

## VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal       Final Proposal      Date 7-6-12

Contract ID 1202017-G08      Job No. J7P0797R

County Jasper      Route 71      Original Contract Amount 1071873.09

Contractor APAC Inc.      By Scotland Lawson

Designed By Scotland Lawson      Phone 660-351-4651

VECP# 12-50 (to be completed by C.O.)      VECP  or PDVECP

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

The original plan design was for a 14 foot extension of the existing box culvert at station 821+00 route 71. APAC Inc. proposes deleting this item of work. The new pavement width increases little and the public is protected by guardrail from the new 3:1 inslopes. The advantage of this would be adequate drainage with all safety zone requirements met in this area along with construction cost savings.

**2. Estimate of reduction in construction costs.** 28322.89

**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 this proposed change will have on maintenance of the pavement.

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

7-6-12  
(date)

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

7-9-12      Material Shipment  
(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:**

MoDOT Survey has reviewed this location and agrees that the new pavement width will fit within the limits of the existing box and that it is to be protected by guardrail established in the plans.

I recommend acceptance of this proposal as a practical design method of completing the new ramp extensions.

\_\_\_\_\_ 08-06-2012  
Submitted By Resident Engineer Date

**Comments:**

I concur.

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

**Comments:**

**Approval Recommended** \_\_\_\_\_ 08/14/2012  
 **Rejection Recommended** Federal Highway Administration Date  
**Required for FHWA Full Oversight Projects**

**Comments:** Approved per District recommendation as a practical design VE 75/25 split.

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