

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 080523-804 Date 9-4-2008
County Christian Route 14 Job No. J8P0588F
Contractor Hartman & Company Inc. Original Bid Cost 7,062,495.64
Designed By _____ By Burk Bridge Co. Larry Burk
VECP # VECP 08-90 Phone 417-865-1683
VECP or VECPP/PDU

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

I would propose to eliminate the Deadman Anchorage Assembly for Br. A 31091 on this Project. The bridge is level, with battered piling in the new and existing End Bents that should prevent any movement. The existing bridge has been in place since 1976 and the existing expansion joints and rocker bearings do not show any movement at the existing End Bents. It would appear these Deadman Anchorage Assembly are not needed. I have enclosed some photos of the existing expansion joints and rocker bearings taken with air temperature of 75 degrees on a sunny day.

2. Estimate of reduction in construction costs. 60,000.00

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: The proposal would essentially save money on the project and facilitate traffic handling during one phase of the project, but the decision to eliminate the Deadman Anchorage Assemblies should be based on the Bridge Design requirements, not simply on economics or convenience.

Gayle A. Davis
Submitted By Resident Engineer

9/16/08
Date

Comments: I concur with the Resident Engineer and recommend approval pending a review by the Bridge Division.

- Approval Recommended
 Rejection Recommended

Amr H. Muth for Kirk Jurana
District Engineer

9/15/08
Date

Comments: DEADMAN IS NECESSARY FOR STRUCTURAL REASONS. CONTRACTOR DECIDED TO PURSUE ALTERNATE DESIGN OPTIONS

Approval
 Rejection

David D. Coover
State Construction and Materials Engineer

DEB
~~11-2-08~~ 11-2-08
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



RECEIVED
SEP 10 2008

BY: *[Signature]*

September 8, 2008

Gayle Davis, Resident Engineer
MoDOT – Springfield Project Office
251 SW Outer Road
Branson, MO 65616

RE: Job No. J8P0588F
Route 14, Christian County

Dear Mr. Davis,

Please find enclosed for your review a value engineering proposal from Burk Bridge for the above referenced project.

Should you require any additional information, please call 417-882-2062.

Sincerely,

Hartman & Co., Inc.

Larry Henderson

Larry Henderson
Estimator-Project Administrator

CC: Dean Hartman, President
Larry Burk – Burk Bridge
1596 – Correspondence File

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)

_____ Eliminate deadman anchorage assembly on bridge rehab.

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
