

VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Conceptual Proposal Final Proposal Date 3/25/10

Contract ID 091218-401 Job No. J4I1597

County Jackson I-435 Original Bid Cost 39,337,176.88

Contractor Clarkson Construction Company By T. F. Kellerman

Designed By Clarkson Construction Company Phone 816-483-8800

VECP# 10-39 (to be completed by C.O.) VECP or PDVECP

1. **Description of existing requirements and proposed change(s). Advantages/Disadvantages**
Bid Item No. 1720 - Stabilized Permeable Base (4 inch Thick)(SPB) is set-up in the Contract in areas requiring median widening and widening of existing pavement. The SPB in these areas is shown to be underlain by Type 1 Aggregate Base. We agree to utilize Type 5 Aggregate Base 6" thick in lieu of Type 1 Aggregate Base 4" thick, at contract unit prices. Our proposal also includes adding an edge drain at the intersection of the existing pavement and the pavement widening.

2. **Estimate of reduction in construction costs.** \$411,037.60 VECP (50/50 Cost Share)

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

We are not aware of any effect on other department costs due to this proposed change.

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

2-26-10 (Initial) 3-25-10 (Final)
(date)

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

4-10-10 Critical Path Schedule could be affected. No effect on contract completion.
(date) (effect)

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

2-26-10/3-25-10
(date and/or dates)

Additional Comments:

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

Comments:

This VECP is recommended for approval. Edge drains will be installed per Standard Drawing 605.10H, "Rigid Pavement with Type 5 Base" detail. Costs for installation of edge drains and outlet pipes / splash pads compares favorably to recently installed items on similar local projects. Additional cost information can be found in the attached detail sheet.

M. G. Kiri

Submitted By Resident Engineer

03/25/2010

Date

Comments:

BASED ON THE INFORMATION PROVIDED BY THE CONTRACTOR AND THE RE, AND WITH CONCURRENCE OF DIVISION CM, I RECOMMEND APPROVAL OF THIS VE.

Approval Recommended

Rejection Recommended

Elizabeth A. W. H.

District Engineer

4/9/10

Date

Comments:

SEE ATTACHED NOTE FROM FHWA

Approval Recommended

Rejection Recommended

Roopa Banerji

Federal Highway Administration
Required for FHWA Full Oversight Projects

5/5/2010

Date

Comments:

PROPOSAL APPROVED SUBJECT TO REVISIONS SUGGESTED BY PAVEMENT TEAM AND TO SATISFACTORY RESOLUTION OF FHWA CONCERNS REGARDING INSPECTION.

Approval

Rejection

David D. Cooper by J. M.

State Construction and Materials Engineer

4-28-10

Date