



**Additional Comments:**

Please see attached spreadsheet.

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

Comments: I would be concerned about rutting issues if we switched to PG64-22  
09 opposed to PG70-22.

How does the level of truck traffic on Rte 65 in Pettis Co compare to  
Rte 36 & Rte 63 that are cited in this V.E.?

*E. A. B.*

Submitted By Resident Engineer

7/9/08

Date

Comments: Based upon consultation with central office CEM,  
the PG binder designed in the plans for the Superpave mixes  
was based on ADT and loading conditions for Rte 65. Using a  
lower grade as proposed could result in rutting, fatigue, and  
pre-mature failure of the mixes.

- Approval  
Recommended  
 Rejection  
Recommended

*Roger Schwartz*

District Engineer

7/15/08

Date

Comments: See above comments.

- Approval  
 Rejection

*Pat for  
Steve Ahlvers*

State Operations Engineer

7/15/08

Date

Distribution: Resident Engineer, District Operations Engineer, State Operations Engineer  
\*Value Engineering Administrator - \*MoDOT, P.O. Box 270, Jefferson City, MO 65102

# V.E. Proposal #1

(Cost Savings by using PG64-22 AC instead of PG70-22 AC)

## Savings due to new proposal

Job No.	Item Description	Asphalt Tons	A.C.%	Tons of A.C.	Savings by using PG64-22	Total Savings
J5P0934	SP125C	13015.6	4.3%	559.67	\$120.00	\$67,160.50
(SBL)	SP190C	20999.5	4.3%	902.98	\$120.00	\$108,357.42
						\$0.00
J5P0592	SP125C	7949.9	4.3%	341.85	\$120.00	\$41,021.48
(NBL)	190C	9161.5	4.3%	393.94	\$120.00	\$47,273.34

**Total= \$263,812.74**

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**Total= \$0.00**

## Net Savings for new Proposal

**Savings due to new proposal: \$263,812.74**

Total Value Engineering Savings for the Contractor(50%): \$131,906.37

Total Value Engineering Savings for MoDOT(50%): \$131,906.37

# 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)

*Use PG 64-22 in lieu of PG 70-22 in all Superpave mixes.*

## 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.

*All*