

Form C-104
Rev. 09/2008

VALUE ENGINEERING CHANGE PROPOSAL MISSOURI DEPARTMENT OF TRANSPORTATION

Date 03-26-2009

Contract ID 090123-606

Job No. J6P1788 & J6P2112

County Jefferson

Original Bid Cost 1165351.5

Contractor NB West Contracting

By Michael T. Manion

Designed By Shirley Norris

Phone 314-962-3145

VECP# 09-17 (to be completed by C.O.)

VECP or VEC/PDU

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages
Gravel A and Seal coat grade C improvements to the existing shoulders and approaches. We propose to eliminate the prime, seal coat and gravel A and pave 1 1/4 inches of BP-2.

2. Estimate of reduction in construction costs. \$42,927.00

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.
Reduce cost overall, reduce windshield claims from flying rocks by eliminating chip seal. Pavement structure will improved from a chip and seal to 1 1/4 of asphalt pavement.

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

03-02-2009

(date)

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

04-01-2009

(date)

Material has to be ordered and stock piled to be available.

(effect)

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

02-27-09

(date and/or dates)

Checked by: [Signature] 3/27/09

RTE 21
Proposed V.E.

Proposed
1 1/4" BR-2

1" BR-2

Existing 21 1/4"

Existing 21"
Shoulder

11'

8'

STA: LM 1.401 to 5.634

- REGRADE EXISTING ROCK
SHOULDERS.

02-Mar-09

MODOT
3595 Plass Road
Festus, MO 63028

09123-606
J6P1788 & J6P2112
Rte 21
Jefferson County

VE # 1

NB West proposes to eliminate the seal coat and place BP-2 on the shoulders.

Eliminate the following items:

30 Gravel A	470 SY	\$ 10.00	\$ 4,700.00	✓
70 Prime	19220 Gal	\$ 3.50	\$ 67,270.00	✓
80 Seal Coat	38436 SY	\$ 2.75	\$ 105,699.00	✓
			\$ 177,669.00	✓

Ad the following items:

40 BP-2	2642 Tons	\$ 51.00	\$ 134,742.00	✓
			\$ 134,742.00	✓
Savings		\$ 42,927.00		✓

This concept saves money and improves the durability of the shoulder.

Sincerely

Michael T. Manion
NB West Contracting

Checked by: [Signature]
3-27-09



wkoehrer@jeffcomo.org
03/30/2009 02:46 PM

To John.Grana@modot.mo.gov
cc
bcc
Subject Old Rte 21

John,

I have reviewed the VE Change proposal dated 03-26-2009 for Job. No. J6P1788 that will provide 1-1/4 " BP -2 for the shoulders in lieu of chip seal.

The County will concur with this change for the cost savings.

If you have any questions regarding this, please let me know.

William Koehrer
Director of Public Works
Jefferson County, Missouri
PO Box 100
Hillsboro, MO 63050

636.797.5369

CCO FORM: RW27
Approved: 6/97 (DPP)
Revised: 1/00 (RMH)
Modified: 1/03 (BDG)

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
ROAD RELINQUISHMENT AGREEMENT**

THIS AGREEMENT is entered into by the Missouri Highways and Transportation Commission ("Commission") and the Jefferson County, Missouri ("Agency").

WITNESSETH:

NOW, THEREFORE, in consideration of the mutual covenants, promises and representations in this Agreement, the parties agree as follows:

- (1) **PURPOSE:** The purpose of this Agreement is to relinquish a portion of the state highway system to the agency.
- (2) **WORK BY COMMISSION:** The commission resurfaced the existing 22 foot wide roadway and two shoulders and upgraded stripping during the summer of 2003, per previous agreements with the Agency. The commission will also perform shoulder improvements and a rehabilitation of the Sandy Creek Bridge during 2008.
- (3) **RELINQUISHMENT:** Upon the Commission's acceptance of relocated Route 21 from Route A to Lake Lorraine into the state highway system, the Commission shall convey by quitclaim deed, to the Agency the portion of the State Highway which is the subject of this Agreement. The Agency agrees to accept the deed from the Commission. The deed shall be filed with the office of the recorder of deeds in the county where the highway is located.
- (4) **MAINTENANCE BY COMMISSION:** Prior to conveyance of the highway, the Commission shall maintain the highway as part of the state highway system. Upon conveyance of the highway to the Agency, Commission's responsibility to maintain the highway shall cease and the highway will no longer be considered a part of the state highway system.
- (5) **MAINTENANCE BY AGENCY:** Upon conveyance by the Commission as shown by the date on the quitclaim deed, Agency shall maintain the highway as part of Agency's system.
- (6) **LOCATION:** The general location of the highway to be conveyed is as follows: Existing Route 21, Jefferson County, from the City limits of Hillsboro (Station 55+55.00, Centerline Old Route 21) to Lake Lorraine (Station 276+83.00, Centerline Old Route 21), a net conveyance of 4.2 miles, more or less as shown on Exhibit A. The exact description of the highway shall appear in the quitclaim deed.

(7) FUTURE REPAIR: After conveyance of the highway to the Agency, the Commission may agree to perform future repair to the highway. Any future repair by the Commission shall only be by a separate written agreement between the Commission and the Agency. The cost of any future repairs by the Commission shall be identified by the separate agreement and shall be the responsibility of the Agency.

(8) COMMISSION REPRESENTATIVE: The Commission's district engineer is designated as the Commission's representative for the purpose of administering the provisions of this Agreement. The Commission's representative may designate by written notice other persons having the authority to act on behalf of the Commission in furtherance of the performance of this Agreement.

(9) LAW OF MISSOURI TO GOVERN: This Agreement shall be construed according to the laws of the State of Missouri. The Agency shall comply with all state and federal laws and regulations relating to the performance of this Agreement.

IN WITNESS WHEREOF, the parties have entered into this Agreement on the date last written below.

Executed by the County this 27th day of February, 2007.

Executed by the Commission this 19 day of March, 2009.

MISSOURI HIGHWAY AND
TRANSPORTATION COMMISSION

JEFFERSON COUNTY

Kevin Hootch
Title: Chief Engineer

Chuck Banks
Presiding Commissioner

ATTEST: *Marilou Masters*
Secretary to the Commission

Edward I. Kemp
First District Commissioner

APPROVED AS TO FORM

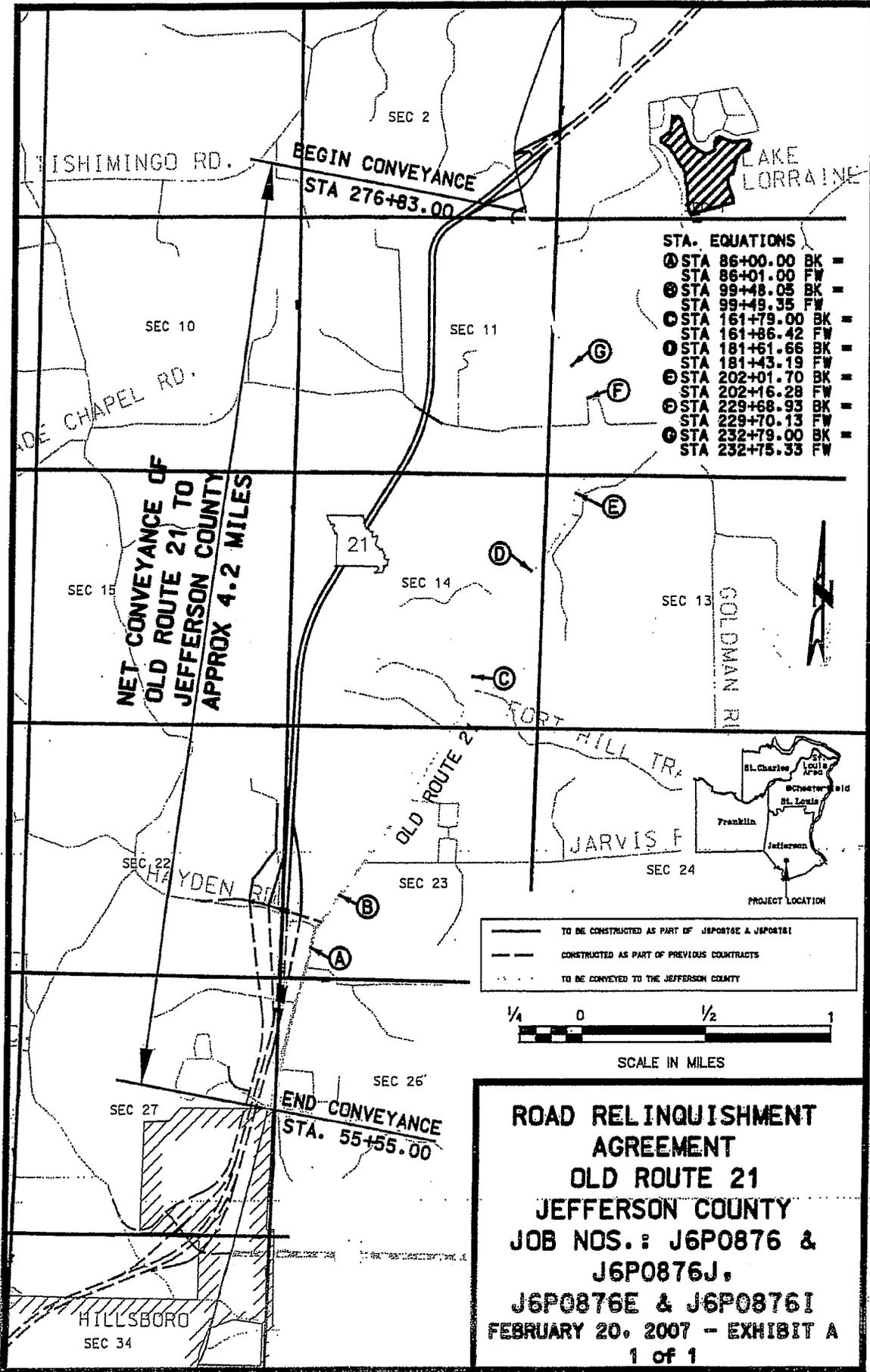
Michal Ray Alexander
Commission Counsel

Patricia J. Gansberg
Second District Commissioner

ATTEST: *Wes Wagner*
By *Caren [Signature]*
County Clerk Deputy Clerk

APPROVED AS TO FORM

William B. [Signature]
COUNTY COUNSELOR



STA. EQUATIONS

Ⓐ	STA 86+00.00	BK	=
	STA 86+01.00	FW	=
Ⓑ	STA 99+48.05	BK	=
	STA 99+49.35	FW	=
Ⓒ	STA 161+79.00	BK	=
	STA 161+86.42	FW	=
Ⓓ	STA 181+61.66	BK	=
	STA 181+43.19	FW	=
Ⓔ	STA 202+01.70	BK	=
	STA 202+16.28	FW	=
Ⓕ	STA 229+68.93	BK	=
	STA 229+70.13	FW	=
Ⓖ	STA 232+79.00	BK	=
	STA 232+75.55	FW	=

——— TO BE CONSTRUCTED AS PART OF J6P0876 & J6P0876J
 - - - CONSTRUCTED AS PART OF PREVIOUS CONTRACTS
 ···· TO BE CONVEYED TO THE JEFFERSON COUNTY



SCALE IN MILES

ROAD RELINQUISHMENT AGREEMENT
OLD ROUTE 21
JEFFERSON COUNTY
JOB NOS. : J6P0876 & J6P0876J,
J6P0876E & J6P0876I
FEBRUARY 20, 2007 - EXHIBIT A
1 of 1

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)

Substitution of BP-2 paving material for Gravel A and Seal Coat Grade C surface on shoulder.

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.
