ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT
INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. # 0009294
CSHPP000900294
Coweta County
GDOT District 3 - Thomaston
Chattahoochee Hills Regional Greenway Trail

OFFICE Design Policy & Support

DATE June 15, 2016

FROM Kim Phillips 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
Michael Presley, District Engineer
Adam Smith, District Preconstruction Engineer
Scott Parker, District Utilities Engineer
Ameenah Saleen, Project Manager
BOARD MEMBER - 3rd Congressional District

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA
LIMITED SCOPE PROJECT CONCEPT REPORT

Project Type: Enhancement | P.I. Number: 0009294
GDOT District: 3 | County: Coweta
Federal Route Number: N/A | State Route Number: N/A
Project Number:

Evaluate the proposed Concept Trail Design through Chattahoochee Bend State Park. This multi-use path is the southernmost section of the Chattahoochee Hill Country Regional Greenway Trail System. The objective is to receive concept design approval from the County and other Government agencies, once approved; applications will be submitted so the next round of funding may be approved for this project.

Submitted for approval:

Robert K. MacPherson — Prime Engineering, Inc. — 4/29/16
Consultant Designer & Firm or GDOT Concept/Design Phase Office Head & Office — Date

COWETA COUNTY TRANSPORTATION + ENG. — 5/9/16
Local Government Sponsor — Date

Albert Shelby — 5-16-16
State Program Delivery Engineer — Date

KRD — 5/2/16
GDOT Project Manager — Date

* Recommendation on file

Recommendation for approval: *(Delete any inapplicable signature lines)*

* Eric Duff / KLP — 6-6-16
State Environmental Administrator — Date

State Traffic Engineer — Date

☒ MPO Area: This project is consistent with the MPO adopted Regional Transportation Plan (RTP)/Long Range Transportation Plan (LRTP).

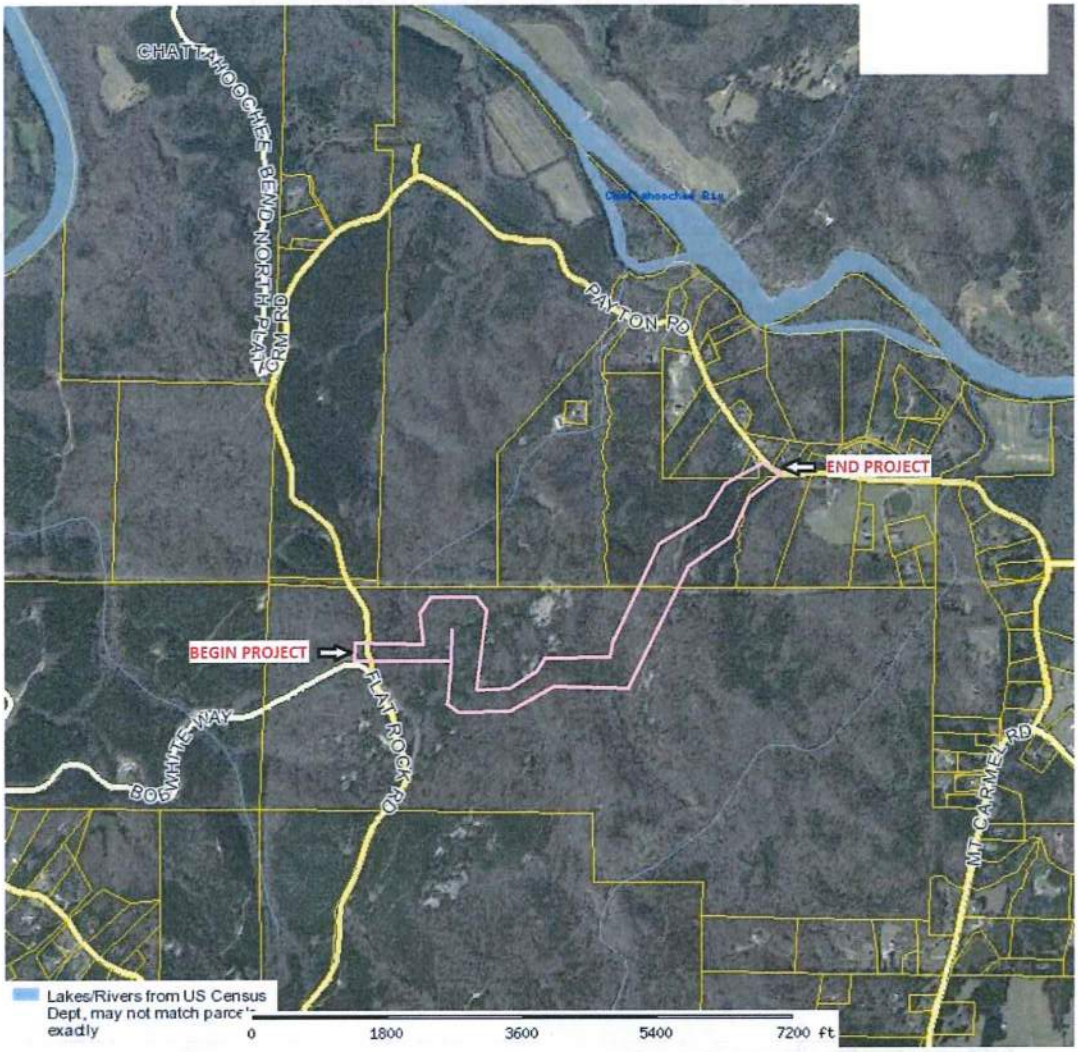
Cynthia L. Vanore — 5-18-16
State Transportation Planning Administrator — Date

Approval:

Concur: — 6/7/16
GDOT Director of Engineering — Date

Approve: Margaret B. Pinkle — 6-10-16
GDOT Chief Engineer — Date

PROJECT LOCATION



Chattahoochee Hill Country Regional Greenway Trail: Coweta Pilot

PROJECT STUDY AREA

PLANNING & BACKGROUND DATA

Project Justification Statement:

Chattahoochee Hill Country Regional Greenway Trail System: Coweta County Pilot Segment

Last Mile Connectivity/Side Paths and Trails

A **pedestrian and bicycle trail** is a trail designed for pedestrians and cyclists, animal traffic and horse riders, rather than vehicular traffic. The proposed trail will begin at the existing Flat Rock Road Trailhead in Chattahoochee Bend State Park (CBSP) and terminate at Payton Road at the eastern limit of the park. The pedestrian and bicycle trail through CBSP will provide the opportunity to enjoy the scenic beauty of the Chattahoochee Hill Country and Chattahoochee River corridor, while simultaneously connecting the existing CBSP to the new Chattahoochee Hill Country (CHC) Regional Greenway Trail System. The CHC Greenway Trail System, a four-county initiative to preserve the beauty of the Chattahoochee River area and increase the quality of life for the residents and visitors to the area, has chosen CBSP as the western beginning of the 98 mile Greenway Trail system.

In addition, the new pedestrian and bicycle trail (1.8 miles) will be paved with asphalt, creating an ADA and family bike friendly trail. As a requirement of the funding for the trail, 20% of the trail is required to be ADA compliant. The design initiative will seek to create a 50% ADA compliant trail. The trail will utilize the existing landscape to minimize the need for man-made structures such as bridges or retaining walls, thus capturing the natural beauty of the park.

Existing conditions:
The project is located on the existing CBSP property. The project starting point is the existing trailhead located at Flat Rock Road and the end is the eastern boundary of the park at Payton Road. The area is currently a wooded state park area. The Park's master plan provides for pedestrian and bicycle access to this area of the park and Coweta County's pilot segment of the Chattahoochee Hill Country Regional Greenway Trail will serve the purposes of contributing to the planned system of trails in the CBSP as well as establish the first segment of the Chattahoochee Hill Country Greenway Trail System in Coweta County.

The project will be located on undeveloped land. It will weave through the park to follow the existing contours of the site and avoid natural barriers to construction such as rock outcroppings and drainage channels. The project will end at the future Payton Road trailhead.

There are seven official state archeological sites containing prehistoric lithic scatter that are located in the project vicinity, as identified in a 2003 archeological study of CBSP by Southeastern Archeological Services, Inc. Six of these archeological sites are located within the existing power line easement. No archeological structures or cemeteries are located in the project vicinity. The trail and construction will avoid all seven sites.

There are four confirmed or potential archeological sites per the above referenced 2003 archeological study. These include two possible prehistoric rock shelters, one rock pile, and one historic house site containing a chimney stub and open well. Shovel tests were not excavated in the rock shelter and rock pile areas to confirm archeological site status. The trail and construction will avoid all four sites.

There are no streams, stormwater ditches, or open bodies of water in the project site. Wetlands are located on the project site. The trail will avoid all wetlands.

(Note: The information in italics to be verified upon final report from the Environmental Survey)

An overhead transmission line owned by MEAG Power runs through the proposed trail area. The transmission line ROW is maintained by Georgia Power.

Other projects in the area: None known.

Description of the proposed project:

The project is located in an unincorporated portion of Coweta County, Georgia. The project is within the property boundaries of CBSP and is approximately 1.8 miles long.

The project generally encompasses the use of existing ridgelines and contours to create a 10-foot wide, paved pedestrian/bicycle trail starting at the existing Flat Rock Road Trailhead in the center of CBSP and ultimately ending at Payton Road at the eastern boundary of CBSP.

The trail will begin at the existing trailhead on the west side of Flat Rock Road. The trail will cross Flat Rock Road at grade and follow the 920 contour (±20 feet) for approximately 5,000 feet. Over the course of the next 1,800 linear feet, the trail descends approximately 60 feet, following an existing logging road, before ascending approximately 90 feet to the trail summit. Once the trail summit is reached, the trail descends 180 feet over 2,700 linear feet of trail, following an abandoned road bed to Payton Road. The trail crosses an active power line easement at approximately Sta. 83+00. The trail alignment was selected to avoid rock outcroppings, bolders, long needle pie trees, wetlands, and other environmental concerns.

Utilizing the existing landscape, existing trail segments, and avoiding rock outcroppings will allow for trail construction without bridges or retaining walls. This approach will minimize the disturbed area associated with the trail construction and allow for faster installation, which will significantly shorten the construction time and cost.

MPO: Atlanta Regional Commission (ARC) CW-049

TIA Regional Commission: Three Rivers RC

MPO Name Congressional District(s): 3

Federal Oversight: ☒Exempt ☐State Funded ☐Other

Projected Traffic: N/A 24 HR T: N/A%
Current Year (20WW): N/A Open Year (20XX): N/A Design Year (20YY): N/A
Traffic Projections Performed by: N/A. Traffic on trail will be limited to pedestrian and bicycle

Functional Classification (Mainline): Not Applicable

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

DESIGN AND STRUCTURAL

Description of Proposed Project:
The project is located in an unincorporated portion of Coweta County, Georgia. The project is within the property boundaries of CBSP and is approximately 1.8 miles long.

The project generally encompasses the use of existing ridgelines and contours to create 10-foot wide pedestrian/bicycle trail starting at an existing trailhead on Flat Rock Road in the center of CBSP and ultimately ending at a new trailhead on Payton Road at the east boundary of CBSP.

Major Structures: N/A

Mainline Design Features: Chattahoochee Hill Country Regional Greenway Trail: Coweta Pilot

Feature	Standard*	Proposed
Typical Section		
- **Number of Lanes**	**1**	**1**
- **Lane Width(s)**	**10-14 feet**	**10 feet**
- **Median Width & Type**	**n/a**	**n/a**
- **Outside Shoulder or Border Area Width**	**2-5 feet**	**2-5 feet**
- **Outside Shoulder Slope**	**2:1 or less**	**2:1**
- **Inside Shoulder Width**	**2 feet**	**n/a**
- **Sidewalks**	**5 feet**	**n/a**
- **Auxiliary Lanes**	**n/a**	**n/a**
- **Bike Lanes**	**n/a**	**n/a**
Posted Speed	**n/a**	**None**
Design Speed	**14 – 16 MPH**	**14 – 16 MPH**
Min Horizontal Curve Radius	**36 – 47 feet**	**36 - 47 feet**
Maximum Superelevation Rate	**2 percent**	**2 percent**
Maximum Grade	**8 percent (STA. 10+00 – STA. 59+00)** **N/A (STA. 59+00 – END)**	**8 percent (STA. 10+00 – STA. 59+00)** **N/A (STA. 59+00 – END)**
Access Control	**n/a**	**n/a**
Design Vehicle	**n/a**	**n/a**
Pavement Type	**Slate/Asphalt/Concrete**	**Asphalt**

*According to AASHTO Guide for the Development of Bike Facilities

Major Interchanges/Intersections: There is one (1) intersection for this project. The project will start by crossing Flat Rock Road at grade. Flat Rock Road is an internal park road to Chattahoochee Bend State Park, and is abandoned and not open to the general public.

Lighting required: ☒ No ☐ Yes
The multi-use trail will be a dawn to dusk trail.

Transportation Management Plan [TMP] Required: ☐ No ☒ Yes KLP
If Yes: Project classified as: ☒ Non-Significant ☐ Significant
TMP Components Anticipated: ☒ TTC ☐ TO ☐ PI

Will Context Sensitive Solutions procedures be utilized? ☒ No ☐ Yes

Design Exceptions to FHWA/AASHTO controlling criteria anticipated: None

Design Variances to GDOT Standard Criteria anticipated: None

UTILITY AND PROPERTY

Temporary State Route Needed: ☒ No ☐ Yes ☐ Undetermined

Railroad Involvement: No

Utility Involvements: Yes. The proposed trail crosses a MEAG Power Transmission line whose ROW is maintained by Georgia Power. An application for crossing location permission will need to be submitted to Georgia Power with final approval by MEAG Power.

SUE Required: ☒ No ☐Yes

Public Interest Determination Policy and Procedure recommended? ☒ No ☐ Yes

Right-of-Way: Existing width: N/A ft. Proposed width: N/A ft.
Required Right-of-Way anticipated: ☒ No ☐ Yes ☐ Undetermined
Easements anticipated: ☒ None ☐ Temporary ☐ Permanent ☐ Utility ☐ Other
The impacted parcels on the trail are the property of Chattahoochee Bend State Park. The road crossing will impact Flat Rock Road, which is owned by Coweta County.

The entire trail and construction is located on the property of Chattahoochee Bend State Park, which is owned by the Georgia Department of Natural Resources, the end owner of the trail.

Anticipated total number of impacted parcels:		1
Displacements anticipated:	Businesses:	0
	Residences:	0
	Other:	0
	Total Displacements:	0

ENVIRONMENTAL AND PERMITS

Anticipated Environmental Document:
GEPA: ☐ **NEPA:** ☒ CE ☐ PCE

MS4 Compliance – Is the project located in an MS4 area? ☒ No ☐ Yes

Environmental Permits, Variances, Commitments, and Coordination anticipated: To be verified upon Environmental Survey completion.

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 (40 CFR 93) ☐ TBD

NEPA/GEPA Comments & Information:
There are seven official state archeological sites containing prehistoric lithic scatter that are located in the project vicinity, as identified in a 2003 archeological study of CBSP by Southeastern Archeological Services, Inc. Six of these archeological sites are located within the existing power line easement. No archeological structures or cemeteries are located in the project vicinity. The trail and construction will avoid all seven sites.

There are four confirmed or potential archeological sites per the above referenced 2003 archeological study. These include two possible prehistoric rock shelters, one rock pile, and one historic house site containing a chimney stub and open well. Shovel tests were not excavated in the rock shelter and rock pile areas to confirm archeological site status. The trail and construction will avoid all four sites.

One historic resource is believed to be located along Payton Road in the project area. It is not anticipated that the project would have an adverse effect to this resource.

No aquatic species or habitat is located in the project area. Protected species surveys will be conducted to locate potential protected species including little amphianthus and black-spored quillwort. It is not anticipated that the project would have any effect or an adverse effect to these resources.

Prime Engineering, with the assistance of Chattahoochee Bend State Park staff, will conduct environmental field surveys of the project for all environmental disciplines and prepare a CE document to be submitted to the GDOT and FHWA for review, ensuring the above statements.

COORDINATION, ACTIVITIES, RESPONSIBILITIES, AND COSTS

Project Meetings:

A project kick-off meeting was held on October 21, 2015 at 22 E. Broad Street, Newnan, Georgia, with the following people present: Justin Banks, GDOT; Robert Tolleson, Tod Handley, Tavores Edwards, and Sandra Parker, Coweta County; Rob MacPherson, Prime Engineering; Steve Cronan, DNR; Erin Kenner, Chattahoochee Bend State Park; and Eric Nicoletti, GT Hill Planners. Meeting minutes are provided in Attachment 3.

A progress meeting was held on January 20, 2016 via teleconference, with the following people present: Justin Banks, GDOT; Sandra Parker, Robert Tolleson, and Tod Handley, Coweta County; Rob MacPherson and Elizabeth Stenberg, Prime Engineering; Steve Cronan, DNR; Erin Kenner, Chattahoochee Bend State Park; and Erin Murphy, GT Hill Planners. Meeting minutes are provided in Attachment 3.

A concept review meeting was held on March 28, 2016 at 600 West Peachtree St NW, Atlanta, GA 30308, with the following people present: Justin Banks, Erik Rohde, Quinton Spann, Ryan Perry, and Felicity Davis, GDOT; Byron Rushing and Kofi Wakhisi, Atlanta Regional Comission; Robert Tolleson, Tod Handley, and Sandra Parker, Coweta County; Rob MacPherson, Prime Engineering; Steve Cronan, DNR, and Jack Reed, Scott Parker, Danny Miller, and Keenan Ford. No meeting minutes are available. Sign in sheet is provided in Attachment 3.

Project Activity	Party Responsible for Performing Task(s)
Concept Development	Prime Engineering & Coweta County
Design	Prime Engineering
Right-of-Way Acquisition	N/A
Utility Coordination (Preconstruction)	Prime Engineering
Utility Relocation (Construction)	N/A
Letting to Contract	Local Let
Construction Supervision	Prime Engineering & Coweta County
Providing Material Pits	Coweta County
Providing Detours	Not Applicable
Environmental Studies, Documents, & Permits	Prime Engineering
Environmental Mitigation	Prime Engineering
Construction Inspection & Materials Testing	Coweta County

Other coordination to date: None at this time.

Project Cost Estimate and Funding Responsibilities: Do not have at this time

	Breakdown of PE	ROW	Reimbursable Utility	CST*	Environmental Mitigation	Total Cost
Funded By	Coweta County/ GDOT	Coweta County	Coweta County	Coweta County/ GDOT	N/A	
$ Amount	$129,348.68	$0	$0	$681,869.15	$0	$811,217.83
Date of Estimate	3/2/2016			3/2/2016		

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

ALTERNATIVES DISCUSSION

Preferred Alternative: The trail will begin at the existing trailhead on the west side of Flat Rock Road. The trail will cross Flat Rock Road at grade and follow the 920 contour (±20 feet) for approximately 5,000 feet. The trail

then descends approximately 60 feet following an existing logging road before ascending approximately 90 feet to the trail summit. The distance of this trail section is approximately 1,800 feet. Once the trail summit is reached, the trail descends 180 feet over the next 2,700 linear feet of trail, following an abandoned road bed to Payton Road. The trail crosses an active power line easement at approximately Sta. 83+00. The trail alignment was selected to avoid rock outcroppings, wetlands, and other environmental concerns.			
Estimated Property Impacts:	1	**Estimated Total Cost:**	TBD
Estimated ROW Cost:	N/A	**Estimated CST Time:**	TBD
Rationale: This alternative allows a portion of the trail to be ADA compliant, uses existing grades to minimize disturbance, avoids specimen trees and rock outcroppings, and utilizes an abandoned roadbed. ADA compliance, avoidance of trees, and avoidance of flat rocks and boulders is required.			

No-Build Alternative:			
Estimated Property Impacts:	1	**Estimated Total Cost:**	N/A
Estimated ROW Cost:	N/A	**Estimated CST Time:**	N/A
Rationale:			

Alternative 1: Sta. 70+00 to Sta. 76+00 contains large rock outcroppings and steep slopes. Two preliminary alternatives have been selected to minimize slopes and maximize curve radii based upon a site visit. An official survey of the site will determine the best possible trail route.			
Estimated Property Impacts:	1	**Estimated Total Cost:**	N/A
Estimated ROW Cost:	N/A	**Estimated CST Time:**	N/A
Rationale: This alternative was developed to minimize slopes on this portion of the trail. This alternate was discarded after the completed survey showed its encroachment on flat rock and boulders.			

Comments/Additional Information: The preferred alignment was chosen through the joint effort of Prime Engineering and Coweta County.

LIST OF ATTACHMENTS/SUPPORTING DATA

List and attach as appropriate to project. Please see PDP Appendix A for a more complete list of potential attachment.

1. Concept Plans and Typical Section
2. Cost Estimate
3. Meeting Minutes

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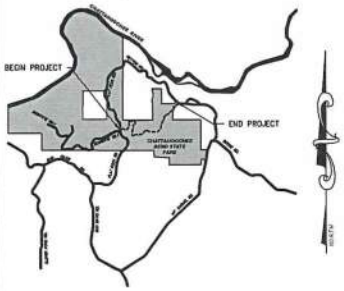
DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONCEPT PLANS
CHATTAHOOCHEE HILL COUNTRY REGIONAL GREENWAY
TRAIL: COWETA PILOT

COWETA COUNTY



NOTE: HORIZONTAL DATUM - NAD 83 (1994)
VERTICAL DATUM - NAVD 88

BEGIN PROJECT: LAT 33° 25' 38.19" LONG 84° 58' 19.44"

END PROJECT: LAT 33° 28' 00.44" LONG 84° 57' 15.01"

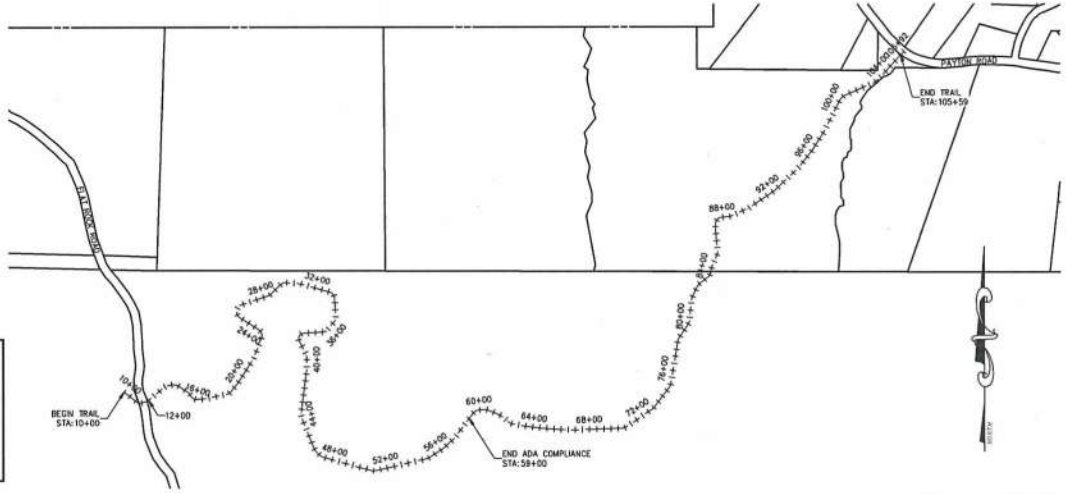
NOTE: THE COORDINATES LISTED ARE WEST ZONE GRID COORDINATES BASED ON THE GA. STATE PLANE COORDINATE SYSTEM.

THIS PROJECT IS LOCATED 100% IN COWETA COUNTY AND 100% IN CONGRESSIONAL DISTRICT NO. 3.

PROJECT DESIGNATION: PDDI/EXEMPT

DESIGNED IN ENGLISH UNITS

PROJECT START: FLAT ROCK ROAD TRAILHEAD
PROJECT END: PAYTON ROAD
P. I. NO: 0009294 COWETA



LENGTH OF PROJECT COWETA COUNTY	COUNTY NO. 077 PROJECT NO. 0009294 MILES
NET LENGTH OF TRAIL	1.80
NET LENGTH OF PROJECT	1.80
GROSS LENGTH OF PROJECT	1.80

MID-POINT COORDINATES

STA. 52+79.5 MAINLINE TRAIL

N 1246901.98
E 205278.03

TRAIL PATH:

DESIGN DATA:	
TRAFFIC A.D.T. (2010):	N/A
TRAFFIC A.D.T. (2030):	N/A
TRAFFIC DHV (2030):	N/A
DIRECTIONAL DIST. :	N/A
% TRUCKS:	N/A
24 HR. TRUCKS %:	N/A
FUNCTIONAL CLASS:	PEDESTRIAN
SPEED DESIGN:	14 MPH

NOTE:

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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ENGINEER, TO ALTER THIS DOCUMENT.

PLANS PREPARED BY PRIME ENGINEERING, INC.

GRAPHIC SCALE
(IN FEET)
1 inch = 400 ft.

PREPARED BY: _____

RECOMMENDED FOR APPROVAL BY: _____

DATE _____ CHIEF ENGINEER

LOCATION AND DESIGN APPROVAL DATE _____

PLANS COMPLETED	
REVISIONS	

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	1	XX

PRIME ENGINEERING INCORPORATED
3115 NORTHSIDE PARKWAY NW
SUNNORTHCREEK, SUITE 200
ATLANTA, GEORGIA 30327
404-425-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE: COVER SHEET

DRAWING DATE	DRAWN BY	DESIGNED BY	CHECKED BY
02/15/16	EAS	RRM	RRM
DRAWING SCALE 1"=200'			
PROJECT NUMBER 2038-0001			
DRAWING NUMBER 01-001			

NOT ISSUED FOR CONSTRUCTION

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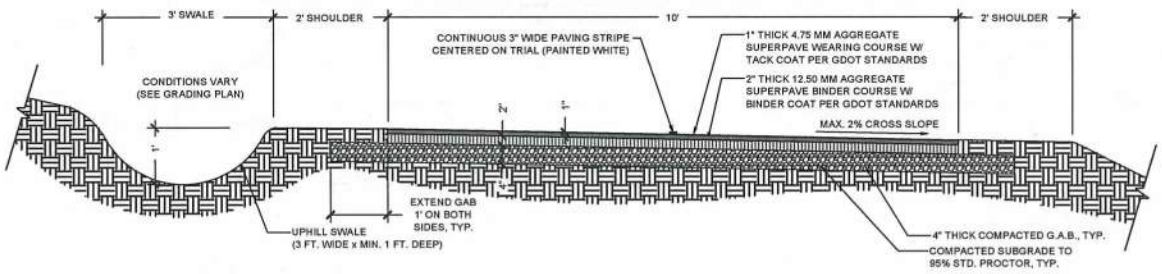
TRAIL NOTES:
TRAIL EDGES SHALL BE "DRESSED OUT" TO AN EVEN LEVEL GRADE. BACKFILLED EDGES SHALL BE FREE OF G.A.B., ROCKS, BRICKS, BOULDERS, OR OTHER CONSTRUCTION DEBRIS. SEE SPECIFICATIONS FOR FURTHER INFORMATION.

TRAIL DRESS OUT SHALL BE CONDUCTED IN A MANNER SO AS TO CAUSE NO DAMAGE TO THE TRAIL SURFACE OR EDGES. ANY DAMAGED AREAS SHALL BE IMMEDIATELY REPAIRED.

SOD, SEEDING & MULCHING OPERATIONS SHALL COVER ALL DISTURBED AREAS.

NOTIFY OWNER'S REPRESENTATIVE IF TRAIL ROUTE INTERFERES WITH TREES OVER 24" D.B.H. - TRAIL MAY NEED TO BE RELOCATED TO AVOID REMOVAL OF SUCH TREES.

CONTRACTOR SHALL STAKE CENTER LINE OF TRAIL @ 25 FT. INTERVALS IN THE FIELD PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY OWNER'S REPRESENTATIVE THE TRAILS ARE STAKED AND READY TO BE WALKED TO DETERMINE IF ADJUSTMENTS IN ALIGNMENT ARE REQUIRED TO AVOID TREES OR MINIMIZE CROSS-SLOPE CONSTRUCTION. THE CONTRACTOR SHALL ANTICIPATE RE-STAKING OF TRAILS A MINIMUM OF TWO TIMES FOR OWNER'S APPROVAL AT NO ADDITIONAL COST TO THE OWNER.



1 05-001 **TYPICAL SECTION**
SCALE: NTS

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	5	XX

PRIME ENGINEERING INCORPORATED
EMPOWERING INNOVATION
3000 NORTHGATE SUITE 200
ATLANTA, GEORGIA 30327
404-255-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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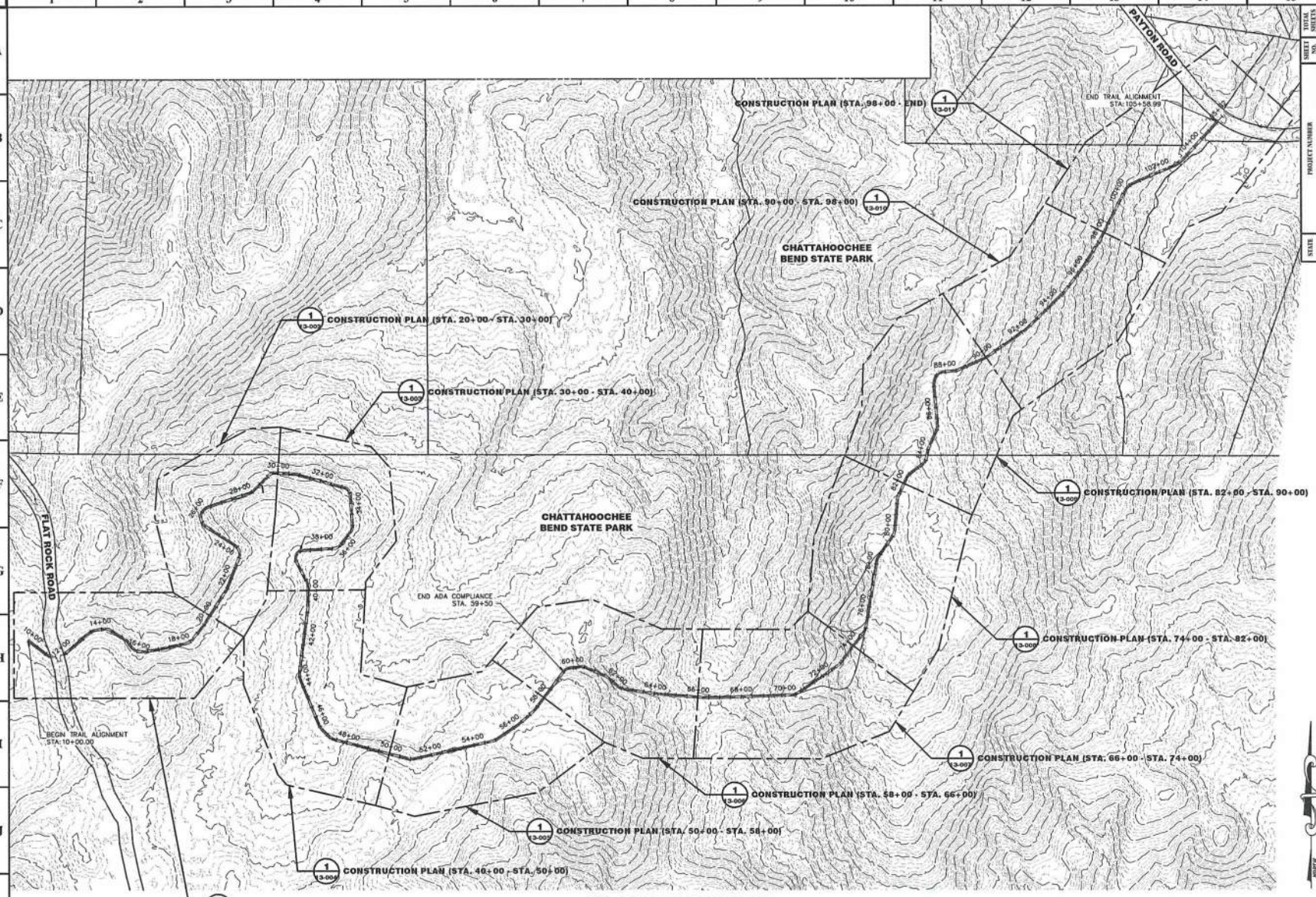
DRAWING TITLE: TYPICAL SECTIONS

DRAWING DATE 02/15/16	DRAWN BY EAS	
DRAWING SCALE NTS	DESIGNED BY HRM	
PROJECT NUMBER 2038-0001	CHECKED BY HRM	
DRAWING NUMBER 05-001		NOT ISSUED FOR CONSTRUCTION

R:\2038-0001 Coweta-Chattahoochee HS Trail\3 ENGINEERING\Drawings\05-001 TYPICAL SECTIONS 2038-0001.dwg Fri, 02/26/16 10:53 AM



1 (11-001) **CONSTRUCTION LAYOUT**
SCALE: 1"=200'

STATE	GA
PROJECT NUMBER	GDOT PI No.: 0009294
SHEET NO.	7
TOTAL SHEETS	XX

PRIME ENGINEERING INCORPORATED
2715 NORTHSIDE PARKWAY NW
NORTHSIDE SUITE 100
ATLANTA, GEORGIA 30327
404-425-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

No.	DATE	DESCRIPTION

SEAL

DATE:

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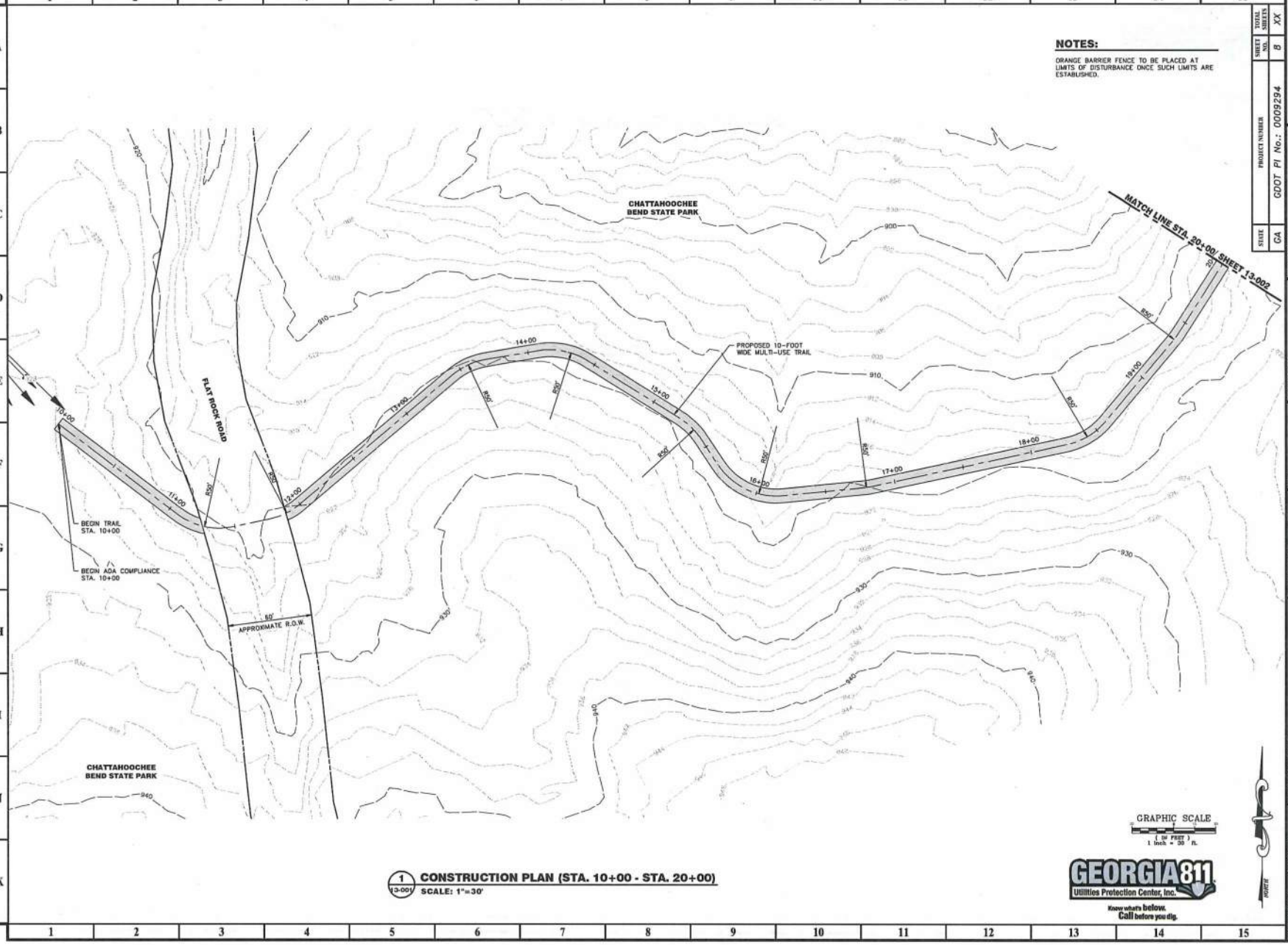
DRAWING TITLE

CONSTRUCTION LAYOUT

DRAWN BY	EAS
DESIGNED BY	RRM
CHECKED BY	RRM
DRAWING DATE	01/09/15
DRAWING SCALE	1"=200'
PROJECT NUMBER	2038-0001
DRAWING NUMBER	11-001

NOT ISSUED FOR CONSTRUCTION

R:\2038-0001 Coweta-Chattahoochee Hill Trail\3 ENGINEERING\Drawings\11-001 2038-0001.dwg Fri, 02/26/16 10:54 AM



1 (13-001) CONSTRUCTION PLAN (STA. 10+00 - STA. 20+00)
SCALE: 1"=30'

NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.

GEORGIA811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	8	XX

PRIME ENGINEERING INCORPORATED
DESIGN-BUILD DIVISION
NONCONFORMING SUITE 200
ATLANTA, GEORGIA 30327
404-255-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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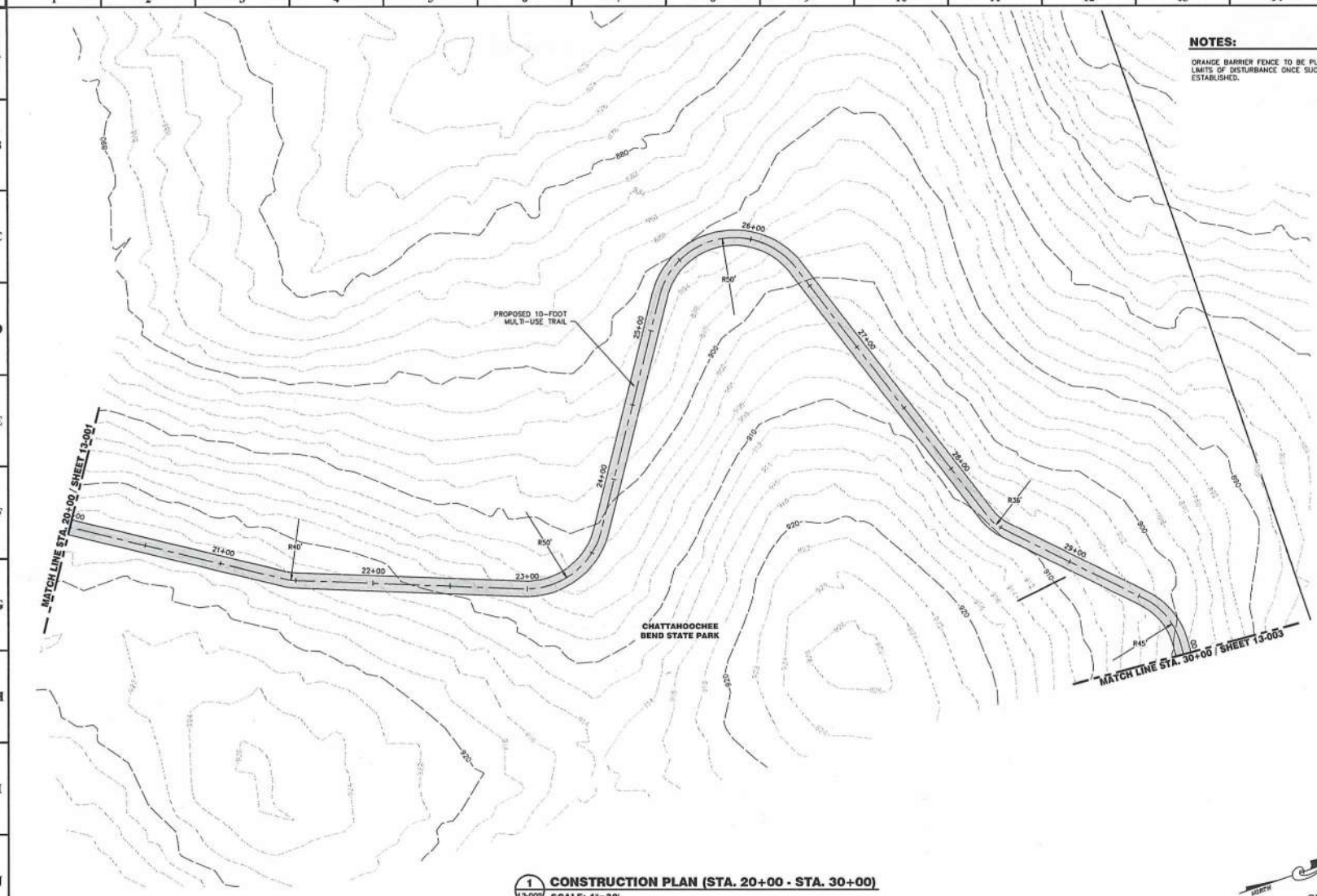
Unless stated otherwise, any plans, specifications, and other documents, including this original drawing, the drawings, and other data contained on these documents, which are 24 by 36 inches, have been created, prepared, and/or modified by Prime Engineering, Inc. (PRIME ENGINEERING). Unless stated otherwise, any use of the plans, specifications, and other documents, including this original drawing, the drawings, and other data contained on these documents, which are 24 by 36 inches, are hereby changed by the plan to corresponding dimensions of the original drawing. This drawing is the property of PRIME ENGINEERING. It is not to be altered, copied, or reproduced or copied in whole or in part. It is only to be used for the project and site specifically identified herein and is not to be used on any other project. It is to be returned upon request.

DRAWING TITLE: CONSTRUCTION PLAN (STA. 10+00 - STA. 20+00)

DRAWING DATE	DRAWN BY	DRAWING SCALE	DESIGNED BY	PROJECT NUMBER	CHECKED BY	DRAWING NUMBER
02/15/16	EAS	1"=30'	BRM	20335-0001	BRM	13-001

NOT ISSUED FOR CONSTRUCTION

R:\20335-0001 Coweta-Chattahoochee Hill Trail\3 ENGINEERING\Drawings\13-001 CONSTRUCTION PLAN 20335-0001.dwg Fri, 02/26/16 10:55 AM



NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.

1 / 13-002 **CONSTRUCTION PLAN (STA. 20+00 - STA. 30+00)**
SCALE: 1"=30'

NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

GEORGIA811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

SCALE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	9	XX

PRIME ENGINEERING INCORPORATED
8115 NORTHSIDE PARKWAY NW
100 NORTH CREEK, SUITE 200
ATLANTA, GEORGIA 30327
404-425-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

CONSTRUCTION PLAN (STA. 20+00 - STA. 30+00)

DRAWING DATE 02/25/16	DRAWN BY EAS
DRAWING SCALE 1"=30'	DESIGNED BY RRM
PROJECT NUMBER 2038-0001	CHECKED BY RRM
DRAWING NUMBER 13-002	

NOT ISSUED FOR CONSTRUCTION

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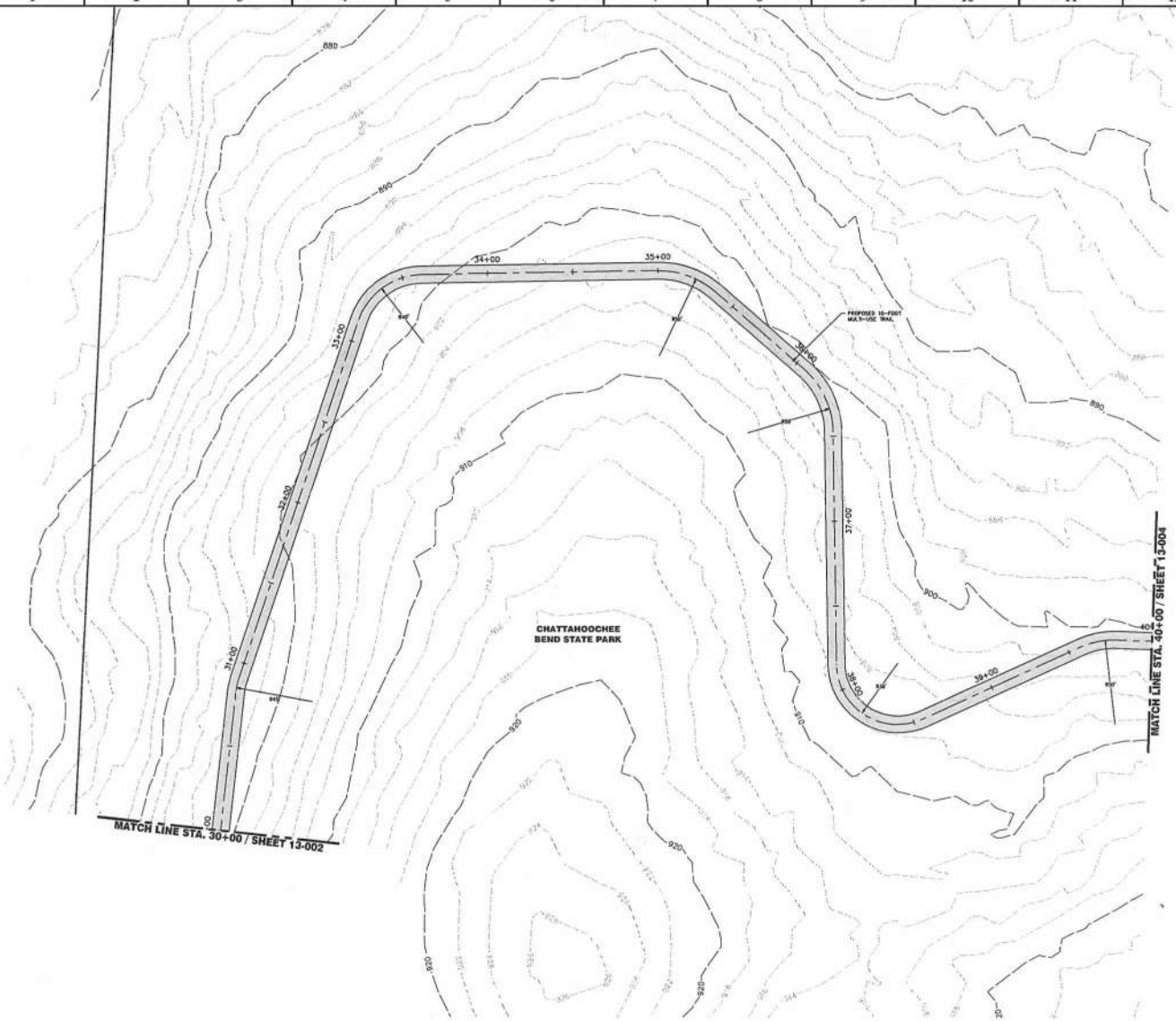

1 / 13-003 CONSTRUCTION PLAN (STA. 30+00 - STA. 40+00)
SCALE: 1"=30'

NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.

NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

GEORGIA 811
Utilities Protection Center, Inc.
Know what's below. Call before you dig.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	10	XX

PRIME ENGINEERING INCORPORATED
875 SOUTH HIGH STREET, SUITE 200
HIAWASSEE, GEORGIA 30546
(706) 896-8100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

CONSTRUCTION PLAN (STA. 30+00 - STA. 40+00)

DRAWING DATE	02/15/16
DRAWING SCALE	1"=30'
PROJECT NUMBER	2038-0001
DRAWN BY	EAS
DESIGNED BY	RRM
CHECKED BY	RRM

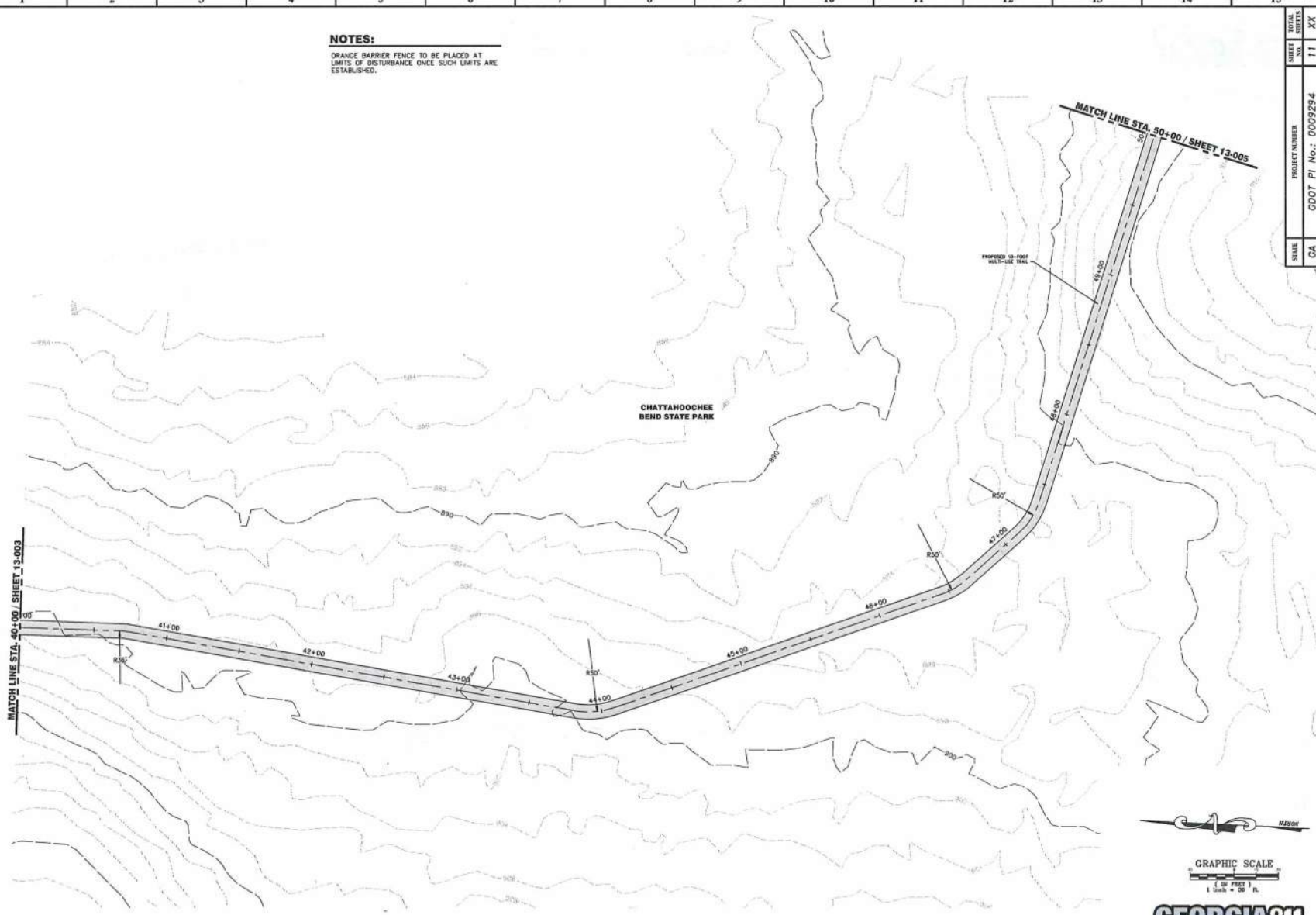
DRAWING NUMBER 13-003

NOT ISSUED FOR CONSTRUCTION

2:\2038-0001 County-Chattahoochee HB Trail\3 ENGINEERING\Drawings\13-003 CONSTRUCTION PLAN 2038-0001.dwg Fri, 02/26/16 10:56 AM

NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.



1 / 13-004 **CONSTRUCTION PLAN (STA. 40+00 - STA. 50+00)**
SCALE: 1"=30'

GEORGIA811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	11	XX

PRIME ENGINEERING INCORPORATED
2715 NORTHSIDE PARKWAY NW
NORTHSIDE, SUITE 300
ATLANTA, GEORGIA 30327
404-425-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS		
No.	DATE	DESCRIPTION

SEAL

DATE

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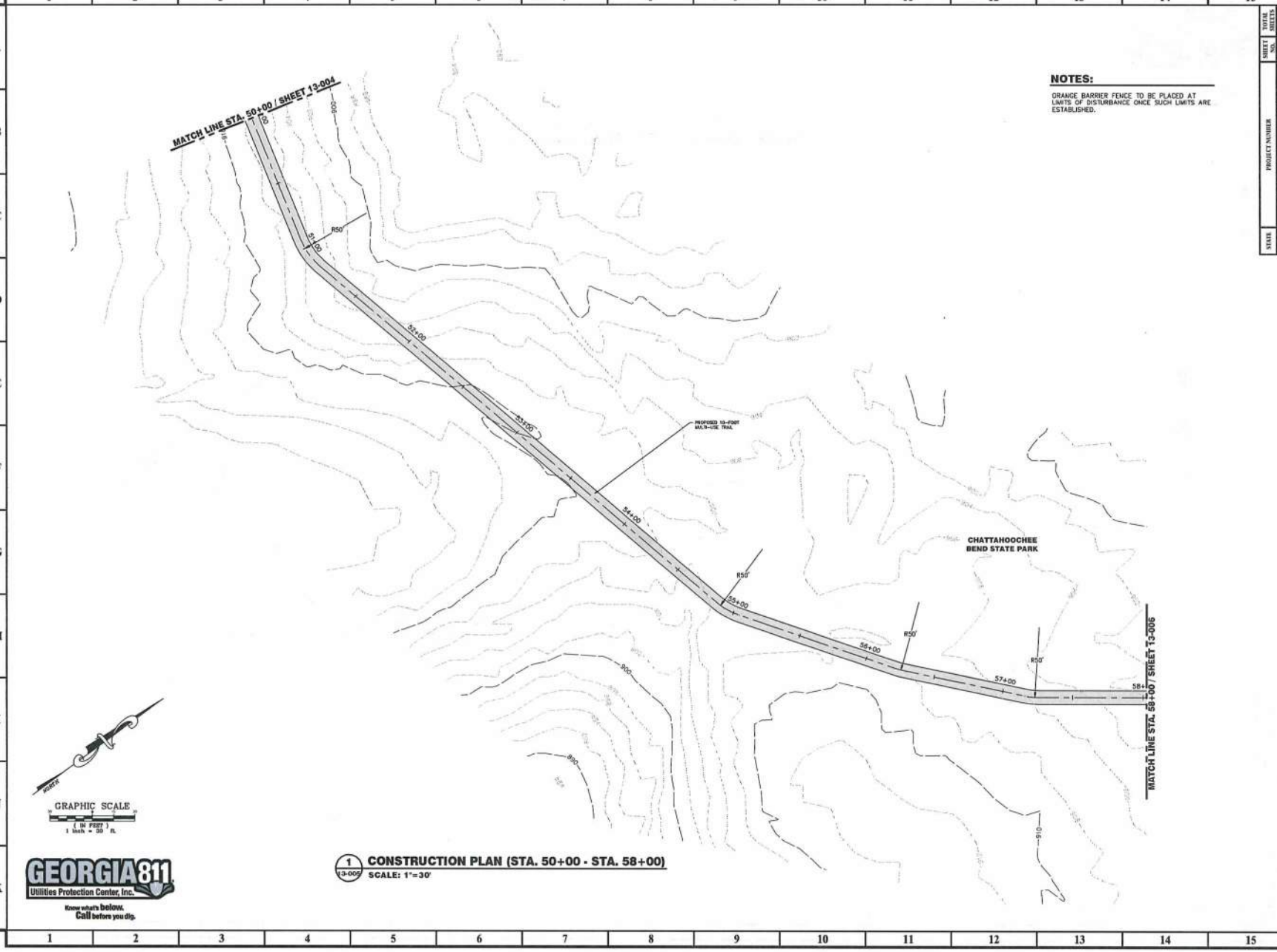
Scales, as stated hereon, are valid on the original drawing; the dimensions of which are 24 by 36 inches. Three weeks, which are 24 by 36 inches. Three weeks, which are 24 by 36 inches. Three weeks, the radii of the overall chord dimensions of the print to corresponding dimensions of the original drawing. PRIME ENGINEERING, INCORPORATED and is not to be reproduced or copied in whole or in part, or used for any purpose other than this project, and is not to be used on any other project. It is to be returned upon request.

DRAWING TITLE

CONSTRUCTION PLAN (STA. 40+00 - STA. 50+00)

DRAWING DATE 02/15/16	DRAWN BY EAS
DRAWING SCALE 1"=30'	DESIGNED BY RRM
PROJECT NUMBER 2038-0001	CHECKED BY RRM
DRAWING NUMBER 13-004	NOT ISSUED FOR CONSTRUCTION

G:\2038-0001 Coweta-Chattahoochee HB Trail\3 ENGINEERING\Drawings\13-004 CONSTRUCTION PLAN 2038-0001.dwg Feb 02,16/16 10:37 AM



1 / 13-005 CONSTRUCTION PLAN (STA. 50+00 - STA. 58+00)
SCALE: 1"=30'

NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.

GEORGIA 811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	12	XX

PRIME ENGINEERING INCORPORATED
2715 NORTHSIDE PARKWAY NW
SOUNDTHGREEN, SUITE 200
ATLANTA, GEORGIA 30327
404-815-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

CONSTRUCTION PLAN (STA. 50+00 - STA. 58+00)

DRAWING DATE 02/15/16	DRAWN BY EAS	
DRAWING SCALE 1"=30'	DESIGNED BY HRM	
PROJECT NUMBER 2038-0001	CHECKED BY HRM	
DRAWING NUMBER 13-005	NOT ISSUED FOR CONSTRUCTION	

NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.

1 (13-006) **CONSTRUCTION PLAN (STA. 58+00 - STA. 66+00)**
SCALE: 1'=30'

NORTH

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

GEORGIA811
Utilities Protection Center, Inc.
Know what's below. Call before you dig.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	13	XX

PRIME ENGINEERING INCORPORATED
3715 NORTHSIDE PARKWAY NW
100 NORTHCREEK, SUITE 200
ATLANTA, GEORGIA 30327
404-425-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS		
NO.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

CONSTRUCTION PLAN (STA. 58+00 - STA. 66+00)

DRAWN BY	DESIGNED BY	CHECKED BY
EAS	BRM	RDM

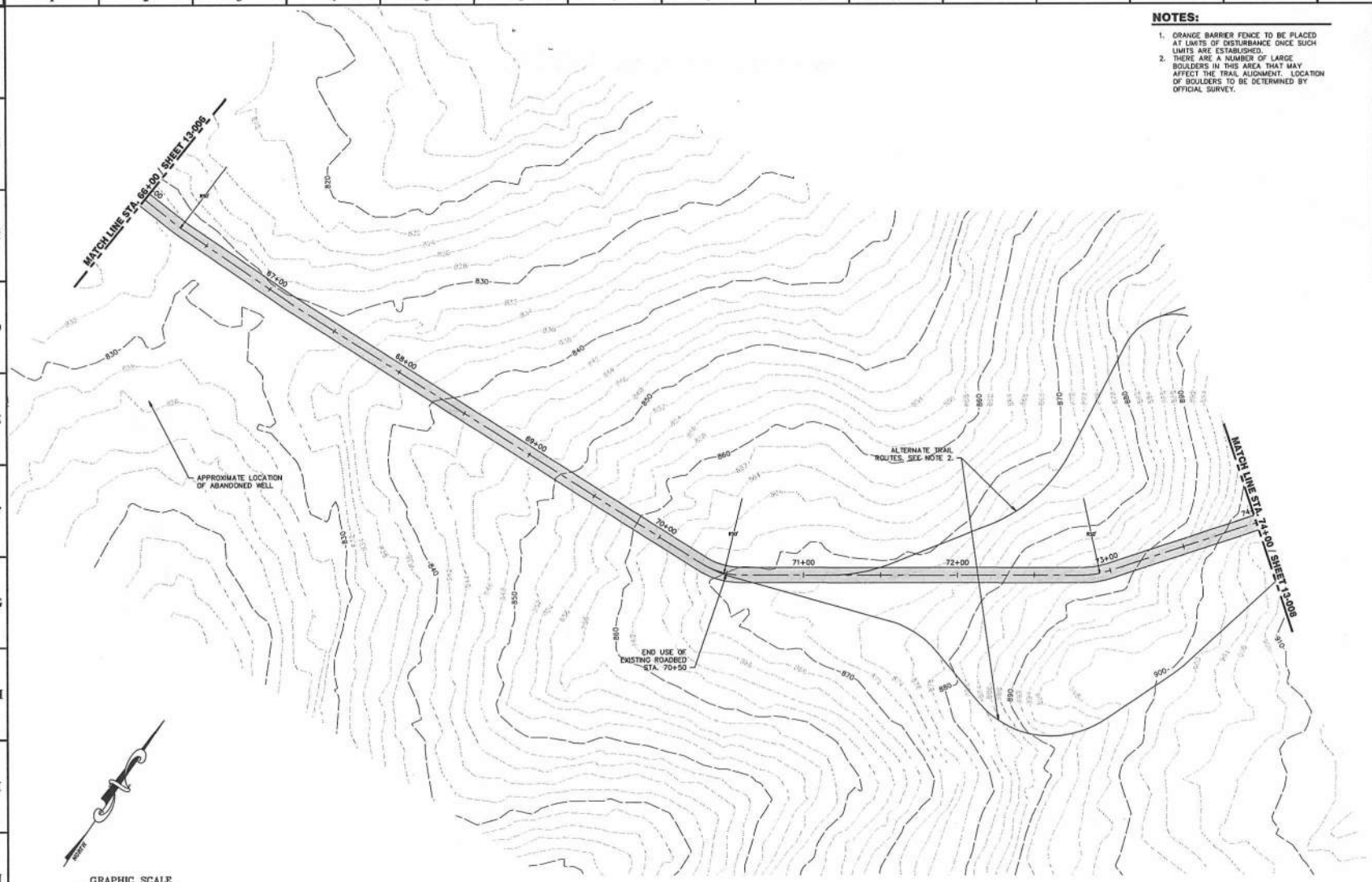
DRAWING DATE	DRAWING SCALE	PROJECT NUMBER	DRAWING NUMBER
02/15/16	1'=30'	2038-0001	13-006

NOT ISSUED FOR CONSTRUCTION

R:\2038-0001 Coweta-Chattahoochee Hill Trail\3 ENGINEERING\Drawings\13-006 CONSTRUCTION PLAN 2038-0001.dwg Fri, 02/26/16 10:58 AM

NOTES:

1. ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.
2. THERE ARE A NUMBER OF LARGE BOULDERS IN THIS AREA THAT MAY AFFECT THE TRAIL ALIGNMENT. LOCATION OF BOULDERS TO BE DETERMINED BY OFFICIAL SURVEY.



GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

GEORGIA811
Utilities Protection Center, Inc.
Know what's below. Call before you dig.

1 / 13-007 CONSTRUCTION PLAN (STA. 66+00 - STA. 74+00)
SCALE: 1"=30'

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	14	XX

PRIME ENGINEERING INCORPORATED
675 NORTHSIDE PARKWAY NW
800 NORTH CHERKEE, SUITE 300
ATLANTA, GEORGIA 30327
404-425-7310

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

No.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

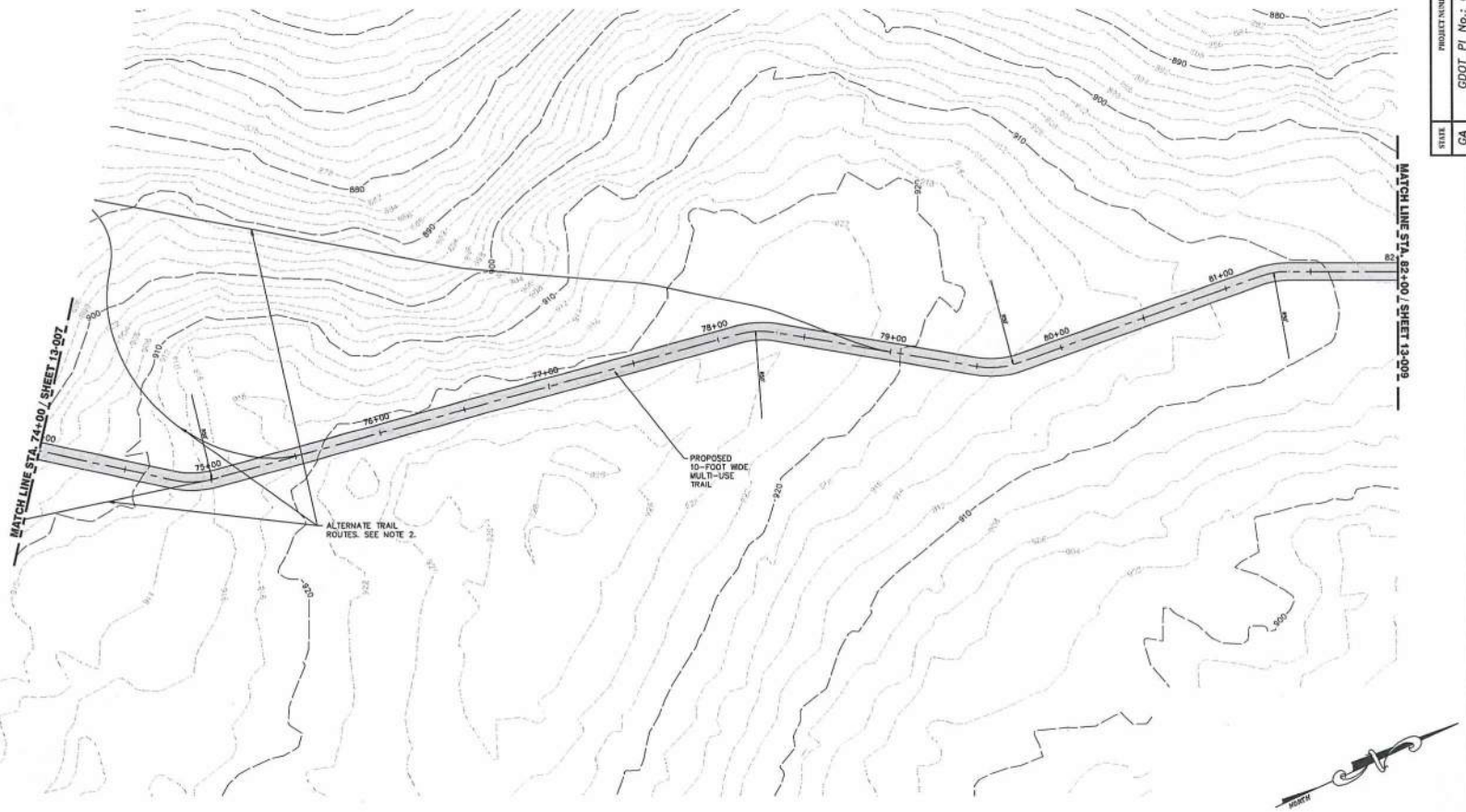
CONSTRUCTION PLAN (STA. 66+00 - STA. 74+00)

DRAWING DATE 02/15/16	DRAWN BY EAS
DRAWING SCALE 1"=30'	DESIGNED BY RRM
PROJECT NUMBER 2038-0001	CHECKED BY RRM
DRAWING NUMBER 13-007	NOT FOR CONSTRUCTION

e:\2038-0001 Coweta-Chattahoochee Hill Trail\3 ENGINEERING\Drawings\13-007 CONSTRUCTION PLAN 2038-0001.dwg Fri, 02/26/16 10:59 AM

NOTES:

1. ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.
2. THERE ARE A NUMBER OF LARGE BOULDERS IN THIS AREA THAT MAY AFFECT THE TRAIL ALIGNMENT. LOCATION OF BOULDERS TO BE DETERMINED BY OFFICIAL SURVEY.



1 / 13-008 **CONSTRUCTION PLAN (STA. 74+00 - STA. 82+00)**
SCALE: 1"=30'

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

GEORGIA811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	15	XX

PRIME ENGINEERING INCORPORATED
715 NORTHSIDE PARKWAY NW
200 NORTHCREEK, SUITE 200
ATLANTA, GEORGIA 30327
404-425-7100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

CONSTRUCTION PLAN (STA. 74+00 - STA. 82+00)

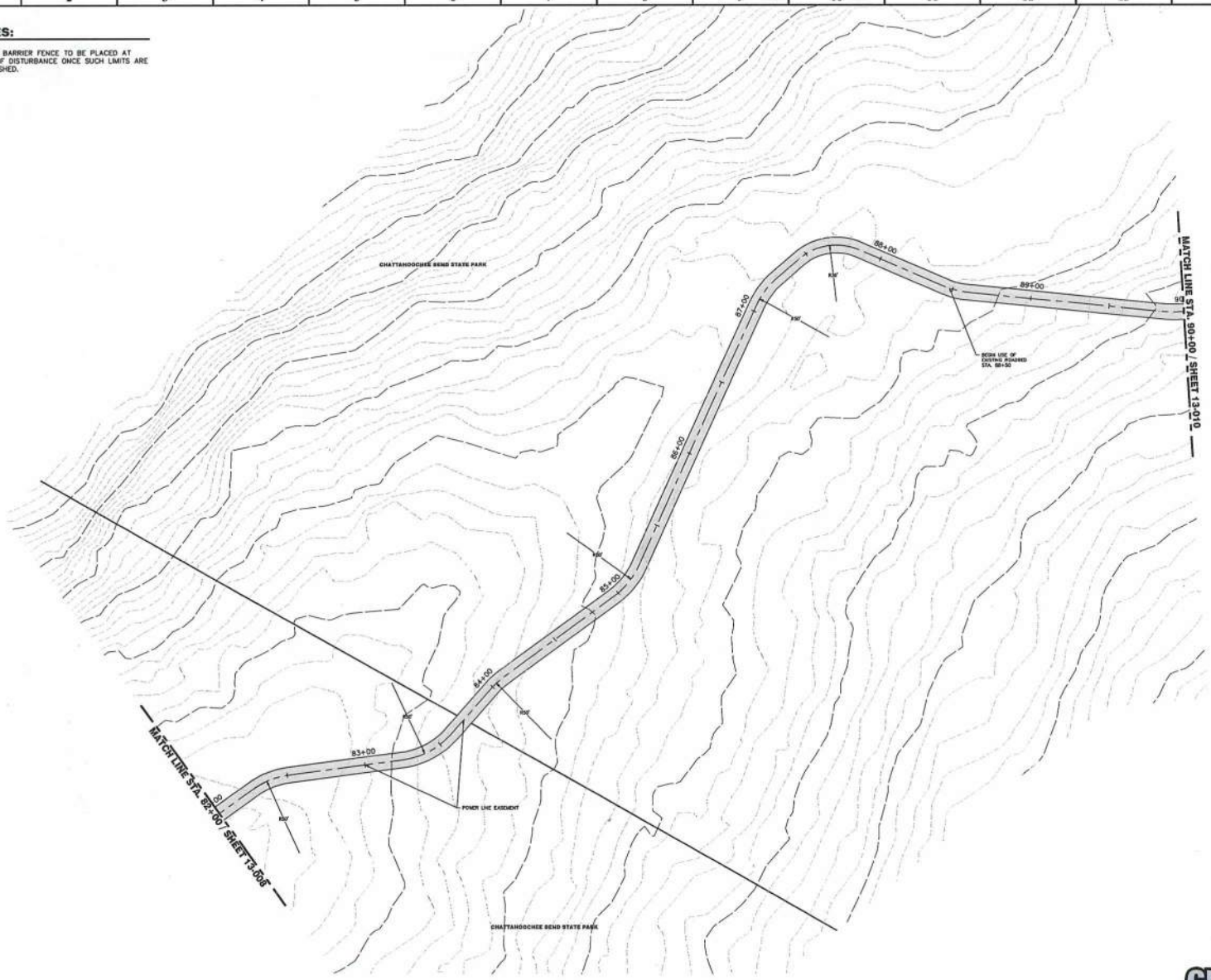
DRAWING DATE	02/15/16
DRAWN BY	EAS
DRAWING SCALE	1"=30'
DESIGNED BY	HRM
PROJECT NUMBER	2038-0001
CHECKED BY	HRM
DRAWING NUMBER	13-008

NOT ISSUED FOR CONSTRUCTION

E:\2038-0001 Coweta-Chattahoochee Hill Trail\3 ENGINEERING\Drawings\13-008 CONSTRUCTION PLAN 2038-0001.dwg Fri, 02/26/16 10:59 AM

NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.



1 / 13-009 **CONSTRUCTION PLAN (STA. 82+00 - STA. 90+00)**
SCALE: 1"=30'

GEORGIA811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	16	XX

PRIME ENGINEERING INCORPORATED
375 NORTHSIDE PARKWAY NW
300 NORTHCREEK, SUITE 300
ATLANTA, GEORGIA 30327
404-425-2100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

NO	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

CONSTRUCTION PLAN (STA. 82+00 - STA. 90+00)

DRAWING DATE	DRAWN BY	DESIGNED BY	CHECKED BY
02/15/16	EAS	BRM	BRM

DRAWING SCALE	PROJECT NUMBER	DRAWING NUMBER
1"=30'	2038-0001	13-009

NOT ISSUED FOR CONSTRUCTION

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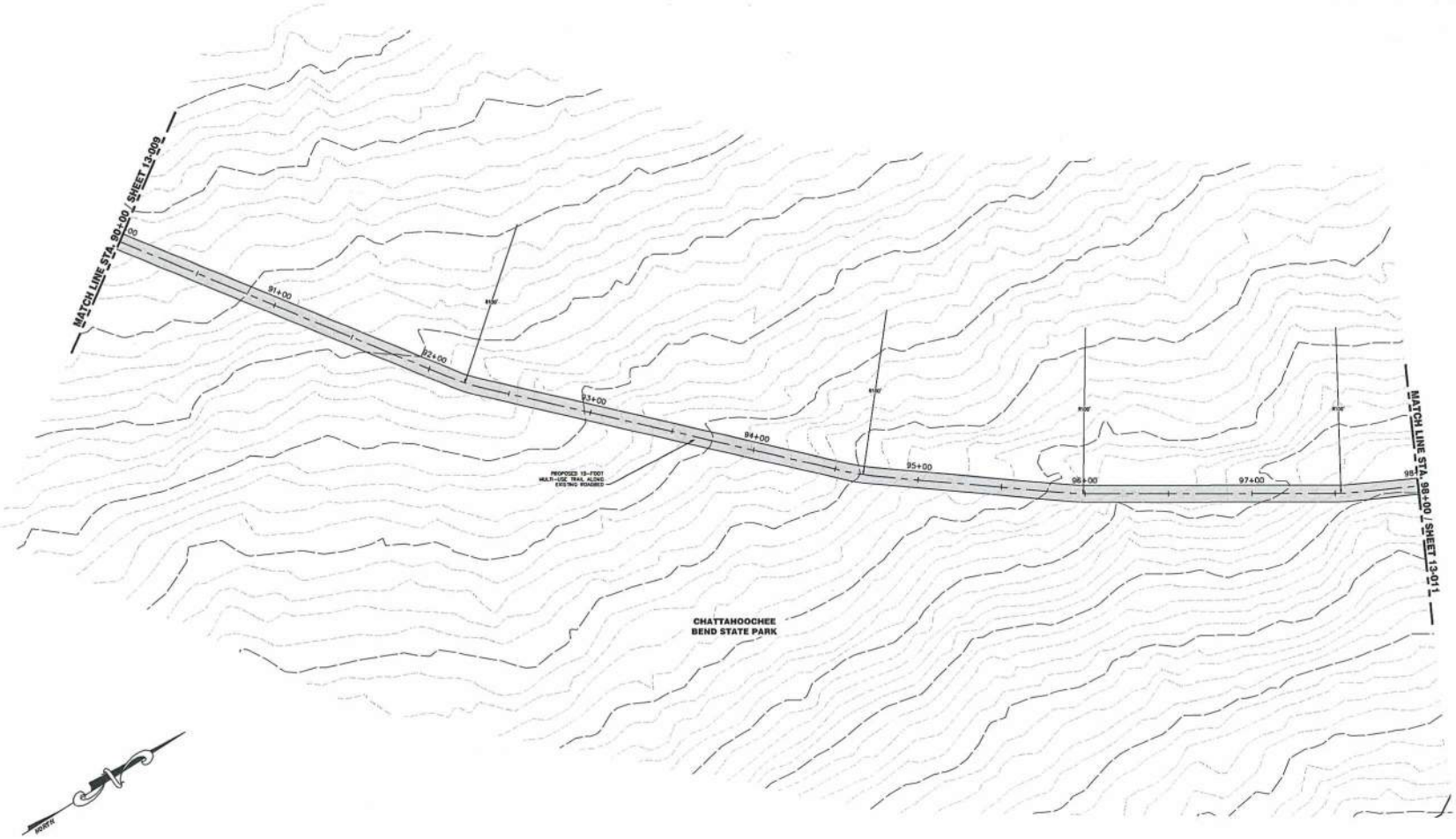
NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.



GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

GEORGIA 811
Utilities Protection Center, Inc.
Know what's below. Call before you dig.

1 / 13-010 **CONSTRUCTION PLAN (STA. 90+00 - STA. 98+00)**
SCALE: 1"=30'

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	17	XX

PRIME ENGINEERING INCORPORATED
975 NORTHSIDE PARKWAY NW
SUNNORTHSIDE, SUITE 100
ATLANTA, GEORGIA 30327
404-425-7100

PROJECT:
CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR:
COWETA COUNTY, GA

REVISIONS

NO.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE
CONSTRUCTION PLAN (STA. 90+00 - STA. 98+00)

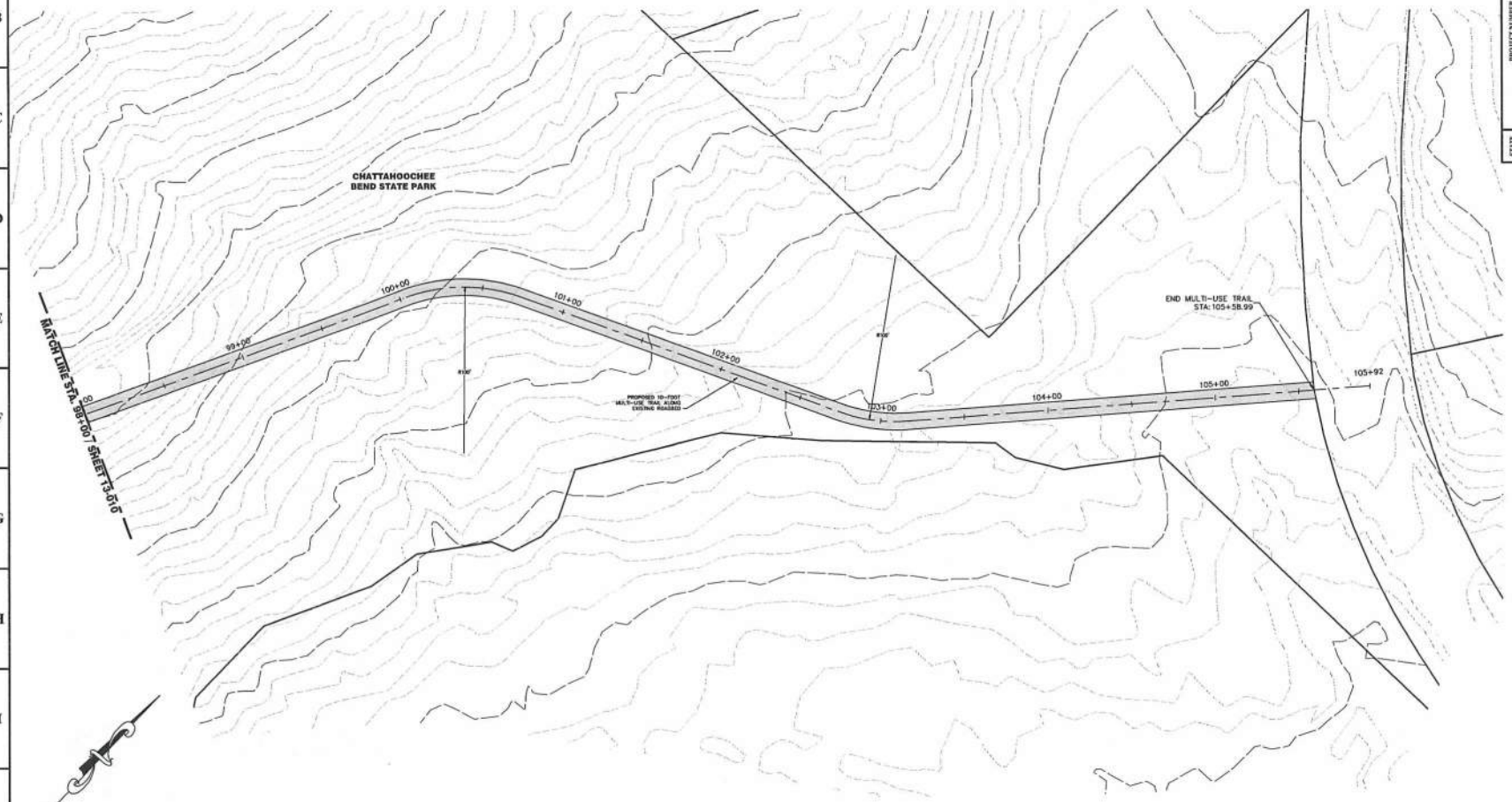
DRAWING DATE	02/25/16
DRAWN BY	EAS
DRAWING SCALE	1"=30'
DESIGNED BY	RRM
PROJECT NUMBER	3038-0001
CHECKED BY	RRM
DRAWING NUMBER	13-010

SAT ISSUED FOR CONSTRUCTION

R:\3038-0001 Coweta-Chattahoochee Hill Trail\3 ENGINEERING\Drawings\13-010 CONSTRUCTION PLAN 3038-0001.dwg Fri, 02/26/16 11:01 AM

NOTES:

ORANGE BARRIER FENCE TO BE PLACED AT LIMITS OF DISTURBANCE ONCE SUCH LIMITS ARE ESTABLISHED.



GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.

GEORGIA811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

1 / 13-011 **CONSTRUCTION PLAN (STA. 98+00 - END)**
SCALE: 1"=30'

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	GDOT PI No.: 0009294	18	XX

PRIME ENGINEERING INCORPORATED
375 NORTHRIDGE PARKWAY NW
SUNNORTHRIDGE, SUITE 200
ATLANTA, GEORGIA 30327
404-425-2100

PROJECT: CHC REGIONAL GREENWAY TRAIL: COWETA PILOT

PREPARED FOR: COWETA COUNTY, GA

REVISIONS

No.	DATE	DESCRIPTION

SEAL

DATE:

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DRAWING TITLE

CONSTRUCTION PLAN (STA. 98+00 - END)

DRAWING DATE 02/15/16	DRAWN BY EAS	
DRAWING SCALE 1"=30	DESIGNED BY HRM	
PROJECT NUMBER 2038-0001	CHECKED BY HRM	
DRAWING NUMBER 13-011	NOT ISSUED FOR CONSTRUCTION	

R:\2038-0001 Coweta-Chattahoochee HB Trail\3 ENGINEERING\Drawings\13-011 CONSTRUCTION PLAN 2038-0001.dwg Fri, 02/26/16 11:01 AM

COST ESTIMATE

PRIME ENGINEERING INCORPORATED

Chattahoochee Bend State Park
P.I. Number 0009294 - Chattahoochee Hill Country Regional Greenway Trail System: Coweta County Pilot Segment
STATEMENT OF PROBABLE CONSTRUCTION COSTS- 06/03/2016

	Item	Drawing 13-01	Drawing 13-02	Drawing 13-03	Drawing 13-04	Drawing 13-05	Drawing 13-06	Drawing 13-07	Drawing 13-08	Drawing 13-09	Drawing 13-10	Drawing 13-11	Quantity (Sum Dwgs. 1-11)	Unit	Unit Price	Subtotal	Category Total
Traffic/Erosion Control																	
163-0240	MULCH	0.49	0.49	0.49	0.49	0.39	0.39	0.39	0.39	0.39	0.39	0.37	5	AC	$600.00	$2,802.00	
163-0300	CONSTRUCTION EXIT	1										1	2	EA	$3,750.00	$7,500.00	
163-0527	CONSTRUCT AND REMOVE RIP RAP CHECK DAMS,	6	3	6	6	6				3	6	9	45	EA	$220.00	$9,900.00	
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1000	1000	1000	1000	800	800	800	800	800	800	760	9,560	LF	$0.70	$6,692.00	
165-0041	MAINTENANCE OF CHECK DAMS - ALL TYPES												0	LF	$2.75	$0.00	
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	1										1	2	EA	$475.00	$950.00	
167-1000	WATER QUALITY MONITORING AND SAMPLING	4											4	EA	$525.00	$2,100.00	
167-1500	WATER QUALITY INSPECTIONS	6											6	MO	$1,360.00	$8,160.00	
171-0030	TEMPORARY SILT FENCE, TYPE C	1000	1000	1000	1000	800	800	800	800	800	800	760	9,560	LF	$4.00	$38,240.00	
	Subtotal Traffic/Erosion Control																**$108,019.00**
Crg/Grbbg/Excav/Bfill																	
201-1500	CLEARING & GRUBBING -	1.15	1.15	1.15	1.15	0.92	0.92	0.92	0.92	0.92	0.92	0.87	11	AC	$4,500.00	$49,455.00	
210-0100	GRADING COMPLETE -												1	LS	$80,000.00	$80,000.00	
	Subtotal Crg/Grbbg/Excav/Bfill																**$129,455.00**
SubBase																	
310-5060	GR AGGR BASE CRS, 6 INCH, INCL MATL	445	445	445	445	356	356	356	356	356	356	338	4,254	SY	$11.00	$46,794.00	
	Subtotal SubBase																**$46,794.00**
Paving																	
402-3113	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	62.5	62.5	62.5	62.5	50.00	50.00	50.00	50.00	50.00	50.00	47.50	596	TON	$66.00	$39,435.00	
402-3814	RECYCLED ASPH CONC 4.75 MM MIX, GP 1 OR 2, INCL	125	125	125	125	100	100	100	100	100	100	95	1,195	TON	$72.00	$86,040.00	
413-1000	BITUM TACK COAT												1,062	GAL	$4.75	$5,044.50	
	Subtotal Paving																**$130,519.50**
	Subtotal Concrete/Bridges																**$0.00**
Storm Sewer																	
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	64	32	32	32	32				16	32	48	288	LF	$32.00	$9,216.00	
550-3318	SAFETY END SECTION 18 IN, STORM DRAIN, 4:1 SLOPE	8	4	4	4	4				2	4	6	36	EA	$550.00	$19,800.00	
603-1012	STN PLAIN RIP RAP, 12 IN	24	12	12	12	12				6	12	18	72	SY	$33.00	$2,376.00	
	Subtotal Storm Sewer																**$31,392.00**
Electrical/Signals/Markings/Signage																	
652-5451	SOLID TRAFFIC STRIPE, 5 IN, WHITE	1000	1000	1000	1000	800	800	800	800	800	800	760	9,560	LF	$0.33	$3,154.80	
R1-1	"STOP" SIGN WITH POST	2											2	EA	$350.00	$700.00	
	Subtotal Electrical/Signals/Markings																**$3,854.80**
Landscaping																	
700-6910	PERMANENT GRASSING												0.0	AC	$2,615.00	$0.00	
	LANDSCAPE ALLOWANCE												0	LS	$0.00	$0.00	
	Subtotal Landscaping																**$0.00**
Miscellaneous																	
900-0526	BOLLARDS (REMOVABLE)	6										3	9	EA	$550.00	$4,950.00	
	Subtotal Misc																**$4,950.00**
General Conditions	**SUBTOTAL**																**$568,224.30**

GROSS TOTAL	$568,224.30
10% E&I (Engineering and Inspection)	$0.00
SUBTOTAL	$568,224.30
20% CONTINGENCY	$113,644.86
Reimbursable Utilities	$0.00
Right-of-Way	$0.00
STATEMENT OF PROBABLE CONSTRUCTION COST	**$681,869.16**

Georgia Department of Transportation

SUBJECT: Chattahoochee Hills Regional Greenway Trail

MEETING DATE: 10/21/15

LOCATION: 22 E Broad St., Newnan, GA 30263

MEETING ATTENDEES:

Name	Organization	Phone No.	Email Address
Justin A. Banks	GDOT – Office of Program Delivery	404-631-1153	jubanks@dot.ga.gov
Robert Tolleson	Coweta Co	770-254-2635	rtolleson@coweta.ga.us
Rob MacPherson	Prime Engineering	404-425-7100	rmacpherson@prime-eng.com
Steve Cronan	DNR	706-996-7133	steve.cronan@dnr.state.ga.us
Tod Handley	Coweta Co	770-254-3775	thandley@coweta.ga.us
Tavores Edwards	Coweta Co	770-683-2300	tedwards@coweta.ga.us
Erin Kenner	Chattahoochee Bend State Park	770-254-7271	erin.kenner@dnr.state.ga.us
Eric Nicoletti	GT Hill Planners	770-900-7618	enicoletti@gthillplanners.com
Sandra Parker	Coweta Co	770-254-2635	sparker@coweta.ga.us

MEETING SUMMARY

Justin Banks, GDOT Project Manager began the meeting with introductions.

SCHEDULES

The original schedule needs to be shifted due to delays with the MOA and MOU with GDOT and DNR

Upcoming dates:

- Concept Meeting – March 2016
- Concept submittal – April 2016
- PIOH – August 2016

Milestone dates:

- PFPR – February 2017
- FFPR – January 2018
- Let Date – July 2018

SURVEY

- The survey is being completed by Coweta Co. The survey is scheduled to begin in March, but can begin sooner when the path location is decided upon.

DESIGN

Rod MacPherson went over the Project Management Plan

- An alternate has been created for ADA compliance
- The trail will be 1.7 miles
- No creeks have been located
- GA Power has easement that will be needed
- No lights
- Path is proposed to be 10' wide with 2' shoulders
- Avoiding environmental impacts
- The entire path will be in the State Park

ENVIRONMENTAL

A previous environmental study has been done for the area (DNR will provide to GT Hill)
A site visit is planned in December 2015

- History –
- Ecology –
- Archaeology –
- Air/Noise –

UTLITIES

- Local Coordination
- No conflicts as of now. May have issues at the end of trail (plan to avoid)

Other Items

- The next meeting will be a teleconference on **1/20/16** from 9:30 to 10:30

ACTION ITEMS

- DNR will provide Env Doc to GT Hill
- The park will be cutting timber in early December 2015 and hunting; need dates to determine when trail walk will be completed

Georgia Department of Transportation

SUBJECT: Chattahoochee Hills Regional Greenway Trail

MEETING DATE: 1/20/16

LOCATION: Teleconference

MEETING ATTENDEES:

Name	Organization	Phone No.	Email Address
Justin A. Banks	GDOT – Office of Program Delivery	404-631-1153	jubanks@dot.ga.gov
Sandra Parker	Coweta Co. – Comprehensive & Strategic Planner	770-254-2635	sparker@coweta.ga.us
Robert Tolleson	Coweta Co. - Planning & Development Director	770-254-2635	rtolleson@coweta.ga.us
Tod Handley	Coweta Co. – Transportation & Engineering Director	770-254-3775	thandley@coweta.ga.us
Tavores Edwards	Coweta County Transportation Manager	770-254-3775	tedwards@coweta.ga.us
Rob MacPherson	Prime Engineering	404-425-7124	rmacpherson@prime-eng.com
Erin Kenner			erin.kenner@dnr.state.ga.us
Elizabeth Stenberg	Prime Engineering		
Erin Murphy	GTHill		emurphy@gthillplanners.com
Steve Cronan			steve.cronan@dnr.state.ga.us

DRAFT

MEETING SUMMARY

Justin Banks, GDOT Project Manager began the meeting with introductions.

SCHEDULES

- Concept report – submitted to GDOT PM Mid Feb; no current risks
- Concept meeting will be scheduled Mid-March; no current risks
- PIOH – August 2016; no current risks

SURVEY

- Will begin 1/25/16; expect to complete by 2/29/16

DESIGN

- Currently working on path location
- GPS accuracy could affect alignment
- Looking to miss rock out cropping's

ENVIRONMENTAL

- Ecologist walked route
- Screening is complete for concept report
- Will need final alignment to begin special studies

UTLITIES

- Planning for minimal conflicts
- GA Power will be only conflict

Other Items

- PFA on Coweta Co agenda

ACTION ITEMS

DRAFT

MEETING SIGN-IN SHEET

Project: 0004294	**Meeting Date:** 3/28/16
Facilitator: Justin Banks	**Place/Room:** G.O. / 409

Name	Company	Phone	E-Mail
Justin Banks	GDOT/OPD	404-631-1153	jubanks@dot.ga.gov
Erik Rohde	GDOT/Engineering Services	404 631 1611	erohde@dot.ga.gov
FELICITY DAVIS	GDOT/ SMO, LANDSCAPE ARCHITECTURE UNIT	404 631 1399	fdavis@dot.ga.gov
Steve Cronan	DNR	706 969 8133	steve.Cronan@dnr.ga.gov
Byron Rushing	ARC	4/463-3345	brushing@atlantaregional.com
Quinton L. Spann	Planning	4-631-1646	
TOD HANDLEY	COWETA COUNTY TRANSPORTATION & ENGINEERING	(770) 254-3775	thandley@coweta.ga.us
Sandra Parker	Coweta County Planning	770-254-2635	sparker@coweta.ga.us
Robert Tolleson	Coweta Planning	(7) 254-2635	rtolleson@Coweta.ga.us

MEETING SIGN-IN SHEET

Project: 0004294	**Meeting Date:** 3/28/16
Facilitator: Justin Banks	**Place/Room:** G.O. / 409

Name	Company	Phone	E-Mail
Justin Banks	GDOT/OPD	404-631-1153	jubanks@dot.ga.gov
Rob MacPherson	Prime Engineering	404-425-7100	rmacpherson@prime-eng.com
Ryan Perry	GDOT/CES	4/631-1271	VPerry@dot.ga.gov
JACK REED			
SCOTT PARKER			
DANNY MILLER			
KEENAN FORD			
KOFI WAKHISI	ARC	(4)463 3173	KWAKHISI@ATLANTAREGIONAL.com

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June 3, 2016

Justin Banks
Project Manager
Georgia Department of Transportation
600W. Peachtree St., 25th Floor
Atlanta, GA 30308

Re: Concept Report Comments
Chattahoochee Hill Country Regional Greenway Trail System: Coweta County Pilot Segment
PI 009294

Mr. Banks:

Please find along with this letter the revised Concept Report for the Chattahoochee Hill Country Regional Greenway Trail System: Coweta County Pilot Segment, PI. 009294. This letter summarizes our responses to the review comments received on 05/31/2016.

Eric Duff, the State Environmental Administrator

1. "Under Environmental Permits, Variances, etc…delete "None" and leave it as "To be verified upon Environmental Survey completion."
   Response: "None" deleted, verbiage left as indicated.

2. Last paragraph….please ensure that "Prime Engineering, with the assistance of Chattahoochee Bend State Park staff, will conduct environmental field surveys of the project for all environmental disciplines and prepare…..
   Response: Sentence edited to read as stated above.

Dan Pass, the Assistant Design Policy Engineer

1. "Project justification statement:

   ADA compliance is mentioned here and in a summary of a 21 Oct 2015 meeting. The project appears to be a "Recreational Trail" at a state park. And considering the terrain, how will the trail be made "ADA" compliant? A shared-use path accommodates a variety of user groups and has both transportation and recreational functions, as compared to recreational trails which are primarily for recreational purposes. Considering these definitions, is this project a shared-use path or a recreational trail?
   Response: This project is a "trail," but is designed according to shared use path guidelines to meet ADA requirements tied to project funding. Project justification statement updated to clarify.

3715 Northside Parkway, NW
Building 300, Suite 200 ▪ Atlanta, GA 30327
main: 404-425-7100 ▪ fax: 404-425-7101 ▪ www.prime-eng.com

2. *Mainline Design Features:*

   As a recreational trail, what design guidelines will be followed? The US Access Board standards for "Outdoor Developed Areas" – ABA Accessibility Standards "*apply to national parks and other outdoor areas developed by the federal government.*" Is it the intent of this project to follow these requirements? A shared-use path would be designed using the AASHTO Guide for the Development of Bike Facilities"

   Under mainline design features, where were dimensions in the column "Standard*" taken from. The DPM does not included guidance for recreational trails."
   Response: The project will be designed according to AASHTO Guide for the Development of Bike Facilities. A statement was added under the mainline design features table that all dimensions were taken from the AASHTO Guide.

<u>Kim Phillips in the Conceptual Design Group in Design Policy & Support</u>

1. Please add the ARC project identification number with the MPO data section.
   Response: ARC project identification number added.

2. The PJS may want to elaborate more on the specific description of the project. The ARC FY 2016-2021 TIP has the following:
   CHATTAHOOCHEE HILL COUNTRY REGIONAL GREENWAY TRAIL SYSTEM: COWETA COUNTY PILOT SEGMENT

   Last Mile Connectivity / Side-paths and Trails
   Response: Above text added to the PJS.

3. It would be helpful to include why the project is exempt from the air quality analysis. From the ARC FY 2016-2021 TIP: 40 CFR 93 is cited.
   Response: 40 CFR 93 cited under air quality exemption.

4. The ROW shows anticipating impacts to 1 parcel, but shows the ROW and Easement to be needed as none. An explanation may be recommended about the State Park land use.
   Response: The impacted parcels for the project are owned by Chattahoochee Bend State Park and Coweta County. Explanation added to ROW and Easement to clarify.

5. Please include the construction cost estimate.
   Response: Cost estimate included

6. It is recommended to give include a concise explanation of how the decision to choose the preferred alternate was made and may even include why some other options were ruled out. Was the preferred alternate chosen due to following the existing terrain with

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the least impacts to right of way and environmental resources or was there some other reason?

Response: The proposed alternate was chosen for ADA compliance and avoidance of specimen trees, boulders, and flat rock. These restrictions were tied to funding and environmental impact. Verbiage added to alternates discussion to clarify.

Sincerely,

Robert R MacPherson

Rob MacPherson, P.E.
Vice President
Prime Engineering, Inc.

cc: file (2038-0001)

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