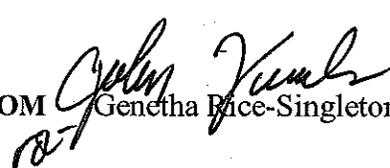


**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0008044, DeKalb County **OFFICE** Preconstruction
CSSTP-0008-00(044)
Klondike Road/ Arabia Mountain Multi-use Trail

DATE January 30, 2009

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

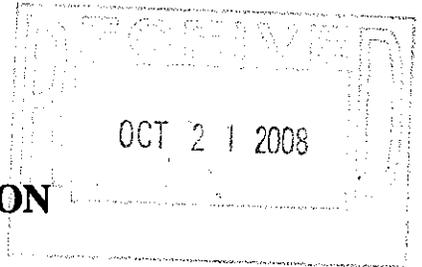
Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Ron Wishon
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Bryant Poole
Paul Liles
Mike Lobdell
Scott Lee
BOARD MEMBER

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**



INTERDEPARTMENT CORRESPONDENCE

FILE CSSTP-0008-00(044), DeKalb
PI 0008044

OFFICE: District Seven
DATE: October 6, 2008

Bryant Poole

FROM: Bryant Poole, District Seven Engineer

TO: Genetha Rice-Singleton, Assistant Director of Preconstruction

SUBJECT: *Revised Project Concept Report*

Attached is the original copy of the Revised Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

The Klondike Road/Arabia Mountain Multi-use Trail project will be split into 2 phases. Phase 1 consists of the western most portion of the project that runs along Klondike Road. This phase will utilize the existing construction funds that have been programmed for this project. Phase 2 will include the remainder of the project as described in the concept report.

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

DATE *10/20/08*

Angela T. Alexander
State Transportation Planning Administrator

Distribution:

- Brian Summers, P.E., Project Review Engineer
- Glen S. Bowman, P.E., State Environment/Location Engineer
- Keith Golden, P.E., State Traffic Safety and Design Engineer
- Angela T. Alexander, State Transportation Planning Administrator
- Angela Whitworth, State Financial Management Administrator

REVISED PROJECT CONCEPT REPORT

Klondike Road / Arabia Mountain Multi-use Trail

CSSTP-0008-00(044)

P.I. 0008044

Need and Purpose: The Turner Hill Connector of the Arabia Mountain Trail will provide a non-motorized travel alternative for the scores of existing and proposed neighborhoods along Turner Hill Rd to Arabia Mountain Park. The proposed trail will intersect with the existing Arabia Mountain Trail system thereby connecting these neighborhoods to schools, churches, Stonecrest Mall, downtown Lithonia, and Panola Mountain State Park.

This community will be the first in metropolitan Atlanta to have a shared-use path system in place before the area is fully developed. Atlanta and its suburbs were designed for the car and offer very few pedestrian and shared-use facilities. The proposed trail is a component of a shared-use path system that will provide a first quality "muscle-powered" transportation venue for this new community that will be in place when the people arrive.

Within a year, more than 900 homes are scheduled for construction along Turner Hill Rd. south of Stonecrest Mall. In addition, 250 acres of land adjacent to the proposed trail is subject to rezoning and development in the years to come. This trail and the greenspace along its edges will be a valued connection to an emerging trail system for years to come. Children will walk and bike to Murphey-Candler School, families will visit the park, and neighbors will recreate together on this trail without needing a car.

The planned Turner Hill Rd. shared-use path will connect to this trail, providing additional connectivity for area residents as Turner Hill Rd improvements are made. Previously funded phases of the Arabia Mountain Trail system will continue through Panola Mountain State Park into Rockdale County to the Monastery of the Holy Spirit. In all, thirty-five miles of trails to Martin Luther King High School, Georgia Perimeter Campus, and Stone Mountain Village are being designed and funded, all of which will connect to the proposed trail.

Project location: The project is located 100% in southeast DeKalb County, south of the Mall at Stonecrest. The project consists of constructing a twelve-foot wide concrete shared-use path between the southern terminus of Turner Hill Road to the Arabia Mountain Park and the existing Arabia Mountain shared-use path.

Description of the approved project: The project begins at the south parking lot (and future trailhead) of Arabia Mountain located approximately 500 feet south of North Goddard Road. The path will proceed northbound for approximately 2900 feet paralleling Klondike Road before crossing Klondike Road and connecting to the existing multi-use trail located on the west side of Klondike Road. The project

coincides with the existing trail traveling northbound for approximately 2200 feet to the Arabia Mountain Nature Center driveway before crossing Klondike Road for a second time. The proposed multi-use trail will then proceed generally eastbound on new location for approximately 1.88 miles before crossing McDaniel Mill Road. The proposed path will continue north along the eastern edge of the McDaniel Mill Road right-of-way for approximately 4000 feet to Rockland Road and then proceed in northeasterly direction for 1000 feet to Turner Hill Road where it will connect with the multi-use trail being developed as part of the Turner Hill Road improvement project (PI # 0006891).

The path will be constructed twelve feet wide, five inches thick, using 3000 psi concrete. The path will have a medium broomed finish and a dashed centerline stripe. The shoulders will be mulched using ground vegetative debris created during clearing. The trail surface will be pitched to either side rather than crowned to insure drainage.

PDP Classification: Major N/A Minor N/A

Federal Oversight: Full Oversight , Exempt , State Funded , or Other

Functional Classification: Pedestrian/Bike Trail

U. S. Route Number(s): N/A **State Route Number(s):** N/A **County Route Number(s):** N/A

Traffic (AADT) as shown in the approved concept:

Current Year: N/A Design Year: N/A

Proposed features to be revised:

The project is to be split into 2 phases. The overall project termini will remain the same.

Describe the revised feature(s) to be approved:

The project will be split into 2 phases. Phase 1 consists of the western most portion of the project that runs along Klondike Road. This phase will utilize the existing construction funds that have been programmed for this project. Phase 2 will include the remainder of the project as described in the concept report.

Updated traffic data (AADT):

Current Year: N/A Design Year: N/A

Programmed/ Schedule:

P.E.: 2005 R/W: 2007 Construction: 2009

V.E. Study Required? Yes X No.

Revised cost estimates (both phases):

1. Construction cost including E&C: Phase 1 \$1,651,946.48
Phase 2 \$2,251,890.83
2. Right-of-way: \$0
3. Utilities: \$10,000

Is the project located in a Non-attainment area? X Yes No.

This project is a non-capacity adding project. The Arabia Mountain Multi- Use Trail proposes to connections to existing trails and the Arabia Mountain Nature Center

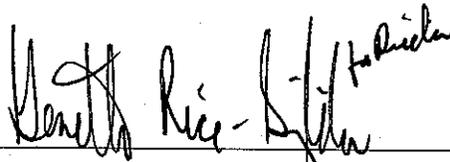
Recommendation: It is recommended that this revised concept report be approved and a new project be established for Phase 2.

Attachments:

1. Sketch Map
2. Cost Estimates

Exempt projects

Concur:



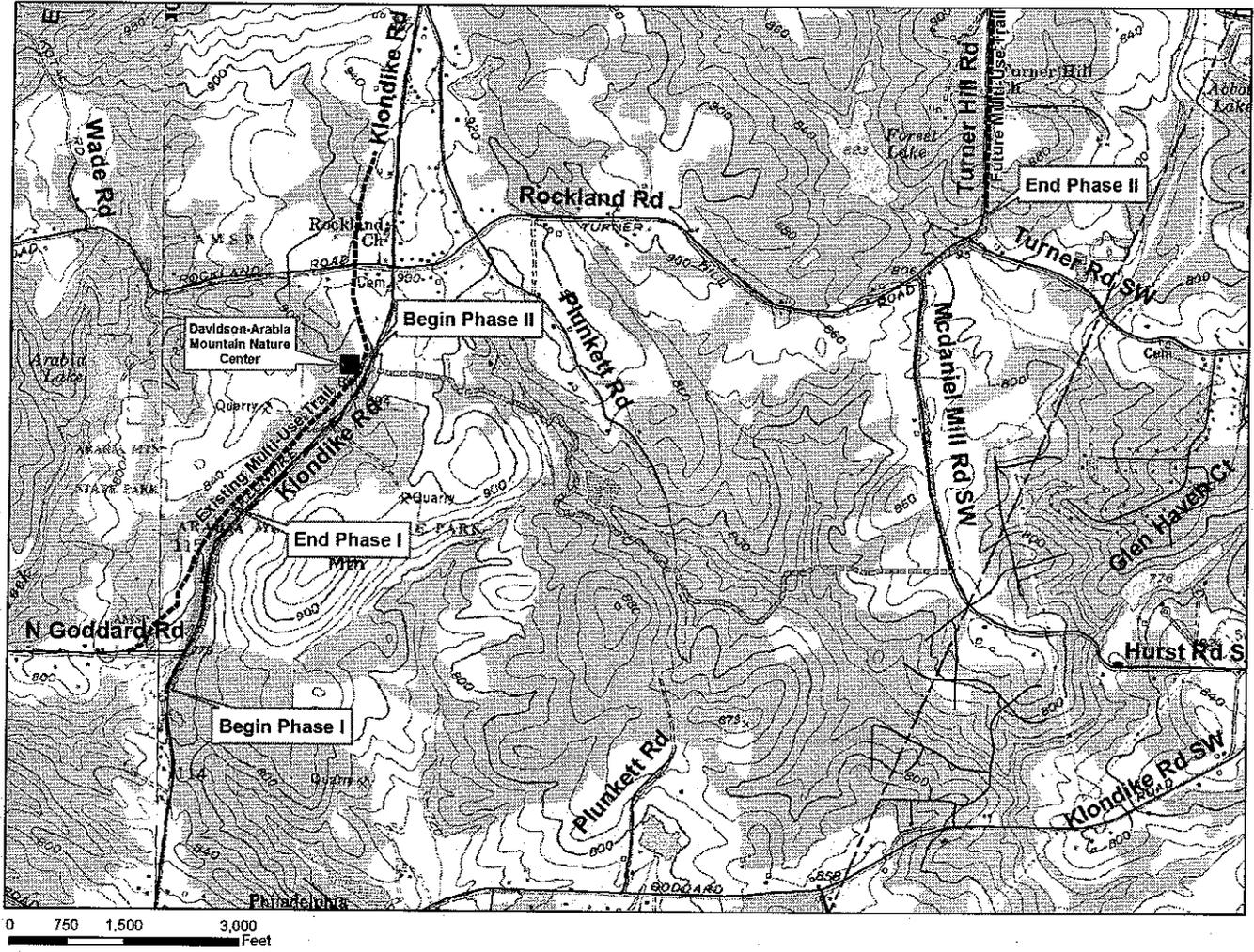
Director of Preconstruction

Approve:



Chief Engineer

INSET LOCATION MAP



Estimate Report for file "Klondike Bike-Ped Trail Ph. 2"

Section ROADWAY ITEMS					
Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	60000.00	TRAFFIC CONTROL - CSSTP-0008-00(044)	60000.00
163-0232	3	AC	728.93	TEMPORARY GRASSING	2186.79
163-0240	26	TN	181.22	MULCH	4711.72
163-0300	4	EA	1807.17	CONSTRUCTION EXIT	7228.68
163-0503	4	EA	487.56	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	1950.24
163-0521	360	EA	200.00	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	72000.00
163-0530	5800	LF	2.55	CONSTRUCT AND REMOVE BALED STRAW EROSION CHECK	14790.00
165-0010	4100	LF	0.74	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	3034.00
165-0030	5800	LF	0.87	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	5046.00
165-0070	2900	LF	2.02	MAINTENANCE OF BALED STRAW EROSION CHECK	5858.00
165-0087	4	EA	124.48	MAINTENANCE OF SILT CONTROL GATE, TP 3	497.92
165-0101	4	EA	494.45	MAINTENANCE OF CONSTRUCTION EXIT	1977.80
167-1000	6	EA	1087.83	WATER QUALITY MONITORING AND SAMPLING	6526.98
167-1500	36	MO	973.27	WATER QUALITY INSPECTIONS	35037.72
171-0010	8200	LF	1.59	TEMPORARY SILT FENCE, TYPE A	13038.00
171-0030	11600	LF	3.34	TEMPORARY SILT FENCE, TYPE C	38744.00
210-0100	1	LS	300000.00	GRADING COMPLETE - CSSTP-0008-00(044)	300000.00
441-0016	470	SY	37.47	DRIVEWAY CONCRETE, 6 IN TK	17610.90
441-0105	17500	SY	26.00	CONC SIDEWALK, 5 IN	455000.00
550-1180	130	LF	36.30	STORM DRAIN PIPE, 18 IN, H 1-10	4719.00
550-4218	11	EA	629.61	FLARED END SECTION 18 IN, STORM DRAIN	6925.71
560-9000	1	LUMP	46000.00	STRUCTURAL PLATE ARCH CULVERT STR. NO. 3	46000.00
560-9000	1	LUMP	66000.00	STRUCTURAL PLATE ARCH CULVERT STR. NO. 2	66000.00
560-9000	1	LUMP	57000.00	STRUCTURAL PLATE ARCH CULVERT STR. NO. 1	57000.00
603-2181	73	SY	38.74	STN DUMPED RIP RAP, TP 3, 18 IN	2828.02
603-7000	73	SY	4.48	PLASTIC FILTER FABRIC	327.04
634-1200	192	EA	98.54	RIGHT OF WAY MARKERS	18919.68
636-1033	200	SF	19.85	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	3970.00
636-2070	728	LF	8.60	GALV STEEL POSTS, TP 7	6260.80
652-5452	2760	LF	0.18	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	496.80
652-6502	12030	GLF	0.11	SKIP TRAFFIC STRIPE, 5 IN, YELLOW	1323.30
653-0210	6	EA	113.12	THERMOPLASTIC PVMT MARKING, WORD, TP 1	678.72
653-1504	24	LF	0.60	SOLID TRAF STRIPE, 12 IN. WHITE	14.40
653-1804	362	LF	2.09	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	756.58
668-1100	1	EA	2500.00	CATCH BASIN, GP 1	2500.00
700-6910	6	AC	1022.21	PERMANENT GRASSING	6133.26
700-7000	18	TN	59.39	AGRICULTURAL LIME	1069.02
700-7010	15	GL	21.47	LIQUID LIME	322.05
700-8000	2	TN	291.02	FERTILIZER MIXED GRADE	582.04
700-8100	290	LB	2.40	FERTILIZER NITROGEN CONTENT	696.00
716-2000	5900	SY	1.09	EROSION CONTROL MATS, SLOPES	6431.00

900-0526	12	EA	250.00	BOLLARDS	3000.00
999-0001	1600	LF	500.00	BOARDWALK	800000.00
Section Sub Total:					\$2,082,192.17

Total Estimated Cost: \$2,082,192.17

Subtotal Construction Cost		\$2,082,192.17
E&C Rate 5.0 %		\$104,109.61
Contingency @ 3.0 %		\$65,589.05
Total Construction Cost		\$2,251,890.83
Right Of Way		\$0.00
ReImb. Utilities		\$0.00
Grand Total Project Cost		\$2,251,890.83

Estimate Report for file Klondike Mutli-Use Trail Phase 1

Section Board Walk

Item Number	Quantity	Units	Unit Price	Item Description	Cost
000-0000	2570	LF	500.00	BOARDWALK (PRESSURE TREATED)	1285000.00
Section Sub Total:					\$1,285,000.00

Section Erosion Control

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	4	AC	728.93	TEMPORARY GRASSING	2915.72
163-0240	68	TN	181.22	MULCH	12322.96
163-0300	2	EA	1807.17	CONSTRUCTION EXIT	3614.34
163-0521	5	EA	200.00	CONSTRUCT AND REMOVE TEMPORARY DITCH CHECKS	1000.00
165-0010	3155	LF	0.74	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	2334.70
167-1000	2	EA	1087.83	WATER QUALITY MONITORING AND SAMPLING	2175.66
167-1500	12	MO	973.27	WATER QUALITY INSPECTIONS	11679.24
171-0010	6310	LF	1.59	TEMPORARY SILT FENCE, TYPE A	10032.90
700-6910	7	AC	1022.21	PERMANENT GRASSING	7155.47
700-7000	7	TN	59.39	AGRICULTURAL LIME	415.73
700-7010	18	GL	21.47	LIQUID LIME	386.46
700-8000	1	TN	291.02	FERTILIZER MIXED GRADE	291.02
700-8100	350	LB	2.40	FERTILIZER NITROGEN CONTENT	840.00
716-2000	100	SY	1.09	EROSION CONTROL MATS, SLOPES	109.00
Section Sub Total:					\$55,273.20

Section Roadway

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	50000.00	TRAFFIC CONTROL - CSSTP-0008-00(044)	50000.00
210-0100	1	LS	120000.00	GRADING COMPLETE - CSSTP-0008-00(044)	120000.00
310-1101	2	TN	21.59	GR AGGR BASE CRS, INCL MATL	43.18
441-0105	470	SY	26.00	CONC SIDEWALK, 5 IN	12220.00
900-0526	6	EA	250.00	BOLLARDS	1500.00
Section Sub Total:					\$183,763.18

Section Signing and Marking

Item Number	Quantity	Units	Unit Price	Item Description	Cost
636-1033	46	SF	19.85	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	913.10
636-2070	150	LF	8.60	GALV STEEL POSTS, TP 7	1290.00
652-0094	2	EA	56.77	PAVEMENT MARKING, SYMBOL, TP 4	113.54
652-5452	80	LF	0.18	SOLID TRAFFIC STRIPE, 5 IN, YELLOW	14.40
652-6502	2800	GLF	0.11	SKIP TRAFFIC STRIPE, 5 IN, YELLOW	308.00
652-9001	2	SY	2.07	TRAFFIC STRIPE, WHITE	4.14
653-0210	6	EA	113.12	THERMOPLASTIC PVMT MARKING, WORD, TP 1	678.72
653-1804	48	LF	2.09	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	100.32
Section Sub Total:					\$3,422.22

Total Estimated Cost: \$1,527,458.60

Subtotal Construction Cost \$1,527,458.60

Engineering @ 5.0 % \$76,372.93

Contingency @ 3.0 % \$48,114.95

Total Construction Cost \$1,651,946.48

Right Of Way \$0.00

ReImb. Utilities \$10,000.00

Grand Total Project Cost \$1,661,946.48