PACE CONSTRUCTION COMPANY

May 10, 2012

Mr. Lindell Husky, RE
MoDOT Willow Springs Project Office
3956 East Main
Willow Springs, MO 65793

RE: VE for J9S2241 Rt 142 Oregon

Dear Mr. Husky:

Attached is the request for a Value Engineering Change for the shoulders on the above referenced project. This proposal will substantially increase the safety to the traveling public, as there will be no edge treatment directly against the fog line. We are asking for the following consideration for this improved safety.

3040143 Type 1 Agg Base	-21,836.8 SY	$5.15/SY	-$112,459.52
4013000 Bituminous Base	+ 1,425.5 Ton	$52.25/Ton	$74,482.38
Total Savings			$37,977.14

Thank you,

Jason S. Poor
Construction Manager

3306 Rhonda Drive West Plains, MO 65775
Office (417) 256-2074 • Fax (417) 256-4740

Form C-104
Rev. 03/2012

VALUE ENGINEERING CHANGE PROPOSAL
MISSOURI DEPARTMENT OF TRANSPORTATION

☒ Conceptual Proposal ☐ Final Proposal Date 05/10/12

Contract ID 120217-H01 Job No. J9S2241

County Oregon Route 142 Original Contract Amount $3,330,000

Contractor Pace Construction Co By Jason S. Poor

Designed By Jason S. Poor Phone (417) 372-2544

VECP# 12-32 (to be completed by C.O.) VECP ☐ or PDVECP ☒

1. **Description of existing requirements and proposed change(s). Advantages/Disadvantages**
   Current plans call for new shoulder to be installed as 4" Type 1 Base, 2.5" Bituminous Base, and 1.25" Surface Leveling Overlay. We would propose to delete the 4" Type 1 Base, and increase the Bituminous Base to 3.75" and still include the 1.25" Surface Leveling. This will substantially increase safety, because the widening can be removed, compactive effort applied, and Bituminous Base placed in the same work zone, which will eliminate the need for edge treatment being in place as a traffic hazard.

2. **Estimate of reduction in construction costs.** $37,977.14

3. **Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.**
   The existing dirt shoulders have been in place for many years, therefore, I feel the shoulder will be stable without the layer of Type 1 Base, and therefore not increase MoDOT's cost for maintenance.

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

   05/15/12
   (date)

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

   06/15/12 (date) — Will impact our ability to complete by August 3, 2012 (effect)

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

   none
   (date and/or dates)

Additional Comments:
Last season we did a similar project on Rt 95 in Wright County with good results, however, it was 3 3/4" total thickness of asphalt, and this will be 5".

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

Comments:

Digitally signed by Lindell Huskey
DN: cn=Lindell Huskey, o=MoDOT, ou=Willow Springs RE Office, email=Lindell.Huskey@modot.mo.gov, c=US
Date: 2012.05.15 15:40:04 -05'00'

Submitted By Resident Engineer — Date

Comments: Agree with concept and previously submitted comments from design resources suggesting that care be taken in areas identified by maintenance or inspection staff as soft or wet. These areas should be removed at the direction of the engineer and replaced with acceptable material prior to the installation of the bituminuos base.

Digitally signed by Andrew Meyer
DN: cn=Andrew Meyer, o=MoDOT, ou=SE Construction and Materials, email=andrew.meyer@modot.mo.gov, c=US
Date: 2012.05.17 22:01:30 -05'00'

☒ **Approval Recommended**
☐ **Rejection Recommended**

District Engineer — Date

Comments:

☐ **Approval Recommended**
☐ **Rejection Recommended**

Federal Highway Administration
Required for FHWA Full Oversight Projects
Date

Comments:

Digitally signed by John P Donahue
DN: cn=John P Donahue, o=MoDOT, ou=3H35, email=john.donahue@modot.mo.gov, c=US
Date: 2012.05.24 08:31:28 -05'00'

☒ **Approval**
☐ **Rejection**

State Construction and Materials Engineer — Date

Distribution: Resident Engineer, Project Manager, District Construction & Materials Engineer, State Construction & Materials Engineer, FHWA Value Engineering Administrator – MoDOT, P. O. Box 270, Jefferson City, MO 65102