

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0008268, DeKalb County **OFFICE** Preconstruction
CSSTP-0008-00(268)
Flat Shoals Road, Henderson Road,
and Salem Road Sidewalks **DATE** July 25, 2008

FROM  Genetha Rice-Singleton, Assistant Director of Preconstruction

TO  SEE DISTRIBUTION

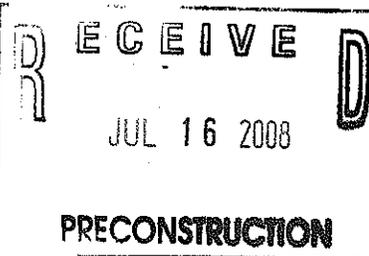
SUBJECT APPROVED REVISED PROJECT CONCEPT REPORT

Attached for your files is the approval for subject project.

Attachment

DISTRIBUTION:

Brian summers
Glenn Bowman
Ken Thompson
Michael Henry
Keith Golden
Bryant Poole
Angela Alexander
Paul Liles
Mike Lobdell
BOARD MEMBER



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

File: CSSTP-0008-00(268), DeKalb County
P.I. No. 0008268

Office: District Seven
Chamblee
Date: June 11, 2008

From: Mike Lobdell, P.E., District 7 Preconstruction 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 changes proposed as part of this revised concept include a reduction in the project length. The original concept report included six corridors, but this revised concept report includes only the three that are among DeKalb County's highest priority corridors. The three corridors to remain are along busy school routes, which was an influential factor for the funding. Some sections of the project have recently been improved by private developments and have partially satisfied the need and purpose on those corridors. Additionally, escalation in construction costs and right-of-way costs have made the programmed funds available inadequate to construct all six corridors.

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).

Should you need additional information, please contact Scott Lee, District Design Engineer, (slee@dot.ga.gov) or Jon D. Griffith, P.E., (jogriffith@dot.ga.gov) at District Seven, 770-986-1257.

Date: 7/15/08


State Transportation Planning Administrator

Distribution:

- Brian Summers – State Project Review Engineer
- Glenn Bowman - State Environment/Location Engineer
- Keith Golden - State Traffic Safety and Design Engineer
- Angela Alexander - State Transportation Planning Administrator
- Jamie Simpson - State Transportation Financial Management Administrator

REVISED PROJECT CONCEPT REPORT

Need and Purpose:

The purpose of this project is to provide a continuous and ADA compliant sidewalk system along the following six roadway segments: Bouldercrest Road from Clifton Church Road to the Atlanta City limits, Flat Shoals Road from Second Avenue to Candler Road, Frazier Road from Lawrenceville Highway to LaVista Road, Henderson Road from Henderson Mill road to LaVista Road, McAfee Road from Second Avenue to Candler Road and Salem Road from Panola Road to Fannin Drive. This is accomplished by connecting existing sidewalk segments with curb and gutter along with sidewalks on both sides of the above mentioned project corridors thus providing connectivity and accessibility to nearby schools, churches, malls and MARTA bus routes. The construction of ADA compliant ramps and crosswalks along existing segments of sidewalks would provide further enhancements along these corridors. Providing a safer and continuous sidewalk system would encourage greater pedestrian usage within this area of DeKalb County.

DeKalb County is requesting the Georgia Department of Transportation project number CSSTP-0008-00(268) in DeKalb County, Georgia be separated into four (4) different phases as identified in the following table:

Phase	Corridor(s)	Project Length
1	Bouldercrest Road OMIT	3.0 miles
2	Flat Shoals Road ✓ McAfee Road OMIT	4.2 miles 1.50 miles
3	Frazier Road OMIT Henderson Road ✓	3.0 miles 2.0 miles
4	Salem Road ✓	0.5 miles

Project location:

The total project length is 10.8 miles. The six corridors are in various parts of DeKalb County, adjacent to schools, churches, malls and MARTA stops. Bouldercrest Road, Flat Shoals Road, and McAfee Road corridors are in southwest DeKalb, inside I-285. Henderson Road is northwest of Tucker in North DeKalb just outside I-285. Salem Road is in Southeast DeKalb County, south of I-20. Frazier Road is in central DeKalb County, inside I-285.

Description of the approved concept:

PDP Classification: Major _____ Minor X

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

Functional Classification:

U. S. Route Number(s): N/A **State 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 following features, which are included in the approved concept report, are to be revised.

- Project location: Three of the corridors have been removed from the project, changing the total project length from 10.8 miles to 5.5 miles. The three corridors to be constructed are Henderson Road, Salem Road, and Flat Shoals Road.
- Project cost: The construction cost estimate has been changed from \$6.98M to ~~\$4.07M~~ **3.9M**.

All other design aspects remain unchanged.

Describe the revised feature(s) to be approved:

- The changes proposed as part of this revised concept include a change in the project length. The original concept report included six corridors, but this revised concept report includes only the three that are among of DeKalb County's highest priority corridors. These three corridors to remain are along busy school routes, which was an influential factor for the funding. Some sections of the project have recently been improved by private developments and have partially satisfied the need and purpose on those corridors. Additionally, escalation in construction costs and right-of-way costs have made the programmed funds available inadequate to construct all six corridors.

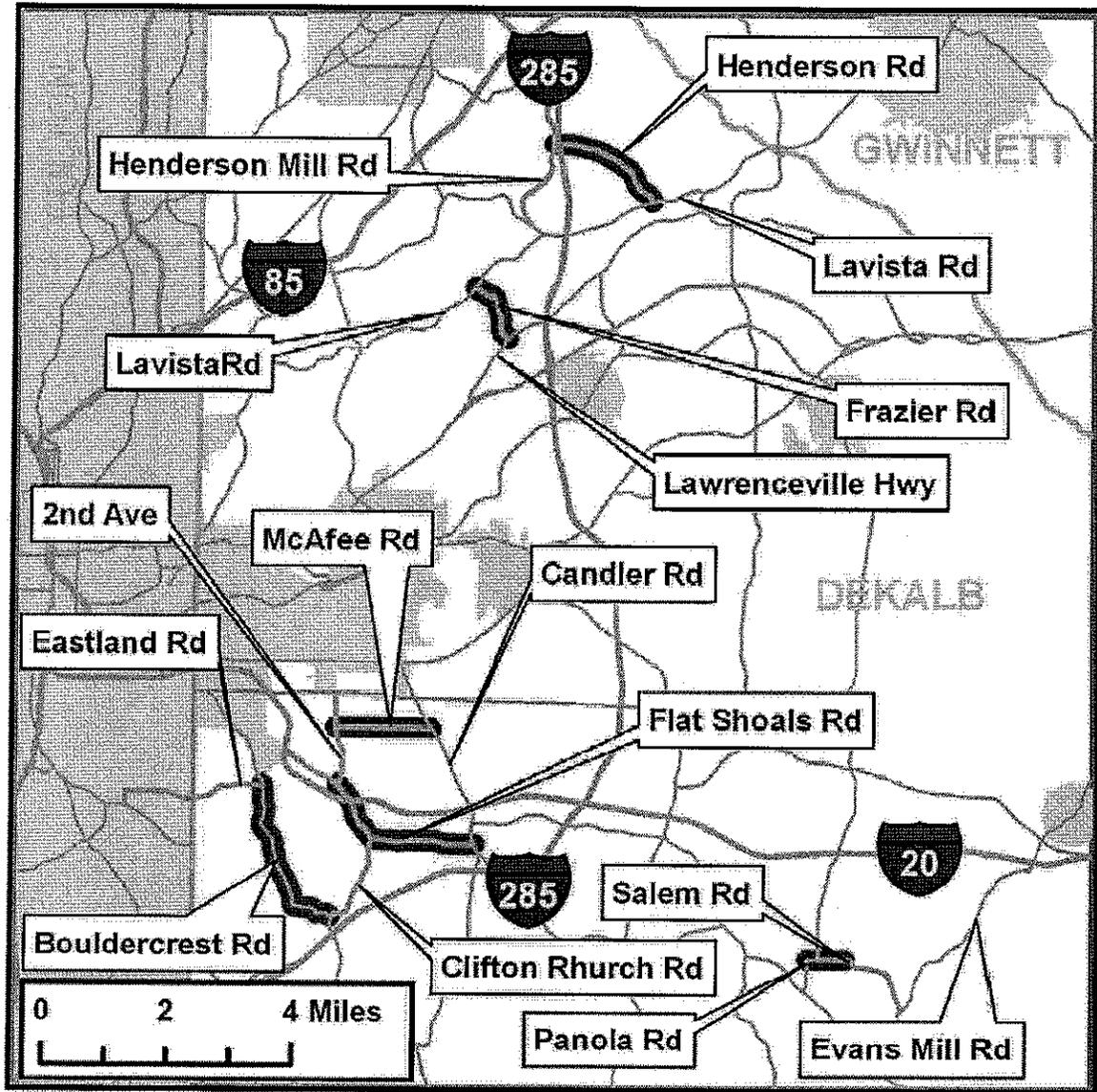
Updated traffic data (AADT):

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

Programmed/Schedule:

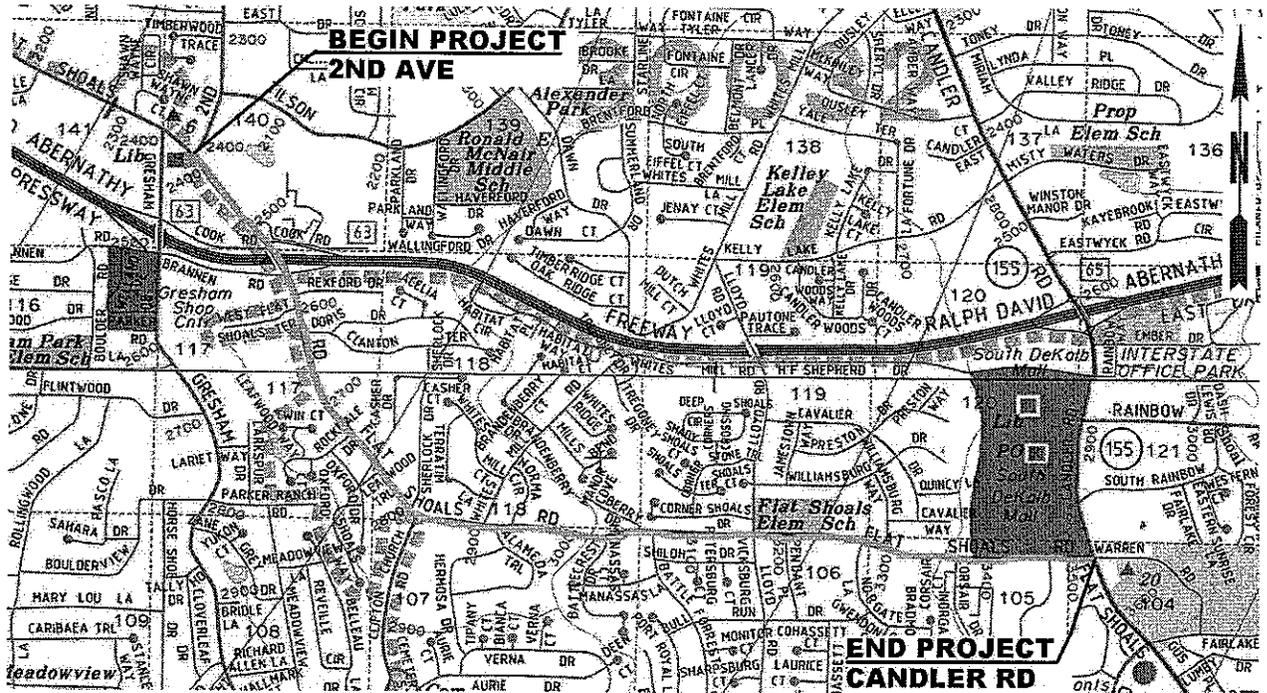
P.E. 2006 R/W: ~~2008~~ **LOCAL** Construction: ~~2009~~ **2010 (PROPOSED)**

VE Study Required Yes() No(**X**)



**Attachment 1:
Sketch Map**

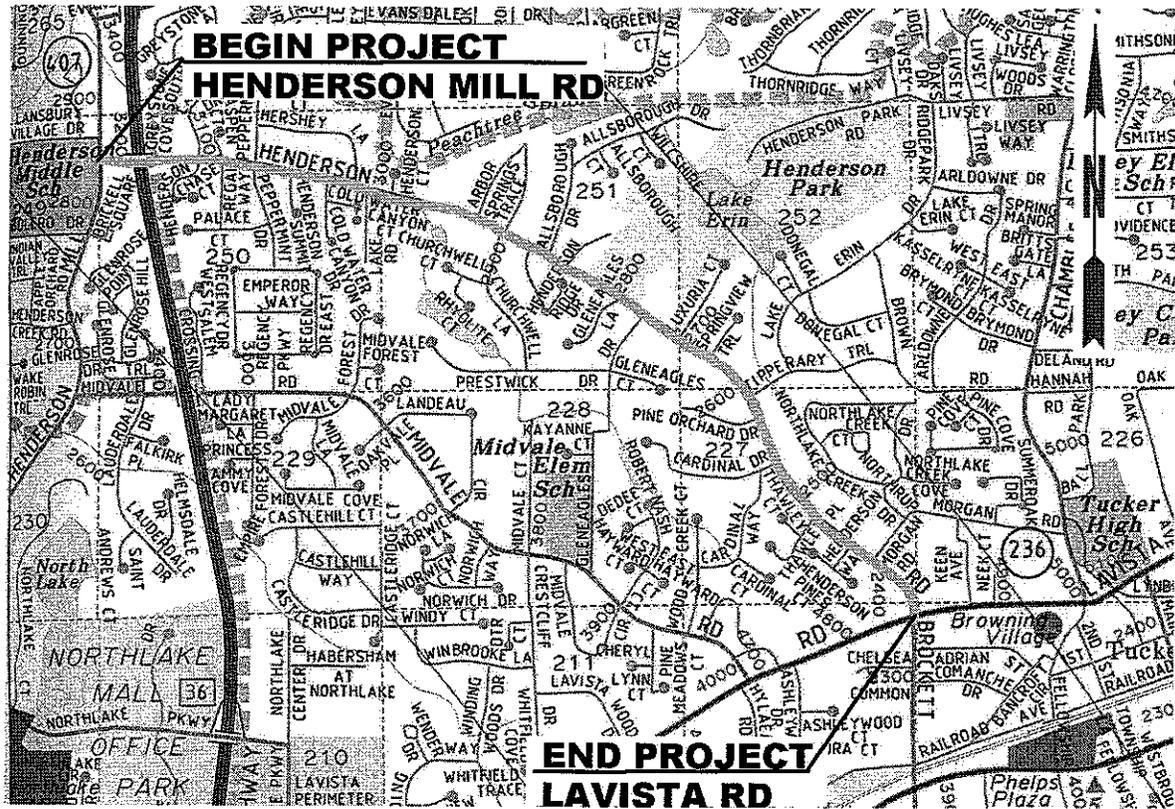
Flat Shoals Road



Frazier Road



Henderson Road



McAfee Road



Salem Road



Project No:
 DATE: MAY 2007

Client: DEKALB COUNTY
 Client Project No. FLAT SHOALS ✓
 Description: 18 COUNTY SIDEWALK IMPROVEMENT
 Work Order No.

Length of Construction 1.5 miles

CONSTRUCTION COST ESTIMATE

Item No.	ITEMS:	Unit	Qty	Price	Cost
ROADWAY ITEMS					
150-1000	TRAFFIC CONTROL -	LS	1	\$30,000.00	\$30,000
207-0203	FOUND BKFFILL MATL, TP II	CY	600	\$50.00	\$30,000
210-0100	GRADING COMPLETE	LS	1	\$230,000.00	\$230,000
310-1101	GR AGGR BASE CRS, INCL MATL	TN	252	\$24.00	\$6,048
402-3112	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	47	\$90.00	\$4,230
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	189	\$90.00	\$17,010
402-3140	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL	TN	29	\$100.00	\$2,900
413-1000	BITUM TACK COAT	GL	15	\$2.25	\$34
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	402	\$50.00	\$20,100
441-0104	CONC SIDEWALK, 4 IN	SY	3,757	\$38.00	\$142,766
441-4020	CONC VALLEY GUTTER, 6 IN	SY	1,511	\$50.00	\$75,550
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	8,027	\$30.00	\$240,810
441-7012	CURB CUT WHEELCHAIR RAMP, TYPE B	EA	14	\$600.00	\$8,400
441-7014	CURB CUT WHEELCHAIR RAMP, TYPE D	EA	27	\$600.00	\$16,200
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	131	\$250.00	\$32,750
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	5,800	\$55.00	\$319,000
550-4218	FLARED END SECTION 18 IN, STORM DRAIN	EA	15	\$670.00	\$10,050
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	5	\$550.00	\$2,750
611-8040	ADJUST DROP INLET TO GRADE	EA	5	\$950.00	\$4,750
634-1200	RIGHT OF WAY MARKERS	EA	109	\$95.00	\$10,355
641-1200	GUARDRAIL, TP W	LF	500	\$20.00	\$10,000
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	2	\$650.00	\$1,300
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	2	\$2,500.00	\$5,000
668-1100	CATCH BASIN, GP 1	EA	34	\$2,500.00	\$85,000
SIGN & STRIPING					
611-5551	RESET SIGN	EA	10	\$150.00	\$1,500
636-1032	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 9	SF	250	\$25.00	\$6,250
636-2070	GALV STEEL POSTS, TP 7	LF	360	\$8.00	\$2,880
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	6702	\$2.00	\$13,404
EROSION CONTROL - PERMANENT					
163-0232	TEMPORARY GRASSING	AC	1	\$1,500.00	\$1,500
163-0240	MULCH	TN	25	\$85.00	\$2,125
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	160	\$60.00	\$9,600
700-6910	PERMANENT GRASSING	AC	2	\$1,800.00	\$3,200
700-7000	AGRICULTURAL LIME	TN	6	\$60.00	\$360
700-7010	LIQUID LIME	GL	5	\$20.00	\$100
700-8000	FERTILIZER MIXED GRADE	TN	1	\$475.00	\$475
700-8100	FERTILIZER NITROGEN CONTENT	LB	86	\$3.00	\$258
EROSION CONTROL - TEMPORARY					
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	34	\$325.00	\$11,050
165-0020	MAINTENANCE OF TEMPORARY SILT FENCE, TP B	LF	3919	\$1.00	\$3,919
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	17	\$150.00	\$2,550
171-0020	TEMPORARY SILT FENCE, TYPE B	LF	7838	\$2.00	\$15,676

ROADWAY SUBTOTAL = 1,412,153

ENGINEERING @ 5% 70,608
 CONTINGENCY @ 6% 88,965

TOTAL CONST COST - \$1,571,726

Project No:
DATE: MAY 2007

Client: DEKALB COUNTY
Client Project No. SALEM ROAD ✓
Description: 18 COUNTY SIDEWALK IMPROVEMENT
Work Order No.

Length of Construction 0.47 miles

CONSTRUCTION COST ESTIMATE

Item No.	ITEMS:	Unit	Qty	Price	Cost
ROADWAY ITEMS					
150-1000	TRAFFIC CONTROL -	LS	1	\$15,000.00	\$15,000
207-0203	FOUND BK FILL MATL, TP II	CY	148	\$40.00	\$5,920
210-0100	GRADING COMPLETE	LS	1	\$70,000.00	\$70,000
310-1101	GR AGGR BASE CRS, INCL MATL	TN	60	\$24.00	\$1,440
402-3112	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	11	\$90.00	\$990
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	45	\$90.00	\$4,050
402-3140	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL	TN	7	\$100.00	\$700
413-1000	BITUM TACK COAT	GL	4	\$2.25	\$9
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	180	\$50.00	\$9,000
441-0104	CONC SIDEWALK, 4 IN	SY	1,503	\$38.00	\$57,114
441-4020	CONC VALLEY GUTTER, 6 IN	SY	115	\$50.00	\$5,750
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	2,264	\$30.00	\$67,920
441-7012	CURB CUT WHEELCHAIR RAMP, TYPE B	EA	16	\$600.00	\$9,600
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	31	\$250.00	\$7,750
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	1,700	\$55.00	\$93,500
550-4218	FLARED END SECTION 18 IN, STORM DRAIN	EA	5	\$670.00	\$3,350
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	1	\$550.00	\$550
611-8040	ADJUST DROP INLET TO GRADE	EA	2	\$950.00	\$1,900
634-1200	RIGHT OF WAY MARKERS	EA	20	\$95.00	\$1,900
668-1100	CATCH BASIN, GP 1	EA	11	\$2,500.00	\$27,500
SIGN & STRIPING					
611-5551	RESET SIGN	EA	5	\$150.00	\$750
636-1031	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 6	SF	45	\$25.00	\$1,125
636-2070	GALV STEEL POSTS, TP 7	LF	50	\$8.00	\$400
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	2000	\$2.00	\$4,000
EROSION CONTROL - PERMANENT					
163-0232	TEMPORARY GRASSING	AC	1	\$1,500.00	\$1,500
163-0240	MULCH	TN	7	\$85.00	\$595
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	50	\$60.00	\$3,000
700-6910	PERMANENT GRASSING	AC	1	\$1,600.00	\$1,600
700-7000	AGRICULTURAL LIME	TN	2	\$60.00	\$120
700-7010	LIQUID LIME	GL	2	\$20.00	\$40
700-8000	FERTILIZER MIXED GRADE	TN	1	\$475.00	\$475
700-8100	FERTILIZER NITROGEN CONTENT	LB	24	\$3.00	\$72
EROSION CONTROL - TEMPORARY					
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	11	\$325.00	\$3,575
165-0020	MAINTENANCE OF TEMPORARY SILT FENCE, TP B	LF	1361	\$1.00	\$1,361
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	6	\$150.00	\$900
171-0020	TEMPORARY SILT FENCE, TYPE B	LF	2722	\$2.00	\$5,444

ROADWAY SUBTOTAL = \$408,900

ENGINEERING @ 5% 20,445

CONTINGENCY @ 6% 25,760

TOTAL CONST COST \$455,105

Project No:
DATE: MAY 2007

Client: DEKALB COUNTY
Client Project No. HENDERSON ROAD ✓
Description: 18 COUNTY SIDEWALK IMPROVEMENT
Work Order No.

Length of Construction 2.0 miles

CONSTRUCTION COST ESTIMATE

Item No.	ITEMS:	Unit	Qty	Price	Cost
ROADWAY ITEMS					
150-1000	TRAFFIC CONTROL -	LS	1	\$35,000.00	\$35,000
207-0203	FOUND BK FILL MATL, TP II	CY	830	\$40.00	\$33,200
210-0100	GRADING COMPLETE	LS	1	\$250,000.00	\$250,000
310-1101	GR AGGR BASE CRS, INCL MATL	TN	200	\$24.00	\$4,800
402-3112	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	40	\$90.00	\$3,600
402-3121	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM	TN	40	\$90.00	\$3,600
402-3140	RECYCLED ASPH CONC 9.5 MM SUPERPAVE, GP 1 OR 2, INCL	TN	40	\$100.00	\$4,000
413-1000	BITUM TACK COAT	GL	10	\$2.25	\$23
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY	400	\$50.00	\$20,000
441-0104	CONC SIDEWALK, 4 IN	SY	7,053	\$38.00	\$268,014
441-4020	CONC VALLEY GUTTER, 6 IN	SY	832	\$50.00	\$41,600
441-6012	CONC CURB & GUTTER, 6 IN X 24 IN, TP 2	LF	9,034	\$30.00	\$271,020
441-7012	CURB CUT WHEELCHAIR RAMP, TYPE B	EA	16	\$600.00	\$9,600
500-9999	CLASS B CONC, BASE OR PVMT WIDENING	CY	20	\$250.00	\$5,000
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	8,700	\$55.00	\$478,500
550-4218	FLARED END SECTION 18 IN, STORM DRAIN	EA	25	\$670.00	\$16,750
611-8140	ADJUST WATER VALVE BOX TO GRADE	EA	10	\$550.00	\$5,500
611-8040	ADJUST DROP INLET TO GRADE	EA	10	\$950.00	\$9,500
634-1200	RIGHT OF WAY MARKERS	EA	55	\$95.00	\$5,225
641-1200	GUARDRAIL, TP W	LF	500	\$20.00	\$10,000
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	2	\$650.00	\$1,300
641-5012	GUARDRAIL ANCHORAGE, TP 12	EA	2	\$2,500.00	\$5,000
668-1100	CATCH BASIN, GP 1	EA	57	\$2,500.00	\$142,500
SIGN & STRIPING					
611-5551	RESET SIGN	EA	10	\$150.00	\$1,500
636-1032	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 9	SF	250	\$25.00	\$6,250
636-2010	GALV STEEL POSTS, TP 1	LF	600	\$8.00	\$4,800
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	4962	\$2.00	\$9,924
EROSION CONTROL - PERMANENT					
163-0232	TEMPORARY GRASSING	AC	2	\$1,500.00	\$3,000
163-0240	MULCH	TN	63	\$85.00	\$5,355
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	63	\$60.00	\$3,780
700-6910	PERMANENT GRASSING	AC	4	\$1,600.00	\$6,400
700-7000	AGRICULTURAL LIME	TN	13	\$60.00	\$780
700-7010	LIQUID LIME	GL	10	\$20.00	\$200
700-8000	FERTILIZER MIXED GRADE	TN	1	\$475.00	\$475
700-8100	FERTILIZER NITROGEN CONTENT	LB	218	\$3.00	\$654
EROSION CONTROL - TEMPORARY					
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	57	\$325.00	\$18,525
165-0020	MAINTENANCE OF TEMPORARY SILT FENCE, TP B	LF	6450	\$1.00	\$6,450
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	29	\$150.00	\$4,350
171-0020	TEMPORARY SILT FENCE, TYPE B	LF	12900	\$2.00	\$25,800

ROADWAY SUBTOTAL = \$1,721,975

85,649
ENGINEERING @ 5% - \$85,649
CONSTRUCTION @ 6% - 107,917

TOTAL PROJECT COST - \$1,906,541