

Form C-104  
Rev. 02/2009

**VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION**

Federal oversight ✓

**Conceptual Proposal**       **Final Proposal**      Date 3/25/2011

Contract ID 101217-X01      Job No. J010955

County Pemiscot      I-55      Original Bid Cost 1,288,755.32

Contractor Chester Gross Construction      By Shane Durnil

Designed By \_\_\_\_\_      Phone 573-221-5958

VECP# 11-14 (to be completed by C.O.)      VECP  or PDVECP

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

2. **Estimate of reduction in construction costs.** 95,648.13

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

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

3/25/2011  
(date)

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

4/4/2011      Contract Completion  
(date)      (effect)

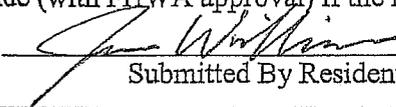
6. **Dates of any previous or concurrent submission of the same proposal.**

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

**Additional Comments:**

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

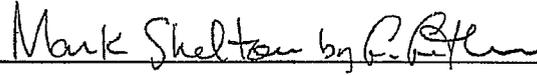
**Comments:**  
 I concur with the contractor's proposal, except as follows. The reduction in ramp width (from 28-ft to 24-ft) was a MoDOT generated idea. This portion of the proposal should be treated as a practical design VE (25/75 split). Per Project Manager Eric Krapf, the ramp was designed 28-ft wide only for staging purposes (i.e., to provide sufficient width for building in two halves under traffic). At the pre-job Eric suggested that the ramp could be built 24-ft wide (with FHWA approval) if the ramps were closed and the staging eliminated.

  
 Submitted By Resident Engineer

3/28/2011  
 Date

**Comments:**  
 I recommend approval as a PD-VE with a 25/75% split for lines 0040, 0050, 0060, 0080, 0220 with a total value of \$106,718.33. Liquidated Damages of \$5,000 per day in excess of 7 calendar days closure per ramp will still apply.  
 The traffic control for ramp closures was addressed in JSP 'V' and Traffic Control sheets 11a and 12a. Lines 0300, 0310 and 4" cap Type 5 Base is a separate issue and will be handled as a routine change order.

**Approval Recommended**

  
 District Engineer

3-30-11  
 Date

**Rejection Recommended**

**Comments:**  
 I recommend approval as described above, including reduction of ramp width from 28-ft to 24-ft.

**Approval Recommended**

**Mike McGee**  
 Federal Highway Administration  
 Required for FHWA Full Oversight Projects

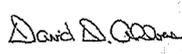
Date

**Rejection Recommended**

Digitally signed by Mike McGee  
 DN: cn=Mike McGee, o=FHWA, ou=Missouri Division,  
 email=mike.mcgee@dot.gov, c=US  
 Date: 2011.03.31 10:26:34 -05'00'

**Comments:**  
 I concur with the district's comments and recommend approval.

**Approval**

  
**John P Donahue**  
 State Construction and Materials Engineer

Date

**Rejection**

Digitally signed by John P Donahue  
 DN: cn=John P Donahue, c=US,  
 o=MoDOT, ou=3H35, email=john.donahue@modot.mo.gov  
 Date: 2011.04.20 11:20:10 -05'00'

Digitally signed by John P Donahue  
 DN: cn=John P Donahue, c=US,  
 o=MoDOT, ou=3H35, email=john.donahue@modot.mo.gov  
 Date: 2011.04.20 11:02:39 -05'00'

**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, etc.)
- TCP/MOT
- Paving (PCCP, etc.)
- Grading/MSE Walls
- Signal/Lighting/ITS
- Misc. \_\_\_\_\_

## SUMMARY OF PROPOSAL

(Please, condense summary to a couple of lines)

JPP

CONTRACTOR WILL REDUCE PAVED RAMP WIDTH FROM  
28' TO 24'. THIS WILL BE CLASSIFIED AS A  
'PRACTICAL DESIGN' VE.

## 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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