

## VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal       Final Proposal      Date 06/25/2010

Contract ID 100430-611      Job No. J6I1885

County St. Louis      Original Bid Cost \$2,748,495.89

Contractor Millstone Bangert, Inc.      By Bob Kile

Designed By MoDOT      Phone 314-691-3958

VECP# 10-72 (to be completed by C.O.)      VECP  or PDVECP

1. **Description of existing requirements and proposed change(s). Advantages/Disadvantages**  
Existing: Current Stage 4 plans show 4 stages to complete the rehabilitation of bridge A45811 (EB On-Ramp over Ballas Road) and approach slab/pavement replacement while maintaining 2 lanes of traffic across the bridge.  
Proposed: We propose to perform this work in 2 stages while maintaining 2 lanes using some of the temporary traffic control features shown on the plans. This will minimize the impact to the traveling public by shortening the duration of time it will take to complete the work and generate savings by underrunning some of the traffic control items set up in this stage.

2. **Estimate of reduction in construction costs.**      \$12,177.88

3. **Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**  
None

4. **Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.**  
06/25/2010  
(date)

5. **Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**  
N/A      None  
(date)      (effect)

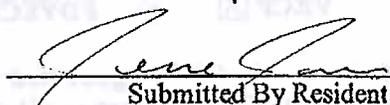
6. **Dates of any previous or concurrent submission of the same proposal.**  
N/A  
(date and/or dates)

**Additional Comments:**

Attached is a spreadsheet with estimated quantity revisions for this VE. Using this revised construction method MBI will minimize the durations of impact on the regional mobility of the traveling public. The approach slabs and pavement will be constructed in 2 equal halves as opposed to the planned 3 stages.

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

Comments: MoDOT core team and FHWA have reviewed this proposal and are ok with the changes. They save time and money to the contract.

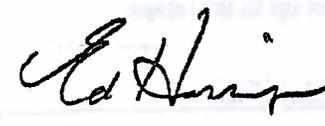
  
Submitted By Resident Engineer

8-3-10  
Date

Comments: I recommend approval of this VE as long as all the TC changes are done in accordance with MUTCD manual.

Approval Recommended

Rejection Recommended

  
District Engineer

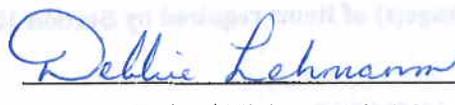
Digitally signed by Matthew Budd  
DN: cn=Matthew Budd, o=MoDOT, ou=D6 Construction and Materials,  
email=Matthew.Budd@modot.mo.gov, c=US  
Date: 2010.08.06 10:30:52 -05'00'

Date

Comments: I recommend approval of this value engineering change proposal.

Approval Recommended

Rejection Recommended

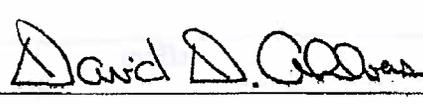
  
Federal Highway Administration  
Required for FHWA Full Oversight Projects

8/12/10  
Date

Comments: Approved on the basis of the comments and actions listed above. Denis Glascock. 8/9/2010.

Approval

Rejection

  
State Construction and Materials Engineer

Digitally signed by Denis Glascock  
DN: cn=Denis Glascock, c=US, o=MoDOT, ou=3H35,  
email=Denis.Glascock@modot.mo.gov  
Date: 2010.08.09 09:54:52 -05'00'

Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator - MoDOT, P. O. Box 270, Jefferson City, MO 65102



# VALUE ENGINEERING CHECK SHEET

## **TYPE OF WORK**

(Check one that applies)

- Bridge/Structure/Footings
- Drainage Structures (RCP, RCB, CMP's, ect.)
- TCP/MOT
- Paving (PCCP, ect.)
- Grading/MSE Walls
- Signal/Lighting/ITS
- Misc

## **SUMMARY OF PROPOSAL**

(If needed, condense summary to a couple of lines)

This VE involves reconfiguring the traffic control to facilitate the eliminate of a stage of work.

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## **SCANNING OF DOCUMENT**

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

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