

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

		Date	<u>05/20/11</u>
Contract ID	<u>101119-504</u>	Job No.	<u>J5M0091</u>
County	<u>Morgan</u>	Route	<u>D</u>
Contractor	<u>APAC-Missouri, Inc.</u>	Original Bid Cost	<u>1,418,250.98</u>
Designed By	<u>MoDOT</u>	By	<u>Casey Castrop</u>
VECP #	<u>11-34</u>	Phone	<u>573-449-0886</u>
		VECP	<input checked="" type="checkbox"/> or VECPP/PDU

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
 Original Plans provide for 224 SYDS of "Modified Cold Milling - Depth Transitions", 9.0 Tons of "Bituminous Pavement Mixture PG64-22 (Surface Leveling)", and 8 Gallons of "Tack Coat" at LM 0.000 on Rte. D (J5M0091) for transitioning into Rte. 50. APAC proposes to first pave Rte. 50 along with constructing the 3-3/4" to 1" taper on Rte. D per plans (J5P0961) leaving the intersection elevated 1" approximately 35 ft. from the edge of pavement on Rte. 50. We will then pave from the 1" elevation located on Rte. D during the paving operation on J5M0091. This operation eliminates the need for any "Modified Cold Milling - Depth Transitions", a portion of the 1" "BP-1 (Surface Leveling)", and "Tack Coat" required at this location. This will expedite the project, lessen the impact on the traveling public, and save MoDot \$2,499.05. Please see attached cost savings sheet.

2. Estimate of reduction in construction costs. \$2,499.05
 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.

May 20, 2011

(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:

Due to Job No. JSP0961 & Job No. JSM0091 adjoining at the intersection of Rte 50 & Rte D in Syracuse, it is unnecessary to perform cold milling depth transition, BP-1 and Tack Coat at this location. Therefore, this 50% VE proposal is acceptable.

Tony J. Hoff
Submitted By Resident Engineer

5-27-11

Date

Comments:

Agree with comments above. This is the sensible thing to do given the circumstances and APAC's willingness to coordinate operations among the projects.

Approval Recommended

Rejection Recommended

Eric Schroeder
Asst. District Engineer

6/2/11

Date

Comments:

Concur with comments above.

Approval

Rejection

David D. Coates

Digitally signed by Travis Koestner
DN: cn=Travis Koestner, o=Missouri Department of Transportation, ou=Assistant State Construction and Materials Engineer, email=travis.koestner@modot.mo.gov, c=US
Date: 2011.06.08 07:54:21 -05'00'

State Construction and Materials Engineer

6-8-11

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

Rt. D Morgan County
J5M0091
ID# 101119-504

VE #1 - @ LM 0.000 - Begin Project Depth Transition - Rt. D

Item	70	Depth Transitions - 224 SQYD @ \$9.15/SQYD	Savings	\$2,049.60
Item	10	BP-1 Mix - 9.0 Tons @\$49.93/Ton	Savings	\$449.37
Item	20	Tack Coat - 8 Gal. @0.01/Gal.	Savings	\$0.08
			Total Savings	\$2,499.05
			Total Savings MoDOT	\$1,249.53
			Total Savings APAC	\$1,249.52

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)

_____ Due to same contractor having three jobs there can be savings in the intersection transition from project to project.

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.