The public meeting will take place on June 23 at KSU-Marietta. Everyone has been sent an invitation to attend and so far responses are promising.

Stantec will create a press release to be reviewed by the City and sent out to the universities and Dobbins once approved.

Miscellaneous

Elaine Armster will send Kyethea Clark and Andrew Kohr the current Primavera schedule to look over and change as necessary.

Kyethea will send out updated White Papers to Life University and KSU-Marietta.

The meeting adjourned at 11:30 AM

Stantec Consulting Services Inc.

Rottenwood Creek Scoping Study
Project Management Team Meeting

May 26, 2015



Name & Organization

ANDREW KOHR

STANTEC

NATHAN ADDIS

STANTEC

Kyethes Clark

Marietta

RICHARD GRIM

DOBINS

Brian Sessions

Marietta

Bill Kerr

hick U

Charlie Lanz

Marietta

Matt Bearden

Marietta

Elaine E. Amter

GDOT/OPD

Mine Hashas-Dogertekin

KSU-Marietta

RICH DECKMAN

~~STANTEC~~ MARIETTA

June PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time: June 17, 2015 / 10:00 AM
Place: City of Marietta 2nd Floor Conference Room
Next Meeting: TBD
Attendees: Kyethea Clark (City of Marietta Economic Development); Beth Sessoms (City of Marietta); Matt Bearden (City of Marietta); Elaine Armster (GDOT/OPD); Richard Crim (Dobbins); Bill Jarr (Life); David Hilker (KSU-Marietta); Debra Mahan (KSU); Andrew Kohr (Stantec); Hannah Job (Stantec); Elise Cormier (Smart Landscapes)
Absentees: Absentees
Distribution: Distribution List

Introductions

Debra Mahan attended the meeting for the first time. She is the Director of Transportation for both of KSU's campuses.

Hannah Job, Stantec intern, also attended the meeting for the first time.

Review of efforts since the last PMT meeting

The logo/wayfinding mock-ups have been updated based on previous meetings to a preferred choice.

The Public Open House details are being finalized.

The Wylie Road Concept has been developed.

The City and Stantec presented to the Gateway Marietta CID board on June 16, 2015, and received positive feedback. There was an article in the newspaper about the project.

The White Papers have been updated and distributed to the university.

Stantec presented the Rottenwood Creek Trail project at the Georgia Trail Summit on June 4, 2015.

Update on Gateway Marietta CID Meeting

Andrew Kohr presented to the Gateway Marietta June CID board meeting on June 16, 2015. Kyethea Clark and Beth Sessoms attended from the City. The project was well received and the CID supported the idea of the trail. More involvement is anticipated as the project moves forward.

White Paper Status

White papers were previously distributed to the university. No new update, however David Hilker and Debra Mahan requested a copy of the White Paper.

Bill Jarr is awaiting a meeting with Charlie Lanz and the Public Works Department to discuss the future of Barclay Circle in more detail.

Review of logos and branding

Attendees preferred option 1. Variations of this design were discussed. It was made clear that one of the deliverables was a brand "family" with variations of the main theme.

Debra Mahan requested a copy of the logos to discuss the potential of KSU colors on mile marker signs.

The final logo will be presented to the public during the public meeting.

Review wayfinding signage and trail improvements

Elise Cormier presented a draft of the proposed signage designs and detailed trailhead design. The presentation included a trail typology, options for signage materials, and preferred ways to screen, beautify, and secure the trail. Each section of the trail would have its own theme that would change depending on the area. Granite, Metal, and Wood are the predominate elements that would be used throughout the trail.

The City pointed out that Rich Deckman had actually completed a concept for the Franklin Road trailhead.

Miscellaneous/Action Items

- KSU-Marietta will coordinate a meeting with the Master Planning team of Dumont Janks from Boston to discuss the trail. This should occur in the next month or so.
- The City will provide Stantec with the concept for the Franklin Road Trailhead. (COMPLETED)
- The City will follow up with Bill Jarr about a meeting to discuss Barclay Circle.
- The City will send the updated White Paper to David Hilker and Debra Mahan (COMPLETED).
- Stantec will send logo to Debra Mahan. (COMPLETED)

The meeting adjourned at 11:15 AM

Stantec Consulting Services Inc.

Rottenwood Creek Scoping Study

Project Management Team Meeting



June 17, 2015

Name & Organization

Richard Grimes - DORRANS AIRBASE

Beth Sessions - City of Marquette

Debra Mahan Kennesaw State University

Kyra Clark Marie

Biktaer like u.

ÉLISE CORMIER Smart Landscapes

Elaine & Ante 6 DOT / OPD

Matt Bearden Marietta

HANNAH JUB STANTEC

David Hiltner KSN - M.Campus

ANDREW KOHR STAHTEC

August PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time: August 13, 2015 / 10:00 AM
Place: City of Marietta 2nd Floor Conference Room
Next Meeting: TBD
Attendees: Kyethea Clark (City of Marietta); Charlie Lanz (City of Marietta); Beth Sessoms (City of Marietta); Rich Deckman (City of Marietta); Matt Bearden (City of Marietta); Peter B. Emmanuel (GDOT/OPD); Andrew Kohr (Stantec); Nathan Aarons (Stantec); Elise Cormier (Smart Landscapes)
Conference Call: Elaine Armster (GDOT/OPD)
Distribution: Distribution List

Introductions

Preston Chase redevelopment efforts near Franklin Greenspace were brought up by the City of Marietta. It was determined that the trailhead was only going to be only the lot and open space near the intersection. Redevelopment of the larger parcels is still undetermined but active play areas are likely not a part of the future plans.

The project has approximately \$98,000 remaining that could be used towards the next phase of the trail scoping study (which would extend to Terrell Mill Road). This is also approximately 3 miles but there are other concerns with this area of the study especially understanding how to cross I-75.

Review of efforts since the last PMT meeting

A draft Concept Report has been developed and has been submitted to GDOT for review. See below for more details.

Stantec has been working on a draft of the workbook.

The branding/logo family is still being addressed around the creation of the report workbook.

Kennesaw and Life are in the process of reviewing the White Papers and a follow-up meeting is in the works.

Update on Concept Report

A draft version of the Concept Report was submitted to GDOT on 8/6/15.

The Concept Meeting date to address the concept report has been narrowed down to 9/1/15 at 1:30 pm. Stantec and City staff will attend.

Stantec & the City of Marietta will bring the large scale plans and boards from the public meeting

Design with community in mind

for reference material.

Discussion of Report Status

The 60% draft was brought and distributed to attendees.

Stantec to send out PDF version to attendees for comments/questions to be marked and returned by 8/26/15.

Text for the report will be sent to Kyethea Clark for review and comment before being inserted into the report.

Design guidelines for different segments of trail

Rich Deckman and Charlie Lanz to send Stantec details and images of preferred materials/amenities for report.

Attendees preferred a more naturalistic style for the benches, lighting trashcans, etc. Stantec to research different options and report back.

Discussions with Kennesaw and Life need to take place to decide preferred trail materials/amenities for use on the trail along their respective campuses.

Next Steps

Determine preferred date for Concept Meeting and communicate to Elaine Armster as soon as possible.

Andrew Kohr and Kyethea Clark to determine next month's PMT Meeting date.

Stantec to continue working on report.

The meeting adjourned at 11:15 AM

Stantec Consulting Services Inc.

Rottenwood Creek Trail Scoping Study

PMT Meeting

August 13, 2015



Name & Organization

ANDREW KOHL - STANTEC

NATHAN AARONS - STANTEC

Kyetha Clark - Marlette

Matt Bearden - Marietta

Beth Sessions - Maritza

Charlie Lanz - Marietta

Rich Beckman Marcella

ÉLISE CORMIER Smart Landscapes (design team)

Peter B. Emmanuel - GDOT OPD



Meeting Minutes

September PMT Meeting

Rottenwood Creek Scoping Study / 178460094

Date/Time: September 18, 2015 / 2:00 PM
Place: City of Marietta 2nd Floor Conference Room
Next Meeting: TBD
Attendees: Kyethea Clark (City of Marietta); Beth Sessoms (City of Marietta); Rich Deckman (City of Marietta); Matt Bearden (City of Marietta); Debra Mahan (KSU); Bill Jarr (Life); Claire Rutte (KSU); Andrew Kahr (Stantec);
Conference Call: Peter B. Emmanuel (GDOT/OPD)
Distribution: Distribution List

Introductions/Announcements

Everyone introduced themselves. Clarie Rutte was a new attendee representing the KSU.

Kyethea Clark announced that she is leaving the City to go to work at the Cumberland CID. She will continue to be involved with the Rottenwood Creek Trail and branding efforts in her new job.

Kyethea passed out t-shirts for the attendees and personally thanked everyone for their efforts on this project.

Update on the Concept Report

Stantec is anticipating a resubmittal of the concept report by September 25, 2015.

Peter Emmanuel explained the timeline, which will include a review of the Concept Report in which he will confirm all edits have been addressed. Once complete he will circulate it for review. The entire process should take 4-6 weeks.

Update on the Design Document

Stantec is currently awaiting final comments from Rich Deckman. We are beginning of the process of editing. When the next PMT meeting is held, this will be the time that we hand out final drafts of the report.

Design Discussion

Andrew Kahr passed out a copy of the concept plan for the Wildwood Park trailhead. Rich Deckman was in general agreement noting that parking was part of a larger redevelopment effort.

Andrew Kahr noted that KSU had still not submitted their design guidelines to us for inclusion in the

Design with community in mind

report. Claire Rutte indicated she would help get these guidelines to us.

Final branding was discussed and finalized. The "secondary branding" will be the font used for the T-Shirts. Several people liked the idea of the different shirt types but disliked introducing a new font. This will be changed in the final document.

Signage was reviewed. In general:

- Simplistic signage for the trailheads was preferred. Parks would like to have a more elaborate sign nearby to host additional park information.
- Secondary signage should include mapping and directions. These would generally be located at access points.
- Directional signage with mile markers would be located every half mile to mile (greater frequency in more naturalistic areas). Lower mile markers would be located at every $\frac{1}{4}$ mile.

Design guidelines for different segments of trail

Rich Deckman and Charlie Lanz to send Stantec details and images of preferred materials/amenities for report.

Attendees preferred a more naturalistic style for the benches, lighting trashcans, etc. Stantec to research different options and report back.

Discussions with Kennesaw and Life need to take place to decide preferred trail materials/amenities for use on the trail along their respective campuses.

Next Steps

The City confirmed they have a point-of-sale ability on their website. It was determined that T-shirts most likely will be sold once the trail gets closer to reality.

Andrew Kohr indicated that one more meeting will be held with a specific date in October to be determined.

A lengthy discussion was had regarding the remaining TAP funds. It was determined that a new PI number is needed for the next segment. This process begins with correspondence to ARC that is then forwarded on the GDOT. Andrew Kohr, Matt Bearden, and Charlie Lanz are meeting in early October to scope the next phase.

The meeting adjourned at 3:15 PM

Stantec Consulting Services Inc.

Rottenwood Creek Trail Scoping Study

PMT Meeting

September 18, 2015



Name & Organization

Beth Sessions City of Minot

Rich Beckman City of Mandan

Kyusha Clark City of Mandan

Kirk Clark

Debra Mahan

KSU

Claire Rutledge

KSU

ADMDEV Kona

STANTEC

PETER EMMANUEL

EDOT (PHONE)

Stakeholder Workshop 1

Rottenwood Creek Trail Scoping Study

Date/Time:	December 11, 2014 / 4:00 PM – 6:15 PM
Place:	Life University
Next Meeting:	TBD
Attendees:	Rich Deckman (City of Marietta Parks and Recreation); Kyethea Clark (City of Marietta Economic Development); Ross Brewer (City of Marietta); Beth Sessoms (City of Marietta Economic Development); Philip Goldstein (City of Marietta Councilman); Celeste Burr (Bike Cobb); Mike Moseley (Atkins); Bob Kinney (Marietta Planning Commission); Amanda King (Strategic City Partners); Hanna Yu (COMM360); Marty Sewell (Cobb County); Elaine Armster (GDOT/OPD); William Jarr (Life University); Matt Rosenberg, (SPSU/AIAS); Kris Peterson (SPSU); Richard Crim (Dobbins ARB); Mark Floyd (Dobbins ARB); Andrew Kohr (Stantec); Mike Rutkowski (Stantec); Matt Noonkester (Stantec); Nathan Aarons (Stantec); Kenny Thompson (Stantec); Elise Cormier (Smart Landscapes)
Absentees:	
Distribution:	At behest of the City of Marietta

Welcome and Introductions

William Jarr from Life University thanked those in attendance and welcomed everyone. Kyethea Clark welcomed everyone, and introduced Andrew Kohr and Mike Rutkowski as the Project Team presenters. Ms. Clark thanked those in attendance.

Project Context

Andrew Kohr introduced the Stantec team members, and then reemphasized the project overview and project goals. He then walked through different opportunities along the trail, beginning at the Bob Callan Trailhead on Alumni Drive. The next area of interest along the trail is University Woods, which follows Rottenwood Creek through the KSU campus. Another key area of interest is the 19th Century Village on Life University's campus. There are existing bridges at multiple points along Rottenwood Creek, and these should be considered as connection points along the trail. Currently no pedestrian facilities exist at the Life University athletic complex south of Barclay Circle, and this could be addressed as a connection point with the Rottenwood Creek trail. Another key decision point is how to cross Cobb Parkway; either incorporating the underutilized box culvert where Rottenwood Creek crosses, or an at-grade crossing at Barclay Circle.

Interactive Exercise

Mike Rutkowski then lead the group in a touchpoint exercise, where the group voted on key priorities such as key users, important connection points, important trail features, and trail phasing. The final results of this survey will be compiled and made available to the city at a later date.

Breakout Exercise

Stakeholders were then divided into three tables, and were asked to answer three key questions:

1. What is the desirable route alignment?
2. What is a good brand/logo for the trail?
3. What are additional issues and opportunities not yet discussed or identified?

Each table presented their ideas to the group as a whole. The comments are consolidated below, and are organized into three sub-areas: 1. Kennesaw State University Campus and Wildwood Park; 2. Life University Campus and Burruss Nature Park; 3. Rottenwood Creek east of Cobb Parkway (See attached document for sub-area locator).

1. Kennesaw State University Campus and Wildwood Park

- a. Group 1 preferred trail route 'A', which follows along Rottenwood Creek through the KSU campus, with a potential spur on Barclay Circle connecting the trail to Wildwood Park. The group did raise concerns about trail maintenance with the trail located within the Rottenwood Creek floodplain.
- b. Group 2 also preferred trail route 'A', citing cost and topographic concerns with the alternate route. The group also expressed concern with trail route 'B' due to the potential for campus expansion in that area.
- c. Group 3 also preferred trail route 'A'. Group members stated that students already use the sewer/power line easement along Rottenwood Creek as a pathway. This route also connects to Barclay Circle with an existing bridge. The group did express concern with the route along the southern end of KSU campus along the border with the Life University campus, where vegetation overgrowth can become an issue in autumn.

2. Life University and Burruss Nature Park

- a. Group 1 preferred to stay on Barclay Circle through the Life University campus, but would like the trail to follow Rottenwood Creek through the northern portion of Burruss Nature Park and cross Cobb Parkway through the underutilized box culvert. There is also potential for a secondary path from Wildwood Park that would follow the line between Life University and Dobbins Air Reserve Base, connecting back to the main trail in Burruss Nature Park.
- b. Group 2 expressed interest in a trailhead within Wildwood Park that would connect to the existing recreational uses within the park(dog park, disc golf, ropes course). There is a safety concern with the trail route at the current crossing of Cobb Parkway. With numerous commercial driveways to cross, pedestrian safety will be a major issue that needs to be addressed. There are topographic challenges along the south side of trail route 'A' through Burruss Nature Park, where there are only 10-12' between the fence and the creek bank. The box culvert crossing is preferred because of safety and ease of use for beginner and intermediate trail

users.

- c. Group 3 preferred that the trail follow Barclay Circle through Life University, citing ease of use and proposed bike lanes along Barclay Circle. One concern with the trail along 19th Century Village is that a concrete or asphalt trail is not consistent with the aesthetic of the village. Another concern is the discontinuous sidewalks along Barclay Circle. The group listed the pros of following Cobb Parkway to be direct access, residential connections, and the planned sidewalks along Cobb Parkway. The pros of following Rottenwood Creek are a more scenic experience, the existing corten steel bridge in Burruss Nature Park, and the opportunity to cross Cobb Parkway underneath the culvert.

3. East of Cobb Parkway

- a. Group 1 concluded that the positive elements of this segment are the connections to the workforce along Franklin Road and the potential future connections to the Chattahoochee River.
- b. The major considerations mentioned by Group 2 along this segment are the potential BRT stops on Cobb Parkway. The greenspace terminus to the trail on Franklin Road also provides a great opportunity for a gateway into the trail system. The big question for this trail will be one of quality versus quantity – should the route be extended to serve the largest amount of people, or should it follow the most scenic route?
- c. Group 3 emphasized the importance of connecting to the residential neighborhoods east of Cobb Parkway. The group also mentioned a potential spur that connects into the KMCR trail system.

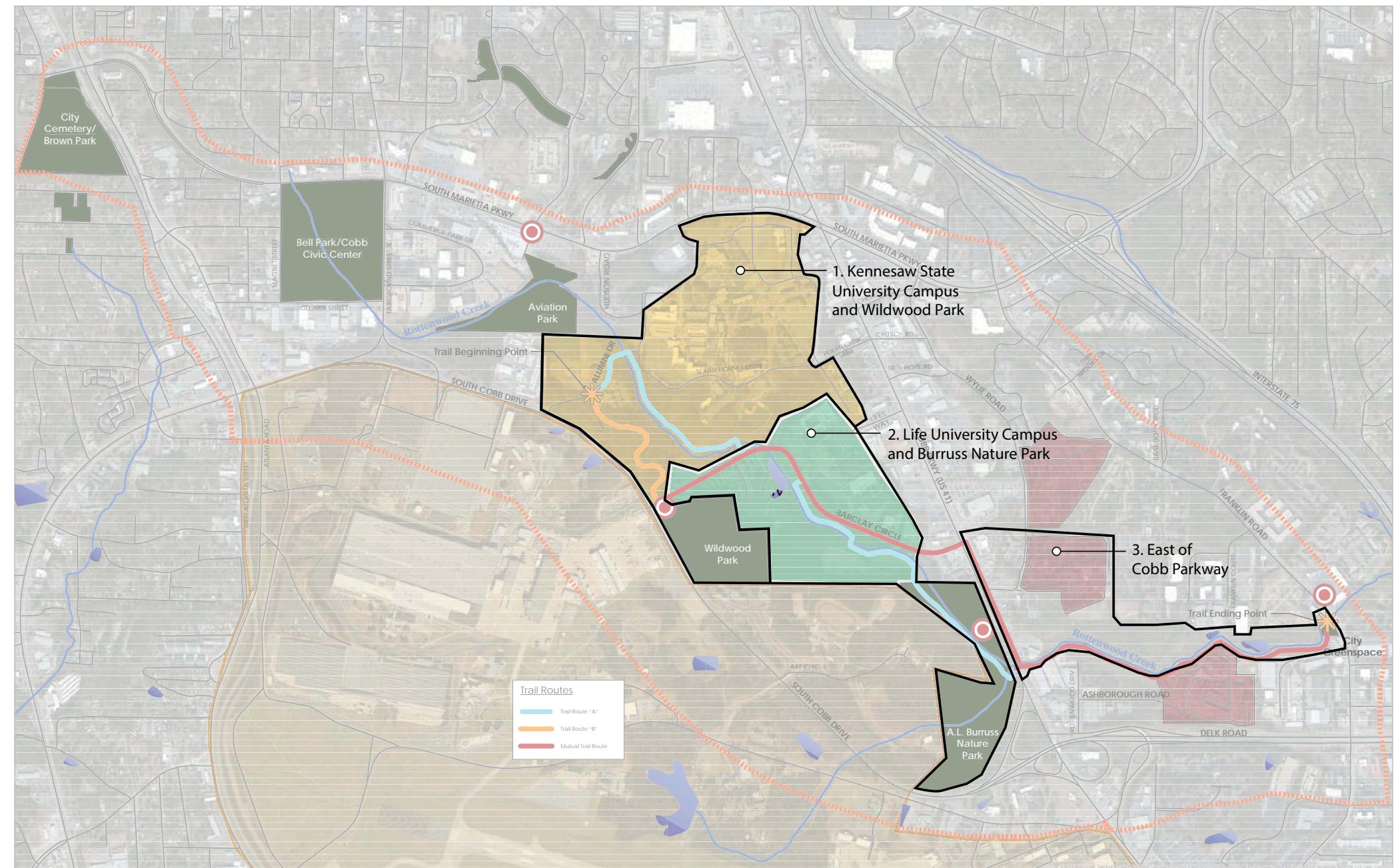
4. BRANDING

- a. Group 1 – ‘Rottenwood Creek Trail’
 - i. It is clear, simple, and natural, and ties into the historic nature of the creek. A second alternative was to use a term from the aviation industry; C-130, Hercules trail, etc.
- b. Group 2 – ‘University Trail’
 - i. The inspiration for this title comes from the major users of the trail, as well as the fact that a majority of the trail will occur on KSU and Life University campuses.
- c. Group 3 – ‘Ride Rotten’
 - i. The name is unusual and intriguing, and alludes to the creek name indirectly.

Website

The team then introduced the website, with a consideration to look into www.riderotten.com as an alternative website for the trail. The current website is : www.navigaterct.com

The meeting was adjourned at 6:15 PM.



Rottenwood Creek | Trail Route Alternatives



Stantec

The legend consists of three entries: 'Rottenwood Area of Interest Boundary' with a red and white striped square icon, 'Parks' with a green square icon, and 'Dobbins Air Reserve Base' with an orange square icon.

- Life University
- Streets
- KSU/SPSU
- Lakes & Ponds
- Off Campus Student Apartments
- Rivers & Streams

0 250 500 1,000
1 in = 0.1 miles



Rottenwood Creek Scoping Study

Stakeholder Meeting

December 11, 2014



Name & Organization

ANDREW KOHL, STANTEC

Kenny Thompson, Stantec

Elaine Amster, GDOT/OPD

Bill Taal, Hitek.

Matt Rosenberg, SPSCI, ATAS

Mark D. Floyd, Dobbins ARB

Ross Brewer, City of Marietta

Richard Crim, Dobbins ARB

Celeste Burr, Bike Cobb

MIKE MOSELEY, ATKINS

Bob Kinney, Marietta Phys Comm

Rich Deakman / City of Marietta

Amanda King - Strategic City Partners

Hanna Yu, Commissioner

Marty Sewell Cobb County

Beth Sessions City of Marietta

Rottenwood Creek Scoping Study

Stakeholder Meeting

December 11, 2014



Name & Organization

KRIS PETERSON ALPHA RHO CHI (SPSU)

Philip Goldstein City of New Ulm

Elise Cormier Smart Landscapes

Stakeholder Workshop 2

Rottenwood Creek Trail Scoping Study

Date/Time: April 23, 2015 / 5:00 PM – 7:00 PM

Place: KSU Marietta Campus

Next Meeting: TBD

Attendees: See Attachment 1

Absentees: 29T

Distribution: At behest of the City of Marietta

Welcome and Introductions

Kyethea Clark welcomed everyone, and introduced Andrew Kohr from Stantec as the Project Team presenter. All attendees then went around the room and introduced themselves. Andrew began his presentation with an overview of the previous Stakeholder Workshop.

Project Context

Andrew Kohr introduced the Stantec team members, and then reemphasized the project overview and project goals. He gave a quick recap of the results from the previous stakeholder meeting where attendees highlighted opportunities and threats along the Rottenwood Creek corridor. He also reviewed the interactive questionnaire from the previous meeting which highlighted stakeholder preference for trail usage frequency, type of usage, key destinations, location, program, phasing, proximity to Cobb Parkway, and experience along the trail.

Trail Logistics

Andrew then summarized the total trail alignment, beginning with the primary trail spine from Alumni Drive to Franklin Road. The total trail is about 3 miles, with an additional 1.5 miles of secondary trails. The trail includes 5 trailheads, 4 access points and 7 bridges. The total trail was divided into four different segments so that these unique areas could be discussed in greater detail.

Segments

KSU-Marietta – This northern section of the trail connects into the existing trail network, and travels along Rottenwood Creek through the KSU-Marietta campus. The total trail length for this segment is approximately 1 mile, and includes 1.5 miles of secondary trails. There will be three bridge crossings during this segment, with a trailhead on Alumni Drive. This segment provides key connections to KSU-Marietta facilities including the athletic fields, and multiple places within the KSU-Marietta campus.

Urban Greenway-Life – The urban greenway section follows Barclay Circle through the Life University Campus. This segment includes approximately .6 miles of urban greenway, which is

follows along Barclay Circle instead of Rottenwood Creek. This segment includes a trailhead at Wildwood Park, and creates key connections from the park to many destinations on the Life University Campus.

Urban Greenway-Cobb Parkway – This segment includes approximately .5 miles of urban greenway from Barclay Circle to Cobb Parkway. Because of flooding concerns in the Rottenwood Creek culvert and traffic issues along Cobb Parkway, the design team proposed crossing Cobb Parkway at Barclay Circle, and following the east side of Cobb Parkway to connect back to Rottenwood Creek. This segment connects Life University to the commercial developments along Cobb Parkway and the viewing area along Rottenwood Creek. This section includes one bridge crossing where Rottenwood Creek intersects Cobb Parkway to bring the trail to the south side of Rottenwood Creek.

41 to Franklin – This final segment of the greenway travels along Rottenwood Creek for approximately .9 miles and creates multiple connections to existing apartments and housing areas and the Franklin Road Greenspace. The trail contains 3 bridge crossings in this segment, and includes a trailhead at the Franklin Road Greenspace.

Breakouts

Attendees were then asked to walk through the four stations set up for each trail segment, and provide comments and feedback for the different segments. Key items that were discussed and will continue to be refined are:

- The design of the trail along Barclay Circle. Future design iterations will include leaving the curb lines intact and working behind the curb.
- Crossing Cobb Parkway. There are still several options at how to best connect the east and west sides of US41.

There was also a comment board for attendees to leave written feedback. The board received three comments, which were:

- Trails are great
- Trailhead is needed at Alumni Drive and South Hornet
- Use Wylie Road as an alternative to Cobb Parkway

The meeting was adjourned at 7:00 PM.

Rottenwood Creek Scoping Study
Stakeholder Committee Workshop

April 23, 2014



Name & Organization

Ross Brewer, City of Marietta

Joseph Hart, joseph.bhart.1993@gmail.com

Boyd Johnson Gateway Management CID

Mark Lawson KCM Galena Mills CID

Intel Freeman SPSU/KSU

David Hiltner KStU-MC

Beth Jaen Hiltner

Tim Dow SPSU

Nathan Berkley SPSU

Elaine Ante GDOT/DPI

Kenny Thompson Stantec

Rottenwood Creek Scoping Study
Stakeholder Committee Workshop

April 23, 2014



Name & Organization

Mine Hashas-Degertekin

KSU ARCH

PATRICK AUCON

GDOT - District 7

Betha Sessions

City of Marietta

Brian Biner

City of Marietta

Kasey Helton

KSU

Rottenwood Creek Scoping Study
Stakeholder Committee Workshop

April 23, 2014



Name & Organization

Celeste Burr

Rich Duckman

Charlie Lenz

Marietta

Marietta

Jeffrey Bernard

KSU - Marietta Campus

Philip Goldstein

Marietta

JD Bowers

KSU - Marietta

Matthew Strauss

SPGU

Elise Cormier

Smart Landscapes

STAKEHOLDER OPEN HOUSE MEETING

ROTTENWOOD CREEK TRAIL

DATE / TIME: June 23, 2015 / 3:00 PM - 5:30 PM

PLACE: KSU Marietta Campus

NEXT MEETING: TBD

ATTENDEES: See Attachment 1 & 2

ABSENTEES:

DISTRIBUTION: At beshest of the City of Marietta

DISCUSSION

This particular meeting was held in open house style to encourage fluidity and dialogue between members of the project team and attendees. Boards of the overall master plan and segments of the trail were laid out in the room on tables and easels to allow for easy visibility for the community members, faculty of Kennesaw State University, employees of the City of Marietta, Marietta Planning Commission, and Georgia Department of Transportation that were in attendance. Attendees were encouraged to speak to any of the project team members and air out any ideas they may have for the trail. Sticky notes were made available to be written on and placed on any of the maps where they saw fit. Some of the suggestions and comments were incorporating storm water swales and permeable pavements into the trail, providing seating opportunities along the trail for lunch spots, showing and offering connections to existing transit stations, and realigning access points to link up with existing trail systems.

PRESENTATION

Andrew Kohr and Kyetha Clark reemphasized the project goals and over view and revealed the logo for the trail. The branding and marketing of the trail was also discussed by mentioning the new website and opportunities for event tee shirts. Andrew reviewed how the slogan for the trail, "Live Rotten", was decided on and how they predict this trail will be used and who will use this trail once construction is concluded.

The meeting was adjourned at 5:30 PM.

Rottenwood Creek Trail Scoping Study

Public Open House

June 23 2015



Name & Organization

Ray Corp

Ashborough

Charlie Lanz

City of Marietta

Matt Bearden

City of Marietta

Kasey Helton

KSU

Julie Newell

KSU - Marietta

CRAIG VANDENHOVEN

KSU -

Bob Haybort

KSU - Marietta

Connie L. Lanz

KSU

Ross Brewer

City of Marietta

Nora Whisenant

Brice Cobb

Debra Maloyan

KSU

TINA BLANKS

KSU

Rich Richmond

City of Marietta

Philip Goldfarb

City of Marietta

David Hiltner

KSU

Don Amos

SOBeth Amos

Rottenwood Creek Trail Scoping Study

Public Open House

June 23 2015



Name & Organization

Beth Sessions - City of Murfreesboro
Milten Jortch - Stowles & Company

Bob Kinney - Marietta Planning Commission

Mark Lawson

KSU

Techno GM

Dargins ARB

Elaine Armster

6DOT/8PD

ELISE CORNIER

Smart Landscapes



Concept Team Meeting Minutes

Concept Team Meeting

PI 0012873 (Cobb) – Rottenwood Creek Trail Phase 1

Date/Time: September 1, 2015 / 1:30 PM

Place: GDOT/OGC Large Conference Room, 25th Floor

Attendees: Kyethea Clark (City of Marietta); Charlie Lanz (City of Marietta); David Hilker (KSU); Matt Bearden (City of Marietta); Peter B. Emmanuel (GDOT/OPD); Andrew Kohr (Stantec); Nathan Aarons (Stantec); Claire Bartlett (Barry Loudermilk's office); S Miles (GDOT); Sam Pugh (GDOT-OES); Keith Rosen (GDOT)

Introductions and Overview.

Peter Emmanuel introduced the project and individual members introduced themselves. Peter provided an overview of the project and the scope of the project. As it currently stands no construction funds have been authorized and this is merely a scoping study. When this moves to PE, a new PI number will be developed to follow the project through to construction.

Review of Project Process

Andrew Kohr, representing Stantec Consulting, provided an overview of the project process and detailed the design process to date. He outlined the public engagement process and a recap of the PIOH in June.

Review of Concept Report

Each item on the concept report was reviewed in detail. Multiple questions were asked and answered during the meeting to get further clarification on correct responses.

Next Steps

At the close of the meeting, we identified next steps which included addressing comments and resubmitting to GDOT for additional review.

The meeting adjourned at 2:30 PM

Stantec Consulting Services Inc.

MEETING SIGN-IN SHEET

Project: PI 0012873, Cobb County – CONCEPT TEAM Meeting	Meeting Date: September 1, 2015 @ 1:30 pm
Facilitator: Peter B. Emmanuel	Place/Room: OGC, Large Conference Room 25 th Floor

Name	Company	Phone	E-Mail
Claire Bartlett	US Rep. Barry Loudermilk	770-710-4461	Claire.bartlett@mail.house.gov
Charlie Lanz	City of Marietta	770-794-5656	clanz@marietta ga.gov
Matt Bearden	City of Marietta	770-794-5648	mbearden@marietta ga.gov
David Hiltner	KSL	678 915 3294	dhiltner@mesaw.edu
NATHAN AARONS	STANTEC	404-403-9066	nathan.aarons@stantec.com
ANDREW KOHL	STANTEC	(4) 556-8758	ANDREW.KOHL@STANTEC.COM
S. Miles	CDOT	404 631 1155	smiles@dotga.gov
Sam Pugh	CDOT-OES	404 631 1167	spugh@dotga.gov
Kyethra Clark	City of Marietta	7) 794-5268	KClark@marietta ga.gov

MEETING SIGN-IN SHEET

Project: PI 0012873, Cobb County – CONCEPT TEAM Meeting

Meeting Date: September 1, 2015 @ 1:30 pm

Facilitator: Peter B. Emmanuel

Place/Room: OGC, Large Conference Room
25th Floor

ROTTENWOOD CREEK TRAIL CONCEPT TEAM MEETING COMMENTS/QUESTIONS

PI NO.: 0012873

COUNTY: Cobb

SPONSOR: City of Marietta

SUBJECT: CTM - Rottenwood Creek Trail - Phase ^I~~II~~

DATE: Tuesday, September 1, 2015

TIME: 1:30 PM – 3:30 PM

NOTE: The questions/comments below will be added to the concept team meeting minutes and may be incorporated into the projects if it is feasible.

NAME	Peter Emmanuel	Please provides us comments on the concept report and write down any questions/suggestions that you would like for us to address or incorporate into the projects.
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QUESTIONS/COMMENTS

Pedestrian Bridge Typical Section

loading for the Pedestrian Bridge

Trail \Rightarrow Don't need Air/Noise Report not needed,

CE document. Design

Approved Traffic not needed

Pedestrian pole

Conform to the Bike Manual \Rightarrow Multi-Use Trail

Slope is under 5%

* Show ENV impacts in the Concept Report, attached to it. Include Memo (Windshield Survey) of all ENV resources that has been identified.

- * Label Bridge #1 on layout & which attachment to review
- * PCC was selected
- Design Features for Trail
 - % cross slope
- * All lighting on Local RCo, not anticipating impacts to State Route/
No Lighting Agreement
- * Landscape required
- * Show as sever easement along Rottenwood Creek
- * 14 parcels for 9 months..a/c Q