ORIGINAL TO GENERAL FILES

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0007131 & 0002405, DeKalb County
CSHPP-0007-00(131), STP00-0002-00(405)
SR 10/Memorial Drive Streetscapes- Phase 3

OFFICE Preconstruction

DATE July 6, 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
Rachel Brown
Paul Liles
Mike Lobdell
Scott Lee
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE CSHPP-0007-00(131) and STP-00-0002-00(405), DeKalb County
P.I. No. 0007131 and 0002405
SR 10/Memorial Drive Streetscaping Phase 3

OFFICE District 7
DATE May 18, 2009

FROM: Rachel Brown, Metro District 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 to the concept are a reduction in the shoulder width from 16 feet to 14 feet per the approved Value Engineering recommendation.

The project is scheduled for letting in August 2009.

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 6/9/09

State Transportation Planning Administrator

Distribution:

- For those concepts prepared in the District:
  Ronald E. Wishon, Project Review Engineer
  Glenn S. Bowman, State Environment/Location Engineer
  Keith Golden, State Traffic Safety and Design Engineer
  Angela T Alexander, State Transportation Planning Administrator
  Angela Whitworth, State Transportation Financial Management Administrator
  Paul Liles, State Bridge Design Engineer (only for those projects that involve structures)

RECEIVED
JUN 10 2009

REVISED PROJECT CONCEPT REPORT

Need and Purpose:
The purpose of this proposed project is to increase pedestrian safety and provide aesthetic streetscaping improvements along Memorial Drive (SR10). Memorial Drive is a multi-lane urban arterial running primarily east west in DeKalb County, Georgia. The proposed project consists of construction of sidewalks, landscaping, pedestrian lighting, benches or bus shelters, and other pedestrian amenities to improve safety for residents and area businesses. Minor traffic management improvements such as extending left turn and right turn lanes, adding right turn lanes, and installing raised concrete islands are also included to help reduce automobile idle time and thus have a positive effect on air quality.

There are currently well-worn paths along both sides of Memorial Drive in the majority of the project area, indicating heavy pedestrian traffic. The proposed sidewalks will provide residents with expeditious access to commercial activities in the area, as well as more direct, convenient access to the existing MARTA bus stops along Memorial Drive. Georgia Perimeter College, DeKalb College and extensive strip commercial developments are also located along the general project corridor. The addition of sidewalks and other improvements in this area will make pedestrian activity safer and provide a more attractive landscape. Increases in use of public transportation will have a positive effect on air quality.

The traffic accident data available at the time the Concept was originally approved (2000, 2001 and 2002 accident data) illustrated the accident and injury rate along Memorial Drive exceeded the statewide average for an urban arterial. There were eleven pedestrian-related crashes, including 1 fatality, during the three-year period. Six of the pedestrian-related accidents occurred at signalized intersections. The pedestrian fatality occurred mid-block, just east of Emerald Ridge.

Project location:
This project is located on Memorial Dr / SR 10 in DeKalb County, Georgia. The project begins at Woodcroft Drive, approx. milepost 8.22, and extends to approximately 520 feet east of Goldsmith Road, approx. milepost 11.67, for a project length of approximately 3.47 miles along the project centerline.

Description of the approved concept:
The proposed project is located on Memorial Drive (SR10) in DeKalb County, Georgia. The project will include aesthetic streetscape improvements, sidewalks that meet current American with Disabilities Act requirements and minor traffic management improvements at key intersections. Traffic management improvements consist of adding right turn lanes, increasing queue lengths for existing left and right turn lanes, and adding raised concrete islands.

Streetscape improvements for the project include the design of several elements that will

enhance the appearance of the corridor. These improvements include street tree planting, street furniture and bus stop seating, and ornamental pedestrian lighting.

The existing right-of-way ranges from 105 to 170 feet.

Queue lengths for existing left turn lanes on Memorial Drive will be increased eastbound and westbound at Memorial College Drive and eastbound at Stonemont Village. Queue lengths for existing right turn lanes on Memorial Drive will be increased westbound at Stonemont Village and eastbound at Lauren Parkway. New right turn lanes will be constructed on Memorial Drive westbound at Emerald Ridge, eastbound at Summit Ridge Drive, eastbound at West Mountain Street, eastbound at Memorial Drive, and westbound at Goldsmith Road. The existing eastbound right-hand-off slip lane to JBR Memorial Drive will be eliminated, and replaced with a conventional right-turn lane.

PDP Classification: Major_____ Minor____X_____

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

Functional Classification: Urban Minor Arterial

U. S. Route Number(s): N/A **State Route Number(s):** 10

Traffic (AADT) as shown in the approved concept:
Current Year: 49,000 (2009) Design Year: 64,000 (2029)

Proposed features to be revised:

The approved typical section(s) consist of the following:

- Six 11' lanes
- 3'-4' concrete raised median
- One/Two 11-12' left turn lanes
- 16' shoulders with curb and gutter, including 2' stamped concrete strip, 6' sidewalk and 5.5' planting strip from Memorial College Avenue to Goldsmith Road. 20' shoulders with curb and gutter, including 2' stamped concrete strip, 10' sidewalk and 5.5' planting strip from Woodcroft Drive to Memorial College Avenue.

Describe the revised feature(s) to be approved:
The shoulder width of the typical sections from Memorial College Drive to Goldsmith Road were reduced from 16' to 14' as an approved VE recommendation.

The revised typical section(s) consist of the following:

- Six 11' lanes
- 3'-4' concrete raised median
- One/Two 11-12' left turn lanes
- 14' shoulders with curb and gutter, including 2' stamped concrete strip, 6' sidewalk and 3.5' planting strip from Memorial College Avenue to Goldsmith Road. 20' shoulders

with curb and gutter, including 2' stamped concrete strip, 10' sidewalk and 5.5' planting strip from Woodcroft Drive to Memorial College Avenue.

Updated traffic data (AADT):

Current Year: 49,500 (2012) Design Year: 66,500 (2032)

Programmed/Schedule:

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

VE Study Required: Yes(X) No( )
VE Study was conducted in January 2009.

Revised cost estimates:

1.	Construction cost including inflation and E&C	$ 14,458,974
2.	Right-of-Way	$ 590,000
3.	Utilities	$ 679,000

Is the project located in a Non-attainment area? ....X.... Yes ..... No.
The project will not add any through lanes or length to the location shown in the plan model.

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

Attachments:

1. Sketch Map,
2. Cost Estimate

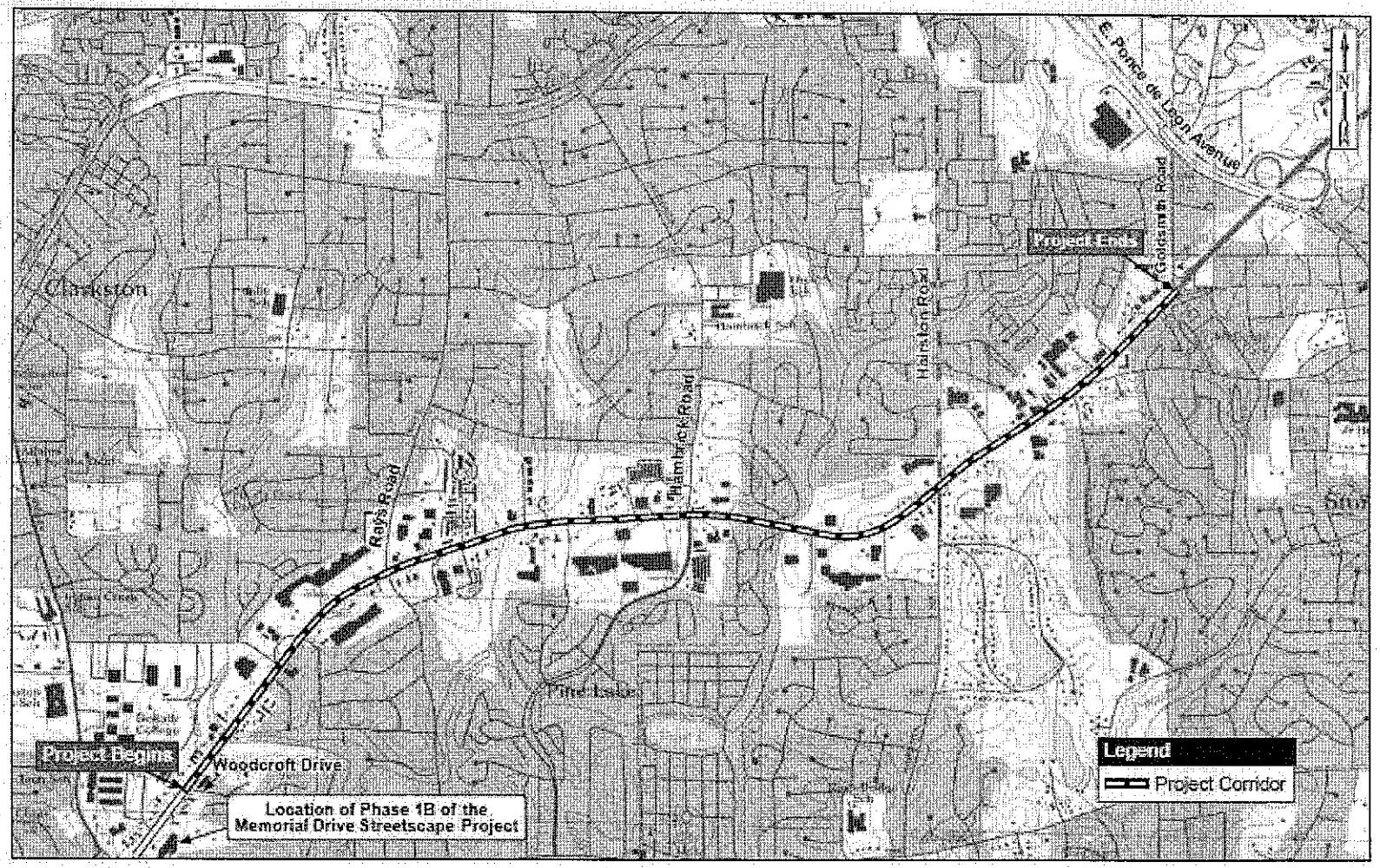
- **Exempt projects**

Concur: _____ for Director of Preconstruction

Approve: _____ Chief Engineer

CSHPP-0007-00(131)
DeKalb County
P.I. No.0007131

SR 10/Memorial Drive Streetscaping Phase 3
Project Location Map



Estimate Report for file "Memorial Dr Ph 3, PI 0007131"

Section ROADWAY ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
150-1000	1	LS	250000.00	TRAFFIC CONTROL -	250000.00
207-0203	70	CY	100.00	FOUND BKFILL MATL, TP II	7000.00
210-0100	1	LS	1900000.00	GRADING COMPLETE -	1900000.00
310-1101	9200	TN	40.00	GR AGGR BASE CRS, INCL MATL	368000.00
318-3000	690	TN	21.00	AGGR SURF CRS	14490.00
402-1812	4400	TN	68.09	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME	299596.00
402-3121	2100	TN	62.68	RECYCLED ASPH CONC 25 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME	131628.00
402-3130	3700	TN	62.42	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME	230954.00
402-3190	1800	TN	60.47	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2,INCL BITUM MATL & H LIME	108846.00
413-1000	1750	GL	2.25	BITUM TACK COAT	3937.50
432-0206	26000	SY	1.70	MILL ASPH CONC PVMT, 1 1/2 IN DEPTH	44200.00
441-0016	50	SY	39.98	DRIVEWAY CONCRETE, 6 IN TK	1999.00
441-0018	800	SY	44.46	DRIVEWAY CONCRETE, 8 IN TK	35568.00
441-0104	3700	SY	35.00	CONC SIDEWALK, 4 IN	129500.00
441-0140	1700	SY	52.00	STAMPED CONCRETE MEDIAN, 4 IN, COLORED	88400.00
441-0748	3800	SY	58.00	STAMPED CONCRETE MEDIAN, 6 IN , COLORED	220400.00
441-4030	1400	SY	43.86	CONC VALLEY GUTTER, 8 IN	61404.00
441-5002	700	LF	28.00	CONCRETE HEADER CURB, 6 IN, TP 2	19600.00
441-6222	1200	LF	22.00	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	26400.00
446-1100	6700	LF	2.44	PVMT REINF FABRIC STRIPS, TP 2, 18 INCH WIDTH	16348.00
500-9999	40	CY	209.50	CLASS B CONC, BASE OR PVMT WIDENING	8380.00
550-1150	210	LF	49.93	STORM DRAIN PIPE, 15 IN, H 1-10	10485.30
550-1180	120	LF	90.00	STORM DRAIN PIPE, 18 IN, H 1-10	10800.00
550-1240	200	LF	110.00	STORM DRAIN PIPE, 24 IN, H 1-10	22000.00
550-1360	40	LF	80.97	STORM DRAIN PIPE, 36 IN, H 1-10	3238.80
611-3000	1	EA	1933.97	RECONSTR CATCH BASIN, GROUP 1	1933.97
611-3010	2	EA	1296.34	RECONSTR DROP INLET, GROUP 1	2592.68
611-3030	13	EA	2384.43	RECONSTR STORM SEW MANHOLE, TYPE 1	30997.59
611-4001	1	EA	1363.41	RECONSTR MINOR DRAINAGE STR	1363.41
611-8000	114	EA	2010.00	ADJUST CATCH BASIN TO GRADE	229140.00
611-8040	31	EA	1500.00	ADJUST DROP INLET TO GRADE	46500.00
611-8050	34	EA	1500.00	ADJUST MANHOLE TO GRADE	51000.00
634-1200	32	EA	95.00	RIGHT OF WAY MARKERS	3040.00
641-1200	358	LF	16.00	GUARDRAIL, TP W	5728.00
641-5001	4	EA	633.00	GUARDRAIL ANCHORAGE, TP 1	2532.00
641-5006	6	EA	449.14	GUARDRAIL ANCHORAGE, TP 6	2694.84
641-5012	6	EA	1770.00	GUARDRAIL ANCHORAGE, TP 12	10620.00
668-1100	12	EA	2800.00	CATCH BASIN, GP 1	33600.00
668-1110	3	LF	297.51	CATCH BASIN, GP 1, ADDL DEPTH	892.53
668-2100	10	EA	3100.00	DROP INLET, GP 1	31000.00
668-4300	1	EA	2306.54	STORM SEWER MANHOLE, TP 1	2306.54
668-4311	1	LF	321.62	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	321.62
				Section Sub Total:	**$4,469,437.78**

Section SIGNING & MARKING ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
610-6515	2	EA	73.17	REM HIGHWAY SIGN, STD	146.34
611-5360	2	EA	150.00	RESET HIGHWAY SIGN	300.00
636-1020	263	SF	13.54	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3	3561.02
636-1033	971	SF	19.85	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 9	19274.35
636-1041	286	SF	44.15	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP 9	12626.90
636-2070	2226	LF	10.00	GALV STEEL POSTS, TP 7	22260.00
636-2080	263	LF	11.00	GALV STEEL POSTS, TP 8	2893.00

636-2090	73	LF	9.25	GALV STEEL POSTS, TP 9	675.25
636-3010	16	EA	467.33	GROUND-MOUNTED BREAKAWAY SIGN SUPPORT	7477.28
636-5100	6	EA	110.50	MILEPOST SIGNS	663.00
653-0110	2	EA	60.94	THERMOPLASTIC PVMT MARKING, ARROW, TP 1	121.88
653-0120	43	EA	70.00	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	3010.00
653-0130	2	EA	93.20	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	186.40
653-0160	11	EA	84.04	THERMOPLASTIC PVMT MARKING, ARROW, TP 6	924.44
653-1501	9500	LF	0.27	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	2565.00
653-1502	36000	LF	0.26	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	9360.00
653-1704	1900	LF	3.34	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	6346.00
653-1804	14300	LF	1.95	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	27885.00
653-3501	4400	GLF	0.17	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	748.00
653-6004	1100	SY	3.40	THERMOPLASTIC TRAF STRIPING, WHITE	3740.00
653-6006	110	SY	5.50	THERMOPLASTIC TRAF STRIPING, YELLOW	605.00
654-1001	65	EA	3.63	RAISED PVMT MARKERS TP 1	235.95
654-1003	330	EA	3.70	RAISED PVMT MARKERS TP 3	1221.00
				Section Sub Total:	**$126,825.81**

Section SIGNALIZATION ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
615-1200	3040	LF	11.49	DIRECTIONAL BORE - 3 IN	34929.60
615-1200	375	LF	11.49	DIRECTIONAL BORE - 5 IN	4308.75
639-2002	1360	LF	3.83	STEEL WIRE STRAND CABLE, 3/8 IN	5208.80
639-4003	10	EA	6360.35	STRAIN POLE, TP III	63603.50
639-4004	47	EA	6200.00	STRAIN POLE, TP IV	291400.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 1	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 2	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 3	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 4	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 5	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 6	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 7	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 8	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 9	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 10	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 11	60000.00
647-1000	1	LS	60000.00	TRAFFIC SIGNAL INSTALLATION NO - 12	60000.00
647-2140	17	EA	1405.63	PULL BOX, PB-4	23895.71
682-6233	9400	LF	4.53	CONDUIT, NONMETL, TP 3, 2 IN	42582.00
935-1511	3200	LF	3.00	OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SINGLE MODE, 6 FIBER	9600.00
935-8000	1	LS	6400.00	TESTING	6400.00
				Section Sub Total:	**$1,201,928.36**

Section LANDSCAPE ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-9300	10700	SY	7.00	SOD	74900.00
702-0158	199	EA	420.00	CHIONANTHUS RETUSUS	83580.00
702-0542	233	EA	270.00	LAGERSTROEMIA INDICA -	62910.00
702-0793	106	EA	900.00	PISTACIA CHINENSIS	95400.00
702-0897	68	EA	420.00	QUERCUS NUTTALLI -	28560.00
702-0905	117	EA	420.00	QUERCUS PHELLOS -	49140.00
702-1057	233	EA	700.00	CORNUS KOUSA	163100.00
702-9020	1250	SY	5.00	MULCH	6250.00
				Section Sub Total:	**$563,840.00**

Section STREETSCAPE ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-9999	290	SY	52.00	COLOR CONCRETE BUS STOP	15080.00
500-3101	55	CY	395.19	CLASS A CONCRETE	21735.45
511-1000	31500	LB	0.89	BAR REINF STEEL	28035.00
615-1200	2000	LF	10.85	DIRECTIONAL BORE - 2 IN	21700.00
681-3600	315	EA	3500.00	LIGHTING STD SPCL DESIGN (14 FT. ORNAMENTAL PEDESTRIAN LIGHT)	1102500.00
681-4120	315	EA	3616.13	LIGHTING STD, 12 FT MH, POST TOP	1139080.95
681-6520	315	EA	450.00	LUMINAIRE, TP 5, 150 W, HP SODIUM	141750.00
682-1303	4410	LF	0.90	CABLE, TP THW, AWG NO 12	3969.00
682-1404	43630	LF	1.34	CABLE, TP XHHW, AWG NO 10	58464.20
682-1408	54920	LF	2.66	CABLE, TP XHHW, AWG NO 2	146087.20
682-6120	140	LF	13.05	CONDUIT, RIGID, 2 IN	1827.00
682-6222	32850	LF	6.87	CONDUIT, NONMETL, TP 2, 2 IN	225679.50
682-9010	4	EA	2453.33	SVC POLE RISER	9813.32
682-9021	39	EA	2176.30	ELECTRICAL JUNCTION BOX, CONC GROUND MOUNTED	84875.70
754-5000	24	EA	2300.00	BENCH	55200.00
				Section Sub Total:	**$3,055,797.32**

Section EROSION CONTROL ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
163-0232	6	AC	1100.00	TEMPORARY GRASSING	6600.00
163-0240	180	TN	186.53	MULCH	33575.40
163-0300	5	EA	1535.59	CONSTRUCTION EXIT	7677.95
163-0520	110	LF	16.64	CONSTRUCT AND REMOVE TEMPORARY PIPE SLOPE DRAIN	1830.40
163-0550	219	EA	290.00	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	63510.00
165-0010	6300	LF	1.78	MAINTENANCE OF TEMPORARY SILT FENCE, TP A	11214.00
165-0030	650	LF	3.00	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	1950.00
165-0101	15	EA	512.38	MAINTENANCE OF CONSTRUCTION EXIT	7685.70
165-0105	657	EA	83.28	MAINTENANCE OF INLET SEDIMENT TRAP	54714.96
167-1000	24	EA	1810.14	WATER QUALITY MONITORING AND SAMPLING	43443.36
167-1500	12	MO	810.98	WATER QUALITY INSPECTIONS	9731.76
171-0010	12500	LF	4.00	TEMPORARY SILT FENCE, TYPE A	50000.00
171-0030	1300	LF	4.06	TEMPORARY SILT FENCE, TYPE C	5278.00
643-8200	423	LF	3.31	BARRIER FENCE (ORANGE), 4 FT	1400.13
700-6910	12	AC	1000.00	PERMANENT GRASSING	12000.00
700-7000	17	TN	65.00	AGRICULTURAL LIME	1105.00
700-7010	43	GL	18.81	LIQUID LIME	808.83
700-8000	8	TN	400.00	FERTILIZER MIXED GRADE	3200.00
700-8100	1220	LB	2.00	FERTILIZER NITROGEN CONTENT	2440.00
716-2000	800	SY	5.00	EROSION CONTROL MATS, SLOPES	4000.00
				Section Sub Total:	**$322,165.49**

Section MAJOR STRUCTURES

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3107	102	CY	740.63	CLASS A CONCRETE, RETAINING WALL	75544.26
511-1000	22323	LB	0.89	BAR REINF STEEL	19867.47
515-2015	171	LF	40.00	GALV STEEL PIPE HANDRAIL -	6840.00
607-1000	18	CY	266.25	MORTAR RUBBLE MASONRY	4792.50
621-4021	184	LF	409.86	CONCRETE SIDE BARRIER, TYPE 2A	75414.24
				Section Sub Total:	**$182,458.47**

Total Estimated Cost: $9,922,453.23

Subtotal Construction Cost **$9,922,453.23**

E&C Rate 10.0 % $992,245.32

Inflation Rate 5.0 % @ 2 Years	$1,118,756.60
Total Construction Cost	**$12,033,455.15**
Right Of Way	$590,000.00
ReImb. Utilities	$679,000.00
Grand Total Project Cost	**$13,302,455.15**

Date 5/22/2009

P.I. Number *0007131 County DEKALB

Project Number CSHPP-0007-00(131)

Special Provision, Section 109-Measurement and Payment

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX*)

ENTER FPL DIESEL	2.056
ENTER FPM DIESEL	4.626

ENTER FPL UNLEADED	1.818
ENTER FPM UNLEADED	4.0905

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

INCREASE ADJUSTMENT
125.00%

INCREASE ADJUSTMENT
125.00%

ROADWAY ITEMS	QUANTITY	DIESEL FACTOR	GALLONS DIESEL	UNLEADED FACTOR	GALLONS UNLEADED	REMARKS
Excavations paid as specified by Sections 205 **(CUBIC YARD)**		0.29		0.15		
Excavations paid as specified by Sections 206 **(CUBIC YARD)**		0.29		0.15		
GAB paid as specified by the ton under Section 310 **(TON)**	9200.000	0.29	2668.00	0.24	2208.00	
Hot Mix Asphalt paid as specified by the ton under Sections 400 **(TON)**		2.90		0.71		
Hot Mix Asphalt paid as specified by the ton under Sections 402 **(TON)**	12000.000	2.90	34800.00	0.71	8520.00	
PCC Pavement paid as specified by the square yard under Section 430 **(SY)**		0.25		0.20		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS
Bridge Excavation (CY) Section 211				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Class __Concrete (CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Superstru Con Class__(CY) Section 500				8.00		1.50		
Concrete Handrail (LF) Section 500				8.00		1.50		
Concrete Barrier (LF) Section 500				8.00		1.50		

BRIDGE ITEMS	Quantity	Unit Price	QF/1000	Diesel Factor	Gallons Diesel	Unleaded Factor	Gallons Unleaded	REMARKS

Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
Stru Steel Plan Quantity (LB) Section 501				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
PSC Beams_____ (LF) Section 507				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Stru Reinf Plan Quantity(LB) Section 511				8.00		1.50		
Bar Reinf Steel (LB) Section 511				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Piling___inch (LF) Section 520				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Drilled Caisson,___ (LF) Section 524				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		
Pile Encasement,___(LF) Section 547				8.00		1.50		

SUM QF DIESEL=	**37468.00**	**SUM QF UNLEADED=**	**10728.00**

DIESEL PRICE ADJUSTMENT($)	**$88,589.34**
UNLEADED PRICE ADJUSTMENT($)	**$22,429.03**

ASPHALT CEMENT PRICE ADJUSTMENT
(BITUMINOUS TACK COAT 125% MAX)

APPLICABLE TO CONTRACTS/PROJECTS CONTAINING THE 413 SPECIFICATION, SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

ENTER APL	374	ENTER APM	841.5

125.00%	INCREASE ADJUSTMENT

L.I.N.	TYPE	TACK (GALLONS)	TACK (TONS)	REMARKS
413-1000	PG 58-22	1750	7.5164	

TMT = 7.5164

PRICE ADJUSTMENT($)	$3,373.37

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX

ENTER APL	374	ENTER APM	841.5

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

125.00%	INCREASE ADJUSTMENT

L.I.N. / Spec Number	MIX TYPE	HMA	JMF AC%	AC	REMARKS
	25 mm SP	2100	5.00	105.00	
	19 mm SP	1800	5.00	90.00	
	12.5 mm SP	3700	5.00	185.00	
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			5.00		
			TMT =	380.00	

PRICE ADJUSTMENT($)	$170,544.00

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

APPLICABLE TO CONTRACTS CONTAINING THE 413 SPEC. SECTION 413.5.01 ADJUSTMENTS ASPHALT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT

http://www.dot.ga.gov/doingbusiness/Materials/Pages/asphaltcementindex.aspx

ENTER APL 374

ENTER APM 841.5

125.00%	INCREASE ADJUSTMENT

Use this side for Asphalt Emulsion Only		
L.I.N.	TYPE	ASPHALT EMULSION (GALLONS)

TMT =

REMARKS:

Use this side for Asphalt Cement Only		
L.I.N.	TYPE	TACK (GALLONS)

TMT =

REMARKS:

MONTHLY PRICE ADJUSTMENT($)	

ADJUSTMENT SUMMARY

FUEL PRICE ADJUSTMENT (*ENGLISH 125% MAX)*

DIESEL PRICE ADJUSTMENT($) $88,589.34

UNLEADED PRICE ADJUSTMENT($) $22,429.03

ASPHALT CEMENT PRICE ADJUSTMENT (BITUMINOUS TACK COAT 125% MAX) $3,373.37

400 / 402 ASPHALT CEMENT PRICE ADJUSTMENT 125% MAX $170,544.00

ASPHALT CEMENT PRICE ADJUSTMENT FOR BITUMINOUS TACK COAT(Surface Treatment 125% MAX)

REMARKS:

TOTAL ADJUSTMENTS	$284,935.74

DWM 10/08

Summary of Costs w/o inflation

Project P.I. No. 0007131

Subtotal Construction Cost	**$9,922,453.23**
• Engineering & Inspection 5%	$496,122.66
• Construction Contingency 1%	$99,224.53
• Total Fuel Adjustment	$111,018.37
• Total Liquid AC Adjustment	$173,917.37
Total Construction Cost	**$10,802,736.16**
• Right-of-Way	$590,000.00
• Reimbursable Utilities	$679,000.00
Total Project Cost	**$12,071,736.16**

Estimate Report for file "Memorial Ph 3 0002405"

Section ROADWAY ITEMS

Item Number	Quantity	Units	Unit Price	Item Description	Cost
441-0016	150	SY	37.01	DRIVEWAY CONCRETE, 6 IN TK	5551.50
441-0018	2000	SY	45.37	DRIVEWAY CONCRETE, 8 IN TK	90740.00
441-0104	19300	SY	34.31	CONC SIDEWALK, 4 IN	662183.00
441-0140	3600	SY	52.00	STAMPED CONCRETE MEDIAN, 4 IN, COLORED	187200.00
441-0748	7600	SY	58.00	STAMPED CONCRETE MEDIAN, 6 IN, COLORED	440800.00
441-4030	2800	SY	44.42	CONC VALLEY GUTTER, 8 IN	124376.00
441-5002	1500	LF	13.03	CONCRETE HEADER CURB, 6 IN, TP 2	19545.00
441-6222	3000	LF	15.69	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	47070.00
500-3101	120	CY	246.73	CLASS A CONCRETE	29607.60
634-1200	70	EA	100.03	RIGHT OF WAY MARKERS	7002.10
641-1200	700	LF	17.59	GUARDRAIL, TP W	12313.00
				Section Sub Total:	**$1,626,388.20**

Section LANDSCAPE

Item Number	Quantity	Units	Unit Price	Item Description	Cost
700-9300	21300	SY	3.95	SOD	84135.00
				Section Sub Total:	**$84,135.00**

Section MAJOR STRUCTURES

Item Number	Quantity	Units	Unit Price	Item Description	Cost
500-3107	250	CY	399.26	CLASS A CONCRETE, RETAINING WALL	99815.00
511-1000	12000	LB	0.89	BAR REINF STEEL	10680.00
515-2015	340	LF	40.51	GALV STEEL PIPE HANDRAIL -	13773.40
621-4021	400	LF	413.06	CONCRETE SIDE BARRIER, TYPE 2A	165224.00
				Section Sub Total:	**$289,492.40**

Total Estimated Cost: $2,000,015.60

Subtotal Construction Cost	**$2,000,015.60**
E&C Rate 10 %	$200,001.56
Inflation Rate 5 % @ 2 Years	$225,501.76
Total Construction Cost	**$2,425,518.92**
Right Of Way	$0.00
ReImb. Utilities	$0.00
Grand Total Project Cost	**$2,425,518.92**

Summary of Costs w/o inflation

Project P.I. No. 0002405

Subtotal Construction Cost		**$2,000,015.60**
• Engineering & Inspection	5%	$100,000.78
• Construction Contingency	1%	$20,000.16
• Total Fuel Adjustment		$ 0.00
• Total Liquid AC Adjustment		$ 0.00
Total Construction Cost		**$ 2,120,016.54**
• Right-of-Way		$ 0.00
• Reimbursable Utilities		$ 0.00
Total Project Cost		**$ 2,120,016.54**