



**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA  
REVISED PROJECT CONCEPT REPORT**

Project Type: <u>Enhancement</u>	P.I. Number: <u>0010009</u>
GDOT District: <u>7</u>	County: <u>Cobb</u>
Federal Route Number: <u>N/A</u>	State Route Number: <u>N/A</u>
Project Number: <u>N/A</u>	

The proposed revisions to the approved concept consist of separating the project into two segments (Segment A and Segment B).

**Submitted for approval:**

<u>Kimley-Horn and Associates, Inc. – Consultant Designer</u>	<u>6-3-2013</u>
<u>Herett Rice-Lift</u>	<u>DATE</u>
<u>State Program Delivery Engineer</u>	<u>6/5/2013</u>
	<u>DATE</u>
<u>Jeremy Busby</u>	<u>6/4/2013</u>
<u>GDOT Project Manager</u>	<u>DATE</u>

**Recommendation for approval:**

<u>GLENN BOWMAN *TJ</u>	<u>6/12/2013</u>
<u>State Environmental Administrator (recommendation required)</u>	<u>DATE</u>
<u>BEN RABUN *TJ</u>	<u>6/19/2013</u>
<u>State Bridge Design Engineer (if applicable – required for projects with bridges)</u>	<u>DATE</u>

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

<u>Cynthia L. Vande</u>	<u>6-17-13</u>
<u>State Transportation Planning Administrator (recommendation required)</u>	<u>DATE</u>

*\* RECOMMENDATION ON FILE*

## PLANNING, APPROVED CONCEPT, & BACKGROUND DATA

**Project Justification Statement:** The Cumberland Community Improvement District and the Cobb County Department of Transportation have identified the need to expand the existing network of trails in the Cumberland Galleria area northwest of Atlanta, Georgia. The Bob Callan Trunk Trail, Phase II, Segments A & B will serve to improve pedestrian access and allow connectivity for alternative modes of transportation by providing approximately 2.1 miles of trail that will extend between the existing Bob Callan trailhead on Interstate North Parkway (located just north of I-285 and the intersection with Cumberland Boulevard) and Terrell Mill Road. The projects will provide connectivity for pedestrians and cyclists from the Terrell Mill Road/Powers Ferry Road area to the Cumberland Galleria area. The resulting network would also provide connectivity for pedestrians and cyclists to other nearby trails, such as the Kennesaw Mountain to Chattahoochee River Trail and the Silver Comet Trail, the Akers Mill Road East Trail, and the Palisades unit of the Chattahoochee River National Recreation Area (CRNRA).

**Description of the approved concept:** The approved concept for P.I. 0010009 consists of the construction of approximately 11,100 linear feet (2.1 miles) of 10-foot wide multiuse path that generally follows the west side of Rottenwood Creek. The project begins at the existing Bob Callan trailhead just north of I-285 and continues along Rottenwood Creek to Terrell Mill Road. The trail will cross under roads such as Windy Ridge Parkway and Windy Hill Road without having to interact with vehicular traffic. A timber boardwalk will be constructed for portions of the trail along Rottenwood Creek, particularly in those areas where the trail is within the existing floodplain. Pervious concrete will be used for other areas along the creek that are within the existing 25-foot state stream buffer. A total of nine bridges are proposed for crossings over minor tributaries of Rottenwood Creek. The trail will include provisions for future connections to existing residential developments along the length of the project, and a new trailhead will be constructed at Terrell Mill Road.

**PDP Classification:**  Major  Minor

**Federal Oversight:**  Full Oversight  Exempt  State Funded  Other

**Projected Traffic as shown in the approved Concept Report:** N/A

**Updated Traffic:** N/A

**Functional Classification (Mainline):** N/A (Multi-use path)

**VE Study anticipated:**  No  Yes  Completed – Date:

**PROPOSED REVISIONS**

<p><b>Approved Features:</b></p> <p><b>Project Limits:</b>                  The project limits of the approved concept begin at the existing Bob Callan trailhead on Interstate North Parkway just north of I-285 and continues along Rottenwood Creek to Terrell Mill Road. The approved project length is 2.1 miles.</p> <p><b>Typical Section (Boardwalk):</b>                  One 12-foot wide multi-use path on timber structure</p>	<p><b>Proposed Features:</b></p> <p><b>Project Limits:</b>                  The project is proposed to be separated into two segments as follows:</p> <p><b>Segment A (proposed PI 0010009)</b> begins at the existing Bob Callan trailhead on Interstate North Parkway just north of I-285 and continues approximately 0.9 miles north along Rottenwood Creek. Segment A will end at the Interstate North Parkway crossing of Rottenwood Creek, near an existing passive park which is part of the Interstate North office park development.</p> <p><b>Segment B (proposed PI TBD)</b> begins at the Interstate North Parkway crossing of Rottenwood Creek and continues approximately 1.2 miles north along the creek to just south of Terrell Mill Road.</p> <p><b>Typical Section (Boardwalk):</b>                  One 12-foot wide multi-use path on structure with concrete foundation, steel beams, concrete deck and timber railings.</p>
<p><b>Reason(s) for change:</b>                  The approved project termini are to be revised due to the separation of the approved concept into two segments with separate P.I. numbers.</p> <p>Current programed funds for the project are \$3.42 million in the form of a Public Lands Highways Discretionary (PLHD) grant from the Federal Highway Administration (FHWA). The project cost estimates right-of-way and construction are approximately \$3.4 million for Segment A and \$4.7 million for Segment B. The current available funds will be programmed for right-of-way and construction of Segment A. Funding for Segment B will be identified and programmed in the future.</p> <p>The boardwalk typical section is to be revised based on maintenance requirements of the local maintaining agency (Cobb County Department of Transportation)</p>	

**ENVIRONMENTAL**

**Project Air Quality:**

- |   |  |   |
|---|--|---|
| Is the project located in a PM 2.5 Non-attainment area? | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> Yes |
| Is the project located in an Ozone Non-attainment area? | <input type="checkbox"/> No            | <input checked="" type="checkbox"/> Yes |
| Is a Carbon Monoxide hotspot analysis required?         | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes            |

The project will improve bicycle and pedestrian accessibility and will not affect vehicle capacity. The project is not required to be included in the regional air quality conformity model.

**Potential environmental impacts of proposed revision:** None anticipated

**Have proposed revisions been reviewed by environmental staff?**  No  Yes

**Environmental responsibilities (Studies/Documents/Permits):**

A reevaluation of the approved Programmatic Categorical Exclusion will be prepared by Kimley-Horn and Associates on behalf of the Cumberland CID.

**Environmental impacts by section:**

**NEPA:** A reevaluation of the approved Programmatic Categorical Exclusion will be required to describe separating the project into two segments.

**Ecology:** No changes to effects to ecological resources is anticipated.

**Archeology:** No changes to effects to archaeological resources is anticipated.

**History:** No changes to effects to historic resources is anticipated.

**Air & Noise:** The project will improve bicycle and pedestrian accessibility and does not affect vehicular capacity. The project is not required to be included in the regional air quality model.

**Public Involvement:** No additional public involvement is anticipated

**PROJECT COST & ADDITIONAL INFORMATION**

	Updated Cost Estimate		Date of Estimate
	Segment A (0010009)	Segment B (PI TBD)	
Base Construction Cost:	\$2,167,180	\$3,388,820	5/17/2013
Engineering and Inspection:	\$108,360	\$169,440	
Liquid AC Adjustment:	N/A	N/A	
<b>Total Construction Cost:</b>	<b>\$2,275,540</b>	<b>\$3,558,260</b>	
Right-of-Way:	\$1,180,000	\$1,190,000	5/17/2013
Utilities (reimbursable costs):	N/A	N/A	
Environmental Mitigation:	N/A	N/A	
<b>TOTAL PROJECT COST:</b>	<b>\$3,455,540</b>	<b>\$4,748,260</b>	

**Recommendation:** Recommend that the proposed revision to the concept be approved for implementation.

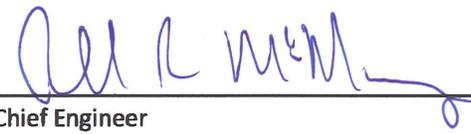
**Comments:** None

**Attachments:**

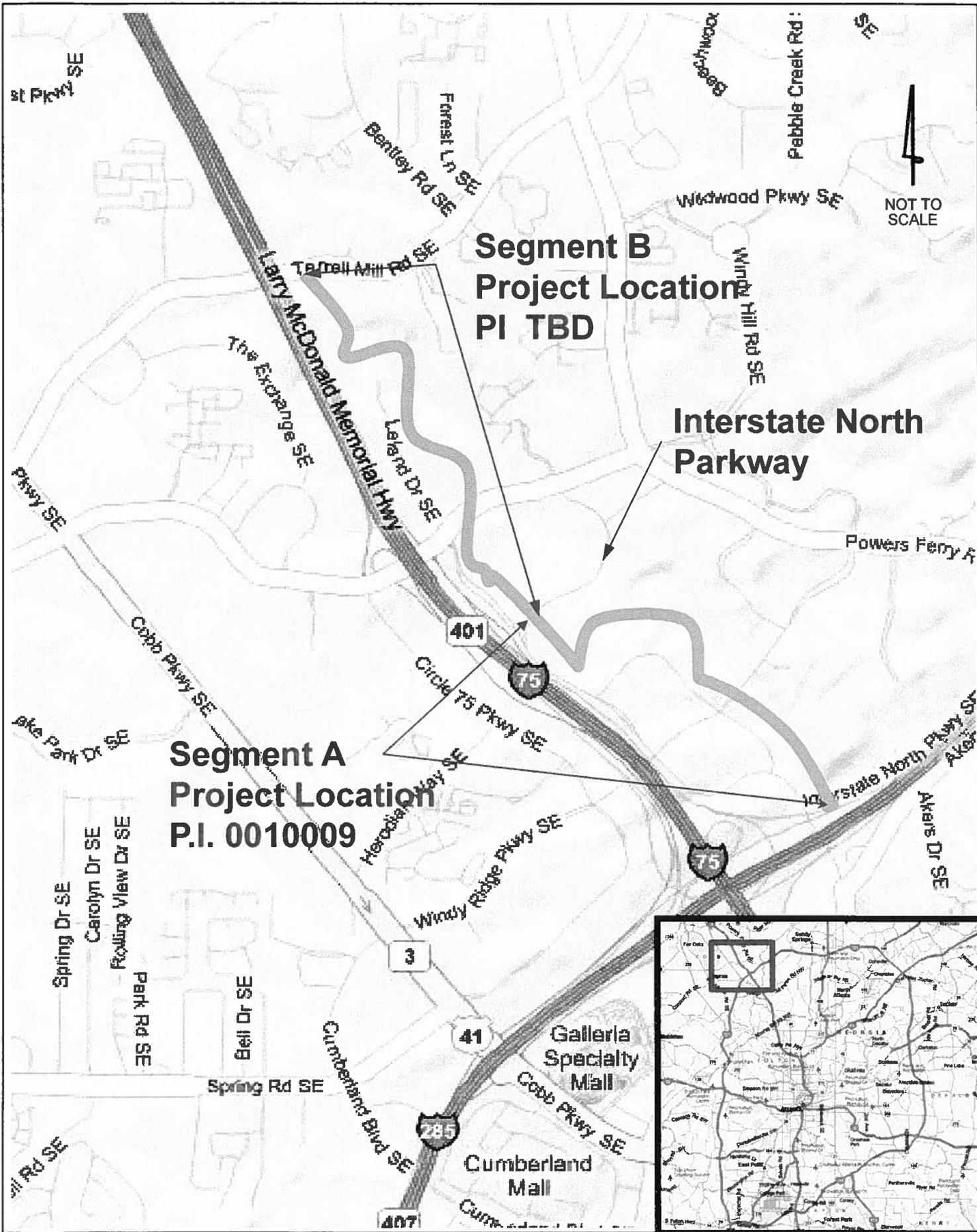
1. Location Map
2. Typical Sections
3. Concept Layout – Segment A
4. Concept Layout – Segment B
5. Cost Estimate- Construction (Segments A and B)
6. Cost Estimate – Right-of-Way (Segments A and B)

**APPROVALS**

Concur:  6/26/13  
Director of Engineering

Approve:   
Chief Engineer

7/1/13  
Date



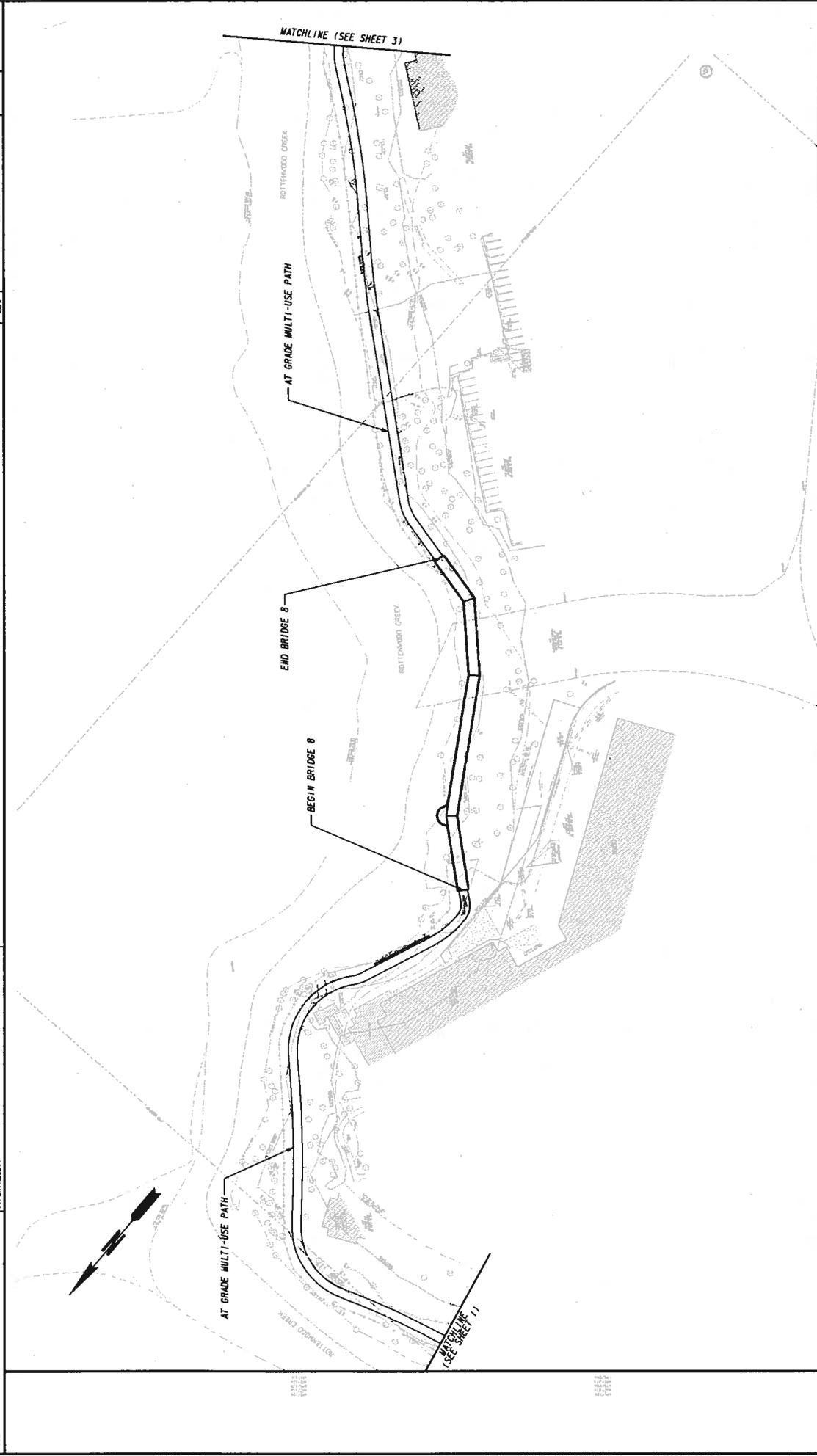
Kimley-Horn  
and Associates, Inc.

**Bob Callan Trunk Trail Phase II**  
**Segment A & B**  
**PI 0010009 & TBD**  
**Cobb County**

**Project  
Location Map**



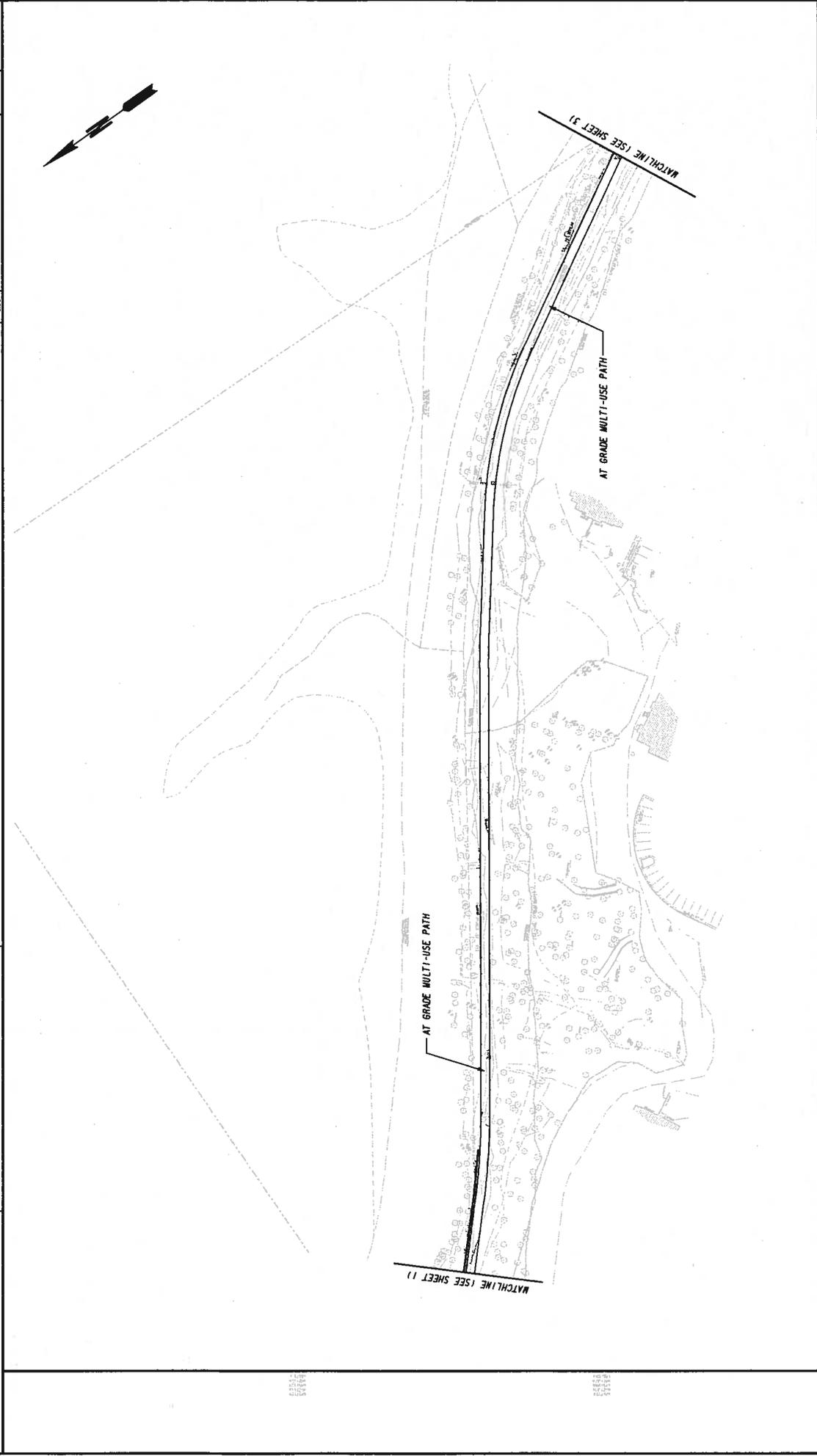




 <p><b>Kimley-Horn and Associates, Inc.</b>          Engineers, Planners, and Environmental Consultants          617 W. Peachtree Street NW, Suite 901          Atlanta, Georgia 30308</p>	<p>SCALE IN FEET</p> 	<p>REVISION DATES</p> <table border="1"> <tr><td> </td><td> </td></tr> </table>																					<p>COBB COUNTY          DEPARTMENT OF TRANSPORTATION</p> <p>OFFICE:  <b>BOB CALLAN TRUNK TRAIL          PHASE II, SEGMENT A</b></p> <p>PI 0010009          Drawing No. 2</p>
<p>DATE## 4/25/09 TIME## 8:00 AM PROJECT NUMBER 001009 SHEET NO. TOTAL SHEETS 2</p>	<p>DATE## 4/25/09 TIME## 8:00 AM PROJECT NUMBER 001009 SHEET NO. TOTAL SHEETS 2</p>	<p>DATE## 4/25/09 TIME## 8:00 AM PROJECT NUMBER 001009 SHEET NO. TOTAL SHEETS 2</p>	<p>DATE## 4/25/09 TIME## 8:00 AM PROJECT NUMBER 001009 SHEET NO. TOTAL SHEETS 2</p>																				







<p><b>Kimley-Horn and Associates, Inc.</b> Engineering, Planning, and Environmental Consultants 817 W. Peachtree Street NW, Suite 601 Atlanta, Georgia 30308</p>	<p>SCALE IN FEET</p>	<p>REVISION DATES</p> <table border="1"> <tr><td> </td><td> </td></tr> </table>											<p>COOS COUNTY DEPARTMENT OF TRANSPORTATION</p> <p>OFFICE: BOB CALLAN TRUNK TRAIL PHASE II, SEGMENT B</p> <p>P.I. TBD</p> <p>drawing no. 2</p>
<p>DATE: 11/20/2014 11:58 AM PROJECT NUMBER: 14000000 SHEET NO.: 2 TOTAL SHEETS: 2</p>			<p>DATE: 11/20/2014 11:58 AM PROJECT NUMBER: 14000000 SHEET NO.: 2 TOTAL SHEETS: 2</p>										





STATE HIGHWAY AGENCY

DATE : 06/03/2013  
PAGE : 1

JOB ESTIMATE REPORT

JOB NUMBER : 0010009-A SPEC YEAR: 01  
DESCRIPTION: BOB CALLAN TRAIL, PHASE 2, SEGMENT A

ITEMS FOR JOB 0010009-A

LINE ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005		LS	MISCELLANEOUS CONSTRUCTION POROUS CONCRETE, 6 IN.	1.000	194535.00	194535.00
0010		LS	MISC LANDSCAPE ITEMS SHORT SPAN BRIDGE	1.000	1651584.00	1651584.00
0015		LS	MISC LANDSCAPE ITEMS WAYFINDING SIGNAGE	1.000	8625.00	8625.00
0020		LS	MISC LANDSCAPE ITEMS PREFABRICATED TRUSS BRIDGE 1	1.000	143520.00	143520.00
0025		AC	TEMPORARY GRASSING	4.000	920.00	3680.00
0030		EA	CONSTRUCTION EXIT	2.000	1978.00	3956.00
0035		LF	MAINT OF TEMP SILT FENCE, TP C	5000.000	1.00	5000.00
0040		LF	TEMPORARY SILT FENCE, TYPE C	10000.000	2.00	20000.00
0045		LS	GRADING COMPLETE - 0010009-A	1.000	60260.00	60260.00
0050		SY	GR AGGR BS CRS 4IN INCL MATL	3670.000	8.00	29360.00
0055		TN	AGGR SURF CRS	250.000	18.50	4625.00
0060		CY	CL B CONC, RET WALL	25.000	575.00	14375.00
0065		LF	STM DR PIPE 18",H 1-10	75.000	50.00	3750.00
0070		EA	FLARED END SECT 18 IN, SIDE DR	10.000	978.00	9780.00
0075		SY	STN DUMPED RIP RAP, TP 3, 12"	50.000	63.00	3150.00
0080		SY	PLASTIC FILTER FABRIC	50.000	6.00	300.00
0085		AC	PERMANENT GRASSING	4.000	1420.00	5680.00
0090		LF	SOLID TRAF STRIPE, 5 IN, YELLOW	2500.000	1.00	2500.00
0095		GLF	SKIP TRAF STRIPE, 5 IN, WHITE	2500.000	1.00	2500.00

ITEM TOTAL 2167180.00  
INFLATED ITEM TOTAL 2167180.00

TOTALS FOR JOB 0010009-A

ESTIMATED COST: 2167180.00  
CONTINGENCY PERCENT ( 0.0 ): 0.00  
ESTIMATED TOTAL: 2167180.00

JOB ESTIMATE REPORT

JOB NUMBER : 0010009-B  
DESCRIPTION: BOB CALLAN TRAIL, PHASE 2, SEGMENT B

SPEC YEAR: 01

ITEMS FOR JOB 0010009-B

LINE ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	009-3000	LS	MISCELLANEOUS CONSTRUCTION POROUS CONCRETE, 6 IN.	1.000	258528.00	258528.00
0010	009-3500	LS	MISC LANDSCAPE ITEMS SHORT SPAN BRIDGE	1.000	1416432.00	1416432.00
0015	009-3500	LS	MISC LANDSCAPE ITEMS WAYFINDING SIGNAGE	1.000	8625.00	8625.00
0020	009-3500	LS	MISC LANDSCAPE ITEMS PREFABRICATED TRUSS BRIDGE 1	1.000	289800.00	289800.00
0025	009-3500	LS	MISC LANDSCAPE ITEMS PREFABRICATED TRUSS BRIDGE 2	1.000	634800.00	634800.00
0030	009-3500	LS	MISC LANDSCAPE ITEMS PREFABRICATED TRUSS BRIDGE 4	1.000	289800.00	289800.00
0035	009-3500	LS	MISC LANDSCAPE ITEMS PREFABRICATED TRUSS BRIDGE 5	1.000	138000.00	138000.00
0040	163-0232	AC	TEMPORARY GRASSING	4.000	920.00	3680.00
0045	163-0300	EA	CONSTRUCTION EXIT	2.000	1978.00	3956.00
0050	165-0030	LF	MAINT OF TEMP SILT FENCE, TP C	6500.000	1.00	6500.00
0055	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	13000.000	2.00	26000.00
0060	210-0100	LS	GRADING COMPLETE - 0010009-B	1.000	110745.00	110745.00
0065	310-5040	SY	GR AGGR BS CRS 4IN INCL MATL	4880.000	8.00	39040.00
0070	318-3000	TN	AGGR SURF CRS	250.000	18.50	4625.00
0075	500-3201	CY	CL B CONC. RET WALL	231.000	575.00	132825.00
0080	550-1180	LF	STM DR PIPE 18",H 1-10	60.000	50.00	3000.00
0085	550-4118	EA	FLARED END SECT 18 IN, SIDE DR	8.000	978.00	7824.00
0090	603-2180	SY	STM DUMPED RIP RAP, TP 3, 12"	40.000	63.00	2520.00
0095	603-7000	SY	PLASTIC FILTER FABRIC	40.000	6.00	240.00
0100	700-6910	AC	PERMANENT GRASSING	4.000	1420.00	5680.00
0105	652-5452	LF	SOLID TRAF STRIPE, 5 IN, YELLOW	3100.000	1.00	3100.00
0110	652-6501	GLF	SKIP TRAF STRIPE, 5 IN, WHITE	3100.000	1.00	3100.00

ITEM TOTAL 3388820.00  
INELATED ITEM TOTAL 3388820.00

TOTALS FOR JOB 0010009-B

ESTIMATED COST: 3388820.00  
CONTINGENCY PERCENT ( 0.0 ): 0.00  
ESTIMATED TOTAL: 3388820.00

**GEORGIA DEPARTMENT OF TRANSPORTATION  
PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 5/17/2013 Project: N/A  
 Revised: County: Cobb  
 PI: 0010009

Description: Bob Callan Trunk Trail, Phase II, Segment A  
 Project Termini: Existing Bob Callan Trail Northern Trailhead to Interstate North Pkwy

Existing ROW:  
 Required ROW:  
 Parcels: 9

Land and Improvements \_\_\_\_\_ \$915,915.00

*Proximity Damage \$0.00*  
*Consequential Damage \$0.00*  
*Cost to Cures \$65,000.00*  
*Trade Fixtures \$0.00*  
*Improvements \$0.00*

Valuation Services \_\_\_\_\_ \$84,375.00

Legal Services \_\_\_\_\_ \$81,075.00

Relocation \_\_\_\_\_ \$18,000.00

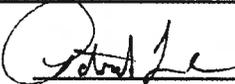
Demolition \_\_\_\_\_ \$0.00

Administrative \_\_\_\_\_ \$80,500.00

TOTAL ESTIMATED COSTS \_\_\_\_\_ \$1,179,865.00

**TOTAL ESTIMATED COSTS (ROUNDED) \_\_\_\_\_ \$1,180,000.00**

Preparation Credits	Hours	Signature

Prepared By:  CG#: \_\_\_\_\_ (DATE) 5/24/13  
 Approved By: \_\_\_\_\_ CG#: \_\_\_\_\_ (DATE) \_\_\_\_\_

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

**GEORGIA DEPARTMENT OF TRANSPORTATION  
PRELIMINARY ROW COST ESTIMATE SUMMARY**

Date: 5/17/2013 Project: N/A  
 Revised: County: Cobb  
 PI: TBD

Description: Bob Callan Trunk Trail Segment B  
 Project Termini: Interstate North Parkway to Terrell Mill Road

Existing ROW:  
 Required ROW:  
 Parcels: 8

Land and Improvements \_\_\_\_\_ \$947,115.00

*Proximity Damage \$0.00*  
*Consequential Damage \$0.00*  
*Cost to Cures \$65,000.00*  
*Trade Fixtures \$0.00*  
*Improvements \$0.00*

Valuation Services \_\_\_\_\_ \$75,000.00

Legal Services \_\_\_\_\_ \$80,400.00

Relocation \_\_\_\_\_ \$16,000.00

Demolition \_\_\_\_\_ \$0.00

Administrative \_\_\_\_\_ \$71,000.00

**TOTAL ESTIMATED COSTS \_\_\_\_\_ \$1,189,515.00**

**TOTAL ESTIMATED COSTS (ROUNDED) \_\_\_\_\_ \$1,190,000.00**

Preparation Credits	Hours	Signature

Prepared By: Patrick Lee CG#: \_\_\_\_\_ (DATE) 5/20/13  
 Approved By: \_\_\_\_\_ CG#: \_\_\_\_\_ (DATE) \_\_\_\_\_

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