

VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Date 4/01/10

Contract ID 100122-506

Job No. J5P2149

County Boone Route 63

Original Bid Cost : 2,266,776.17

Contractor APAC-Missouri, Inc.

By Phillip Raines

Designed By MoDOT

Phone 573-449-0886

VECP # 10-29

VECP  or VECPP/PDU

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

APAC proposes to eliminate the vegetative barrier overlay of the concrete areas noted in the plans to be removed. At the preconstruction meeting, it was decided to leave the concrete areas in place, overlay the concrete with asphalt, and drill the cable anchors through the concrete. Upon further inspection, the concrete in these areas is essentially flush with the existing shoulder and would have a very thin lift of asphalt placed on it.

Total length of concrete =  $976' \times 6'9" = 651.2 \text{ SY} \times \$9.19/\text{SY} = \$5984.52$

2. Estimate of reduction in construction costs. \$5,984.52

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

None anticipated

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.

April 10, 2010  
(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: This is also another good idea. The old existing crossovers at the southern end of the project will remain in place and be functional in emergencies. This VEPD will not remove them. <sup>Geo Lister</sup>  
This is also a 75/25 split.

Charles Sullivan  
Submitted By Resident Engineer

4-7-10  
Date

Comments: Agree with comments above. Good idea and practical to utilize existing pavement/surface in-place.

Approval Recommended  
 Rejection Recommended

Roger Schwartz  
District Engineer

4/8/10  
Date

Comments: Good PDVE!

Approval  
 Rejection

David D. Coover  
State Construction and Materials Engineer

4-12-10  
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. Elimination of vegetative barrier at existing crossovers

## *SUMMARY OF PROPOSAL*

(If needed, condense summary to a couple of lines)

Contractor will leave in place concrete crossovers that in effect will reduce the vegetative barrier approximately 6' in width and 976' in length. This is a PDVE with a 75/25 split.

## *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.

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