

CONSTRUCTION VALUE ENGINEERING CONCEPT PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 070427-607 Job No. J6P0672C Date 9/10/09
County St. Charles Route 64 Original Bid Cost 22,949,743.47
Contractor Millstone Bangert, Inc. By Millstone Bangert, Inc.
Designed By Jim Schaefer Phone 636-949-0038
VECP# 09-77 (to be completed by C.O.)

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

A proposal to change the North Outer Road from 8.5" Bituminous Pavement to 7.5" PCCP with Type A2 Shoulders (asphalt). The limits of the full depth replacement will be reduced from Sta. 14+19 to Sta. 13+00 through adjustments in the roadway profile. A revised unit price for the 7.5" PCCP is reflective of utilizing 1" dowel baskets for the NOR portion. Attached is breakdown of the proposed change order.

2. Estimate of reduction in construction costs. \$9,004.26
3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

None

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

(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)

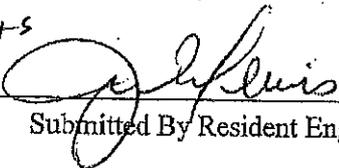
6. Dates of any previous or concurrent submission of the same proposal.

(date and/or dates)

Additional Comments:

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

Comments: I recommend ~~approval~~ approval of this substitution. We have spoke with Design? they agree this will be a better product & save money. We are using a smaller basket but John Donahue does not have a problem with the substitution from 1 1/4 Dowel Baskets to 1" Dowel Baskets


Submitted By Resident Engineer

9/17/09
Date

Comments: I concur with the comments above.

Approval Recommended
 Rejection Recommended


District Engineer

9-23-09
Date

Comments: This VE is approved on the basis of the comments above and following discussion with John Donahue. Denis Glascock. 9/24/2009

Approval
 Rejection


State Operations Engineer

9/24/2009
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)

This VE involves substitution of PCCP for an area of BP. Both BP and PCCP were already on the job and this involves a minor shift in quantities.

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.
