

VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal **Final Proposal** **Date** 10-31-2012

Contract ID 110422-601 **Job No.** J6U1086

County St. Louis City **Route** I-70 **Original Contract Amount** \$21,826,136.89

Contractor Millstone Bangert, Inc. **By** Matthew Alwardt, P.E.

Designed By N/A **Phone** (314) 226-3288

VECP# 12-77 (to be completed by C.O.) **VECP** **or** **PDVECP**

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

Use in place the existing retaining wall along westbound I-70 shoulder and eliminate new the CIP wall (Bridge A-6846) by relocating the shoulder taper from 10' to 5' wide on Ramp 8 from STA 19+22.82 to approximately STA 17+90. Shoulder taper length should remain the same.

2. Estimate of reduction in construction costs. \$125,000 (Initial Estimate)

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

This proposed change should have no effect on maintenance costs because we are using in place a comparative size wall as was proposed for construction.

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

11-14-12
(date)

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

11-26-12
(date)

To allow for the pavement placement on Ramp 2 to open the Madison ramp off I-70 WB for the winter.
(effect)

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

N/A
(date and/or dates)

Additional Comments:

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

Comments:

This concept proposal will use in place the existing retaining wall along WB Rte 70 and eliminate the new CIP Wall A6846 between Ramps 2&8. Based on discussions with the MoDOT Design Consultant, CMT, approval is recommended for this concept proposal. Cost savings are currently under review.

Submitted By Resident Engineer

Date

Comments:

**Approval
Recommended**

**Rejection
Recommended**

District Engineer

Date

Comments:

**Approval
Recommended**

**Rejection
Recommended**

Federal Highway Administration
Required for FHWA Full Oversight Projects

Date

Comments:

Approval

Rejection

State Construction and Materials Engineer

Date