

## VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal       Final Proposal      Date 12/14/09

Contract ID 090626-604      Job No. J6L2011

County Franklin County      I-44      Original Bid Cost \$17,377,464.69

Contractor Fred Weber, Inc.      By Don McGraw

Designed By Crawford, Murphy & Tilly      Phone 314-792-6726

VECP# 10-02 (to be completed by C.O.)      VECP  or PDVECP

1. **Description of existing requirements and proposed change(s). Advantages/Disadvantages**  
Modify existing staging to eliminate the need for 80% of the optional pavement and some temporary barrier. Utilize 10" pavement in place of A2 shoulder and utilize inside shoulder for traffic staging.  
Advantages: Minimize Temporary Construction, Expedite Permanent Construction, Monetary Savings, and minimize overall traffic impacts to the public.  
Disadvantage: Additional coordination for the final unbonded concrete overlay pour.
  
2. **Estimate of reduction in construction costs.**      \$678,517.57
  
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.**  

12/20/09  
(date)
  
5. **Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**  

12/22/09      The deadline of 12/22/09 is only for MoDOT to issue a decision as to whether the concept is acceptable or not.  
(date)      (effect)
  
6. **Dates of any previous or concurrent submission of the same proposal.**  

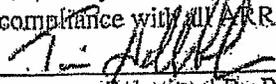
N/A  
(date and/or dates)

Additional Comments:

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

Comments:

I strongly recommend approval of this Value Engineering Proposal. The overall cost savings and time reduction coupled with the improvements in the final roadway design as depicted by the typical section make this VE a best value. It will be essential that we maintain open communication with all parties involved as well as maintain flexibility to make any necessary adjustments. Lastly, accurate and up-to-date reporting must be completed to ensure compliance with all FARRA requirements.

  
Submitted By Resident Engineer

12/29/09

Date

Comments:

I AGREE WITH THE PROJECT TEAM'S RECOMMENDATION.

Approval Recommended.

Rejection Recommended.



District Engineer

1-4-10

Date

Comments:

Approval Recommended

Rejection Recommended



Federal Highway Administration  
Required for FHWA Full Oversight Projects

2/22/2010

Date

Comments:

This VE is approved on the basis of the comments above and the value of the features of the VE.  
Denis Glascock. 1/11/2010

Approval

Rejection



State Construction and Materials Engineer

1/11/2010

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