

## VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

**Conceptual Proposal**       **Final Proposal**      **Date** 9.26.2012

**Contract ID** 12032-G03      **Job No.** J7S0808

**County** Barry      **Route** 39      **Original Contract Amount** 5,444,615.97

**Contractor** Phillips Grading & Construction      **By** Tipper Nichols

**Designed By** MoDOT      **Phone** \_\_\_\_\_

**VECP#** 12-74 (to be completed by C.O.)      **VECP**       **or**      **PDVECP**

**1. Description of existing requirements and proposed change(s). Advantages/Disadvantages**

Presently a longitudinal construction joint is designed the whole length of the bridge deck we would like to propose this be removed and a straight formed and formed joint be installed. With the bridge deck being so thin the top lip of the designed joint could spall or break out leading to maintenance problems and eventual corrosion of the rebar. Using a straight formed joint any flexing of the bridge would not affect the joint.

**2. Estimate of reduction in construction costs.**      \$ 11,100.00

**3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**

Long term costs would be considerably lower because of no joint maintenance due to concrete breakage

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

9.26.2012  
(date)

**5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.**

10.12.2012      none  
(date)      (effect)

**6. Dates of any previous or concurrent submission of the same proposal.**

\_\_\_\_\_  
(date and/or dates)

**Additional Comments:**

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

**Comments:**

We have reviewed and received permission from MoDOT bridge division that eliminating the keyed joint is allowable. Therefore, I recommend approval of this VE.

\_\_\_\_\_  
Submitted By Resident Engineer

\_\_\_\_\_  
Date

**Comments:**

I concur.



**Approval  
Recommended**



**Rejection  
Recommended**

\_\_\_\_\_  
District Engineer

\_\_\_\_\_  
Date

**Comments:**



**Approval  
Recommended**



**Rejection  
Recommended**

\_\_\_\_\_  
Federal Highway Administration  
**Required for FHWA Full Oversight Projects**

\_\_\_\_\_  
Date

**Comments:**



**Approval**



**Rejection**

\_\_\_\_\_  
State Construction and Materials Engineer

\_\_\_\_\_  
Date