

VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal       Final Proposal      Date 07/30/12  
Contract ID 120217-F01      Job No. J6I2010D  
County St. Louis      Route I-270      Original Contract Amount \$10,694,739.21  
Contractor Fred Weber, Inc.      By Brian J. Carlson  
Designed By Fred Weber, Inc.      Phone (314) 344-0070  
VECP# 12-56 (to be completed by C.O.)      VECP  or PDVECP

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

Existing: Install Paved 'V' Ditch & 4' Paved Flat Bottom Ditch along NB 270 between Sta. 575 & 590 behind recently blasted rock bluff.

Proposed: Change to 2' Rock Ditch Liner instead to utilize the blasted rock material already on site as an "Earth Friendly" practice. It can also be done sooner than paved ditch which will allow us to final grade and permanent seed faster.

2. Estimate of reduction in construction costs. \$35,623.60

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

The above change in work can be completed faster than the originally planned paved ditch which will allow us to final grade and permanent seed sooner.

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

07/30/12  
(date)

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

08/20/12  
(date)

Delay to completion of work and permanent seeding.  
(effect)

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

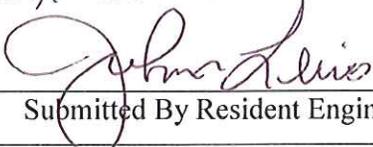
N/A  
(date and/or dates)

**Additional Comments:**

The proposed VE change saves a considerable amount of money and is also an example of "Earth Friendly" practice which should help us exceed the project Green Credit Goal.

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

**Comments:** RECOMMEND APPROVAL OF THIS V.E. CONTINGENT ON ACCEPTABLE RESULTS IN THE FIELD. MoDOT MAINTENANCE HAS REVIEWED & APPROVED THE CHANGE. THIS CHANGE WILL ALLOW EXCESS ROCK ON THE PROJECT TO BE USED, SAVING TIME AND MONEY AND PROVIDE A STABLE DRAINAGE AREA. AREA TEAM APPROVES AS WELL

  
Submitted By Resident Engineer

8/28/12  
Date

**Comments:**

Approval Recommended \_\_\_\_\_  
District Engineer Date

Rejection Recommended

**Comments:**

Approval Recommended \_\_\_\_\_  
Date

Rejection Recommended  
Federal Highway Administration  
Required for FHWA Full Oversight Projects

**Comments:**

Approval \_\_\_\_\_  
State Construction and Materials Engineer Date

Rejection

**Paved Ditch to Rock VE**

Line Item #	Description	Units	Units Previously Provided For	Units To Be Constructed	Units Overrun, Underrun	Unit Price	Amount Of Overrun, Underrun
30	CLASS A EXCAVATION	CY	21,066.00	21,904.00	838.00	\$7.00	\$5,866.00
200	PAVED DITCH	SY	1,257.20	0.00	-1,257.20	\$43.00	(\$54,059.60)
210	PLACING TYPE 2 ROCK DITCH LINER	CY	422.00	1,260.00	838.00	\$15.00	\$12,570.00

<b>Total Savings:</b>	<b>(\$35,623.60)</b>
MoDOT Portion (50%)	(\$17,811.80)
FWI Portion (50%)	(\$17,811.80)