

Form C-104
Rev. 02/2009

Federal
oversight

VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal Final Proposal Date 1/28/11

Contract ID 100924-701 Job No. J7B0801J

County Vernon 71 Original Bid Cost 2,747,797.57

Contractor Lehman Construction LLC By Adam Carroll

Designed By _____ Phone 573-690-8346

VECP# 11-05 (to be completed by C.O.) VECP or PDVECP

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
 Plans call for slope protection along the wing walls on all three bridges. Lehman Construction would like to change this to rock blanket

2. Estimate of reduction in construction costs. \$10283.58 see attached spread sheet

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.
 no change in cost

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

1/28/11
(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 discussed this proposal with MoDOT Bridge & Roadway project managers & they both agree with the proposal. I agree with the proposal & savings proposed.*

[Signature] 1-31-11
Submitted By Resident Engineer Date

Comments: *I concur*

Approval Recommended *Berky Batty* 1-31-11
 Rejection Recommended District Engineer Date

Comments: *I CONCUR.*

Approval Recommended *FELIX R. GONZALEZ* 2-08-11
 Rejection Recommended Federal Highway Administration Date
Required for FHWA Full Oversight Projects

Comments: *APPROVED PER DISTRICT RECOMMENDATION AT 50150 SP47*

Approval *David D. O'Connell* 2-8-11
 Rejection State Construction and Materials Engineer 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

Route 71 Vernon County Slope Protection VE

Item	Quantity	Unit	Price	Total	New Cost	Old Cost
180	13.33	CY	39.5	\$ 526.54	\$ 526.54	
190	13.33	CY	15	\$ 199.95	\$ 199.95	
430	20	SY	3	\$ 60.00	\$ 60.00	
200	20	SY	200	\$ 4,000.00		\$ 4,000.00
870	14.66	CY	39.5	\$ 579.07	\$ 579.07	
880	14.66	CY	15	\$ 219.90	\$ 219.90	
1060	22	SY	3	\$ 66.00	\$ 66.00	
890	22	SY	200	\$ 4,400.00		\$ 4,400.00
1470	14.66	CY	39.5	\$ 579.07	\$ 579.07	
1480	14.66	CY	15	\$ 219.90	\$ 219.90	
1720	22	SY	3	\$ 66.00	\$ 66.00	
1490	22	SY	200	\$ 4,400.00		\$ 4,400.00
Total					\$ 2,516.43	\$ 12,800.00
Difference in cost			\$ 10,283.58			
MODOT keeps			\$5,141.79			
Lehman keeps			\$ 5,141.79			

VALUE ENGINEERING CHECK SHEET

TYPE OF WORK

(Check one that applies)

- Bridge/Structure/Footings
- Drainage Structures (RCP, RCB, CMP's, ect.)
- TCP/MOT
- Paving (PCCP, ect.)
- Grading/MSE Walls
- Signal/Lighting/ITS
- Misc. _____

SUMMARY OF PROPOSAL

(If needed, condense summary to a couple of lines)

_____ Use rock blanket along wingwalls on bridges in lieu of planned slope protection.

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.

_____ Scan proposal only.
