

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE



FILE: CSNHS-M004-00(014) Franklin Hart **OFFICE:** Engineering Services
P.I. No.: M004014
I-85 resurfacing from SR 17 to SC Line **DATE:** May 29, 2009

FROM: Ronald E. Wishon, Project Review Engineer *REW*

TO: David Crim, State Maintenance Engineer
Attn.: Willie Webb

SUBJECT: IMPLEMENTATION OF VALUE ENGINEERING STUDY ALTERNATIVES

The VE Study for the above project was held on May 6, 2009. Responses were received on May 22 and 29, 2009. Recommendations for implementation of Value Engineering Study Alternatives are indicated in the table below. The Project Manager shall incorporate the VE alternatives recommended for implementation to the extent reasonable in the design of the project.

ALT #	Description	Potential Savings/LCC	Implement	Comments
1	Use open graded friction course (OGFC) instead of PEM	Design Suggestion	No	Both FHWA and OMR prefer that PEM be used instead of OGFC.
2	Allow daytime work at ramps	Design Suggestion	No	The daytime traffic is high in this area. Current traffic: 43,010 VPD
3	Review Section 150.11 regarding coordination with SCDOT	Design Suggestion	Yes	This should be done.

The Office of Engineering Services concurs with the Project Manager's responses.

Approved: *Gerald M. Ross* **Date:** *6/1/09*
Gerald M. Ross, PE, Chief Engineer

Approved: *Richard Wayne Fedora* **Date:** *6/17/2009*
for **Rodney Barry, PE, FHWA Division Administrator**

REW/LLM

Attachments

c: R. Wayne Fedora/Aric Mance/LaToya Johnson - FHWA
Genetha Rice Singleton
David Crim/Eric Pitts/Willie Webb/Reid Mathews/Robert Huff
Randy Davis
Lisa Myers
Matt Sanders

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

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FILE CSNHS-M004-00(014), Franklin & Hart **OFFICE** Maintenance
Resurfacing of I-85
PI: M004014 **DATE** May 29, 2009

FROM Willie L. Webb, Maintenance Design Manager

TO Lisa Myers, Transportation Engineer Assistant Administrator- VE Coordinator

SUBJECT **VE Study Response**

Reference is made to the recommendations that were contained in the Value Engineering Study Report dated May 7, 2009 for the above referenced project. Responses and recommendations are as follows.

1. Value Engineering Recommendation Number 1: Use open graded friction course (OGFC) instead if porous European mixture (PEM).

This recommendation **will not** be implemented due to the following reasons:

- The office of Materials and Research and FHWA prefers PEM.

2. Value Engineering Recommendation Number 2: Allowing day time work on ramps.

This recommendation **was not** accepted for implementation due to the following reason.

- The District and the Area have determined that this is not in the best interest of the project due to the existing daytime traffic.

3. Value Engineering Recommendation Number 3: Review Section 150.11 regarding coordination with SC dot.

This recommendation **will be** implementation due to the following reason:

- Modification of the 150.11 will be made to require the contractor to coordinate with the SC DOT.

The responses are a collaboration of the District Construction, District Maintenance and Maintenance Offices. If additional information is needed, please contact us.

DCC:wlw/rwh

Myers, Lisa

From: Latoya.Johnson@dot.gov
Sent: Friday, May 29, 2009 10:48 AM
To: Myers, Lisa; Aric.Mance@dot.gov
Subject: RE: VE Study I-85 responses.

Lisa,
FHWA is uncomfortable with proposal 1 to use open graded friction course (OGFC) instead of porous European mixture (PEM). We do not believe that OGFC gives service equivalent to PEM therefore the VE process is being used to provide a lesser quality product. Let me know how you would like for us to proceed. Thanks

LaToya

Transportation Engineer
Federal Highway Administration
Georgia Division
61 Forsyth Street, SW
Suite 17T100
Atlanta, GA 30303
404-562-4280 phone
404-562-3703 fax

From: Myers, Lisa [mailto:lmyers@dot.ga.gov]
Sent: Thursday, May 28, 2009 10:41 AM
To: Mance, Aric <FHWA>; Johnson, LaToya <FHWA>
Subject: FW: VE Study I-85 responses.

LaToya,

Have you had a chance to look at these. I would like to get them to the Chief this week if you are ok with them, or get an implementation meeting scheduled if you are not.

Thanks!

Lisa Myers, AVS ☺
Transportation Engineer Assistant Administrator - 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
lmyers@dot.ga.gov

From: Myers, Lisa
Sent: Friday, May 22, 2009 1:11 PM
To: 'Mance, Aric'; 'Johnson, LaToya'
Subject: FW: VE Study I-85 responses.

Attached are the responses for the I-85 Interstate Maintenance VE Study. If you agree with the responses, I will prepare a letter for signature and send it to the Chief. If you do not agree with the response, I will schedule an implementation meeting.

PRECONSTRUCTION STATUS REPORT FOR PI:M004014

PROJ ID: M004014
COUNTY: Franklin, Hart
LENGTH (MI): 7.12
PROJ NO.: CSNHSM00400014
PROJ MGR: Webb, Willie
OFFICE: Maintenance
CONSULTANT: No Consultant, GDOT In-House Design
SPONSOR: GDOT
DESIGN FIRM:

I-85 FROM S OF SR 17/FRANKLIN TO SOUTH CAROLINA STATE LINE
MGMT LET DATE: 08/21/2009
MGMT ROW DATE:

DOT DIST: 1
CONG. DIST: 10
BIKE: N
MEASURE: E
NEEDS SCORE:
BRIDGE SUFF:

SCHED START: 6/16/2009
SCHED FINISH: 6/16/2009
ACTIVITY: Value Engineering Study
ACTUAL START: 2/12/2009
ACTUAL FINISH: 3/25/2009
%: 81

PROGRAMMED FUNDS		Proposed	Cost	Fund	Status	Date Auth
Phase	Approved	2009	6,850,000.00	C240	PRECST	
CST	LUMP					

STIP AMOUNTS		Phase	Cost	Fund
CST Cost Est Amt:	6,850,000.00	CST	0.00	C240
Date:	2/4/2009			

Bridge: NO BRIDGE REQUIRED
IS: PCE | Apvd 3-25-09 | Cert Let 3-25-09 | Posey (3-27-09)
GPA: NOT APPLICABLE
programming: LUMP SUM 0006152
ility: CLEAR 03/02/09

Prel. Parcel CT: Total Parcel in ROW System:
Under Review: Options - Pending:
Released: Condemnations- Pend:

Acquired by: N/R
Acquisition MGR:
R/W Cert Date:

DEEDS CT:
District Comments: