



CONSTRUCTION VALUE ENGINEERING CONCEPT PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Date 03/13/2008

Contract ID 080125-603  
County JEFFERSON Route 61/67  
Contractor THOMAS INDUSTRIAL COATINGS  
Designed By TIC, STOCK ASSOCIATES

Job No. J6S1963  
Original Bid Cost \$660,000.00  
By DANE MCGRAW  
Phone (636) 475-3500

*VE - # 08-11*

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

Rt. 61/67 will be completely closed in both directions 3/19-3/25 to complete the painting work on Bridge K02942. The remainder of work to be completed on the project will be done by daily lane closures. This would remove the two phase traffic control plan that requires head on traffic in narrow lanes around the clock. If proceeding with the VE the project duration could be decreased by about 40 calender days. A revised completion date of 5/23/08 would be possible.

2. Estimate of reduction in construction costs. \$24,500.00

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

- 1.Reduction of MODOT labor and overhead cost to the due to reduction in project duration.
- 2.Reduced affect on the public
- 3.Safer alternative for Thomas Industrial Coatings, MODOT personnel on the project, and the traveling public

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

03/14/2008

(date)

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

03/18/2008

(date)

3/19 will be the latest start date to complete Rt. 61/67 closure as agreed

(effect)

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

3/3/2008

(date and/or dates)

Additional Comments:

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

Comments: THE AREA TEAM, LOCAL OFFICIALS AND THE COMMISSION CONCUR WITH THE CLOSURE OF RTE 611/67 FROM MARCH 19 TO MARCH 25 TO PAINT THE STRUCTURAL STEEL. ALL OTHER WORK WILL BE COMPLETED WITH DAILY LANE CLOSURES. THE CONTRACT COMPLETION DATE WILL BE REVISED TO MAY, 23, 2008 WITH SPECIFIED LIQUIDATED DAMAGES.

John J. Arnold 3/10/08  
 Submitted By Resident Engineer Date

Comments: AREA TEAM AND LOCAL GROUPS ARE IN FAVOR. MOVE ON AS NOTED ABOVE.

Approval Recommended  
 Rejection Recommended

Ed Harris 3-14-08  
 District Engineer Date

Comments: As noted above.

Approval  
 Rejection

PSM for Dan Abner 3/14/08  
 State Operations Engineer Date

Distribution: Resident Engineer, District Operations Engineer, State Operations Engineer  
\*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 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)

*Sta 61167 will be completely closed in both directions 3/19-25/08 to paint Bridge K02942. The remainder of work on project will be done by daily lane closures. VE proposal will decrease project duration by approx. 40 calendar days.*

## 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.

*All documents*