

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

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

OFFICE: Engineering Services

DATE: March 20, 2009

FROM: Ronald E. Wishon, Acting Project Review Engineer

TO: Mike Lobdell, PE, District Preconstruction Engineer

SUBJECT: IMPLEMENTATION OF VALUE ENGINEERING STUDY ALTERNATIVES

Recommendations for implementation of Value Engineering Study Alternatives are indicated in the table below. Incorporate alternatives recommended for implementation to the extent reasonable in the design of the project.

ALT No.	Description	Savings PW & LCC	Implement	Comments
ROADWAY				
1-B	Use Standard lighting luminaire and fixture	\$472,500	No	The lighting fixture suggested by the VE team is not a standard, but rather is a specialty fixture. Georgia Power installs, maintains, and services the luminaires, and as such, requires certain types of luminaires and fixtures be used. The luminaire alternates proposed in the plans are consistent with the Memorial Drive corridor theme, including the two projects already under construction and the one project currently in the May 2009 letting. The lights were based on public input following extensive public involvement.

ROADWAY - Continued				
1-E3	Eliminate benches from project (24 benches at MARTA bus stops)	\$62,376	No	Removal of the benches is not consistent with the Memorial Drive corridor theme. The need for benches for pedestrians was one of the key elements coming out of the public involvement process.
2-A	Reduce shoulder width by 2 feet (from 16 ft to 14 ft)	\$370,500	Yes	This should be done. ROW has already been secured. Savings will be in earthwork.
3-A	Traffic Signal (utilize existing signals)	\$1,202,602	No	This project has been coordinated with the Fast-forward signal project. The Fast-forward signal modifications were incorporated in the Memorial Phase 3 plans as currently shown. The signal modifications and upgrades shown in the Ph 3 plans are necessary to meet the intent of the project. Updated construction cost estimates will be made as part of the final Detailed Estimate. In order to avoid any duplicate work, the streetscape and the Fast-forward projects were coordinated and designed to work together to provide the necessary improvements to the project corridor.
4-A	Reduce pavement section (from 7" of 25 mm SP to 5" of 25 mm SP)	\$37,608	No	GDOT District 7 indicates concerns that reducing the section and not matching the existing pavement design would cause potential drainage problems in the future.

ROADWAY - Continued				
5-A	Reduce sidewalk width from 6 ft to 5 ft	\$105,000	No	<p>The original concept utilized 10 ft sidewalks, consistent with the design guidelines for the corridor. However, as part of a cost-savings measure early-on, the sidewalks were reduced from 10 ft to 6 ft. The 6 ft sidewalks provide an acceptable width for pedestrians along this high traffic volume corridor. Five foot sidewalks are already proposed along some sections on Memorial Ph 3 where modifications to existing physical constraints are too expensive to justify the additional width.</p>
7-A	Retain existing concrete median	\$1,264,799	No	<p>Appearance of the medians was a major concern of the public expressed during the public involvement process. Retention of the existing concrete median and adding sections of new median will result in a 'hodge-podge' of old and new concrete surfaces and appearances. The appearance would not be consistent with the aesthetic theme for the corridor (three projects), and would not be consistent with the streetscaping implemented in Phase 1B, to which this project connects. The use of stamped colored concrete as proposed in the plans was a compromise for cost-savings reasons in lieu of brick pavers.</p>

CSHPP-0007-00(131), DeKalb County

P. I. No.: 0007131

VE Study Implementation

Page 5.

REW/DMF

Attachments

c: Genetha Rice-Singleton
Melvin Waldrop
Mickey McGee
Ken Werho
Lisa Myers
Douglas Fadool
Neal O'Brien
John Hancock
Jason McCook
Matt Sanders
David Norwood
General Files

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

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

OFFICE: District 7

DATE: March 11, 2009

FROM: Mike Lobdell, PE, District Preconstruction Engineer

TO: Ronald E. Wishon, Acting Project Review Engineer

SUBJECT: **Value Engineering Study-Responses**

Reference is made to the recommendations that were contained in the Value Engineering Mod 1 Training Report dated February 18, 2009 for the above referenced project.

As identified in the approved Concept Report for this project:

“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.”

In 2004, Design Guidelines for a revitalization effort along an 8-mile stretch of Memorial Drive from Candler Road to Stone Mountain Park were prepared at the request of the DeKalb County Economic Development Authority. Extensive public involvement was sought and incorporated into the development of the guidelines. Streetscaping “zones” along the corridor were identified, and recommendations for lighting, landscaping, street furniture and hardscape improvements were included. These guidelines have been followed by GDOT in the Memorial Drive Phases 1A, 1B (immediately adjacent to Phase 3, to the west), 2 and 3 streetscaping projects.

Our responses and recommendations to the VE Recommendations are as follows:

<i>VE Recommendation No. & Description w/ Projected Initial Cost Savings</i>		<i>Recommendation Response</i>	<i>Comments</i>
<i>Idea No.</i>			
1-B	Use Standard lighting luminaire and fixture \$472,500	Approval Not Recommended	<ul style="list-style-type: none"> The "standard" lighting luminaire and fixture suggested by the VE team is not a standard, but rather is a specialty fixture. Georgia Power installs, maintains, and services the luminaires, and as such, requires certain types of luminaires and fixtures be used. The luminaire alternates proposed in the plans meet Georgia Power's requirements. The luminaire alternates proposed in the plans are consistent with the Memorial Drive corridor theme, including the two projects already under construction and the one project currently in the May 2009 letting. The lights were based on public input following extensive public involvement.
1-E3	Eliminate benches from project (24 benches at MARTA bus stops) \$62,376	Approval Not Recommended	<ul style="list-style-type: none"> Removal of the benches is not consistent with the Memorial Drive corridor theme. The need for benches for pedestrians was one of the key elements coming out of the public involvement process.
2-A	Reduce shoulder width by 2 feet (from 16 ft to 14 ft) \$370,500	Approval Recommended	<ul style="list-style-type: none"> ROW has already been secured. Savings will be in earthwork.
3-A	Traffic Signal (utilize existing signals) \$1,202,602	Approval Not Recommended	<ul style="list-style-type: none"> This project has been coordinated the with FastForward signal project. The FastForward signal modifications were incorporated in the Memorial Phase 3 plans as currently shown. The signal modifications and upgrades shown in the Ph 3 plans are necessary to meet the intent of the project. Updated construction cost estimates will be made as part of the final Detailed Estimate. In order to avoid any duplicate work, the streetscape and the FastForward projects were coordinated and designed to work together to provide the necessary improvements to the project corridor.
4-A	Reduce pavement section (from 7" of 25 mm SP to 5" of 25 mm SP) \$37,608	County Approves Recommendation	<ul style="list-style-type: none"> DeKalb County approves this recommendation. However, this is a state route and therefore maintenance responsibilities are GDOT's. DeKalb County will revise the pavement section to whatever GDOT wants. GDOT District 7 indicates concerns that reducing the section and not matching the existing pavement design would cause potential drainage problems in the future

<i>VE Recommendation No. & Description w/ Projected Initial Cost Savings</i>		<i>Recommendation Response</i>	<i>Comments</i>
5-A	Reduce sidewalk width from 6 ft to 5 ft \$105,000	Approval Not Recommended	<ul style="list-style-type: none"> • The original concept utilized 10 ft sidewalks, consistent with the design guidelines for the corridor. However, as part of a cost-savings measure early-on, the sidewalks were reduced from 10 ft to 6 ft. • 6 ft sidewalks provide an acceptable width for pedestrians along this high traffic volume corridor. • 5 ft sidewalks are already proposed along some sections Memorial Ph 3 where modifications to existing physical constraints are too expensive to justify the additional width.
7-A	Retain existing concrete median \$1,264,799	Approval Not Recommended	<ul style="list-style-type: none"> • Appearance of the medians was a major concern of the public expressed during the public involvement process. • Retention of the existing concrete median and adding sections of new median will result in a 'hodge-podge' of old and new concrete surfaces and appearances. The appearance would not be consistent with the aesthetic theme for the corridor (three projects), and would not be consistent with the streetscaping implemented in Phase 1B, to which this project connects. • The use of stamped colored concrete as proposed in the plans was a compromise for cost-savings reasons in lieu of brick pavers.
7-B	Retain existing concrete median and stain median \$1,159,806	Approval Not Recommended	<ul style="list-style-type: none"> • Appearance of the medians was a major concern of the public expressed during the public involvement process. • Retention of the existing concrete median, adding some new, and staining all of it could result in a 'hodge-podge' of old and new concrete surfaces. The appearance would not be consistent with the aesthetic theme for the corridor (three projects), and would not be consistent with the streetscaping implemented in Phase 1B, to which this project connects. • The use of stamped colored concrete as proposed in the plans was a compromise for cost-savings reasons in lieu of brick pavers.
8-A	Increase spacing between trees \$202,990	Approval Recommended	<ul style="list-style-type: none"> • Landscaping can be redesigned to increase the spacing between larger canopy trees, and retain the same density but smaller groupings for the smaller trees/bushes. Landscaping can also be eliminated in select other locations. The intent will be to reduce the overall plantings by approx. 40%.

-End of Responses-

Fadool, Douglas

From: Myers, Lisa
Sent: Monday, March 16, 2009 1:46 PM
To: Fadool, Douglas
Subject: FW: VE responses
Attachments: 0007131 VE responses_Mem Ph3_0007131_3-11-09 (revised 4-A).doc

Here is an additional response from D7.

Lisa Myers, AVS ☺
Design Review Engineer Manager/VE Coordinator

*GA DOT - Engineering Services
One Georgia Center - 5th Floor
600 W. Peachtree Street NW
Atlanta, GA 30308*

*Voice: 404-631-1770
Fax: 404-631-1956
lm Myers@dot.ga.gov*

From: Waldrop, Melvin
Sent: Monday, March 16, 2009 1:37 PM
To: Myers, Lisa
Subject: RE: VE responses

Lisa,

The clarified response to VE Recommendation 4-A is below. The entire report with this revised response is attached. Let me know if anything else is needed.

Thanks,

Melvin L. Waldrop Jr., EIT
GDOT District Seven Design
5025 New Peachtree Road
Chamblee, GA 30341
Main: 770-986-1257
Office: 770-986-1290
Please note my email is now:
mwaldrop@dot.ga.gov

Original Response

4-A	Reduce pavement section (from 7" of 25 mm SP to 5" of 25 mm SP) \$37,608	County Approves Recommendation	<ul style="list-style-type: none"> DeKalb County approves this recommendation. However, this is a state route and therefore maintenance responsibilities are GDOT's. DeKalb County will revise the pavement section to whatever GDOT wants. GDOT District 7 indicates concerns that reducing the section and not matching the existing pavement design would cause potential drainage problems in the future
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Clarified Reponses

4-A	Reduce pavement section (from 7" of 25 mm SP to 5" of 25 mm SP) \$37,608	Approval Not Recommended	<ul style="list-style-type: none"> GDOT District 7 indicates concerns that reducing the section and not matching the existing pavement design would cause potential drainage problems in the future
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From: Myers, Lisa
Sent: Thursday, March 12, 2009 3:42 PM
To: Waldrop, Melvin
Cc: Lobdell, Mike
Subject: RE: VE responses

Can you clarify the response to 4-A? It sounds like the county wants to do it, by D7 has reservations. We need a definitive answer. If you need to run it by OMR, then do so and get an email from them either supporting it or not. If we can get that, then we should be ok with the rest of the responses.

Lisa Myers, AVS 😊
 Design Review Engineer Manager/VE Coordinator

GA DOT - Engineering Services
 One Georgia Center - 5th Floor
 600 W. Peachtree Street NW
 Atlanta, GA 30308

Voice: 404-631-1770
 Fax: 404-631-1956
lm Myers@dot.ga.gov

From: Waldrop, Melvin
Sent: Thursday, March 12, 2009 7:43 AM
To: Myers, Lisa
Cc: Lobdell, Mike
Subject: RE: VE responses

Lisa,

Attached are the responses to the VE Report for CSHPP-0007-00(131), PI 0007131. Please let us know if you have any questions or concerns regarding the response to the each of the report's recommendations. As well, let us know if an implementation meeting will be necessary and if so it's date.

Thanks for your help,

Melvin L. Waldrop Jr., EIT
GDOT District Seven Design
5025 New Peachtree Road
Chamblee, GA 30341
Main: 770-986-1257
Office: 770-986-1290
Please note my email is now:
mwaldrop@dot.ga.gov

From: Myers, Lisa
Sent: Thursday, March 12, 2009 6:27 AM
To: Waldrop, Melvin
Subject: RE: VE responses

Yes, send them to me. Ron or I will take care of scheduling the implementation meeting. If the responses are adequate, we may not have a meeting, we may just do the implementation letter.

Lisa Myers, AVS 😊
Design Review Engineer Manager/VE Coordinator

*GA DOT - Engineering Services
One Georgia Center - 5th Floor
600 W. Peachtree Street NW
Atlanta, GA 30308*

*Voice: 404-631-1770
Fax: 404-631-1956
lm Myers@dot.ga.gov*

From: Waldrop, Melvin
Sent: Wednesday, March 11, 2009 1:51 PM
To: Myers, Lisa
Subject: RE: VE responses

Lisa,

We got the responses in today should I submit them to you? And how do we go about scheduling the Implementation meeting.

Thanks,

Melvin L. Waldrop Jr., EIT
GDOT District Seven Design
5025 New Peachtree Road
Chamblee, GA 30341
Main: 770-986-1257

Office: 770-986-1290
Please note my email is now:
mwaldrop@dot.ga.gov

From: Myers, Lisa
Sent: Tuesday, March 10, 2009 10:43 AM
To: Waldrop, Melvin
Subject: VE responses

Have you sent in VE Study responses yet for 0007131 Dekalb – Memorial Drive?

Lisa Myers, AVS 😊
Design Review Engineer Manager/VE Coordinator

*GA DOT - Engineering Services
One Georgia Center - 5th Floor
600 W. Peachtree Street NW
Atlanta, GA 30308*

*Voice: 404-631-1770
Fax: 404-631-1956
lm Myers@dot.ga.gov*

Help GDOT serve you better. Visit <http://www.howsmyservice.dot.ga.gov> and rate the service you received from Team GDOT.

PRECONSTRUCTION STATUS REPORT FOR PI:0007131

SR 10/MEMORIAL DRIVE FM WOODCROFT RD TO GOLDSMITH RD

MGMT LET DATE : 08/21/2009
MGMT ROW DATE : 09/22/2006
SCHED LET DATE : 12/1/2009
WHO LETS? : GDOT Let
LET WITH :

PROJ ID : 0007131
COUNTY : Dekalb
LENGTH (MI) : 3.41
PROJ NO. : CSHP-0007-00(131)
PROJ MGR : Lobdell, Mike
OFFICE : District 7
CONSULTANT : Local Design, Local PE funds
SPONSOR : Dekalb County
DESIGN FIRM : Jordan, Jones & Goulding, Inc.

MPO : Atlanta TMA
TIP # : DK-267D
MODEL YR : 2010
TYPE WORK : Miscellaneous Improvements
CONCEPT : SIDEWALKS
PROG TYPE : Enhancement
Prov. for ITS : N
BOND PROJ :

SCHED START	SCHED FINISH	ACTIVITY	ACTUAL START	ACTUAL FINISH	%	PROGRAMMED FUNDS				Date Auth																																				
						Phase	Approved	Proposed	Cost		Fund	Status																																		
3/27/2009	4/7/2009	Concept Meeting	3/23/2005	3/23/2005	100	ROW	LOCL	LOCL	590,000.00	LOC	PRECST																																			
		PM Submit Concept Report	5/24/2005	5/24/2005	100	CST	2009	2009	10,458,941.00	C220	PRECST																																			
		Receive Preconstruction Concept Approval	6/10/2005	6/17/2005	100	CST	2009	2009	3,209,850.00	Q92	PRECST																																			
		Management Concept Approval Complete	6/24/2005	6/24/2005	100																																									
		Value Engineering Study	10/14/2008		82																																									
		Environmental Approval	11/9/2005	11/9/2005	100																																									
		Preliminary Plans	7/19/2006	7/19/2006	100																																									
		R/W Plans Preparation	1/19/2006	4/12/2006	100																																									
		R/W Plans Final Approval	4/12/2006	8/21/2006	100																																									
		L & D Approval	5/17/2005	6/24/2005	100																																									
		R/W Acquisition	7/15/2008		33																																									
		Final Design	12/4/2006		22																																									
		FFPR Inspection			0																																									
		Submit FFPR Responses(OES)			0																																									
						<table border="1"> <thead> <tr> <th colspan="2">STIP AMOUNTS</th> <th>Phase</th> <th>Cost</th> <th>Fund</th> </tr> </thead> <tbody> <tr> <td>ROW Cost Est Amt:</td> <td>590,000.00</td> <td>Date:</td> <td>6/24/2005</td> <td></td> </tr> <tr> <td>CST Cost Est Amt:</td> <td>10,458,941.00</td> <td>Date:</td> <td>1/6/2009</td> <td></td> </tr> <tr> <td>CST Cost Est Amt:</td> <td>3,057,000.00</td> <td>Date:</td> <td>1/6/2009</td> <td></td> </tr> <tr> <td></td> <td></td> <td>ROW</td> <td></td> <td>LOC</td> </tr> <tr> <td></td> <td></td> <td>CST</td> <td>3,057,000.00</td> <td>Q92</td> </tr> <tr> <td></td> <td></td> <td>CST</td> <td>6,913,000.00</td> <td>C220</td> </tr> </tbody> </table>						STIP AMOUNTS		Phase	Cost	Fund	ROW Cost Est Amt:	590,000.00	Date:	6/24/2005		CST Cost Est Amt:	10,458,941.00	Date:	1/6/2009		CST Cost Est Amt:	3,057,000.00	Date:	1/6/2009				ROW		LOC			CST	3,057,000.00	Q92			CST	6,913,000.00	C220
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Bridge: NO BRIDGE REQUIRED
Design: MCMW
EIS: PCE | RE 6.28.07 | On Schedule for LET | Nable(2.12.09)
LGPA: REV PFA SGN DEKALB DO PE20% ROW & 20% CST 10-18-07.
Programming: SPLIT FROM PI# 753200-IL680 FUNDS MOVED TO PI# 0007130 2-08
Traffic Op: FFPR sent 12/08/05 n/r/kw
Utility: WW: Went from LOC to GDOT. will be meet with DGN and LOC.
EMG: ENHANCEMENT (MISCELLANEOUS IMPROVEMENTS)

Prel. Parcel CT:	47	Total Parcel in ROW System:	121	Cond. Filled:	0	Acquired by:	LOC	DEEDS CT:	78
Under Review:	0	Options - Pending:	8	Relocations:	0	Acquisition MGR:	Black, Pam (LOC)		
Released:	117	Condemnations- Pend:	0	Acquired:	78	R/W Cert Date:			

District Comments
 DEKALB/IL&G (5/20/08) COUNTY NEEDS NTP FOR ROW SUBMITTED TO LEGAL FOR EXECUTION IN NOVEMBER? (12/1/08) VE STUDY TO BE HELD 1/26/09.

