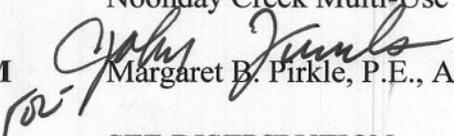


D.O.T. 66

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P. I. No. 0004511, Cobb County **OFFICE** Preconstruction  
CM-0004-00(511)  
Noonday Creek Multi-Use Trail **DATE** December 19, 2005

**FROM**  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** SEE DISTRIBUTION

**SUBJECT** APPROVED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

MBP/cj

Attachment

DISTRIBUTION:

Brian Summers  
Harvey Keepler  
Ken Thompson  
Jamie Simpson  
Michael Henry  
Keith Golden  
Joe Palladi (file copy)  
Paul Liles  
Babs Abubakari  
Bryant Poole  
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

**FILE** P.I. No.0004511, Cobb County **OFFICE** Preconstruction  
 CM-0004-00(511)  
 Noonday Creek Multi-Use Trail **DATE** October 5, 2005

**FROM** *John Pirkle*  
 Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

**TO** David E. Studstill, Jr., P.E., Chief Engineer

**SUBJECT** PROJECT CONCEPT REPORT

This project is the Noonday Creek Multi-Use Trail which will provide a facility for alternative modes of travel for residents and visitors to Cobb County. The proposed multi-use trail will provide linkages to high density residences, office complexes, and commercial developments in the Town Center Mall/Kennesaw Mountain area of Cobb County.

The Noonday Creek Multi-Use Trail will be constructed from the intersection of US 41 at Barrett Parkway to Bells Ferry Road. The trail will follow along existing roadways and portions of Noonday Creek along its corridor. The trail will vary in width between 10' and 12'. In the new location areas, the trail will have 2' grass shoulders. The approximate length of the project is 4.69 miles.

Environmental concerns include requiring a COE 404 permit; a Categorical Exclusion be prepared; a property owners meeting has been held; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$4,170,000	\$4,170,000	L400	LR
Right-of-Way & Utilities*	Local	Local	Local	

\*PMA needed

I recommend this project concept be approved.

MBP:JDQ/cj

Attachment

CONCUR

*Buddy Gratton*  
 \_\_\_\_\_  
 Buddy Gratton, P.E., Director of Preconstruction

APPROVE

*David E. Studstill, Jr.*  
 \_\_\_\_\_  
 David E. Studstill, Jr., P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**INTERDEPARTMENTAL CORRESPONDENCE**



**FILE:** CM-0004-00(511)  
Cobb County  
Noonday Creek Trail from Cobb Pkwy  
to Bells Ferry Road  
P.I. # 0004511

**OFFICE:** Chamblee\Metro

**DATE:** November 9, 2005

**FROM:** Bryant Poole, District Engineer

**TO:** Meg Pirkle, Assistant Director of Preconstruction

**SUBJECT:** *PROJECT CONCEPT REPORT*

Attached is the original copy of the concept report for your further handling for approval in accordance with the PDP.

If you have any questions in regards to this concept, please contact Merishia Robinson or Gerald Ford at (404) 463-4947.

BP\MAL\mkr

cc: Joe Palladi  
Harvey Keepler  
Keith Golden  
Paul Liles  
Brian Summers  
Jamie Simpson  
File

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**District Seven Preconstruction  
PROJECT CONCEPT REPORT**

Project Number: CM-0004-00(511)

County: Cobb

P. I. Number: 0004511

Federal Route Number: US 41, I-75, I-575

State Route Number: SR 3, SR 401, SR 5

Noonday Creek Multi-Use Trail

See page 2 for location sketch

Recommendation for approval:

DATE 11/7/05

Mike Lamm  
Project Manager

DATE 11/8/05

Ben Hoole  
District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE \_\_\_\_\_

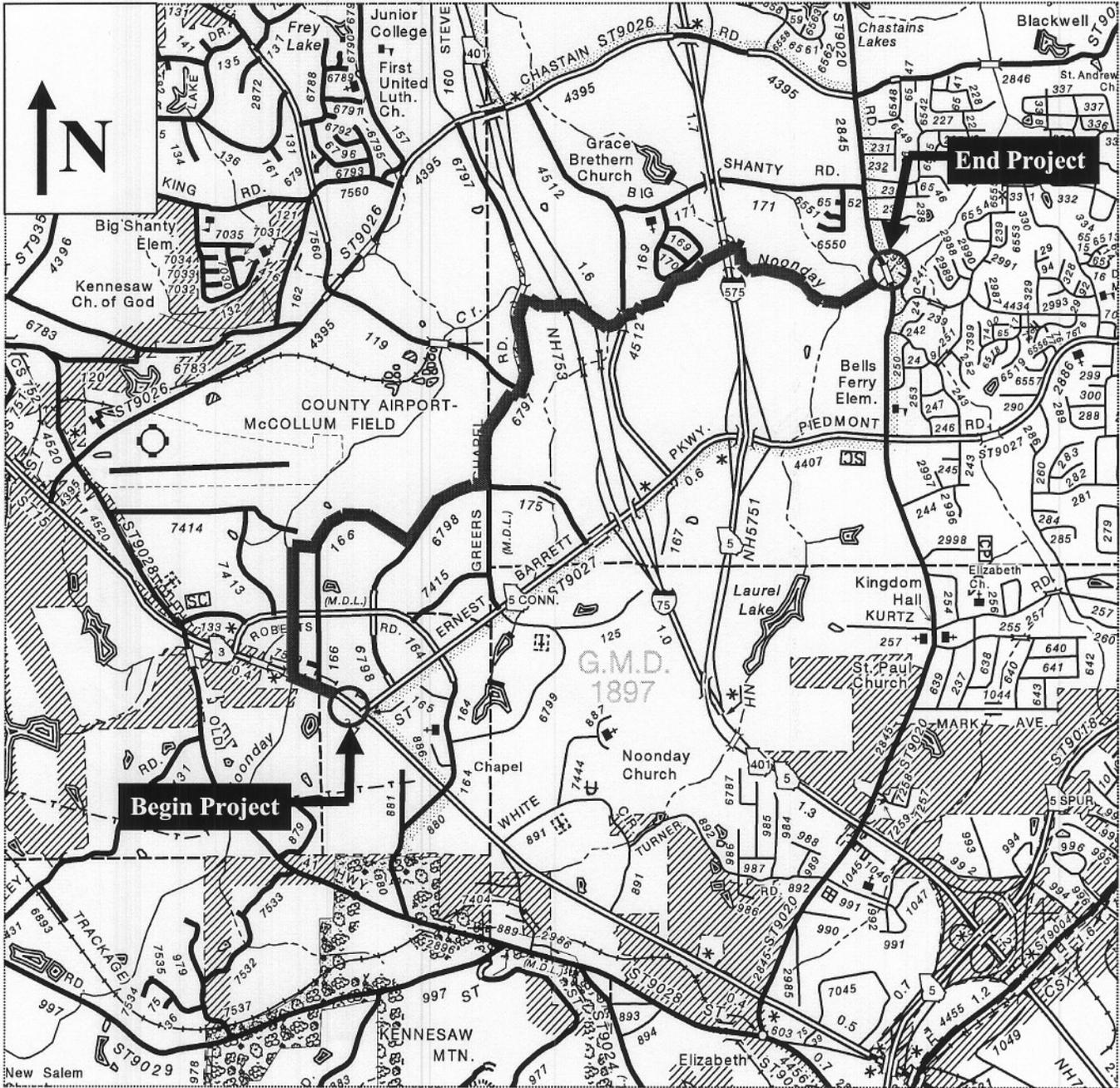
\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge Design Engineer



Noonday Creek Multi-Use Trail from US 41 at Barrett Parkway to Bells Ferry Road

Project Concept Report Page 3  
Project Number: CM-0004-00(511)  
P. I. Number: 0004511  
County: Cobb

**Need and Purpose:**

The proposed Noonday Creek Multi-Use Trail from the intersection of US41 and Barrett Parkway to Bells Ferry Road (TIP# CO-AR-BP214B) is based upon the need to provide connectivity and alternate modes of transportation in the Town Center Mall/Kennesaw Mountain area of Cobb County. By providing a trail in this area, it will allow commuters to live, work and play all in the Town Center Area. They will be able to get out of their cars and walk or bike from apartments, town homes and CCT bus stops to work, eating establishments, entertainment, and retail facilities, thus reducing the number of short vehicle trips and improving air quality by reducing vehicle emissions in this portion of Metro Atlanta.

Once this project and the adjoining project, which begins at the end of the Mountain to River Trail at Kennesaw Mountain National Battlefield Park and ends at the intersection of US 41 and Barrett Parkway (TIP# CO-AR-BP214A), are built the trail will provide connectivity for residents and employees of the area from Bells Ferry Road to the Kennesaw Mountain National Battlefield Park. The Noonday Creek Trail project is an integral part of the LCI project that was completed for the Town Center Area.

There are seven apartment complexes, two town home neighborhoods, one subdivision and one trailer park in the area of the trail. The connectivity of these residential areas to several office parks, three shopping centers in addition to Town Center Mall and the new Super Wal-Mart on Chastain Meadows Parkway, Kennesaw State University and twenty bus stops for CCT will be enhanced due to the construction of the Noonday Creek Trail. This will provide the connectivity needed in this area for the residents and employees of the area to leave their cars and walk to their destination or bus stop via the trail.

The Noonday Creek trail will also provide future connectivity to downtown Kennesaw and a portion of Cherokee County from the Town Center Area via the proposed connections to the Kennesaw Trail and the Noonday Creek Trail Cherokee Connector. These connections to the Noonday Creek Trail will enhance the public's ability to leave their cars and commute to the Town Center Area for living, work and play by alternate modes of transportation.

The construction of the trail will stabilize portions of the creek's banks that suffer severe erosion and shifting due to the increased flows during periods of heavy rainfall. In addition, the construction of the trail will allow for the improvements of pedestrian signals at the intersections that the trail will be constructed through.

Project Concept Report Page 4  
Project Number: CM-0004-00(511)  
P. I. Number: 0004511  
County: Cobb

**Description of the proposed project:**

The project is located along and in the vicinity of Noonday Creek in western Cobb County, Georgia just south of the city of Kennesaw, Georgia. The entire project is located within the boundaries of the Town Center Area Community Improvement District. The project will begin at the intersection of US 41 and Barrett Parkway. The project will proceed along US 41 until it intersects Noonday Creek. The trail will then follow along Noonday Creek crossing over Roberts Boulevard. The trail will continue to follow along the creek until just south of the Cobb County Airport property where the trail will turn and intersect Vaughn Road. Between Roberts Boulevard and Vaughn Road, the trail will cross some low wet areas that may require the trail to be constructed as a boardwalk. The trail will then follow along Vaughn Road, Cobb Place Boulevard and Barrett Lakes Boulevard until its intersection of Noonday Creek, by widening the existing sidewalk along these roads. At this point the trail will again follow along the creek crossing under I-75, crossing Busbee Parkway at its intersection with Town Center Drive, crossing under I-575 and Chastain Meadows Parkway before ending at Bells Ferry Road. The project will contain three creek crossings that will utilize a prefabricated steel bridge structure. These crossings will be approximately 760' north of US 41, 200' west of Busbee Parkway and 730' east of Busbee Parkway. There is an existing 6" x 24" or 6" x 30" curb and gutter along portions of the roadway sections. The approximate length of the project is 4.69 miles, of which 1.64 miles (35%) will be widening of existing sidewalk and 3.05 miles will be new trail (65%). Of the 3.05 miles of new trail, 2.71 miles will be on new location and 0.34 miles will be along existing roadway. The trail will vary in width from 8 feet to 12 feet wide. In the new location areas the trail will have 2 foot grass shoulders.

10' tall. 12/29/05

**Is the project located in a Non-attainment area? Yes.** The proposed project concept matches the conforming plan's model description. The project proposes to add a multi-use trail along the Noonday Creek corridor between US 41 at Barrett Parkway and Bells Ferry Road in the Town Center Mall area of Cobb County.

**PDP Classification:** Major  Minor

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

**Functional Classification:** Pedestrian/Bike Facility

**U. S. Route Number(s): State Route Number(s):** Approximately 0.25 miles of the trail is along US 41/SR 3. The trail will cross under I-75/SR 401 and I-575/SR 5.

**Traffic (AADT):**

Current Year: N/A-New Facility Design Year: N/A

**Existing design features:**

- Typical Section: N/A
- Posted speed: N/A mph                      Maximum degree of curvature: N/A
- Maximum grade: N/A
- Width of right-of-way: N/A ft.
- Major structures: N/A
- Major interchanges or intersections along the project: N/A
- Existing length of roadway segment and the beginning mile logs for each county segment: N/A

**Proposed Design Features:**

- Proposed typical section(s):
  - The typical section along the existing roadway without existing curb and gutter will be a 2.5 foot curb and gutter, with a 5 foot grass strip, a 12 foot wide trail (two 6 foot lanes) and 2 foot shoulder beyond the trail.
  - The typical section along the existing roadway with existing curb and gutter will be a 2 to 5 foot grass strip, a 10 to 12 foot wide trail (two 5 to 6 foot lanes) and a 2 foot shoulder beyond the trail.
  - The typical section of the trail along the creek will be two 6 foot lanes with a 2 foot shoulder on each side of the trail.
- Proposed Design Speed Mainline 20 mph
- Proposed Maximum grade Mainline 5%    Maximum grade allowable 5%
- Proposed Maximum grade Side Street N/A%    Maximum grade allowable N/A%
- Proposed Maximum grade driveway N/A%
- Proposed Maximum degree of curve 57°00'00"    Maximum degree allowable 57°10'00"
- Right-of-Way
  - Width: 40 feet
  - Easements: Temporary (X), Permanent (X), Utility ( ), Other ( ).
  - Type of access control: Full ( ), Partial ( ), By Permit (X), Other ( ).
  - Number of parcels: 54    Number of displacements:
    - Business: 0
    - Residences: 0
    - Mobile homes: 0
    - Other: 0
- Structures:
  - Bridges – There are 3 bridges proposed in order for the trail to cross over the creek. All 3 will be prefabricated steel bridges that are approximately 12 feet wide by 70 feet long. The first bridge will be located between US 41 and Roberts Boulevard. The second bridge will be located between I-75 and George Busbee Parkway. The third bridge will be located between George Busbee Parkway and I-575.

- o Retaining walls - None
- Major intersections and interchanges.

The trail will cross US 41 at Vaughn Road at the existing signal. The trail will also cross over Vaughn Road at this same location. The signal at this intersection will required upgrading to add additional pedestrain phases.

The trail will cross Roberts Boulevard midblock at a new pedestrian activated signal.

The trail will cross Barrett Lakes Boulevard at Duncan Road at an existing signal. The signal at this intersection will require upgrading to add additional pedestrain phases.

The trail will cross George Busbee Parkway at Town Center Drive at an existing signal. The signal at this intersection will require upgrading to add additional pedestrain phases.

The trail will also cross under I-75, I-575 and Chastain Meadows Parkway.

- Traffic control during construction:

Traffic control for the project will consist of periodic lane closures during construction along the existing roadways. No detours will be required for the construction of this project.

- Design Exceptions to controlling criteria anticipated:

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(X)
ROADWAY WIDTH:	()	()	(X)
SHOULDER WIDTH:	()	()	(X)
VERTICAL GRADES:	()	()	(X)
CROSS SLOPES:	()	()	(X)
STOPPING SIGHT DISTANCE:	()	()	(X)
SUPERELEVATION RATES:	()	()	(X)
HORIZONTAL CLEARANCE:	()	()	(X)
SPEED DESIGN:	()	()	(X)
VERTICAL CLEARANCE:	()	()	(X)
BRIDGE WIDTH:	()	()	(X)
BRIDGE STRUCTURAL CAPACITY:	()	()	(X)

- Design Variances: None anticipated
- Environmental concerns:

A Nationwide 14 or a Section 404 permit and a stream buffer variance will be required for this project. There are some listed archeology sites along the creek that will be investigated as part of the environmental analysis for the project.

Project Concept Report Page 7  
Project Number: CM-0004-00(511)  
P. I. Number: 0004511  
County: Cobb

- Level of environmental analysis:
  - Are Time Savings Procedures appropriate? Yes (X), No ( ),
  - Categorical exclusion (X),
  - Environmental Assessment/Finding of No Significant Impact (FONSI) ( ), or
  - Environmental Impact Statement (EIS) ( ).
- Utility involvements:

The following utilities have facilities located along the project corridor:

  - Power: Georgia Power, Municipal Electric Authority of Georgia, Cobb EMC, and Marietta Power
  - Gas: Atlanta Gas Light
  - Telephone/Telecommunications: Bellsouth Telecommunications, MCI
  - Water: Cobb County Water System, Cobb County Marietta Water Authority
  - Sanitary Sewer: Cobb County Water System
  - Cable: Comcast

**Project responsibilities:**

- Design – Town Center Area Community Improvement District/Cobb County Department of Transportation/Florence & Hutcheson, Inc.
- Right-of-Way Acquisition – Cobb County Department of Transportation
- Relocation of Utilities – Owner of Utility Company
- Letting to contract – Cobb County Department of Transportation
- Supervision of construction – Georgia Department of Transportation
- Providing material pits – Construction Contractor
- Providing detours – Construction Contractor

**Coordination**

- Initial Concept Meeting date and brief summary. The Initial Concept Meeting was held on July 14, 2005. See the attached minutes for a summary of the meeting.
- Concept meeting date and brief summary. The Concept Team Meeting was held on September 15, 2005. See the attached minutes for a summary of the meeting.
- P A R meetings, dates and results. Not required
- FEMA, USCG, and/or TVA: No coordination has been completed at this time with any of these agencies.

Project Concept Report Page 8  
Project Number: CM-0004-00(511)  
P. I. Number: 0004511  
County: Cobb

- **Public involvement:**

On April 14, 2005 a meeting was held for all of the property owners within the project corridor to give them an overview and to allow them to comment on the project. One property owner attended and was in favor of the project.

On May 9, 2005 a meeting was held with three major property owners along the corridor to give them an overview of the project and allow them to comment on the project as it stood at that point. All three owners are in favor of the project.

- **Local government comments.**

None at this time

- **Other projects in the area.**

Cobb County has a trail project that starts at Kennesaw Mountain National Battlefield Park the connects to the Mountain to River Trail and ends at the intersection of US 41 and Barrett Parkway.

- **Railroads:** There are no railroads located within the project limits.
- **Other coordination to date:** None

#### **Scheduling – Responsible Parties' Estimate**

- Time to complete the environmental process: 12 Months.
- Time to complete preliminary construction plans: 6 Months.
- Time to complete right-of-way plans: 2 Months.
- Time to complete the Nationwide 14 (Section 404 if necessary) Permit: 6 Months.
- Time to complete final construction plans: 5 Months.
- Time to complete to purchase right-of-way: 12 Months.
- List other major items that will affect the project schedule: None known.

**Other alternates considered:** No Build

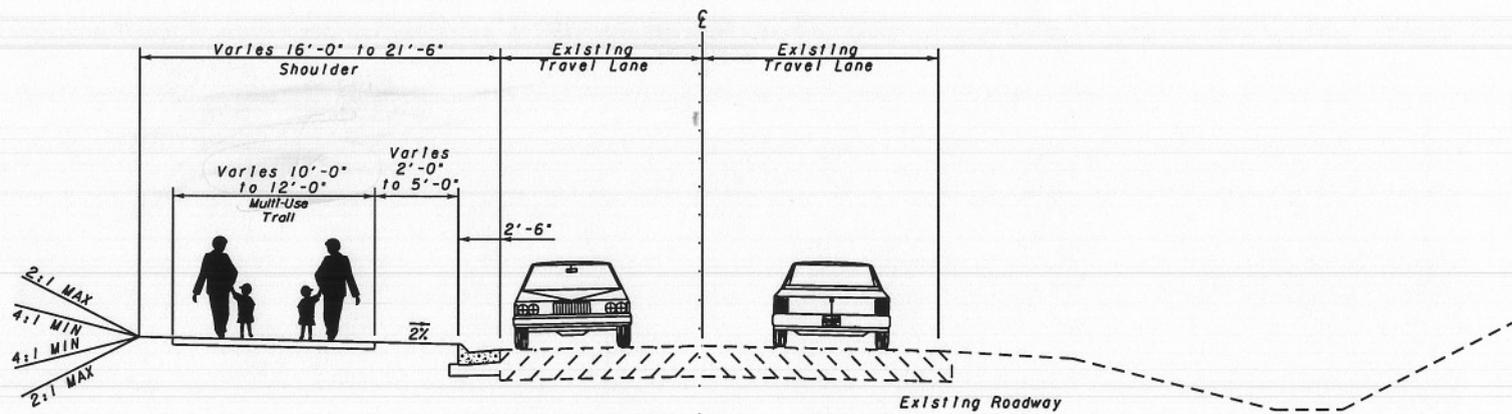
**Comments:** None

#### **Attachments:**

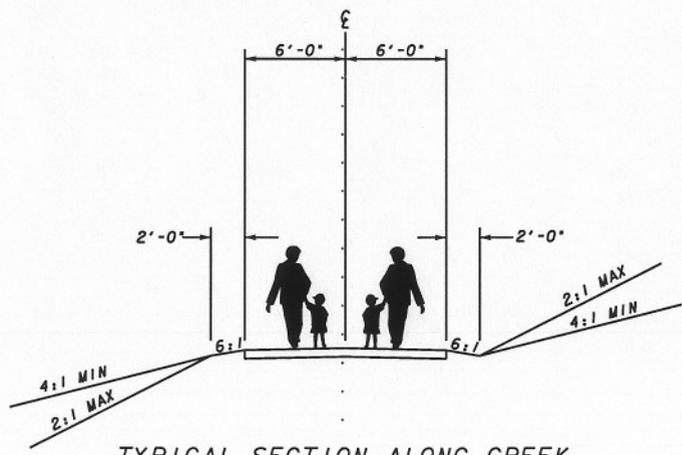
1. Cost Estimates:
  - a. Construction including E&C - Attached
  - b. Right-of-Way - Attached
  - c. Utilities - TBD
2. Typical sections - Attached
3. Minutes of Initial Concept and Concept meetings - Attached
4. Location and Design Notice - Attached

<b>Construction Cost Estimate for Noonday Creek Trail Phase II</b>					
Item Number	Description	Unit	Unit Cost	Quantity	Total Cost
<b>Trail Items</b>					
150-1000	Traffic Control	Lump	\$150,000.00	1	\$150,000.00
210-0100	Grading Complete	Lump	\$500,000.00	1	\$500,000.00
310-1101	Graded Aggr Base Crs, Incl Matl	TN	\$24.96	7222	\$180,261.12
402-3110	Recycled Asph Conc 9.5mm Superpave, GP 1 or 2	TN	\$49.86	1615	\$80,523.90
441-0104	Conc Sidewalk, 4 In	SY	\$48.72	6564	\$319,798.08
441-6022	Conc Curb & Gutter, 6 IN x 30 IN, TP 2	LF	\$26.94	950	\$25,593.00
441-7014	Curb Cut Wheelchair Ramp, Type D	EA	\$818.70	6	\$4,912.20
550-1240	Storm Drain Pipe, 24 IN, H 1-10	LF	\$41.65	1880	\$78,302.00
550-4224	Flared End Section 24 IN, Storm Drain	EA	\$420.17	61	\$25,630.37
610-0110	Rem Bus Shelter	EA	\$1,000.00	2	\$2,000.00
610-6605	Rem Lighting Standard	EA	\$496.50	20	\$9,930.00
611-4990	Reset Bus Shelter	EA	\$1,500.00	2	\$3,000.00
611-5480	Reset Lighting Standard	EA	\$1,550.00	20	\$31,000.00
634-1200	Right of Way Markers	EA	\$95.80	30	\$2,874.00
	Trail Markers TP 10	EA	\$300.00	20	\$6,000.00
641-1200	Guardrail, Tp W	LF	\$17.26	1800	\$31,068.00
641-5001	Guardrail Anchorage, TP 1	EA	\$562.25	5	\$2,811.25
641-5012	Guardrail Anchorage, TP 12	EA	\$1,636.94	5	\$8,184.70
668-1100	Catch Basin, Gp 1	EA	\$1,814.09	3	\$5,442.27
754-4000	Waste Receptacle Unit	EA	\$150.00	10	\$1,500.00
	Benches	EA	\$500.00	20	\$10,000.00
	Boardwalks	LF	\$200.00	1000	\$200,000.00
	Restroom/Concession Building	EA	\$70,000.00	1	\$70,000.00
	Parking Areas	SF	\$3.00	168538	\$505,614.00
<b>Subtotal Trail Items</b>			\$0.00		<b>\$2,254,444.89</b>
<b>Erosion Control - Permanent</b>					
603-2030	Stn Dumped Rip-Rap, TP 1, 30 In	SY	\$50.00	500	\$25,000.00
603-7000	Plastic Filter Fabric	SY	\$4.59	500	\$2,295.00
700-6910	Permanent Grassing	AC	\$2,000.00	11	\$22,000.00
700-7000	Agricultural Lime	TN	\$62.28	33	\$2,055.24
700-8000	Fertilizer Mixed Grade	TN	\$276.97	10	\$2,769.70
700-8100	Fertilizer Nitrogen Content	LB	\$1.77	550	\$973.50
716-2000	Erosion Control Mats, Slopes	SY	\$1.39	20150	\$28,008.50
	Misc. Landscaping	LS	\$100,000.00	1	\$100,000.00
<b>Subtotal Erosion Control - Permanent</b>					<b>\$183,101.94</b>
<b>Erosion Control - Temporary</b>					
163-0232	Temporary Grassing	AC	\$1,000.00	9	\$9,000.00
163-0240	Mulch	TN	\$245.74	155	\$38,089.70
163-0300	Construction Exit	EA	\$1,334.31	10	\$13,343.10
163-0530	Construct and Remove Baled Straw Erosion Check	LF	\$3.17	9490	\$30,083.30
163-0550	Construct & Remove Inlet Sediment Traps	EA	\$199.79	30	\$5,993.70
165-0010	Maintenance of Temporary Silt Fence, Tp A	LF	\$1.41	13286	\$18,733.26
165-0030	Maintenance of Temporary Silt Fence, Tp C	LF	\$1.51	15184	\$22,927.84
165-0070	Maintenance of Baled Straw Erosion Check	LF	\$1.63	9490	\$15,468.70
165-0101	Maintenance of Construction Exit	EA	\$426.15	10	\$4,261.50
165-0105	Maintenance of Inlet Sediment Traps	EA	\$94.32	30	\$2,829.60
167-1000	Water Quality Monitoring and Sampling	EA	\$865.91	12	\$10,390.92
167-1500	Water Quality Inspections	MO	\$844.33	12	\$10,131.96
171-0010	Temporary Silt Fence, Type A	LF	\$2.32	13286	\$30,823.52
171-0030	Temporary Silt Fence, Type C	LF	\$3.38	15184	\$51,321.92
<b>Subtotal Erosion Control - Temporary</b>					<b>\$263,399.02</b>
<b>Signing and Marking</b>					
610-6515	Rem Highway Sign, Std	EA	\$65.51	20	\$1,310.20
611-5360	Reset Highway Sign	EA	\$553.62	20	\$11,072.40
653-1804	Thermoplastic Solid Traffic Stripe, 8in White	LF	\$1.77	1500	\$2,655.00
653-3502	Thermoplastic Skip Traf Stripe, 5in Yellow	GLF	\$0.22	24115	\$5,305.30
<b>Subtotal Signing and Marking</b>					<b>\$20,342.90</b>

<b>Signals</b>					
647-1000	Traffic Signal Installation (New - Pedestrian Activated)	LS	\$60,000.00	1	\$60,000.00
647-1000	Traffic Signal Installation (Upgrade for additional Ped)	LS	\$20,000.00	1	\$20,000.00
647-1000	Traffic Signal Installation (Upgrade for additional Ped)	LS	\$20,000.00	1	\$20,000.00
647-1000	Traffic Signal Installation (Upgrade for additional Ped)	LS	\$20,000.00	1	\$20,000.00
<b>Subtotal Signals</b>					<b>\$120,000.00</b>
<b>Trail Sub Total</b>					<b>\$2,841,288.75</b>
<b>Bridge Culverts</b>					
<b>Bridge Culvert #1 - US 41 @ Noonday Creek</b>					
207-0203	Foundation Bkfill Matl, TP II	CY	\$49.37	14	\$691.18
500-3101	Class A Concrete	CY	\$586.33	84	\$49,251.72
511-1000	Bar Reinf Steel	LB	\$1.01	9700	\$9,797.00
610-9099	Rem Wingwalls and Parapets, Sta 199+50 Rt	LS	\$2,500.00	1	\$2,500.00
<b>Subtotal Bridge Culvert #1</b>					<b>\$62,239.90</b>
<b>Bridge Culvert #2 - Barrett Lakes Blvd @ Noonday Creek</b>					
207-0203	Foundation Bkfill Matl, TP II	CY	\$49.37	22	\$1,086.14
500-3101	Class A Concrete	CY	\$586.33	117	\$68,600.61
511-1000	Bar Reinf Steel	LB	\$1.01	14000	\$14,140.00
610-9099	Rem Wingwalls and Parapets, Sta 330+50 Rt	LS	\$3,500.00	1	\$3,500.00
<b>Subtotal Bridge Culvert #2</b>					<b>\$87,326.75</b>
<b>Sub Total for Bridge Culvert Items</b>					<b>\$149,566.65</b>
<b>Bridge Items</b>					
<b>Bridge #1</b>					
500-3101	Class A Concrete - (for decking & abutments)	CY	\$586.33	38	\$22,280.54
511-1000	Bar Reinf Steel - (for decking & abutments)	LB	\$1.01	2000	\$2,020.00
534-1000	Pedestrian Overpass Bridge #1	Lump	\$125,000.00	1	\$125,000.00
<b>Sub Total for Bridge #1</b>					<b>\$149,300.54</b>
<b>Bridge #2</b>					
500-3101	Class A Concrete - (for decking & abutments)	CY	\$586.33	38	\$22,280.54
511-1000	Bar Reinf Steel - (for decking & abutments)	LB	\$1.01	2000	\$2,020.00
534-1000	Pedestrian Overpass Bridge #2	Lump	\$125,000.00	1	\$125,000.00
<b>Sub Total for Bridge #2</b>					<b>\$149,300.54</b>
<b>Bridge #3</b>					
500-3101	Class A Concrete - (for decking & abutments)	CY	\$586.33	38	\$22,280.54
511-1000	Bar Reinf Steel - (for decking & abutments)	LB	\$1.01	2000	\$2,020.00
534-1000	Pedestrian Overpass Bridge #3	Lump	\$125,000.00	1	\$125,000.00
<b>Sub Total for Bridge #3</b>					<b>\$149,300.54</b>
<b>Sub Total for Bridge Items</b>					<b>\$447,901.62</b>
<b>Sub Total for Construction</b>					<b>\$3,438,757.02</b>
<b>E&amp;C Rate 10.0%</b>					<b>\$343,875.70</b>
<b>Inflation Rate 5.0% @ 2 years</b>					<b>\$387,719.85</b>
<b>Total Construction Cost</b>					<b>\$4,170,352.58</b>
<b>Right of Way</b>					<b>\$935,800.00</b>
<b>Reimbursible Utilities</b>					<b>TBD</b>
<b>Grand Total Project Cost</b>					<b>\$5,106,152.58</b>



TYPICAL SECTION ALONG ROADWAY



TYPICAL SECTION ALONG CREEK

PLANS PREPARED BY:  
**FH** Florence & Hutcheson, Inc.  
 CONSULTING ENGINEERS  
 1105 Vaughn Rd. Suite 200 - Suwanee, GA 30084

REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
		OFFICE: TYPICAL SECTIONS	
		NOONDAY CREEK MULTI-USE TRAIL	
		DRAWING NO. 5-01	

## Initial Concept Team Meeting Minutes

Date & Time: July14, 2005 at 10:00 AM

Place: District 7 Offices  
330 Capitol Ave. Atlanta, Ga  
Preconstruction Conference Room

Attended by:

Gerald Ford, Georgia Department of Transportation  
Merishia Robinson, Georgia Department of Transportation  
Johnathan Thomas, Georgia Department of Transportation  
David Robbins, Georgia Department of Transportation  
Mike Lobdell, Georgia Department of Transportation  
Jerry Milligan, Georgia Department of Transportation Right-of-way  
Dona Lee Welch, Georgia Department of Transportation  
Katie Mullins, Georgia Department of Transportation D7 Traffic Ops  
Alexis John, Georgia Department of Transportation OEL  
Edlin Regis, Georgia Department of Transportation D7 Traffic Ops  
Mike Wright, Cobb County Department of Transportation  
Jay Simone, Florence & Hutcheson  
Sarah Nichols, Florence & Hutcheson

Subject: Noonday Creek Multi-Use Trail  
Project No. CM-0004-00(511)  
P.I. No. 0004511  
Cobb County

The meeting was the initial concept team meeting for Noonday Creek Multi-Use Trail. It was scheduled in order to explain the purpose of the project. The following is a summary of the discussion:

1. Jay Simone gave an overview of the project stating that it is approximately a 4.7 mile multi-use trail that is located along and in the vicinity of Noonday Creek in Cobb County. It spans from Barrett Parkway and US 41 to Bells Ferry Road. Environmentally the project will need a 404 permit and a stream buffer variance. In addition, there are some listed archeological sites located along the creek. Parking for the trail is an issue that is being looked into. Cobb County has a proposed regional detention facility for the creek that would be located just west of Chastain Meadows Parkway. Pre-fabricated bridges are to be used for the creek crossings. There is a pedestrian activated signal proposed for the trail crossing of Roberts Boulevard. The trail will cross Busbee Parkway at Town Center Drive, which is a signalized intersection. The major coordination with GDOT will be where the trail passes under the bridges of I-75 and I-575. Along Noonday Creek, the trail mainly follows the Cobb County Water System easement. The trail is proposed to be asphalt along the

creek unless there is an environmental issue with paving next to the creek, otherwise it will be concrete. The utility companies in the location of the trail have been notified via letter and 8 have responded with a confirmation of utilities along the corridor.

2. Mike Wright stated that the sewer easement will need to be renegotiated for change of use before the trail can be constructed.
3. Gerald asked about the two phases of the project. Jay responded that it is broken up as it was programmed in the STIP with the ARC.
4. Jerry asked if there were any problems with Right-of-way. It was stated that all of the properties are within the Town Center CID. Property owners that have come forward are very supportive of the project since they see it as an enhancement to the area.
5. It was asked how the design would affect the utilities. Jay stated that most of the utilities are underground. It is proposed that the manholes will be avoided along the sewer easement. As the utilities have not yet been located, it is hard to say if the proposed trail covers them or not. Mike Lobdell asked for a set of cut sheets to be sent to the utility companies.
6. Alexis asked if there were any historical issues with the project. Jay responded that there is no known history in the area of the project. There could be some archeological issues. The environmental consultant is waiting for preliminary construction limits before performing the archeological survey.
7. It was asked if any culverts were proposed. Jay stated that bridges were proposed for all creek crossings. There are a couple of side streams that would need a small pipe or a culvert.
8. Gerald asked if this is a TEE project. It is assumed that it is a TEE project and the standard concept report format will be used.
9. It was stated that GDOT Planning, Bridges, CMAQ coordinator, and the Bike/Pedestrian Planner need to attend the next meeting.
10. The proposed TIP date is 2007. The revised concept report is scheduled to be turned in at the end of July for the next meeting to be scheduled around the end of August. Right-of-way and utility cost estimates as well as a proposed schedule are also needed for the next meeting.
11. The main contact for design issues will be Jay Simone.

Cc: all attendees  
Keith Franklin, Florence & Hutcheson  
Joel Stone, TCACID

## Concept Team Meeting Minutes

Date & Time: September 15, 2005 at 1:30 AM

Place: District 7 Offices  
330 Capitol Ave. Atlanta, Ga  
Preconstruction Conference Room

Attended by:

Gerald Ford, Georgia Department of Transportation, D7 Preconstruction; Merishia Robinson, Georgia Department of Transportation, D7 Preconstruction; Lowell James, Georgia Department of Transportation, D7 Preconstruction; Linda Adams, Georgia Department of Transportation, D7 Traffic Ops; Mike Lobdell, Cobb County Department of Transportation, D7 Preconstruction; Jerry Milligan, Georgia Department of Transportation, Right-of-way; Marshall Troup, Georgia Department of Transportation, D7 Planning; Reuben Woods, Georgia Department of Transportation, D7 Utilities; Lisa Favors, Georgia Department of Transportation, OEL; Scott Lee, Georgia Department of Transportation, D7 Preconstruction; Lisa Safstrom, Georgia Department of Transportation, Planning/Bike/Ped; Amy Goodwin, Georgia Department of Transportation, Planning/Bike/Ped; Scott Gibson, Georgia Department of Transportation, D7 Construction; Patrick Allen, Georgia Department of Transportation, D7 Construction; Bob Hovey, Cobb County Planning Commission; Mike Wright, Cobb County Department of Transportation; Jimmy Gisi, Cobb County Parks; Josh Earhart, Edwards-Pitman Environmental; Jay Simone, Florence & Hutcheson; Joe Como, Florence & Hutcheson

Subject: Noonday Creek Multi-Use Trail  
Project No. CM-0004-00(511)  
P.I. No. 0004511  
Cobb County

The concept team meeting for Noonday Creek Multi-Use Trail was scheduled in order to provide a forum for commenting on the concept report. The following is a summary of the discussion:

- A. Jay Simone gave an overview of the project stating that it is a 4.5 mile long multi-use trail that is located along and in the vicinity of Noonday Creek in Cobb County. It spans from Barrett Parkway and US 41 to Bells Ferry Road. Along Noonday Creek, the trail mainly follows the Cobb County Water System easement. The trail is proposed to be constructed with asphalt except in areas with existing sidewalk. Existing sidewalk areas will be widened with concrete sidewalk. There will be one section of raised boardwalk along Noonday Creek

between Roberts Boulevard and Vaughn Road. The trail will be 10'-12' wide with a 2'-5' grass strip along existing roadways. Three pre-fabricated bridges are to be used for the creek crossings. There is a pedestrian activated signal proposed for the trail crossing of Roberts Boulevard. The trail will cross Busbee Parkway at Town Center Drive, which is a signalized intersection.

- B. **Cover Page(Pg.1)**- Merishia Robinson stated that the cover page should include federal and state route numbers of roads in the vicinity, and that the location map is not clear. Gerald Ford stated that the map can be replaced with a note stating to "See page two for the project location sketch."  
Merishia also stated that the district engineer signature line can be deleted and that the remaining signature lines need more space between them.
- C. **Map(Pg.2)**- Team members suggested making the road names on the map bigger and to highlight the path of the trail so it is clearer to the reader. Map should include State Route numbers, a north arrow, and a project description at the bottom or top of the page. Amy Goodwin suggested using a dashed line to represent the trail path.
- D. **Need and Purpose(Pg.3)**- Several concept team members stated the need to change the need and purpose of the trail from a recreational facility to an alternative mode of transportation and connectivity to the Town Center mall area. This is due to the requirement to use CMAQ funds for air quality improvement and not for recreational use. Scott Lee and Mike Lobdell stated that we will have to prove that this project will reduce air emissions, improve air quality, and reduced congestion. Concept report should discuss how the project will get people out of their cars. Parking and buildings cannot be funded with CMAQ funds either because they promote vehicle use.  
Bob Hovey suggested adding a spur line to the KSU campus and pointed out several recent dense population housing developments also. It was suggested to show connectivity to these developments and to existing CCT transit stations by several team members.  
Amy suggested adding bike parking, preferable covered, at the mall. She suggested that the report should include a breakdown of what percentage of the trail is rehabilitating or widening of existing facilities and what percentage is new. She suggested using the Georgia guide to pedestrian planning to help determine pedestrian potential for the trail.  
**Description-** Merishia commented that the written description of the project is hard to follow and suggested changing the focus to intersections, bridges, and landmarks to guide the reader. She also commented on the need to quantify the term "half-way" with a distance for the creek crossing between US 41 and Roberts Blvd and to include how much and where widening is occurring.
- E. **Description continued(Pg.4)**- Minor grammer errors found by Merishia who provided a copy of her markups to Jay Simone. Traffic data needs to be filled in.

- F. **Proposed Design Features(Pg.5)**- Amy pointed out to be sure the trail has a 5 foot separation from the edge of travelway and must be a minimum of 8 feet wide. A minimum 42” high fence between the trail and the road should be used in areas where 5 feet of separation is not feasible. Gerald Ford pointed out the need to spell out the number two in 3 places when describing the lanes. A warrant analysis is needed for the proposed new pedestrian signal.
- G. **(Pg.6)**- No comments.
- H. **Project Responsibility(Pg. 7)**- Merishia commented to change “Letting to contract” from GDOT to Cobb County and the attach the initial concept meeting minutes. Scott Lee requested a detail project schedule for review and comment to ensure GDOT resources are available to meet the dates proposed.
- I. **Scheduling(Pg.8)**- The team also suggested increasing the “Time to complete to purchase right-of-way.”
- J. **(Pg.9)**- Enlarge typical section to make it more legible.

Cc: all attendees  
Keith Franklin, Florence & Hutcheson  
Joel Stone, TCACID

# NOTICE OF LOCATION AND DESIGN APPROVAL

**Project Number CM-0004-00(511), Cobb County  
P.I. 0004511**

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location approval is ~~(To be inserted by the Assistant Director of Preconstruction after approval by the Chief Engineer.)~~ **DECEMBER 19, 2005**

This project is the construction of the Noonday Creek Multi-Use trail from US 41 at Barrett Parkway to Bells Ferry Road in Cobb County Georgia. The project is located at approximately 1.58 miles east of the Kennesaw City limits and is located in Land Lots 505, 506, 507, 508, 509, 510, 511, 574, 575, 576, 577 and 648 of the 16<sup>th</sup> District and in Land Lots 171, 172, 173, 174, 207 and 208 of the 20<sup>th</sup> District of Cobb County.

The Noonday Creek Multi-Use Trail will be constructed from the intersection of US 41 at Barrett Parkway to Bells Ferry Road. The trail will follow along existing roadways and portions of Noonday Creek along its corridor. The trail will vary in width between 10 feet and 12 feet. The length of the trail is approximately 4.69 miles

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

Mr. Jeff Woodward – Area Engineer  
[jeff.woodward@dot.state.ga.us](mailto:jeff.woodward@dot.state.ga.us)  
862 Barnes Mill Road  
Marietta, Georgia 30062  
(770) 528-3238

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

Mr. Robert Galante – Engineering Division Manager  
Cobb County Department of Transportation  
[rgalante@cobbcounty.org](mailto:rgalante@cobbcounty.org)  
1890 County Services Parkway  
Marietta, Georgia 30008  
(770) 528-1600

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**District Seven Preconstruction  
PROJECT CONCEPT REPORT**

Project Number: CM-0004-00(511)

County: Cobb

P. I. Number: 0004511

Federal Route Number: US 41, I-75, I-575

State Route Number: SR 3, SR 401, SR 5

Noonday Creek Multi-Use Trail

See page 2 for location sketch

Recommendation for approval:

DATE 11/7/05

Mike Salami  
Project Manager

DATE 11/8/05

Ray Hoole  
District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE 11/13/05

Paul V. Tiller Jr.  
State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**District Seven Preconstruction  
PROJECT CONCEPT REPORT**

Project Number: CM-0004-00(511)

County: Cobb

P. I. Number: 0004511

Federal Route Number: US 41, I-75, I-575

State Route Number: SR 3, SR 401, SR 5

NOV 23 2005

Noonday Creek Multi-Use Trail

See page 2 for location sketch

Recommendation for approval:

DATE 11/7/05

Mike Lamm  
Project Manager

DATE 11/8/05

Ray Hoole  
District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE 11-21-05

Scott Bell  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION**

**STATE OF GEORGIA**

**District Seven Preconstruction  
PROJECT CONCEPT REPORT**

Project Number: CM-0004-00(511)

County: Cobb

P. I. Number: 0004511

Federal Route Number: US 41, I-75, I-575

State Route Number: SR 3, SR 401, SR 5

Noonday Creek Multi-Use Trail

See page 2 for location sketch

Recommendation for approval:

DATE 11/7/05

Mike Lamm  
Project Manager

DATE 11/8/05

Ray Hoole  
District Engineer

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

DATE \_\_\_\_\_

\_\_\_\_\_  
State Transportation Planning Administrator

DATE 11-9-05

James Dyer  
State Transportation Financial Management Administrator

DATE \_\_\_\_\_

\_\_\_\_\_  
State Environment/Location Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
Project Review Engineer

DATE \_\_\_\_\_

\_\_\_\_\_  
State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**District Seven Preconstruction  
PROJECT CONCEPT REPORT**

Project Number: CM-0004-00(511)

County: Cobb

P. I. Number: 0004511

Federal Route Number: US 41, I-75, I-575

State Route Number: SR 3, SR 401, SR 5

Noonday Creek Multi-Use Trail

See page 2 for location sketch

Recommendation for approval:

DATE 11/7/05

Mike Lamm  
Project Manager

DATE 11/8/05

Ray Hoole  
District Engineer

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

DATE 11/16/05

Joseph P. [Signature]  
State Transportation Planning Administrator

DATE \_\_\_\_\_

State Transportation Financial Management Administrator

DATE \_\_\_\_\_

State Environment/Location Engineer

DATE \_\_\_\_\_

State Traffic Safety and Design Engineer

DATE \_\_\_\_\_

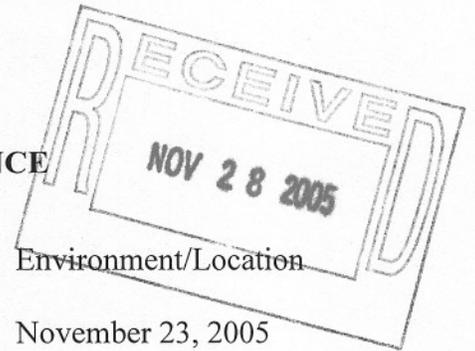
Project Review Engineer

DATE \_\_\_\_\_

State Bridge Design Engineer

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

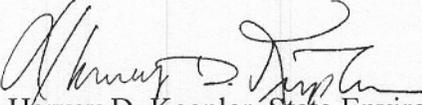
**INTERDEPARTMENT CORRESPONDENCE**



**FILE:** P.I. No. 0004511

**OFFICE:** Environment/Location

**DATE:** November 23, 2005

**FROM:**   
Harvey D. Keepler, State Environmental/Location Engineer

**TO:** Margaret B. Pirkle, Assistant Director of Preconstruction

**SUBJECT:** **PROJECT CONCEPT REPORT**  
**CM-0004-00(511) / Cobb County**  
**Noonday Creek Trail from Cobb Pkwy. to Bells Ferry Road**

The above subject concept report has been reviewed. This Office has no comment at this time.

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

HDK/lc

Attachment

cc: Brian Summers  
Bryant Poole  
Keith Golden  
Joe Palladi  
Jamie Simpson