

## VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

**Conceptual Proposal**       **Final Proposal**      **Date** 8-2-12

**Contract ID** 120323-G07      **Job No.** J7S0801F

**County** Vernon      **Original Bid Cost** \$645,305.49

**Contractor** APAC - Hilty      **By** Scotland Lawson

**Designed By** Scotland Lawson      **Phone** 6603514651

**VECP#** 12-68 (to be completed by C.O.)      **VECP**       **or**      **PDVECP**

**1. Description of existing requirements and proposed change(s). Advantages/Disadvantages**  
Hilty proposes to eliminate construction of the flume drains and construction of the slope protection at the bridge ends on route K. Based on the approach grades to the bridge deck and planned slab drains for the bridge deck, controlled runoff from the new bridge ends will be very minimal. Type 2 rock blanket will replace the slope protection adjacent to the wing walls and will wrap around the spill fill to prohibit any erosion just pass the wing walls. The advantage is an improved maintainable bridge drainage at a cost savings to MoDOT and the contractor.

**2. Estimate of reduction in construction costs.** \$4,013.06

**3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**  
There will be no adverse effects on erosion of the inslope or any other type of undermining of the end bent.

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

\_\_\_\_\_  
(date)

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

\_\_\_\_\_ (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:**

I recommend acceptance of this proposal as runoff can be adequately managed with this installation on this project site.

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

10/12/12  
\_\_\_\_\_  
Date

**Comments:**

I concur.

**Approval Recommended** \_\_\_\_\_  
 **Rejection Recommended** \_\_\_\_\_  
District Engineer Date

**Comments:**

Not a full oversight project.

**Approval Recommended** \_\_\_\_\_  
 **Rejection Recommended** \_\_\_\_\_  
Federal Highway Administration Date  
**Required for FHWA Full Oversight Projects**

**Comments:**

Approved per District recommendation as a Practical Design VE at 75/25.

**Approval** \_\_\_\_\_  
 **Rejection** \_\_\_\_\_  
State Construction and Materials Engineer Date