



# COUNTY COMMISSION

Monday, April 18, 2016

5:00 PM Following Public Building Commission Meeting  
Ellis County Administrative Center – Commission Room

## Order of Business

- I. Opening
  - A. Call to Order
  - B. Pledge of Allegiance
  - C. Clerk Calls the Roll
  - D. Order of Business  
Consideration of Amendments
  
- II. Prior Minutes

Special Road Tour Meeting, March 21, 2016  
April 4, 2016  
April 11, 2016
  
- III. Consent Agenda
  - A. Approval of Employee Status Changes as presented
  - B. Approval of Refunding Warrants as presented
  - C. Approval of Tax Roll Adjustments as presented
  - D. Approval of Escape Tax Orders as presented
  - E. Approval of Adds and Abates as presented
  - F. Approval of Accounts Payable and Payroll as presented

- IV. Issues from Persons Not on the Order of Business
- V. Extension Report (Family and Consumer Science Agent Linda Beech) [Enclosure](#)
- VI. Health Department Monthly Report (Health Administrator Butch Schlyer) [Enclosure](#)
- VII. Bridge #350 Bid Opening and Overview of Projects (Interim Public Works Director Curt Hoffman) [Enclosure](#)
- VIII. County Counselor Reports (County Counselor Bill Jeter)
- IX. County Administrator Report (County Administrator Phillip Smith-Hanes)
- X. County Commission Reports
- XI. Executive Session(s)
- XII. Adjournment

# MAKING A DIFFERENCE



## Grand Challenges

K-State Research and Extension develops and delivers practical, research-based solutions to challenges faced by all Kansans, which includes the grand challenges:

- Global Food Systems
- Water
- Health
- Community Vitality
- Developing Tomorrow's Leaders

K-State Research and Extension  
Ellis County Extension Office  
601 Main Street, Suite A  
Hays, KS 67601  
785-628-9430

[www.ellis.ksu.edu](http://www.ellis.ksu.edu)

Facebook: "K-State Research and Extension- Ellis County"



## Ellis County Extension Office Family and Consumer Sciences Report

Linda K. Beech  
County Extension Agent, FCS  
April 18, 2016

### Extension Activities to Enhance Children's Literacy

Children become readers and writers through a continuous developmental process called emergent literacy. There is much evidence that children who are read to in their early years build better vocabularies and perform better in school. Besides being educational, reading books together can strengthen the relationship between the child and the parent, grandparent, teacher or caring adult.

#### • Story Walk

According to the CDC, more than 65% of Kansas adults and nearly one-third of Kansas children are overweight or obese. A Story Walk provides a unique opportunity for families to read together and build literacy skills while enjoying the physical activity which youth and adults both need. A group of four Extension FCS agents received a grant of \$1036 to create eight Story Walk kits which can be shared among our 7 counties. Children's storybooks with a food theme were mounted on a series of poster boards which can be posted along a trail or path to encourage reading, physical activity and healthy eating for families.

The first Story Walk in Ellis County was set up in Big Creek Crossing mall for the Family Fun Fest on April 9, 2016. Another Story Walk will be set up for Head Start parents at the Early Childhood Connections celebration in May.

#### • Money on the Book Shelf

Children start to learn about money at an early age. This Extension program uses children's books as a tool for parents to help their children build literacy skills and develop early attitudes and understandings about money. Linda presented the Money on the Bookshelf program to parents in the Early Childhood Connections program in March 2016. Parents read children's books with a money theme and learned concepts and activities to build financial knowledge with their children.

#### • Be a Book Cook

Children learn to love reading, cooking and healthy nutrition when a favorite story book is linked with a fun cooking experience. Research shows that when kids are involved in preparing food, they are more likely to try it, and when healthy foods are prepared in a delicious way, kids are more likely to enjoy them.

Twice a year, Linda partners with Ellis and Hays Recreation Commissions to present "Be a Book Cook," a youth cooking class which is based on a children's book with a food theme. Recent "Be a Book Cook" cooking classes have featured:

"Chicks and Salsa"- Homemade fresh salsa (coming up in early May)

"The Ugly Vegetables"- Very veggie stir-fry

"Bone Soup"- The traditional Stone Soup story with a Halloween twist

"The Little Red Hen Makes a Pizza"- Homemade pizzas

**ELLIS COUNTY**  
**AGENDA ITEM COVER SHEET**  
**COMMISSION AGENDA DATE: April 18, 2016**

**TOPIC:**

*Ellis County Health Department Monthly Report for March, 2016*

**ACTION REQUESTED:**

*No Action*

**DISCUSSION:**

*Provide the County Board of Health (County Commission) with an overview of department services, budget progress, and upcoming or new public health events.*

**FINANCIAL IMPACT:**

None

**PRESENTED BY:**

*Butch Schlyer, Ellis County Health Administrator*

**REVIEWED BY COUNTY ADMINISTRATOR:**

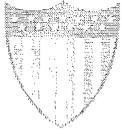
Yes       No       N/A

**REVIEWED BY COUNTY COUNSELOR:**

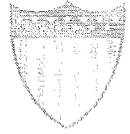
Yes       No       N/A

**ATTACHMENTS:**

*List any additional information that's attached, such as a contract or letter.*



**ELLIS COUNTY HEALTH DEPARTMENT**  
Phone: 785-628-9440 Fax: 785-628-0804  
E-MAIL: butch@ellisco.net  
601 Main Street  
**Hays, Kansas 67601**



**Monthly Report Narrative  
March 2016**

In addition to the various services listed on the Health Department's Report for the month of March department administration and staff also accommodated the following:

**Epidemiology:**

Administration and nursing staff investigated 4 cases of reportable diseases as assigned by the Kansas Department of Health and Environment. These cases included:

- Elevated Lead Level 1 case
- Hepatitis C 2 cases
- Hepatitis B 1 case

**Jail:**

In preparation for inmates the department administrator was active with the following:

- Compiled all documentation and participated in Board of Commissioners meetings on March 7 and 14 to assist in the selection of a medical provider for the jail
- Gathered and furnished necessary medical supplies and equipment to initiate nursing care for inmates.
- Developed and furnished documentation forms (medication management, diabetic/insulin flow sheet, BP flow sheet, nursing documentation, etc.) to the jail.
- Delivered a storage/file cabinet, desk, and stool to the jail medical room.
- Reviewed medications scripted for 17 inmates and initiated medication management forms for such inmates.
- Ordered additional pill boxes for medication set-up
- Reviewed policies and protocols submitted by Advanced Correctional Healthcare and provided feedback.
- Daily correspondence with jail staff offering services as necessary for inmates in holding.

**KDHE:**

March 9 – Department administrator participated in a Rabies Management Webinar.

March 22 and 23 – 2 department staff participated in a mandatory WIC conference in Topeka.

**Meetings:**

March 4 – Health department staff meeting regarding public health and local issues.

March 9 – Department Billing Manager attended public health billers meeting in Salina.

March 9 – Department administrator met with the County Administrator.

**Department Head Meeting:**

Department administrator attended department head meetings with the county administrator on March 1, 10, 17, 23, and 31.

**Clinics:**

Community blood pressure clinics during March were conducted at:

Wyndam Place	Hays Plaza
Hays Meal Site	Centennial Towers
Epworth Towers	Ellis County Office

**Other:**

March 7 – The health department hosted the Health Quest Biometrics Clinic in the 601 Main meeting room

March 9 – Department administrator conducted a presentation at FHSU on communicable diseases

March 22 and 23 – The department administrator conducted 6 Blood Borne Pathogens Trainings for county employees at the Emergency Medical Services Building meeting room

Department employees utilized 156.75 hours of benefit time in March.

Respectfully Submitted  
Butch Schlyer, Health Administrator

# Ellis County Health Department

601 Main Street, Suite B, Hays, Kansas 67601  
 Phone: (785) 628-9440 Fax (785) 628-0804

Date: April 5, 2016

To: Ellis County Commissioners, 1204 Fort Street, Hays, Ks. 67601  
 Katrina Hess, MD. 1923 E. 22nd Street, Hays, Ks. 67601

From: Robert "Butch" Schlyer, R.N. Ellis County Health Administrator

Subject: Monthly Health Department Report MAR-16

Services	Services		Revenue Received		Prior Year - 2015	
	Month/Yr to date	Month/Year to Date	Month/Year to Date	Services	Revenue	Revenue
Allergy Injections	74	698.08	1,851.50	805	7,946.00	
Basic Health Service Grant	204		4,969.00		19,907.00	
Blood Pressure Screens	16			338		
Bob's Boxes	83			704		
Client Credit						
County Wellness Profiles				78	334.00	
County Wellness PSA's				34	72.00	
CYSHCN Grant			1,252.77		2,255.80	
Dental Screenings						
Drug Screens/Spec. Collections	10	110.00	300.00	33	847.00	
Ear Exam				2	10.00	
Epidemiology Cs Mangement	4			7		
Epidemiology Surveillance	4			80		
Glucose Screening						
Head Lice Screening				2	20.00	
Hearing/Auditory Screening				1	5.00	
Hemoglobin Screening		3.93	5.24	47	144.86	
Height/Weight Screen	2			5		
Immunizations - Routine	46	6,302.50	14,342.31	822	87,909.87	
Immunizations - Hepatitis A	7	695.68	1,898.92	98	7,261.26	
Immunizations - Hepatitis B	11	923.56	2,031.29	177	10,312.12	
Immunizations - Meningococcal	3	40.00	180.00	60	6,998.78	
Injections - Miscellaneous	13	201.00	489.00	198	2,488.09	





**ELLIS COUNTY**  
**AGENDA ITEM COVER SHEET**  
**COMMISSION AGENDA DATE: 4-18-2016**

**TOPIC:**

Bridge #350 Bid Opening and Overview of Projects

**ACTION REQUESTED:**

Accept bid for deck replacement on Bridge #350 over Saline River on Yocemento Ave.

**DISCUSSION:**

Ellis County faces a number of road and bridge projects with limited funding. It is important for the Commission to weigh in on project selection. At the present time, projects that Ellis County has applied for and is considering include replacement of the bridge deck on Bridge #350, freight corridor improvements at 230<sup>th</sup> Ave & 55<sup>th</sup> St (which would attract state funding in the amount of \$1.5 million), the North County Line bridge (80% state funding, with the remaining 20% split equally with Rooks County), additional bridge repairs and deck rehabilitations as outlined in the Kaw Valley prioritization study form 2011, short term repairs on Bridge # 720 in Ellis and pier encasement of Bridge #120 north of Ellis over Saline River.

**FINANCIAL IMPACT:**

See attached sheet

**PRESENTED BY:**

Curt Hoffman, Interim Public Works Director

**REVIEWED BY COUNTY ADMINISTRATOR:**

Yes       No       N/A

**REVIEWED BY COUNTY COUNSELOR:**

Yes       No       N/A

**ATTACHMENTS:**

Fund # 78 Special Highway-Bridge Fund summary sheet.  
Bid Tabulation Sheet for deck replacement of bridge # 350.  
Opinion of probable construction cost options from Kirkham and Michael.  
Short term repair for bridge # 730 in Ellis.  
Long term repairs for bridges # 730 and # 120.

**ELLIS COUNTY PUBLIC WORKS**  
**FUND # 78 (SPECIAL HIGHWAY-BRIDGE)**  
**FUND BALANCE INFORMATION**  
**March 28, 2016**

CASH BALANCE AS OF MARCH 28, 2016 = \$517,188.48

LESS REMAINING CURRENT PURCHASE ORDER ENCUMBRANCES

PO # 7280 TO BG CONSULTANTS INC HWY 40 CONSTRUCTION INSPECTION =	-\$8,000.00
PO # 7281 TO KAW VALLEY ENGINEERING INC INSPECTION OF EMMERAM BRIDGE =	-\$7,040.00
PO # 7286 TO KAW VALLEY ENGINEERING INC BRIDGE DESIGN # 350 YOCEMENTO RD =	-\$7,800.00
PO # 7282 TO L & M CONTRACTORS INC EMMERAM BRIDGE CONSTRUCTION =	-\$148,530.70
PO # 7288 TO PENCO ENGINEERING PA HALF OF THE BRIDGE DESIGN WITH ROOKS CO. =	-\$13,750.00

NET UNENCUMBERED CASH = \$332,067.78

EXPECTED REVENUES:

PROPOSED TRANSFER AMOUNT FROM GENERAL FUND TO SPECIAL HIGHWAY IN THE 2016 BUDGET =	\$113,400.00
EXPECTED 90% REIMBURSEMENT OF COSTS ON PROJECT # 26 C-4732-01 EMMERAM RD BRIDGE WITH A MAXIMUM REIMBURSEMENT OF \$140,000.00	
ACTUAL COSTS = \$173,518.70 X 90% = \$156,166.83 =	\$140,000.00

ESTIMATED EXPENSES OF CURRENT PROJECTS:

**N. COUNTY LINE BRIDGE**

1/2 COST UTILITY RELOCATION & RIGHT-OF-WAY ACQUISITION PROJECT # 26 C-4840-01 =	-\$2,500.00
1/2 COST COUNTY 20% SHARE OF CONST. & CONST. ENGINEERING PROJECT # 26 C-4840-01 =	-\$37,000.00

**BRIDGE DECK REPLACEMENT # 350 YOCEMENTO AVE.**

ESTIMATED COST FOR DECK REPLACEMENT BRIDGE # RS 350 =	-\$239,905.00
ESTIMATED COST FOR CONSTRUCTION ENGINEERING BRIDGE # RS 350 =	-\$15,000.00

**230TH AVE./55TH ST FREIGHT CORRIDOR**

ENGINEER DESIGN	-\$135,000.00
NO ESTIMATE FOR ADDITIONAL RIGHT-OF-WAY OR UTILITY RELOCATION	

NET CASH AFTER EXPECTED REVENUES & ESTIMATED EXPENSES  
ON CURRENT PROJECTS =

\$156,062.78

**OTHER BRIDGE REPAIRS TO BE DETERMINED**

BRIDGE # 730 IN ELLIS DECK REPLACEMENT  
 BRIDGE # 120 N. OF ELLIS OVER SALINE PIER ENCASEMENT AND DECK REPLACEMENT  
 OTHER BRIDGE REHAB AS PER 2011 BRIDGE DECK PRIORITIZATION FROM KAW VALLEY ENGINEERING

**BID TABULATION SHEET**

KAW VALLEY ENGINEERING, INC.  
2319 North Jackson, PO Box 1304  
Junction City, KS 66441  
Tel: 785-762-5040

BRIDGE RS-350 DECK REPLACEMENT  
ELLIS COUNTY, KANSAS

Project No.: A16D7605  
Date: April 7, 2016  
Page: 1 of 1

Item	Qty	Engineer's Estimate		King Construction Co., Inc.		Bridges, Inc.		L & M Contractors, Inc.		Wildcat Const. Co., Inc.	
		Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1. Mobilization	1	L.S. \$8,000.00	\$8,000.00	\$17,000.00	\$17,000.00	\$18,000.00	\$18,000.00	\$26,000.00	\$26,000.00	\$39,975.40	\$39,975.40
2. Concrete Grade 4 (AE) (SA)	83.7	C.Y. \$620.00	\$51,894.00	\$650.00	\$54,405.00	\$980.00	\$82,026.00	\$1,035.00	\$86,629.50	\$1,248.00	\$112,827.60
3. Reinforcing Steel (Grade 60)	21,930	Lbs. \$1.10	\$24,123.00	\$1.00	\$21,930.00	\$1.40	\$30,702.00	\$1.05	\$23,026.50	\$1.50	\$32,895.00
4. Welded Stud Shear Connectors	620	Ea. \$24.00	\$14,880.00	\$23.00	\$17,860.00	\$23.00	\$17,360.00	\$25.00	\$15,500.00	\$11.25	\$6,975.00
5. Elastomeric Bearing Pads	20	Ea. \$600.00	\$12,000.00	\$200.00	\$4,000.00	\$325.00	\$6,500.00	\$210.00	\$4,200.00	\$350.00	\$7,000.00
6. Drilling and Grouting	38	Ea. \$15.00	\$570.00	\$25.00	\$950.00	\$27.00	\$1,026.00	\$30.00	\$1,140.00	\$20.00	\$760.00
7. Guard Fence End Terminal (SRT)	2,930	Lbs. \$4.00	\$11,720.00	\$3.00	\$8,790.00	\$7.00	\$20,510.00	\$5.75	\$16,847.50	\$7.00	\$20,510.00
8. Install Steel Plate Guard Fence	250	L.F. \$25.00	\$6,250.00	\$5.00	\$1,250.00	\$14.00	\$3,500.00	\$20.00	\$5,000.00	\$9.00	\$2,250.00
9. Install End Terminal (Type II)	4	Ea. \$250.00	\$1,000.00	\$150.00	\$600.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$600.00	\$2,400.00
<b>TOTAL OF BASE BID =</b>			<b>\$131,187.00</b>	<b>\$142,805.00</b>	<b>\$182,974.00</b>	<b>\$187,843.50</b>	<b>\$226,593.00</b>	<b>\$226,593.00</b>	<b>\$226,593.00</b>	<b>\$226,593.00</b>	<b>\$226,593.00</b>

**Bid Alternate #1 - Removal of Existing Deck and Diaphragms**

Item	Qty	Engineer's Estimate		King Construction Co., Inc.		Bridges, Inc.		L & M Contractors, Inc.		Wildcat Const. Co., Inc.	
		Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
10. Mobilization (Bid Alternate #1)	1	L.S. \$5,000.00	\$5,000.00	\$12,500.00	\$12,500.00	\$5,000.00	\$5,000.00	\$3,600.00	\$3,600.00	\$5,000.00	\$5,000.00
11. Removal of Existing Structures	1	L.S. \$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$21,000.00	\$21,000.00	\$45,000.00	\$45,000.00
<b>TOTAL OF BID ALTERNATE #1 =</b>			<b>\$20,000.00</b>	<b>\$32,500.00</b>	<b>\$20,000.00</b>	<b>\$20,000.00</b>	<b>\$20,000.00</b>	<b>\$24,600.00</b>	<b>\$24,600.00</b>	<b>\$50,000.00</b>	<b>\$50,000.00</b>

**Bid Alternate #2 - Bridge Painting & Environmental Protection**

Item	Qty	Engineer's Estimate		King Construction Co., Inc.		Bridges, Inc.		L & M Contractors, Inc.		Wildcat Const. Co., Inc.	
		Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
12. Mobilization (Bid Alternate #2)	1	L.S. \$5,000.00	\$5,000.00	\$3,600.00	\$3,600.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
13. Environmental Protection	1	L.S. \$5,000.00	\$5,000.00	\$21,000.00	\$21,000.00	\$19,500.00	\$19,500.00	\$19,500.00	\$19,500.00	\$19,500.00	\$19,500.00
14. Bridge Painting (Organic Zinc w/ Acrylic System)	1	L.S. \$12,000.00	\$12,000.00	\$40,000.00	\$40,000.00	\$38,450.00	\$38,450.00	\$41,100.00	\$41,100.00	\$47,950.00	\$47,950.00
<b>TOTAL OF BID ALTERNATE #2 =</b>			<b>\$22,000.00</b>	<b>\$64,600.00</b>	<b>\$59,450.00</b>	<b>\$59,450.00</b>	<b>\$62,100.00</b>	<b>\$62,100.00</b>	<b>\$68,950.00</b>	<b>\$68,950.00</b>	<b>\$68,950.00</b>
<b>TOTAL =</b>			<b>\$173,187.00</b>	<b>\$239,905.00</b>	<b>\$262,424.00</b>	<b>\$268,543.50</b>	<b>\$268,543.50</b>	<b>\$268,543.50</b>	<b>\$268,543.50</b>	<b>\$268,543.50</b>	<b>\$268,543.50</b>

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K&M

# Opinion of Probable Construction Cost

FROM MEETING AT KDOT ON 3-10-16

Client Name:	Ellis County	ENR Construction Cost Index	
Project Name:	230th/55th Intersection-28 ft wide	Date	Index
Project Number:	PCCP w/ PCCP Shoulder	Initial	10/13/2014
		Current	3/7/2016

Item	Quantity	Units	Unit Cost \$	Cost \$
1 Mobilization	1	LSUM	\$50,000	\$50,000
2 Traffic Control	1	LSUM	\$10,000	\$10,000
3 Concrete Pvmnt (10" Uniform)(AE)(NRDJ)	7,850	Sq Yd	\$80.00	\$628,000
4 Concrete Shoulder (8" Uniform)(AE)	1,600	Sq Yd	\$80.00	\$128,000
5 Concrete Pavement Entrances	225	Sq Yd	\$80.00	\$18,000
6 Geosynthetic Reinforcement	10,500	Sq Yd	\$5.00	\$52,500
7 AB-3 Base (6")	10,500	Sq Yd	\$17.00	\$178,500
8 Common Excavation	3,500	Cubic Yd	\$8.00	\$28,000
9 Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10 Pavement Markings(Epoxy)(Yellow)(4")	2,370	Lin Ft	\$5.00	\$11,850
11 Pavement Markings(Epoxy)(White)(4")	4,740	Lin Ft	\$5.00	\$23,700
12 Pvmnt Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13 Pvmnt Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14 Construction Staking	1	LSUM	\$20,000	\$20,000
15 Seeding	1	LSUM	\$3,500	\$3,500
16				\$0
17				\$0
18				\$0
19				\$0
20				\$0
21				\$0
22 Preliminary Design				\$135,000
23 Construction Inspection				\$210,000
24				
Subtotal from page 2				\$0

Subtotal \$1,223,636  
 Construction Contingency 10.0 % \$122,364  
 Engineering \$345,000  
 Opinion of Probable Cost \$1,691,000

Design Status (Check One)

- Conceptual Design
- Preliminary Design
- Final Design

KIRKHAM MICHAEL

Project Manager: John Riggins Date: 3/8/2016

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

# Opinion of Probable Construction Cost

Client Name:	Ellis County	ENR Construction Cost Index	
Project Name:	230th/55th Intersection-28 ft wide	Date	Index
Project Number:	PCCP w/ Rock Shoulder	Initial	10/13/2014
		Current	9870.12

Item	Item	Quantity	Units	Unit Cost \$	Cost \$
1	Mobilization	1	LSUM	\$50,000	\$50,000
2	Traffic Control	1	LSUM	\$10,000	\$10,000
3	Concrete Pvmnt (10" Uniform)(AE)(NRDJ)	7,850	Sq Yd	\$80.00	\$628,000
4	Rock Shoulders	350	Tons	\$60.00	\$21,000
5	Concrete Pavement Entrances	225	Sq Yd	\$80.00	\$18,000
6	Geosynthetic Reinforcement	8,900	Sq Yd	\$5.00	\$44,500
7	AB-3 Base (6")	8,900	Sq Yd	\$17.00	\$151,300
8	Common Excavation	3,500	Cubic Yd	\$8.00	\$28,000
9	Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10	Pavement Markings(Epoxy)(Yellow)(4")	2,370	Ln Ft	\$5.00	\$11,850
11	Pavement Markings(Epoxy)(White)(4")	4,740	Ln Ft	\$5.00	\$23,700
12	Pvmt Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13	Pvmt Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14	Construction Staking	1	LSUM	\$20,000	\$20,000
15	Seeding	1	LSUM	\$3,500	\$3,500
16					\$0
17					\$0
18					\$0
19					\$0
20					\$0
21					\$0
22	Preliminary Design				\$130,000
23	Construction Inspection				\$180,000
24					
	Subtotal from page 2				\$0

Subtotal \$1,081,436  
 Construction Contingency 10.0 % \$108,144

Design Status (Check One) Engineering \$310,000  
 Conceptual Design Opinion of Probable Cost \$1,499,580  
 Preliminary Design KIRKHAM MICHAEL  
 Final Design

Project Manager: John Riggins Date: 3/8/2016

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

# Opinion of Probable Construction Cost

Client Name:	Ellis County	ENR Construction Cost Index	
Project Name:	230th/55th Intersection-28 ft wide	Date	Index
Project Number:	12" HMA w/ HMA Shoulder	Initial	10/13/2014 9870.12
		Current	9870.12

Item	Quantity	Units	Unit Cost \$	Cost \$
1 Mobilization	1	LSUM	\$50,000	\$50,000
2 Traffic Control	1	LSUM	\$10,000	\$10,000
3 HMA (Commercial Grade) (Class A) (Mainline)	5,125	Tons	\$100.00	\$512,500
4 HMA (Commercial Grade) (Class A) (Shoulder)	515	Tons	\$100.00	\$51,500
5 HMA Pavement Entrances	150	Tons	\$100.00	\$15,000
6 Geosynthetic Reinforcement	10,500	Sq Yd	\$5.00	\$52,500
7 AB-3 Base (6")	10,500	Sq Yd	\$17.00	\$178,500
8 Common Excavation	3,500	Cubic Yd	\$8.00	\$28,000
9 Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10 Pavement Markings(Epoxy)(Yellow)(4")	2,370	Lin Ft	\$5.00	\$11,850
11 Pavement Markings(Epoxy)(White)(4")	4,740	Lin Ft	\$5.00	\$23,700
12 Pvmt Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13 Pvmt Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14 Construction Staking	1	LSUM	\$20,000	\$20,000
15 Seeding	1	LSUM	\$3,500	\$3,500
16				\$0
17				\$0
18				\$0
19				\$0
20				\$0
21				\$0
22 Preliminary Design				\$120,000
23 Construction Inspection				\$170,000
24				
Subtotal from page 2				\$0

Subtotal \$1,028,636  
 Construction Contingency 10.0 % \$102,864

Design Status (Check One)

<input checked="" type="checkbox"/> Conceptual Design	Engineering	\$290,000
<input type="checkbox"/> Preliminary Design	Opinion of Probable Cost	\$1,421,500
<input type="checkbox"/> Final Design		

**KIRKHAM MICHAEL**

Project Manager: John Riggins Date: 3/8/2016

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

# Opinion of Probable Construction Cost

Client Name:	Ellis County	ENR Construction Cost Index	
Project Name:	230th/55th Intersection-28 ft wide	Date	Index
Project Number:	12" HMA w/ Rock Shoulder	Initial	10/13/2014
		Current	9870.12

Item	Quantity	Units	Unit Cost \$	Cost \$	
1	Mobilization	1	LSUM	\$50,000	\$50,000
2	Traffic Control	1	LSUM	\$10,000	\$10,000
3	HMA (Commercial Grade) (Class A) (Mainline)	5,125	Tons	\$100.00	\$512,500
4	Rock Shoulder	425	Tons	\$60.00	\$25,500
5	HMA Pavement Entrances	150	Tons	\$100.00	\$15,000
6	Geosynthetic Reinforcement	8,900	Sq Yd	\$5.00	\$44,500
7	AB-3 Base (6")	8,900	Sq Yd	\$17.00	\$151,300
8	Common Excavation	3,500	Cubic Yd	\$8.00	\$28,000
9	Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10	Pavement Markings(Epoxy)(Yellow)(4")	2,370	Lin Ft	\$5.00	\$11,850
11	Pavement Markings(Epoxy)(White)(4")	4,740	Lin Ft	\$5.00	\$23,700
12	Pvmt Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13	Pvmt Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14	Construction Staking	1	LSUM	\$20,000	\$20,000
15	Seeding	1	LSUM	\$3,500	\$3,500
16					\$0
17					\$0
18					\$0
19					\$0
20					\$0
21					\$0
22	Preliminary Design				\$110,000
23	Construction Inspection				\$160,000
24					
	Subtotal from page 2				\$0

	Subtotal	\$967,436
	Construction Contingency <u>10.0 %</u>	<u>\$96,744</u>
	Engineering	<u>\$270,000</u>
	Opinion of Probable Cost	\$1,334,180

**Design Status (Check One)**

- Conceptual Design
- Preliminary Design
- Final Design

**KIRKHAM MICHAEL**

Project Manager: John Riggins Date: 3/8/2016

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

KEM

# Opinion of Probable Construction Cost

FROM MEETING AT KDOT ON 3-10-16

Client Name:	Ellis County
Project Name:	230th/65th Intersection-25 ft wide
Project Number:	PCCP w/ PCCP Shoulder

ENR Construction Cost Index		
	Date	Index
Initial	10/13/2014	1
Current	3/7/2016	1

Item	Quantity	Units	Unit Cost \$	Cost \$
1 Mobilization	1	LSUM	\$50,000	\$50,000
2 Traffic Control	1	LSUM	\$10,000	\$10,000
3 Concrete Pvmnt (10" Uniform)(AE)(NRDJ)	7,050	Sq Yd	\$80.00	\$564,000
4 Concrete Shoulder (8" Uniform)(AE)	1,600	Sq Yd	\$80.00	\$128,000
5 Concrete Pavement Entrances	225	Sq Yd	\$80.00	\$18,000
6 Geosynthetic Reinforcement	10,000	Sq Yd	\$5.00	\$50,000
7 AB-3 Base (6")	10,000	Sq Yd	\$17.00	\$170,000
8 Common Excavation	3,500	Cubic Yd	\$8.00	\$28,000
9 Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10 Pavement Markings(Epoxy)(Yellow)(4")	2,370	Lin Ft	\$5.00	\$11,850
11 Pavement Markings(Epoxy)(White)(4")	4,740	Lin Ft	\$5.00	\$23,700
12 Pvmnt Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13 Pvmnt Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14 Construction Staking	1	LSUM	\$20,000	\$20,000
15 Seeding	1	LSUM	\$3,500	\$3,500
16				\$0
17				\$0
18				\$0
19				\$0
20				\$0
21				\$0
22 Preliminary Design				\$130,000
23 Construction Inspection				\$190,000
24				\$0
Subtotal from page 2				\$0

Subtotal		\$1,148,636
Construction Contingency	10.0 %	\$114,864
Engineering		\$320,000
Opinion of Probable Cost		\$1,583,500

- Design Status (Check One)
- Conceptual Design
  - Preliminary Design
  - Final Design

Project Manager: John Riggins Date: 3/8/2016

KIRKHAM MICHAEL

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

# Opinion of Probable Construction Cost

Client Name:	Ellis County	ENR Construction Cost Index	
Project Name:	230th/55th Intersection-25 ft wide	Date	Index
Project Number:	PCCP w/ Rock Shoulder	Initial	10/13/2014 9870.12
		Current	9870.12

Item	Quantity	Units	Unit Cost \$	Cost \$
1 Mobilization	1	LSUM	\$50,000	\$50,000
2 Traffic Control	1	LSUM	\$10,000	\$10,000
3 Concrete Pvm (10" Uniform)(AE)(NRDJ)	7,050	Sq Yd	\$80.00	\$564,000
4 Rock Shoulders	350	Tons	\$60.00	\$21,000
5 Concrete Pavement Entrances	225	Sq Yd	\$80.00	\$18,000
6 Geosynthetic Reinforcement	8,400	Sq Yd	\$5.00	\$42,000
7 AB-3 Base (6")	8,400	Sq Yd	\$17.00	\$142,800
8 Common Excavation	3,000	Cubic Yd	\$8.00	\$24,000
9 Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10 Pavement Markings(Epoxy)(Yellow)(4")	2,370	Lin Ft	\$5.00	\$11,850
11 Pavement Markings(Epoxy)(White)(4")	4,740	Lin Ft	\$5.00	\$23,700
12 Pvm Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13 Pvm Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14 Construction Staking	1	LSUM	\$20,000	\$20,000
15 Seeding	1	LSUM	\$3,500	\$3,500
16				\$0
17				\$0
18				\$0
19				\$0
20				\$0
21				\$0
22 Preliminary Design				\$120,000
23 Construction Inspection				\$170,000
24				\$0
Subtotal from page 2				\$0

Subtotal		\$1,002,436
Construction Contingency	10.0 %	\$100,244
Engineering		\$290,000
Opinion of Probable Cost		\$1,392,680

**Design Status (Check One)**

- Conceptual Design
- Preliminary Design
- Final Design

**KIRKHAM MICHAEL**

Project Manager: John Riggins Date: 3/8/2016

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

# Opinion of Probable Construction Cost

Client Name:	Ellis County	ENR Construction Cost Index	
Project Name:	230th/55th Intersection-25 ft wide	Initial	10/13/2014
Project Number:	12" HMA w/ HMA Shoulder	Current	9870.12

Item	Quantity	Units	Unit Cost \$	Cost \$
1 Mobilization	1	LSUM	\$50,000	\$50,000
2 Traffic Control	1	LSUM	\$10,000	\$10,000
3 HMA (Commercial Grade) (Class A) (Mainline)	4,600	Tons	\$100.00	\$460,000
4 HMA (Commercial Grade) (Class A) (Shoulder)	515	Tons	\$100.00	\$51,500
5 HMA Pavement Entrances	150	Tons	\$100.00	\$15,000
6 Geosynthetic Reinforcement	10,000	Sq Yd	\$5.00	\$50,000
7 AB-3 Base (6")	10,000	Sq Yd	\$17.00	\$170,000
8 Common Excavation	3,750	Cubic Yd	\$8.00	\$30,000
9 Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10 Pavement Markings(Epoxy)(Yellow)(4")	2,370	Lin Ft	\$5.00	\$11,850
11 Pavement Markings(Epoxy)(White)(4")	4,740	Lin Ft	\$5.00	\$23,700
12 Pvmnt Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13 Pvmnt Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14 Construction Staking	1	LSUM	\$20,000	\$20,000
15 Seeding	1	LSUM	\$3,500	\$3,500
16				\$0
17				\$0
18				\$0
19				\$0
20				\$0
21				\$0
22 Preliminary Design				\$110,000
23 Construction Inspection				\$160,000
24				
Subtotal from page 2				\$0

Subtotal	\$967,136
Construction Contingency <u>10.0 %</u>	\$96,714
Engineering	\$270,000
Opinion of Probable Cost	\$1,333,850

- Design Status (Check One)
- Conceptual Design
  - Preliminary Design
  - Final Design

KIRKHAM MICHAEL

Project Manager: John Riggins Date: 3/8/2016

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

# Opinion of Probable Construction Cost

Client Name:	Ellis County
Project Name:	230th/55th Intersection-25 ft wide
Project Number:	12" HMA w/ Rock Shoulder

ENR Construction Cost Index		
	Date	Index
Initial	10/13/2014	9870.12
Current		9870.12

Item	Quantity	Units	Unit Cost \$	Cost \$
1 Mobilization	1	LSUM	\$50,000	\$50,000
2 Traffic Control	1	LSUM	\$10,000	\$10,000
3 HMA (Commercial Grade) (Class A) (Mainline)	4,600	Tons	\$100.00	\$460,000
4 Rock Shoulder	425	Tons	\$60.00	\$25,500
5 HMA Pavement Entrances	150	Tons	\$100.00	\$15,000
6 Geosynthetic Reinforcement	8,400	Sq Yd	\$5.00	\$42,000
7 AB-3 Base (6")	8,400	Sq Yd	\$17.00	\$142,800
8 Common Excavation	3,250	Cubic Yd	\$8.00	\$26,000
9 Rock Excavation	4,750	Cubic Yd	\$15.00	\$71,250
10 Pavement Markings(Epoxy)(Yellow)(4")	2,370	Lin Ft	\$5.00	\$11,850
11 Pavement Markings(Epoxy)(White)(4")	4,740	Lin Ft	\$5.00	\$23,700
12 Pvmnt Marking (Temp)(4" Broken)(Type I Tape)	24	STAL	\$8.00	\$192
13 Pvmnt Marking (Temp)(4" Broken)(Type II Tape)	24	STAL	\$6.00	\$144
14 Construction Staking	1	LSUM	\$20,000	\$20,000
15 Seeding	1	LSUM	\$3,500	\$3,500
16				\$0
17				\$0
18				\$0
19				\$0
20				\$0
21				\$0
22 Preliminary Design				\$100,000
23 Construction Inspection				\$150,000
24				
Subtotal from page 2				\$0

Subtotal	\$901,936
Construction Contingency <u>10.0 %</u>	\$90,194
Engineering	\$250,000
Opinion of Probable Cost	<u>\$1,242,130</u>
	KIRKHAM MICHAEL

Design Status (Check One)

Conceptual Design

Preliminary Design

Final Design

Project Manager: John Riggins Date: 3/8/2016

The Engineer, using his or her professional judgement, has developed this stated Opinion of Probable Construction Cost based upon the design status identified above. Development of this Opinion has included consideration of design input level; however, the circumstances under which the work is expected to be undertaken, the cost and availability of materials, labor and services, probable bidder response and the economic conditions at the time of bid solicitation are beyond the control of the Engineer and will impact actual bid costs. Should bidding be delayed, these costs should be reviewed and, if necessary, adjusted to a more applicable *Engineering News Record* Construction Cost Index.

SHORT TERM FIX FOR BRIDGE #730



### PROPOSAL and CONTRACT

To: Ellis County Public Works  
Highway Department- Road & Bridge  
PO Box 691, 1195 280<sup>th</sup> Avenue  
Hays, KS 67601

Effective Date: March 17, 2015

APAC-Kansas, Inc., Shears Division ("APAC"), PO Box 190, Hays, KS 67601, offers to furnish all labor, materials and equipment required for the performance of the following described work in connection with asphalt overlay at Ellis Bridge, Ellis Kansas as follows.

Description of Work and Price:

1" Asphalt Overlay Bridge	80 Ton	@	\$ 108.40/Ton	=	\$ 8,672.00
1" Asphalt Overlay Approach	15 Ton	@	\$ 119.75/Ton	=	\$ 1,796.25

This quotation includes the following terms:

1. Ellis County to provide traffic control. Above pricing based on construction in conjunction with Old 40 project. If not completed during this time frame add \$6,745 for mobilization. If both items are completed at same time, unit price for Approaches will be \$108.40/ton. APAC not responsible for potential damages or loss of use due to additional weight on bridge. Items not tied.
2. To be invoiced at actual completed quantities plus applicable sales tax unless a project exemption certificate is supplied prior to construction activities

If you agree to these terms, prices and conditions, including the terms and conditions on the attached page(s), please acknowledge acceptance by signing in the space provided and return the original hereof to us, retaining a copy for your files. The person signing for you below represents that he or she is fully authorized to enter into this Agreement.

Very truly yours,

Steve Collins  
APAC-Kansas, Inc., Shears Division  
Hays Branch

ACCEPTED:

\_\_\_\_\_  
(Firm Name)

By: \_\_\_\_\_  
(Name and Title)

\_\_\_\_\_  
(Date)

1997 APAC, Inc. Unauthorized Reproduction or Use in Any Form is Strictly Prohibited

(08/98)



## TERMS AND CONDITIONS - Proposal and Contract

Payment in full for all work performed hereunder during any month shall be made not later than the tenth (10th) day of the month next following. Final and complete payment for all work performed hereunder shall be made not later than fifteen (15) days after the completion of such work. Interest at the highest rate allowable under the laws of the in state which the work is done, or one and one half percent (1½%) per month, whichever is less, shall be charged and paid on all unpaid balances from the due date to the date we receive payment. You agree to pay in full all costs and expenses incurred by APAC in collecting the amounts owed by you under the Agreement, including any and all court costs and attorneys' fees. Payments received will be applied against open items on unpaid invoices in an order and sequence determined by APAC in its sole discretion. Any monies paid to you for our work shall be held in trust for our benefit.

We shall not become obligated to perform the work called for under this Proposal and Contract until we check and approve your credit. This Proposal and Contract shall be null and void if your credit is not approved. If credit conditions become unsatisfactory at any time prior to our completion of the work hereunder, you will furnish adequate security upon our request. To the extent you fail to provide adequate security, we may stop work.

This document is the full agreement between us, regardless of any prior proposals or communications. Any deviations from the specifications or modification of the terms of this contract and any extra or incidental work, or reductions in work, shall be set forth in writing and signed by both parties prior to the making of such change. We will be compensated for any increase in our costs caused by such change, on the basis of the increase plus ten percent (10%) profit. If a time is set for the performance of work, and if, in our judgment, such change or other circumstances beyond our reasonable control will increase the time necessary for our performance, we will be granted a reasonable extension of time.

We will provide and pay for Workers' Compensation covering our employees, as well as General Liability and Property Damage Insurance. You agree to carry General Liability and Property Damage Insurance sufficient to protect yourself against any and all claims and liabilities arising from the performance of the work, including but not limited to claims arising under your agreement to indemnify and hold us harmless under this contract.

We shall be provided with suitable access to the work area. If our work is dependent upon or must be undertaken in conjunction with the work of others, such work shall be so performed and completed as to permit us to perform out work hereunder in a normal uninterrupted single shift operation.

Unless a time for the performance of our work is specified, we shall undertake it in the course of our normal operating schedule. We shall not be liable for any failure to undertake or complete the work for causes beyond our control, and we may suspend the work for causes beyond our control, including but not limited to fire, flood or other casualty; the presence on or beneath the work site of utilities, facilities, substances, or objects, including but not limited to any substance that in our opinion is hazardous or toxic or the reporting, remediation, or clean-up of which is required by any law or regulation (together "subsurface conditions"); labor disputes or other disagreements; and accidents or other mishaps, whether affecting this work or other operations in which we are involved, directly or indirectly.

If for causes beyond our control our work is not completed within twelve (12) months after the date of your acceptance of the proposal, we may cancel this agreement at any time thereafter on ten (10) days notice. In such event (i) we shall be relieved of any further obligation with respect to the balance of the work; and (ii) we shall be entitled to receive final and complete payment for all work performed by us to the date of cancellation within fifteen (15) days thereafter.

We shall not be responsible for, and you agree to indemnify and hold us harmless from, any suit, claim, liability, cost or expense arising from or in any way related to: sidewalks, driveways or other improvements located within our work area or designated areas of access, and to adjacent property and improvements; subsurface conditions; and any and all other alleged damages to persons or property, including but not limited to personal injury and death, arising from the performance of the work, unless such alleged damages arise from our sole negligence. You further agree to indemnify and protect us and save us harmless from any and all loss, damage, costs, expenses and attorney's fees suffered or incurred on account of your breach of any obligations and covenants of this contract. It is further understood that we shall not be responsible for any damage to or deterioration of any of our work, whether completed or in process, resulting from any cause or causes beyond our reasonable control, including but not limited to design, failure of subgrade or other subsurface conditions, or failure or inadequacy of any labor or materials not furnished and installed by us, whether or not such failure or inadequacy was or could have been known at the time our work was undertaken or work performed under adverse weather conditions. You agree that the proper jurisdiction and venue for adjudication concerning this contract is Ellis County, Kansas, and you waive any right to jurisdiction and venue in any other place.



RS 730 & RS 120 Deck Replacements

Chad McCullough

to:

choffman@ellisco.net

03/30/2016 04:08 PM

Cc:

"rick@ellisco.net", "donnetta@ellisco.net"

Hide Details

From: Chad McCullough <McCullough@kveng.com>

To: "choffman@ellisco.net" <choffman@ellisco.net>

Cc: "rick@ellisco.net" <rick@ellisco.net>, "donnetta@ellisco.net" <donnetta@ellisco.net>

2 Attachments



image003.jpg 2016 Bridge Deck Improvements - Ellis County.xls



Hey Curt,

Here is a spreadsheet that I put together starting from the deck rehab report from back in 2011. This one has been modified to only show RS 730 and RS 120 with estimates for what a deck replacement would cost in 2016 \$'s for each, as well as the cost of a total bridge replacement. On RS 730 it looks like we could narrow a new deck down to 34' based on the beam spacing in order to keep 2-12' driving lanes and one 8' sidewalk.

As far as the concrete encasement of the scoured piers on RS 120, I would estimate an additional \$80,000 for that work.

I've copied Rick and Donnetta just in case this doesn't come thru to you ☺

Chad D. McCullough, PE  
Project Manager

---

2319 North Jackson  
Junction City, KS 66441  
(785) 762-5040 Office + (417) 606-0099 Mobile



RS 730 & RS 120 Deck Replacements

Chad McCullough

to:

choffman@ellisco.net

04/01/2016 09:34 AM

Hide Details

From: Chad McCullough <McCullough@kveng.com>

To: "choffman@ellisco.net" <choffman@ellisco.net>

History: This message has been replied to.

2 Attachments



image003.jpg 2016 Bridge Deck Improvements - Ellis County.xls



Hey Curt,

Here is a spreadsheet that I put together starting from the deck rehab report from back in 2011. This one has been modified to only show RS 730 and RS 120 with estimates for what a deck replacement would cost in 2016 \$'s for each, as well as the cost of a total bridge replacement. On RS 730 it looks like we could narrow a new deck down to 34' based on the beam spacing in order to keep 2-12' driving lanes and one 8' sidewalk.

Chad D. McCullough, PE

Project Manager



**KAW VALLEY ENGINEERING**

2319 North Jackson  
Junction City, KS 66441  
(785) 762-5040 Office + (417) 606-0099 Mobile  
McCullough@kveng.com + www.kveng.com

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2016 CONCRETE BRIDGE DECK REPLACEMENT ESTIMATES

County Bridge #	Facility Carried	Feature Spanned	Type of Structure	Year Built	ADT (vpd)	Length (ft.)	Width (ft.)	Adjacent Surfacing	Eligible for 80/20 Federal Funds	Anticipated Deck Life Remaining		Recommended Deck Replacement Improvements (2016 \$'s)		Estimate
										Life Remaining	Deck Replacement in 7-8 years.	Contracted Improvement	Anticipated Life with Impr. Replaced Width (ft.)	
120	125th Avenue	Saline River	60'-4@80'-60" Steel Welded Plate Girder	1949	250	443.9	24.0	Asphalt	Yes	8-10 years	Deck Replacement in 7-8 years.	50-60 years	26.00	\$738,646
730	Old Highway 40	Big Creek	70'-2@71'-70" Steel Welded Plate Girder	1936	1305	285.1	44.0	Concrete	No	4-6 years	Deck Replacement in 4-5 years.	50-60 years	34.00	\$581,614



**KAW VALLEY ENGINEERING, INC.**

Office: 785.762.5040

Fax: 785.762.7744

Web: www.kveng.com

Address: 2319 N. Jackson

P.O. Box 1304

Junction City, KS 66441

April 13, 2016

A16D7605

Mr. Curt Hoffman, Road & Bridge Supervisor  
Ellis County Public Works  
1195 280th Avenue  
Hays, Kansas 67601

**RE: RS 350 Bridge Deck Replacement (Yocemento Avenue over the Saline River)  
Ellis County, KS**

Dear Mr. Hoffman:

Upon receipt of the opened bids for the above referenced project, I have checked all bids for computational errors and have found the submitted bids to be free of errors. I have also checked all bid proposals for collusion and fraud and have found no issues. I recommend that the Ellis County Commission move to award this contract to King Construction, Inc. of Hesston, Kansas for the Base Bid of \$142,805.00 as the lowest and best bid submitted for this project.

Sincerely,

A handwritten signature in black ink, appearing to read 'Chad D. McCullough', written in a cursive style.

Chad D. McCullough, P.E.  
Project Manager