

Members of the public wishing to speak during Public Comment or on Items of Business must register with the County Clerk prior to the beginning of the meeting.

AGENDA

BOARD OF FRANKLIN COUNTY COMMISSIONERS Wednesday, Feb. 24, 2016 | 8:30 a.m.

TO BE HELD IN THE ANNEX COMMISSION CHAMBERS

A. CALL TO ORDER

B. ROLL CALL:

Waymire Howard Dunn Harris Renoud

C. PLEDGE OF ALLEGIANCE

D. INVOCATION:

1. Invocation Led By Rev. Joel Fredrikson, First Baptist Church, Ottawa.

E. CORRESPONDENCE & ORGANIZATIONAL BUSINESS

F. PUBLIC COMMENT:

A citizen desiring to speak on an item not on the agenda may do so at this time. Discussion is limited to five minutes and the Commission will not take action or discuss items at this time. Discussion should be limited to matters of County Commission business and public comment is not permitted in regard to personnel matters or on pending legal matters. Items introduced under '**Public Comment**' may become agenda items at a later date.

G. CONSENT AGENDA:

Items listed on the '**Consent Agenda**' are considered routine and shall be enacted by one motion of the Board of Commissioners with no separate discussion. If separate discussion is desired by a member of the Governing Body, that item may be removed from the '**Consent Agenda**' and placed on the regular agenda '**Items of Business.**'

1. Consider And Approve Franklin County Minutes For Feb. 17, 2016.
2. Consider And Approve Claim Vouchers And Tax Change Orders.
3. Approve Emergency Vehicle Permit Application.

H. ITEMS OF BUSINESS:

1. Recognition Of Janice Swallow, Solid Waste, For Her 12 Years Of Service And Presentation Of Retirement Plaque.
2. Consider Supporting United Way's 2016 Sumo Wrestling Invitational By Encouraging County Employee Involvement. Meg Pearson, Franklin County United Way Director

Documents: [2016 0224 cv united way.pdf](#), [sumo wrestling invitational.pdf](#)

3. Consider Authorizing The Chairman To Execute The Bridge Inspection Proposal From CFS Engineers. James M. Haag, Jr., Public Works Director

Documents: [2016 0224 cv motion to approve bridge inspections cfs.pdf](#), [cfs engineers.pdf](#)

4. Consider Authorizing The Chairman To Execute The Agreement With CFS Engineers For The Fracture Critical Bridge Inspections In The Amount Of \$6,900.00. James M. Haag, Jr., Public Works Director

Documents: [2016 0224 cv motion to execute agreement cfs fracture critical bridges insps.pdf](#), [cfs bridge inspection.pdf](#)

5. Consider Offering A Dust Control Program, Approving The Application Form And Soliciting Bids For The Application Of A Magnesium Chloride Solution For The Dust Control Program And Waiving The Publication Requirement. James M. Haag, Jr., Public Works Director

Documents: [2016 0224 cvrsht dust motion for dust control.pdf](#), [solicitation for bids.pdf](#), [dust control application form.pdf](#), [bid specifications form.pdf](#)

I. STAFF REPORTS

J. COMMISSIONER COMMENTS AND BOARD REPORTS

K. CONSIDER A MOTION FOR ADJOURNMENT

L. INFORMATION AND ANNOUNCEMENTS:

1. UpComing Events

- Commission Meeting on March 2, 2016 at 8:30 A.M.
- Commission Study Session on March 7, 2016 at 8:30 A.M.
- Commission Meeting on March 9, 2016 at 8:30 A.M.
- Management Luncheon on Mar. 9, 2016 in the Commission Chambers at Noon.
- Commission Study Session on Mar. 16, 2016 at 8:30 A.M.
- Joint City/County/School Board Luncheon on Mar. 16, 2016 at Franklin County Commission Chambers at Noon.
- Commission Study Session on March 21, 2016 at 8:30 A.M.
- Commission Meeting on March 23, 2016 at 8:30 A.M.
- Commission Meeting on March 30, 2016 at 8:30 A.M.

Franklin County Agenda Cover Sheet



To: Franklin County Board of County Commissioners
From: Meg Pearson
Department: Franklin County United Way Director
Date: 2/24/2016

AGENDA ITEM NARRATIVE

Consider Supporting United Way's 2016 Sumo Wrestling Invitational By Encouraging County Employee Involvement.

BACKGROUND

United Way is working diligently to meet their campaign goals. In an attempt to raise money, United Way is challenging its corporate partners to encourage a volunteer from their organization to participate in a Sumo Wrestling event to be held April 15, at Ottawa University. Each department, within an organization, is encouraged to have a Sumo Wrestler volunteer. The organization then conducts an inner company dollar drive to vote for the volunteer they wish to represent the organization in the big tournament April 15. The organizations "champ" will then compete against other representatives from challenging companies. Donations derived from the events are used to help United Way reach their goals.

SPECIFIC ACTION REQUESTED

Encourage employee involvement in United Way's fund raising event.

ATTACHMENTS

2016 Sumo Wrestling Invitational to benefit United Way of Franklin County



Dear Franklin County Commissioners,

The **2016 Sumo Wrestling Invitational** to be held from **6:00-8:00 p.m. on April 15**, in the **Wilson Field House at Ottawa University** is just around the corner!

For the last two years, the County has sent forth a brave wrestler and sponsored the event at the \$250 level. During this event, companies and organizations like the County select a representative willing to dress up in a silly sumo suit (see the photo below) to be their sumo wrestling champion. Then the organization's "champ" competes against representatives from challenging companies and organizations (see the 2015 bracket below). **Our goal is to have 16 participating sumo champions this year... and we would love the City to send one of those champions!**

Why a Sumo Wrestling Event: Funds are needed to help United Way and its 17 member agencies provide vital services to Franklin County residents in need. It is our hope that the Sumo Wrestling Invitational will help raise \$15,000 in order to successfully meet this challenge.

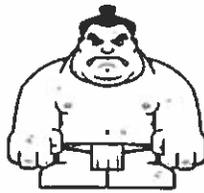
How You Can Help Make the Sumo Wrestling Invitational a Success: Simply contact United Way of Franklin County to **send a wrestler**, become a **sponsor** and/or **RSVP to attend!**

- Student admission: \$1.00 a person
- General admission: \$5.00 a person
- Floor seats (front row): \$10 a person
- Box seats at Wilson Field House: \$25 a person (Box seats will be in the front row, will include free snacks and drinks, and a personal attendant)

We sincerely hope you are able to join us again for this hilarious event. We look forward to seeing who you select as a wrestler... would any of you be willing to bravely step forward to be the County's champion?

May the best Champion in Franklin County win!

Meg Pearson
Director
United Way of Franklin County



2016 Sumo Wrestling Invitational to benefit United Way of Franklin County!

United Way's 2016 Sumo Wrestling Invitational is just around the corner! Please save the date, we are going to need participants, guests, sponsors and volunteers for this hilarious event!

How the Event Works:

Companies and organizations use a fundraising process to help select a representative willing to dress up in a silly sumo suit (see the photo below) to be their sumo wrestling champion. Then, **on April 15th from 6:00 to 8:00 p.m. in the Wilson Field House at Ottawa University** the organization's "champ" will compete against representatives from challenging companies and organizations.



WHO WILL BE THE 2016 SUMO CHAMP?

When your company, church, civic group or organization signs up to support this event you will help provide Franklin County residents with many of the most vital social services needed in our community! United Way of Franklin County includes the American Red Cross, Big Brothers Big Sisters, CASA, Children's Mercy Hospital, Communities in Schools, ECKAN, Elizabeth Layton Center, Habitat for Humanity, Hope House, LifeCare Center for Women, Mid-America Nutrition Program, Inc. (Meals on Wheels), Midland Care Hospice, tiny-k Early Intervention (Ottawa/Wellsville Infant Toddler), Ottawa Community Arts Council after school youth program, Ottawa Recreation Foundation's Summer Camp Program, United Cerebral Palsy and The Willow Domestic Violence Center.

Please Sponsor the Event!

When you sponsor the event your organization will benefit from the publicity it will gain from being part of the Sumo Wrestling Invitational! Due to the nature of this fundraiser, we can guarantee that the **employees** (thousands of people) at the participating companies will see your company name and logo! Please check out the sponsorship packages below and select one that works best for you!

Sponsorship Opportunities

\$2,500 PRESENTING SPONSOR:

Logo/banner hung over ring; recognition on KOFO Radio for one year; Recognition in United Way's full page quarterly newspaper ads in 2016; Recognition on local Television Community Bulletins; Recognition on the United Way of Franklin County website; Your Company name or logo on 150 Sumo Invitational T-shirts; Your company name or logo on hundreds of event flyers; Your company name or logo on thousands of event bracket sheets; Recognition during event announcements; Your company name on a large business sign/banner displayed by a OU dance team member in-between matches; Recognition in an event "thank you" ad in the Ottawa Herald newspaper; Recognition on a multitude of United Way's social networks; Fully catered event box seats with your company name or logo for 10 individuals.

\$1000 EVENT SPONSOR:

Recognition for one year in the bi-weekly KOFO Radio Show; Recognition on local Television Community Bulletins; Recognition in the next United Way full page ad in the Ottawa Herald; Recognition on the United Way of Franklin County website; Your Company name or logo on 150 Sumo Invitational T-shirts; Your company name or logo on hundreds of event flyers; Your company name or logo on thousands of event bracket sheets; Recognition during event announcements; Your company name on a business sign/banner displayed by a OU dance team member in-between matches; Recognition in an event "thank you" ad in the Ottawa Herald newspaper; Recognition on a multitude of United Way's social networks; Fully catered event box seats with your company name or logo for six individuals.

\$500 RING SPONSOR:

Recognition on the next KOFO Radio Show; Recognition in the next United Way full page ad in the Ottawa Herald; Recognition on the United Way of Franklin County website; Your Company name or logo on 150 Sumo Invitational T-shirts; Your company name or logo on hundreds of event flyers; Your company name or logo on thousands of

event bracket sheets; Recognition during event announcements; Your company name on a business sign/banner displayed by an OU dance team member in-between matches; Recognition in an event “thank you” ad in the Ottawa Herald newspaper; Four fully catered event box seats with your company name or logo for four company leaders and their guests.

\$250 BOX SEAT SPONSOR:

Your Company name or logo on 150 Sumo Invitational T-shirts; Recognition during event announcements; Recognition on four KOFO bi-weekly radio shows; Company sign/banner displayed ringside at the event on April 15th; Recognition in a post event newspaper “thank you” advertisement; Your company name or logo on thousands of event bracket sheets; 4 fully catered event box seats will be reserved for company leaders and their guests.

\$100 BRACKET SPONSOR:

Business signs/banners displayed ringside at the event on 15th; Recognition during event announcements; Recognition in the full page newspaper advertisement; Recognition in a post event newspaper “thank you” ad; your company name or logo on thousands of event bracket sheets; six floor seats will be reserved for company leaders and their guests.

\$50 BOX SEAT SPONSOR:

Two fully catered event box seats with your company name or logo marking the seat.

United Way of Franklin County Association

Attn: Meg Pearson

434 South Main Street/P.O. Box 233

Ottawa, KS 66067

Work: (785) 418-2015

Email: united.way.of.franklin.co@gmail.com

WWW.UnitedWayOfFranklinCo.Org

Franklin County Agenda Cover Sheet



To: Franklin County Board of County Commissioners
From: James M. Haag, Jr.
Department: Public Works
Date: Wednesday, February 24, 2016

AGENDA ITEM NARRATIVE

Consider authorizing the Chairman to execute the bridge inspection proposal from CFS Engineers

BACKGROUND

Franklin County is required by FHWA & KDOT to inspect our bridges on a regular interval. A proposal has been obtained from CFS Engineers to perform these inspections. The cost is \$200.00 per bridge for seven bridges for a total cost of \$1400.00.

SPECIFIC ACTION REQUESTED

Motion authorizing the Chairman to execute the bridge inspection proposal from CFS Engineers

ATTACHMENTS

Proposal



2930 SW Woodside Drive
Topeka, Kansas 66614
(785) 272-4706 Office
(785) 272-4736 Fax

cfse.com

Other Offices:
Lawrence, Kansas
Kansas City, Kansas
Wichita, Kansas
Kansas City, Missouri
Branson, Missouri
Springfield, Missouri
Jefferson City, Missouri

February 12, 2016

One Vision. One Team. One Call.

Franklin County
1428 S Main, Suite 5
Ottawa, KS 66067

Attn: Jim Haag, Jr.
Public Works Director

Re: Annual Bridge Inspection and Updates

Dear Jim:

Cook, Flatt & Strobel Engineers, P.A. is pleased to submit an engineering proposal for the completion of annual bridge inspection. The services will be provided in compliance with structure inventory and appraisal requirements of the County, KDOT and the FHWA.

We propose to conduct inspection for the following:

- 18.5-18
- 14.3-23
- 058 (Former KDOT Bridge)
- 081 (Former KDOT Bridge)
- 082 (Former KDOT Bridge)
- 083 (Former KDOT Bridge)
- 084 (Former KDOT Bridge)

We propose to furnish the required services for a lump sum fee determined at \$1,400.00 with full payment to be due upon completion of the inspection and furnishing a letter report to the County no later than May 16, 2016. If this proposal meets with the approval of the County, please indicate by signatures below and return one copy of this letter to our office.

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

Robert S. Chambers, P.E.

Kenneth M. Blair, P.E.
Chairman

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

Sabin A. Yañez, P.E.
Senior Vice President-Secretary

Kevin K. Holland, P.E.
Vice President

Daniel W. Holloway, P.E.
Vice President

Charles C. LePage, P.E.
Vice President

Lance W. Scott, P.E.
Vice President

The above referenced proposal is accepted by Franklin County this _____ day of _____, 2016.

ATTESTED:

FRANKLIN COUNTY, KANSAS
BOARD OF COMMISSIONERS

County Clerk

Chairman

Member

Member

Member

Member

Disclaimer: Bridge inspections in compliance with KDOT's Bridge Inspection Program shall be conducted by a qualified consultant under contract with the City/County ("Owner") or by qualified personnel employed by the Owner. KDOT's has determined that inspections must cover the scope of services set forth below to comply with 23 C.F.R. § 650 *et seq.* This listing is provided to assist Owners in performing or contracting to have performed inspection services that meet applicable bridge inspection requirements. These terms are not intended or represented by KDOT to constitute a contract or substitute as a professionally drafted contractual agreement. Bridge Owners should consult with legal counsel to obtain an appropriate contractual agreement including this scope of services when contracting with a bridge inspection consultant to meet their obligations under 23 C.F.R. § 650 *et seq.*

Scope of Services for Inclusion in Local Routine Bridge Inspection Contracts¹

General:

1. Routine bridge inspections shall be conducted in accordance with federal regulations and references listed in Appendix A.
2. Where applicable, all NBI Data Items and Condition States shall be verified during the inspection and updated or corrected. This may require coordination with the City/County on AADT and similar items not observable.
3. The work performed under City/County bridge inspection contracts is subject to review by KDOT. If errors or discrepancies are found, the Consultant, at no additional cost (or Owner if the inspection is performed by the Owner), shall be required to make corrections. KDOT's Bureau of Local Projects (BLP) will oversee QC/QA evaluations of bridge inspections including field reviews, review of ratings, bridge inspection files, and data entry.

Team Leader Requirements.

4. Bridge Inspection Team Leaders must be qualified as a Routine Team Leader on the Kansas Local Bridge Inspection Team Leader list maintained by KDOT BLP.
5. Substandard work is grounds for removal of the inspector from the KDOT BLP qualified bridge inspection team leader list.

Number and type of Bridges for Inspection.

6. The Owner has 7 routine non-NHS bridges to be inspected. (Routine qualified team leader required).
7. The Owner has 1 routine non-NHS bridges requiring an Inventory Inspection.² (Routine qualified team leader required).

Specific Requirements for Inspections.

8. The standard KDOT BLP Bridge Inspection Form (BIF) shall be used to record the field inspection data. Critical Findings shall be recorded on the standard KDOT BLP Critical Inspection Findings (CIF) form.
9. Review inspection cycles for all bridges within contracted bridge group to verify the proper inspection cycles have been set and followed.
10. Review scour analysis/assessment and scour plan of action information in the bridge folder, and report if the information is inadequate or needs updating.

¹ Bridge inspections conducted under KDOT's Bridge Inspection Program shall be conducted by a qualified consultant under contract with the City/County ("Owner") or by qualified personnel employed by the Owner. KDOT's has determined that inspections must cover the scope of services set forth below to comply with 23 C.F.R. § 650 *et seq.*

^{2,3} Bridges not currently in the inventory or bridges that have had major rehabilitation work require an Inventory Inspection using the Inventory Inspection form in the KDOT BLP Bridge Inspection manual.

11. Review load rating information in the bridge folder, and report if the information is inadequate or needs updating.
12. Review fracture critical information in the bridge folder, and report if the information is inadequate.
13. Review photographs in the bridge file; add any required photos that are not in the bridge folder. Provide new photographs of items as necessary to adequately document significant deficiencies, changed conditions, or repairs needed. Approach photographs should include the weight limit posting signs at each end of the bridge for all load posted bridges.
14. During the routine inspection, Critical Inspection Findings shall be reported to the bridge Owner immediately (by phone or in person).
15. During the routine inspection, any weight limit signs found missing, knocked down, damaged to the point of not being legible, or obscured by vegetation; shall be reported the same day to the bridge Owner (by phone or in person).
16. During the routine inspection, any observed items affecting the safety of the public, structural integrity of the bridge, or any existing warning signs (i.e. low clearance, one lane bridge, narrow bridge, sharp turn ahead, etc.) that have been knocked down, damaged to the point of not being legible, or obscured by vegetation; shall be reported the same day to the Owner (by phone or in person).

Deliverables:

17. The Inspection Data shall be entered in the KDOT BLP Bridge Inspection Portal (BIP) no later than 90 days following the bridge inspection. All NBI Data Items in the existing database shall to be checked while performing data entry and errors in the data shall be corrected.
18. Required reports and assembly of updates to the Owner's bridge folder shall be completed within 90 days of the completion of the field inspection.
19. The Routine Bridge Inspection Submittal forms must be filled out, signed, dated and stamped by a Professional Engineer licensed in Kansas and submitted within 90 days of completion of the field inspection to KDOT BLP (blp_bridge@ksdot.org) in scanned PDF format together with the BIP Bridge Data Validation list and BIP Sufficiency Rating Calculation results at the completion of the Routine inspection process.
20. By the deadline established by the Owner, provide __ copies of the Bound Report summarizing bridge inspection results of the maintenance recommendation report, and conforming to the requirements contained in Appendix B.
21. If applicable, the Critical Inspection Findings (CIF) forms must be submitted by the inspection team leader to KDOT BLP either electronically (pdf format) by paper within two days of routine inspection. The response by the Owner to the CIF shall be provided by the Owner to KDOT BLP within two (2) weeks of the submission of the CIF to KDOT BLP.

SUPPLEMENT A – STUDY PROCEDURES AND DESIGN CRITERIA

The procedures followed in the field inspection of the bridges and the criteria utilized in the subsequent structural analyses and weight limit ratings, where performed, were derived from the following reference sources:

1. American Association of State Highway and Transportation Officials (AASHTO) “Manual for Condition Evaluation of Bridges”, 1994, Second Edition as revised by 1995, 1996, 1998, 2000, and 2001 Interim Revisions.
2. KDOT BLP Bridge Inspection Manual.
3. Report No. FHWA-PD-96-001, Recording and Coding Guide for the Structure Inventory and Appraisal of the Nation’s Bridges, December 1995.
4. KDOT Design Manual, Volume III, Bridge Section, Bridge Load Rating, January 2005.
5. KDOT “Supplemental Coding Guide for Bridge Inspection and Rating”, 1993.
6. Report No. FHWA-IP-86-2, Culvert Inspection Manual, July 1986
7. Report No. FHWA-IP-86-26, Inspection of Fracture Critical Bridge Members, September 1986.
8. FHWA Bridge Inspector’s Training Manual/90, March 1995.
9. Kansas Department of Transportation, Bureau of Local Projects “Scour Evaluation Manual for Local Public Authorities”, August 1996.

SUPPLEMENT B – BOUND REPORT REQUIREMENTS

(Suggested report format-owner will modify to meet their needs)

Prepare a bound report summarizing the bridge inspection results. The report should include the following items.

- An introduction stating the time period of the bridge inspections, the names of the persons performing the inspections, and items not included in the inspection, such as approach guardrail, object markers, warning signs, etc.
- A table listing each bridge and include the following items.
 - County bridge number,
 - NBI number,
 - Length
 - Type of structure
 - Features intersected,
 - Facilities carried
 - Sufficiency rating.
 - Recommended weight limits
 - Existing weight limit signing
 - Date of inspection
 - Inspector name
 - If a load rating update is needed
 - If scour analysis is needed.
- A table listing all bridges that need an annual inspection, the inspection due date, the reason for the annual inspection, and the items that need to be inspected.
- A table listing all bridges that are fracture critical, a general description of the type of bridge, type of equipment needed to perform the inspection, and any items of concern.
- A table listing all bridges with pin and hangers.
- Bridge index map.

Prepare a separate bound report listing bridge maintenance items. Separate recommendation to critical maintenance needed to extend the life of the bridge and safety concerns, and a separate listing of routine maintenance items that need attention but are not urgent or safety related.

Franklin County Agenda Cover Sheet



To: Franklin County Board of County Commissioners
From: James M. Haag, Jr.
Department: Public Works
Date: Wednesday, February 24, 2016

AGENDA ITEM NARRATIVE

Consider authorizing the Chairman to execute the agreement with CFS Engineers for the fracture critical bridge inspections in the amount of \$,6,900.00

BACKGROUND

Franklin County fracture critical bridges were inspected by a consulting engineering firm in 2014. The bridges are required to be inspected in 2016.

SPECIFIC ACTION REQUESTED

Motion authorizing the Chairman to execute the agreement with CFS Engineers for the fracture critical bridge inspections in the amount of \$,6,900.00

ATTACHMENTS

Proposal



February 15, 2016

One Vision. One Team. One Call.

2930 SW Woodside Drive
Topeka, Kansas 66614
(785) 272-4706 Office
(785) 272-4736 Fax

cfse.com

Other Offices:
Lawrence, Kansas
Kansas City, Kansas
Wichita, Kansas
Kansas City, Missouri
Branson, Missouri
Springfield, Missouri
Jefferson City, Missouri

Franklin County Public Works
1428 S Main, Suite 5
Ottawa, KS 66067-3547

Attn: James M. Haag, Jr., Public Works Director

Re: Fracture Critical Bridge Inspection 2016

Dear Jim:

Cook, Flatt & Strobel Engineers, P.A. is pleased to submit a letter of agreement for fracture critical inspection of 3 bridges. We propose to conduct these inspections for the following:

<u>Bridge</u>	<u>Type</u>	<u>Cost</u>
1-8.2 (BSN 720)	2-Girder	\$ 500.00
16.6-12.1	Truss	\$ 3,200.00
17-11.8	Truss	\$ 3,200.00
Total Cost of Fracture Critical Inspection		\$ 6,900.00

The services will be provided in compliance with Kansas Department of Transportation and Federal Highway Administration requirements and as per the attached scope of services.

If this meets with your approval, please indicate by signature below and return one copy to our office. We appreciate your continued consideration.

Respectfully,
CFS Engineers, P.A.

Robert S. Chambers, P.E.

Kenneth M. Blair, P.E.
Chairman

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

Sabin A. Yañez, P.E.
Senior Vice President-Secretary

Kevin K. Holland, P.E.
Vice President

Daniel W. Holloway, P.E.
Vice President

Charles C. LePage, P.E.
Vice President

Lance W. Scott, P.E.
Vice President

The above referenced proposal is accepted by Franklin County this _____ day of _____, 2016.

FRANKLIN COUNTY, KANSAS
BOARD OF COMMISSIONERS

ATTESTED:

_____	_____
County Clerk	Chairman
_____	_____
Member	Member
_____	_____
Member	Member

Disclaimer: Bridge inspections in compliance with KDOT's Bridge Inspection Program shall be conducted by a qualified consultant under contract with the City/County ("Owner") or by qualified personnel employed by the Owner. KDOT's has determined that inspections must cover the scope of services set forth below to comply with 23 C.F.R. § 650 *et seq.* This listing is provided to assist Owners in performing or contracting to have performed inspection services that meet applicable bridge inspection requirements. These terms are not intended or represented by KDOT to constitute a contract or substitute as a professionally drafted contractual agreement. Bridge Owners should consult with legal counsel to obtain an appropriate contractual agreement including this scope of services when contracting with a bridge inspection consultant to meet their obligations under 23 C.F.R. § 650 *et seq.*

Scope of Services for Inclusion in Local Fracture Critical Bridge Inspection Contracts¹

General

1. Fracture Critical bridge inspections shall be conducted in accordance with federal regulations and references listed in Appendix A.
2. Where applicable, all NBI Data Items and Condition States shall be verified during the inspection and updated or corrected. This may require coordination with the City/County on AADT and similar items not observable.
3. The work performed under City/County bridge inspection contracts is subject to review by KDOT. If errors or discrepancies are found, the Consultant, at no additional cost (or Owner if the inspection is performed by the Owner), shall be required to make corrections. KDOT's Bureau of Local Projects (BLP) will oversee QC/QA evaluations of bridge inspections including field reviews, review of ratings, bridge inspection files, and data entry.

Team Leader Requirements

4. Bridge Inspection Team Leaders must be qualified as a Fracture Critical Team Leader on the Kansas Local Bridge Inspection Team Leader list maintained by KDOT BLP and also qualified as an Element Level Team Leader on the same list to lead bridge inspections for all NHS bridges.
5. Substandard work is grounds for removal of the inspector from the KDOT BLP qualified bridge inspection team leader list.

Number and type of Bridges for Inspection.

6. The Owner has 3 Fracture Critical bridges to be inspected. (Fracture Critical qualified team leader required).

Specific Requirements for Inspections

7. The standard KDOT BLP Fracture Critical Bridge Inspection Form (FCBIF) shall be used to record the field inspection data. Critical Findings shall be recorded on the standard KDOT BLP Critical Inspection Findings (CIF) form. All critical inspection findings shall be in accordance with the Critical Inspection Finding section found in Chapter 1 - Policies and Procedures of the BLP Bridge Inspection Manual.

¹ Bridge inspections conducted under KDOT's Bridge Inspection Program shall be conducted by a qualified consultant under contract with the City/County ("Owner") or by qualified personnel employed by the Owner. KDOT's has determined that inspections must cover the scope of services set forth below to comply with 23 C.F.R. § 650 *et seq.*

8. Review inspection cycles for all bridges within contracted bridge group to verify the proper inspection cycles have been set and followed.
9. Review load rating information in the bridge folder, and report if the information is inadequate or needs updating. Load ratings shall be updated when at any time the routine inspection cycle changes from biennial to annual or vice versa. All new load ratings shall be in accordance with the Load Rating section found in Chapter 1 - Policies and Procedures of the BLP Bridge Inspection Manual.
10. Review fracture critical information in the bridge folder, and report if the information is inadequate.
11. Review photographs in the bridge file; add any required photos that are not in the bridge folder. Provide new photographs of items as necessary to adequately document significant deficiencies, changed conditions, or repairs needed. Approach photographs should include the weight limit posting signs at each end of the bridge for all load posted bridges.
12. During the fracture critical inspection, Critical Inspection Findings shall be reported to the bridge Owner immediately (by phone or in person).
13. During the fracture critical inspection, any weight limit signs found missing, knocked down, damaged to the point of not being legible, or obscured by vegetation; shall be reported the same day to the bridge Owner (by phone or in person).
14. During the fracture critical inspection, any observed items affecting the safety of the public, structural integrity of the bridge, or any existing warning signs (i.e. low clearance, one lane bridge, narrow bridge, sharp turn ahead, etc.) that have been knocked down, damaged to the point of not being legible, or obscured by vegetation; shall be reported the same day to the Owner (by phone or in person).

Work Required:

15. The following activities are required for all fracture critical bridge inspections on the local system in Kansas.
 - A. A fracture critical bridge inspection shall be performed on all fracture critical members (FCM's) for each fracture critical bridge identified above. A FCM is defined as a steel member in tension, or with a tension element, whose failure would probably cause a portion of or the entire bridge to collapse. Tension components of a bridge member consist of components of tension members and those portions of a flexural member that are subject to tension stress. Any attachment having a length in the direction of the tension stress greater than 4 in. (10 cm) that is welded to the tension area of a component of a "fracture critical" member shall be considered part of the tension component and, therefore, shall be considered "fracture critical".
 - B. All FCM shall be inspected within a distance equal to or less than 18 inches, otherwise known as "arms length".
 - C. At least one non-destructive testing (NDT) method including, but not limited to, dye penetrant, magnetic particle, eddy current, or ultrasound are strongly encouraged to be conducted on any suspected crack discovered during the fracture critical bridge inspection to

aid in determining the presence and extent of cracks, discontinuities, deficient welds, or other irregularities.

- D. Any observed and/or appreciable active section loss on members which are normally analyzed to determine the safe load carrying capacity of the bridge shall be measured and documented sufficiently to allow for future analysis of the structure. Where active corrosion has reduced the section of an element or gusset plate, measurements shall be taken at the areas where the most section loss has occurred. Appreciable section loss shall be defined as a reduction of the member's section by ten percent (10%) or more. The documentation shall include a photo of the area of section loss showing the outline of the corroded area and member name using the member naming convention found in Appendix B. All outlines shall be done in a permanent paint pen using a color that will be readily visible against the color of the member being marked. Where there has been no observed section loss, no measurements are required. Painted over areas of "old" section loss having been measured by previous inspections, need not be re-measured or shown if there are no indications of active corrosion.
- E. All loose or missing rivets or bolts shall be noted in the Fracture Critical Bridge Inspection Report.
- F. All steel pier caps (either box or I-section), including unusual connection details, shall be carefully inspected for cracks and poorly designed or fabricated details. Specifically for a box section, the fracture critical bridge inspection shall include inspection of both the interior and exterior of the box section. Removal and replacement of all access hatches are the responsibility of the Consultant. When replacing the hatches, they shall be reinstalled to a similar condition as they were found in.
- G. The fracture critical bridge inspection for all steel trusses shall include an "arm's length" inspection of all FCM's and gusset plates. The inspection team shall also examine each gusset plate from the side or profile. If it appears any gusset plate or member is "out of plane", measurements shall be taken using a straight edge to quantify the severity of "out of plane" deflections. Photos of the "out of plane" deflections shall be included in the Fracture Critical Bridge Inspection Report.
- H. The Consultant shall be responsible for identifying and noting all visible defects whether as a result of deterioration, original construction, or original design. They shall also be responsible for identifying and noting areas of potential failure as a result of deterioration or inadequate details. This shall include the removal of debris including, but not limited to, heavy rust, organic waste, lead based paint or steel grit. The Consultant will not be responsible for identifying and noting structural conditions which occur after the date of their inspection, providing the condition was not visibly evident at the time of their inspection.

Deliverables:

- 16. A Fracture Critical Bridge Inspection Report for each structure identified using the Local Project's Fracture Critical Bridge Inspection Form (FCBIF). At the minimum, the report shall include the following:
 - A. Inspection notes listing location/identification of all observed deficiencies, photos of all applicable found or typical deficiencies, and recommendations in the spaces provided within the FCBIF.

- B. 11"x17" drawings showing plan and elevation views of the bridge and identifying which members are FCMs, and the locations of all photos.
 - C. Inspection procedures used including access equipment.
 - D. The type and results of NDT method(s) performed.
 - E. Provide one individual bound copy of the Fracture Critical Bridge Inspection Report to the LPA for each bridge undergoing a fracture critical bridge inspection to be filed with its applicable bridge record kept with the LPA.
17. The Inspection Data shall be entered in the KDOT BLP Bridge Inspection Portal (BIP) no later than 90 days following the fracture critical bridge inspection. All NBI Data Items in the existing database shall to be checked while performing data entry and errors in the data shall be corrected.
18. Required reports and assembly of updates to the Owner's bridge folder shall be completed within 90 days of the completion of the field inspection.

APPENDIX A STUDY PROCEDURES AND DESIGN CRITERIA

The procedures followed in the field inspection of the bridges and the criteria utilized in the subsequent structural analyses and weight limit ratings, where performed, were derived from the following reference sources, current editions:

1. American Association of State Highway and Transportation Officials (AASHTO)
The Manual for Bridge Evaluation
2. KDOT BLP Bridge Inspection Manual
3. Report No. FHWA-PD-96-001, Recording and Coding Guide for the Structure
Inventory and Appraisal of the Nation's Bridges
4. KDOT Design Manual, Volume III, Bridge Section, Bridge Load Rating
5. KDOT "Supplemental Coding Guide for Bridge Inspection and Rating"
6. Manual on Uniform Traffic Control Devices
7. Report No. FHWA-IP-86-26, Inspection of Fracture Critical Bridge Members
8. FHWA Bridge Inspector's Reference Manual

APPENDIX B FRACTURE CRITICAL MEMBER NAMING CONVENTION

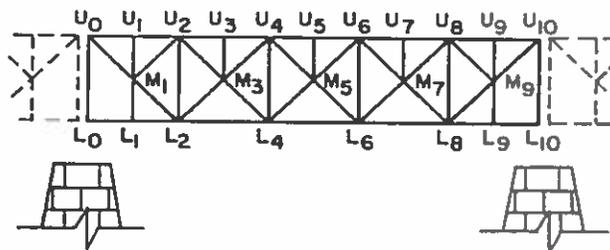
The naming convention shall follow the listed abbreviations below.

<u>Bridge Member</u>	<u>Example</u>
Arch=A	A1, A2
Truss=T	T1, T2
Span=SP	SP1-SP4
Unit=UN	UN1, UN2-UN3
Abutment=AB	AB 1, AB2
Pier=P	P1, P2, P3
Beam=B	B1 – B6
Diagonal=M	M3, M5
Girder=G	G1 - G2
Floorbeam=FB	FB1 – FB15
Stringer =S	S1 – S4
Upper=U	U2 - U5
Lower=L	L5 – L10
Vertical=V	V1, V5, V9
Portal=PT	PT1
Wind Bracing=WB	WB0-WB3
Bearing=BRG	BRG1, BRG2
Expansion Joint=JT	JT1, JT2
Cable=C	C1 - C6
Pin and Hanger=PH	PH1, PH2

Once the type of member is determined and the proper abbreviation is selected, members will be numbered in accordance with state stationing standards and follow cardinal directions from south to north or west to east.

Examples:

<u>Member</u>	<u>Designation</u>
West Arch	A1
East Truss	T2
South Portal	PT1
3 rd Diagonal/E. Arch	A2/M3
South Unit/2 nd Span from South/3 rd Girder from West	U1/SP2/G3
West Truss/North Bearing	T1/BRG2
2 nd Unit from South/South Span/4 th Vert. from South	U2/SP1/V4



Franklin County Agenda Cover Sheet



To: Franklin County Board of County Commissioners
From: James M. Haag, Jr.
Department: Public Works
Date: Wednesday, February 24, 2016

AGENDA ITEM NARRATIVE

Consider offering a Dust Control Program, approving the application form and soliciting bids for the application of a magnesium chloride solution for the Dust Control Program and waiving the publication requirement

BACKGROUND

Annually the department has offered a Dust Control Program. Soliciting bids for the application of a magnesium chloride solution is required by the purchasing policy.

SPECIFIC ACTION REQUESTED

Motion offering a Dust Control Program, approving the application form and soliciting bids for the application of a magnesium chloride solution for the Dust Control Program and waiving the publication requirement

ATTACHMENTS

Bid Form, Solicitation of Bids and Application

SOLICITATION OF BIDS

The Board of County Commissioners of Franklin County, Kansas is soliciting bids for Dust Control Chemical and Application.

Additional information, including detailed specifications required, may be obtained from the Franklin County Public Works Department, 1428 S. Main, Suite 5, Ottawa, KS 66067, or by calling 785-229-3550. All bids must be sealed and addressed as follows:

Franklin County Clerk
Attn: Bids: 2016 Dust Control
315 S. Main
Ottawa, KS 66067

Bids must be received by the Franklin County Clerk no later than 11:00 a.m. on Thursday, March 10, 2016. Bids not received by 11:00 a.m. on March 10, 2016, will not be considered. Bids will be opened at 1:00 p.m. in the office of the Franklin County Clerk. Franklin County reserves the right to reject any or all bids.

Richard A. Howard, Chairman

Attest:

Janet Paddock, County Clerk

FRANKLIN COUNTY PUBLIC WORKS

**James M. Haag, Jr., Director
1428 S. MAIN, Suite 5
OTTAWA, KS 66067-3547
(785) 229-3550
FAX (785) 229-3504**

BOARD OF COMMISSIONERS

Colton M. Waymire, District 1
Richard A. Howard, District 2
Roy C. Dunn, District 3
Steven W. Harris, District 4
Randall L. Renoud, District 5

Date: _____

APPLICATION FOR 2016 DUST CONTROL

Name: _____

Address: _____

Home Telephone No.: _____ Business Telephone No. _____

Address to be treated: _____

This is the only dust control program offered or recognized by the County. The County does not warrant the product in any way; this service will be provided by an independent contractor.

The deadline to apply for this program is March 30, 2016. Applications received after this date will be returned.

A single application will be used. The exact date will depend on weather conditions and product availability. Flags will be provided by the County to be used for marking the area to be treated. These flags will be placed near your mailbox within ten days of the application date.

The resident will be responsible for marking the area to be treated. If the area to be treated is not clearly marked on the day of the application, this agreement is void and the payment will be returned.

The County will make every effort to not disturb the treated area during a period ending on September 15, 2016. After that time we will resume normal maintenance operations. Maintenance **activities on dust control areas, as with other parts of the county road system, will be solely at the discretion of the Road Superintendent.**

(Over)

Please detail any special instructions below. Example: "Address does not match area to be treated" or "On corner lot, both roads to be treated," etc.

A signed copy of this application and full payment for the desired treatment should be sent to:

Franklin County Public Works
Attn: Dust Control 2016
1428 S. Main, Suite 5
Ottawa, KS 66067

(Make check payable to Franklin County Public Works.)

The cost for this treatment will be \$1.40 per foot. A minimum of 300 feet is required \$420.00.

I hereby request that _____ feet of dust control agent be applied to the above listed address of area to be treated. My check for \$_____ is enclosed. **I understand and agree to the terms of the Dust Control Program.**

Signature Date



Payment received: Amount: _____ Date: _____ By: _____

FRANKLIN COUNTY PUBLIC WORKS

**James M. Haag, Jr., Director
1428 S. MAIN, Suite 5
OTTAWA, KS 66067-3547
(785) 229-3550
FAX (785) 229-3504**

**BOARD OF COMMISSIONERS
Colton M. Waymire, District 1
Richard A. Howard, District 2
Roy C. Dunn, District 3
Steven W. Harris, District 4
Randall L. Renoud, District 5**

February 24, 2016

Franklin County will be using Magnesium Chloride (MgCl) for dust control during 2016. The County will prepare the roadbed for application and will guide the applicator to the areas that are to be treated. We will to make one application: the application will be at the rate of .50 gal per square yard.

We are currently taking applications from the landowners for dust control and will not have the total amount needed until we quit taking applications March 30, 2016. We treated 57 areas in 2007 totaling 49,578 square yards (23,301 running ft. x 20-ft wide). We treated 58 areas in 2008 totaling 47,430 square yards (21,343.5 running ft. x 20-ft wide). We treated 43 areas in 2009 totaling 37,773 square yards (16,998 running ft. x 20-ft wide). We treated 42 areas in 2010 totaling 38,389 square yards (17,275 running ft x 20-ft wide) and treated 49 areas in 2011 totaling 42,753 square yards (19,239 running ft x 20-ft wide). Treated 48 areas in 2012 totaling 40,240 square yards (18,108 running ft x 20 ft wide).). Treated 58 areas in 2013 totaling 52,211 square yards (23,495 running ft x 20 ft wide). Treated 75 areas in 2014 totaling 32,070 square yards (14,446 running ft x 20 ft wide). Treated 91 areas in 2015 totaling 80,782 square yards (36,352 running ft x 20 ft wide).

I am asking for quotes for two estimates of areas to be treated. We want to do the treatment starting in early May 2016.

Franklin County would prefer for the applicator to “pre-wet” each area (.5 gallon of water per square yard) ahead of the MgCl application. We have bid “pre-wetting” as an option. If the cost of the option is higher than expected, the County may wish to do the “pre-wetting” itself. Water will be supplied by Franklin County.

- 1) MgCl (30% minimum) applied to 80,000 square yards: \$_____ per gallon MgCl (applied).
- 2) Pre-wetting 80,000 square yards: \$_____per gallon (applied).
- 3) MgCl (30% minimum) applied to 40,000 square yards: \$_____ per gallon MgCl (applied).
- 4) Pre-wetting 40,000 square yards: \$_____ per gallon (applied).

Please make any comments below that you feel make you the best vendor to apply dust control materials on Franklin County roads during 2016.

PLEASE USE THIS FORM FOR BIDDING

Vendor Name: _____

Vendor Address: _____
City State Zip

Vendor Representative: _____

Date: _____