



Cook, Flatt & Strobel
ENGINEERS, P.A.

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October 15, 2009

Wabaunsee County
215 Kansas
PO Box 278
Alma, KS 66401

Attn: Leslie Schrader, Road & Bridge Supervisor

Re: Bridge No. 71

Dear Les:

At the request of the County we have reviewed the above noted structure.

We have looked at three options for the above noted site. The options are as follows:

- Option 1: Replace structure on new alignment leaving existing structure in place.
- Option 2: Replace structure on existing alignment
- Option 3: Repair/Rehab existing structure

Construction Cost Estimates for each of the Options are as follows:

Option 1:	Grading/Surfacing	\$155,000.00
	Bridge	<u>\$250,000.00</u>
	TOTAL	\$405,000.00
Option 2:	Grading/Surfacing	\$ 75,000.00
	Bridge	<u>\$250,000.00</u>
	TOTAL	\$325,000.00
Option 3	Removal of existing structure	\$ 15,000.00
	Replacing/resetting stores	\$ 40,000.00
	Grouting	\$ 30,000.00
	Grading approach	\$ 60,000.00
	Cofferdams/pumping	\$120,000.00
	Mobilization	\$ 20,000.00
	Contingencies	<u>\$ 65,000.00</u>
	TOTAL	\$350,000.00

John G. Bayless, P.E.
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Vice President-Secretary

Robert S. Chambers, P.E.
Vice President-Treasurer

Sabin Yanez, P.E.
Vice President

The cost estimates above do not include Engineering Costs or Right of Way Costs.

If you have any questions or require further information, contact our office.

Respectfully,
Cook, Flatt & Strobel Engineers, P.A.

Robert S. Chambers, P.E.