

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Date 6/27/08

Contract ID 080125-402
County Henry Route 7
Contractor Hilty Quarries, Inc.
Designed By Allen Jeffrey Ludiker
VECP # VECP 08-80

Job No. J4P1934
Original Bid Cost \$4,507,337.80
By Steve Harris
Phone 816-622-0464
VECP or VECP/PDU

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

Plans for project indicate performing a 2' wide by 1.5" deep mill and fill operation along the lane-side edge of shoulder from log mi. 68.251 to log mi. 69.988 in preparation for installation of rumble strips. In light of the fact that the existing shoulder pavement section is approximately 9" thick, we feel that this order of work is unnecessary. Eliminating this work will reduce the overall impact to the traveling public, and under-run the 1.5" milling by 3500.16 square yards and the BP-1 by approximately 289 tons.

2. Estimate of reduction in construction costs. \$13,202.82

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

No negative effects are foreseen from this change.

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

6/27/08
(date)

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

7/1/08
(date)

No effect on overall completion date
(effect)

We request verbal approval by 7/1/08.

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

4/8/2008
(date and/or dates)

Same proposal for different
Location.

Additional Comments:

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

Comments:

After researching this area and examining several cores cut by the contractor, I am in agreement that the 2' wide by 1.5" mill and fill operation for the preparation of rumble strips should be eliminated from this area. I have researched their construction cost savings for these items and I am in agreement. I recommend that a 25% Value Engineering cost compensation be made to Hilty Quarries Inc. for their proposal.

Jon M. Voss
Submitted By Resident Engineer

7/25/08
Date

Comments:

- Approval Recommended
- Rejection Recommended

Elizabeth A. Voss (EAV)
District Engineer

8/12/08
Date

Comments:

APPROVED PER DISTRICT RECOMMENDATION

- Approval
- Rejection

David D. Coates MPE
State Construction and Materials Engineer

9-22-08
Date

Distribution: Resident Engineer, Project Manager, District Operations Engineer, State Construction and Materials 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)

_____ Use in place existing shoulder in lieu of 2' wide mill and fill for rumble strip.

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 entire document.
