



## Local Off-System Bridge Program



Federal Fiscal Year

Submittal Date

### 1. General Applicant Information

a. Name of Local Public Agency (LPA)

b. Name and title of primary contact person

*Should be an elected official or employee of the LPA*

Address

Phone Number

email

### 2. Project Location and Description - *Attach additional sheets as necessary*

Project Location

Project Length (miles)

*Project Scope (description of work: replacement, rehabilitation, etc)*

NBI (15 digit) Structure Number

LPA Bridge ID

**3. Estimated Cost of the Project - (Current Year)**

a. Construction	\$510,000.00
b. Construction Engineering	\$90,000.00
c. Inflation Amount [(a+b) x 0.092]	\$55,200.00
d. Total Estimated Cost [(a+b+c)]	\$655,200.00
e. Federal Fund Amount [(a+b+c) x 0.80] (If >\$1,000,000.00 then use \$1,000,000.00)	\$524,160.00
f. Local Match [(d-e)]	\$131,040.00

*HARPER CO. COST* →

**5. Coordination Information**

Please include a brief summary of the stage of development for this project.  
If a project number was previously assigned please provide it here.

Harper County is ready to move forward with field check plans, final design, right-of-way acquisition, and utility moves required for this project if accepted for funding by KDOT.

**Attachment Checklist**

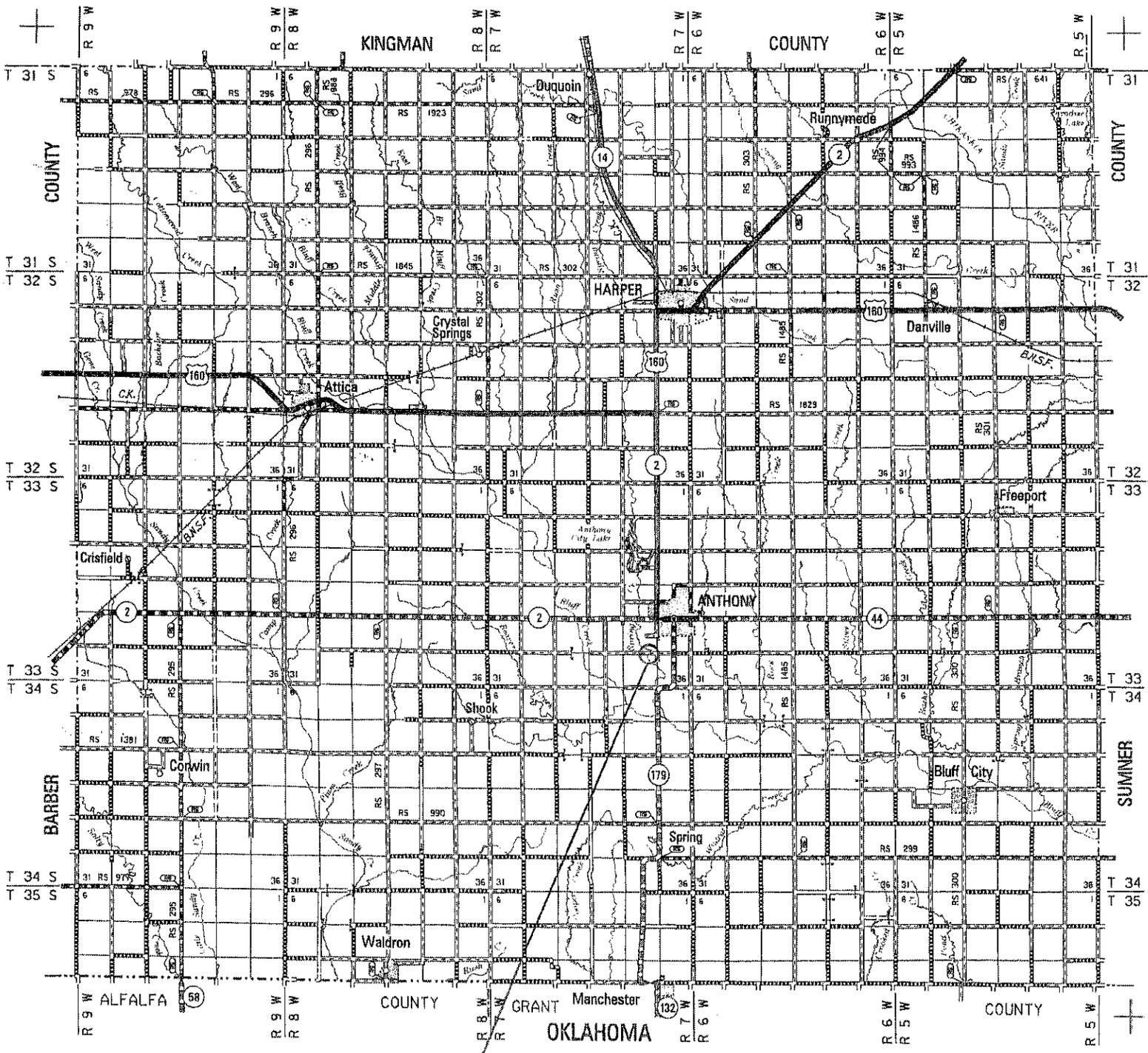
- a. Project Map

Submit Application by mail to:

Kansas Department of Transportation  
Bureau of Local Projects  
Eisenhower State Office Building  
700 SW Harrison, 10th Floor  
Topeka KS 66603-3745

Complete applications may also be emailed to [lpeplans@ksdot.org](mailto:lpeplans@ksdot.org). To confirm receipt, if you do not receive an email response, please follow up with a call to the Bureau of Local Projects at 785.296.3861.

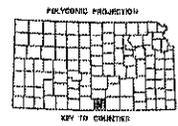




Q.7-18.0

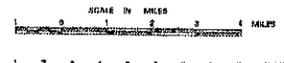
LEGEND

ROADS AND ROADWAY FEATURES		ROAD SYSTEM DESIGNATION	
Primitive Road (Type A1)	-----	Rural Secondary System	RS
Unimproved Road (Type B)	-----	Interstate Numbered Highway	
Graded and Drained Road (Type C)	-----	U.S. Numbered Highway	
Soil Surfaced Road (Type D)	-----	State Highway System or State Numbered Highway	
Gravel or Stone Road - Graded and Drained (Type E-2)	-----	End of Designated System or Marked Route	
Projected Road	-----	Kansas Turnpike Authority	
Bluminous Road - Low Type (Type F, G-1, H-1)	-----		
Paved Road (Type G-2, H-2, I, J, K, L)	-----		
Graded Highway	-----		
Highway With Full Control of Access and Interchange	-----		



GENERAL HIGHWAY MAP  
HARPER COUNTY  
KANSAS

PREPARED BY THE  
KANSAS DEPARTMENT OF TRANSPORTATION  
BUREAU OF TRANSPORTATION PLANNING  
34 DOORWAYVILLE ROAD  
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION



HS SYSTEM REVISED TO APRIL 20, 2000

1999

COMPUTER GENERATED

## Structure Inventory & Appraisal (English)

(8) STRUCTURE NO      000390741706940      (1) STATE      Kansas      (4) CITY      Rural      (3) COUNTY      Harper  
 LPA Bridge ID      Q.7-18.0      LPA Bridge Name      -      (5A) ROUTE ON/UNDER      Route On Structure

IDENTIFICATION	
(5B) ROUTE TYPE	County Hwy
(5C) SERVICE TYPE	Mainline
(5D) ROUTE NUMBER	00000
(5E) SUFFIX	N/A (NBI)
(6A) FEATURE INTERSECTED	SPRING CREEK
(9) LOCATION	0.8W 1.0S OF ANTHONY
(16) LATITUDE	37 ° 08 ' 15.23 "
(17) LONGITUDE	98 ° 02 ' 39.39 "
(2) HIGHWAY AGENCY DISTRICT	District 05 - Hutchinson
(98A) BORDER BRIDGE STATE	Not Applicable (P)
(98B) BORDER BRIDGE RESPONSIBILITY	%
(99) BORDER BRIDGE STRUCTURE NO.	-
(7) (ROUTE NAME) FACILITY CARRIED	LOCAL Q.7-18.0

FUNCTIONAL DESCRIPTION	
(26) FUNCTIONAL CLASSIFICATION	Rural Local
(104) NHS DESIGNATION	Not on NHS
(100) STRAHNET DESIGNATION	Not a STRAHNET hwy
(110) NATIONAL TRUCK NET	Not part of natl netwo
(12) BASE HIGHWAY NET	Not on Base Network
(13A) LRS INVENTORY ROUTE	(13B) LRS SUBRTE #
(11) LRS MILE POINT	0.000 MI
(105) FEDERAL LANDS HIGHWAY	N/A (NBI)
(20) TOLL	Rdwy Agrmt
(21) MAINTAINANCE RESPONSIBILITY	County Hwy Agency
(22) OWNER	County Hwy Agency
(37) HISTORICAL SIGNIFICANCE	Possibly eligible for
(101) PARALLEL STRUCTURE	No    bridge exists
(103) TEMPORARY STRUCTURE	Not Applicable

AGE AND SERVICE	
(29) AVERAGE DAILY TRAFFIC	10
(109) AVERAGE DAILY TRUCK TRAFFIC	-1 %
(30) YEAR OF ADT	2013
(27) YEAR BUILT	1945
(106) YEAR REHABILITATED	
(102) ONE WAY OR TWO WAY TRAFFIC	2-way traffic
(42A) SERVICE ON THE BRIDGE	Highway
(42B) SERVICE UNDER THE BRIDGE	Waterway
(28A) LANES ON ROUTE	2
(28B) LANES UNDER ROUTE	0
(19) BYPASS DETOUR LENGTH	2.000 MI

LOAD RATING	
(66) INVENTORY LOAD RATING	10 ton, HS 5.00
(64) MAXIMUM LOAD RATING	15 ton, HS 7.00
(31) DESIGN LOAD	0 Unknown
(65) INVENTORY LOAD RATING METHOD	AS Allowable Stress
(63) OPERATING (MAX) LOAD RATING METHOD	AS Allowable Stress
(70) POSTING REQUIREMENTS	30.0-39.9%below
(41) POSTING STATUS	Posted for load

SCHEDULE			
(90) ROUTINE INSPECTION DATE			01/11/2016
(91) ROUTINE INSPECTION FREQUENCY			12 MO
(92) CRITICAL FEATURE INSPECTION:		(93) INSP DATE	
A) FRACTURE CRITICAL	N	MO	A)
B) UNDERWATER INSP	N	MO	B)
C) SPECIAL INSP	N	MO	C)

PROPOSED IMPROVEMENTS	
(75A) TYPE OF WORK	Repl-Load Capacity
(75B) WORK BY	Contract
(76) IMPROVEMENT LENGTH	160.10 FT
(94) BRIDGE COST	\$430000
(95) ROADWAY COST	\$110000
(96) TOTAL COST	\$540000
(97) COST ESTIMATE YEAR	2016
(114) FUTURE ADT	12
(115) FUTURE ADT YEAR	2037

GEOMETRIC DATA	
(112) NBIS BRIDGE DEFINITION	Long Enough
(49) STRUCTURE LENGTH	120.1 FT
(48) MAXIMUM SPAN LENGTH	17.0 FT
(32) ROUTE WIDTH	20.0 FT
(51) BRIDGE ROADWAY WIDTH, CURB TO CURB	17.1 FT
(52) DECK WIDTH OUT TO OUT	18.0 FT
(50A) LEFT CURB OR SIDEWALK WIDTH	0.0 FT
(50B) RIGHT CURB OR SIDEWALK WIDTH	0.0 FT
(34) SKEW	0.0 °
(47) ROUTE HORIZONTAL CLEARANCE	16.7 FT
(10) MIN VERT CLEARANCE OVER ROUTE	99.99 FT
(53) MIN VERT CLEARANCE OVER BRIDGE	99.99 FT
(33) MEDIAN	No Median
(35) STRUCTURE FLARED	No flare
(54A) MIN VERT UNDERCLEARANCE REF	Feature not hwy or RR
(54B) MIN VERT UNDERCLEARANCE	0.00 FT
(55A) MIN LATERAL UNDERCLEAR REF RT	Feature not hwy or RR
(55B) MIN LATERAL UNDERCLEAR RT	99.9 FT
(56) MIN LATERAL UNDERCLEARANCE LEFT	0.0 FT

STRUCTURE AND MATERIALS	
(45) NUMBER OF MAIN SPANS	7
(43B) MAIN SPAN DESIGN TYPE	Stringer/Girder
(43A) MAIN SPAN MATERIAL TYPE	Wood or Timber
KDOT MAIN SPAN MATERIAL TYPE:	
	7 - 02 : TBMS
	Timber Beam, Simple
(107) DECK TYPE	Wood or Timber
(108A) DECK SURFACE	Wood or Timber
(108B) MEMBRANE	None
(108C) DECK PROTECTION	None
(46) NUMBER OF APPROACH SPANS	0
(44B) APPROACH SPAN DESIGN TYPE	Not Applicable
(44A) APPROACH SPAN MATERIAL TYPE	Not Applicable
KDOT APPROACH SPAN MATERIAL TYPE:	

CONDITION	
(58) DECK CONDITION RATING	5
(59) SUPERSTRUCTURE CONDITION	6
(60) SUBSTRUCTURE CONDITION	4
(62) CULVERT CONDITION	N
(61) STREAM STABILITY / CHANNEL	6

APPRAISAL	
DEFICIENCY STATUS	Structurally Deficient
(72) BRIDGE ROUTE ALIGNMENT	8
(71) WATERWAY ADEQUACY	6
(113) SCOUR VULNERABILITY	-
(67) STRUCTURAL EVALUATION	2
(68) DECK WIDTH APPRAISAL	3
(69) HORIZ. UNDERCLEARANCE APPRAISAL	N
SUFFICIENCY RATING	23.50
(36A) BRIDGE RAILS	0
(36B) RAIL TRANSITIONS	0
(36C) APPROACH GUARDRAILS	0
(36D) APPROACH GUARDRAIL ENDS	0

NAVIGATION DATA	
(38) NAVIGABLE WATERWAY	Permit Not Required
(39) NAVIGATION VERTICAL CLEARANCE	FT
(40) NAVIGATION HORIZONTAL CLEARANCE	FT
(111) SUBSTRUCTURE NAV PROTECTION	Unknown (NBI)
(116) MIN NAV VERT CLEAR VERT LIFT BRIDGE	FT

### PROJECT PROGRAMMING REQUEST

<input checked="" type="checkbox"/> New Project		<input type="checkbox"/> Amend Existing Project		Date:	9/15/2016
Program Year: 2018		Funding Program:		Off-System Bridge	
KDOT District		MPO		MPO TIP #	
5					
County	City	Route / Corridor	Functional Classification		
Harper			7 = Local		
Project Sponsor / Lead Agency					
Harper County					
Project Mgr / Contact		Phone		E-mail Address	
John McClure		620-842-5240		jmclure@harpercountyks.gov	
Project Title					
Harper County Bridge Replacement					
Project Length: 0.150 miles		Desired Letting Date:		July 2018	
Location, Project Limits, Description, Scope of Work					
Replace Bridge # 000390741706940 at 1.0 miles South and 0.8 miles West of Anthony					
Purpose and Need					
Replace existing 17' Timber Beam bridge that is in poor condition. <i>7-18' spans Overall length 126'</i>					
Project Benefits					
Remove deficient bridge from inventory and provide a new bridge.					
RR within 1/2 mile?	RR Company Name	No. of Tracks	Existing Crossing Protection		
<i>No</i>	<i>NO</i>	<i>No</i>	<i>No</i>		

In accordance with the Bureau of Local Projects (BLP) Memo 99-11, dated December 16, 1999, we are required, under the Comprehensive Transportation Program (CTP), to collect and record total costs of all work phases of projects. This includes local agency federal-aid and state-aid projects that include any non-participating, pre-construction local agency costs for preliminary engineering (plan design), rights of way and utility adjustments. Please show your estimate of the cost for all work phases below:

Project Cost Estimate			
	Participating	Non-Participating	Total
PE (Design)	\$ -	\$ -	\$ -
Utilities	\$ -	\$ -	\$ -
ROW	\$ -	\$ -	\$ -
CE (Inspection)	\$ 90,000.00	\$ -	\$ 90,000.00
Construction Total	\$ 510,000.00	\$ -	\$ 510,000.00
	\$ 510,000.00	\$ -	\$ 510,000.00
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -

**PROJECT PROGRAMMING REQUEST**

	\$	-	\$	-	\$	-
<b>Project Totals</b>	\$	<b>600,000.00</b>	\$	-	\$	<b>600,000.00</b>

BE IT RESOLVED: That sufficient funds from Harper County

are now, or will be available and are hereby pledged to the Secretary in the amount and at the time required for the supplementing of federal funds available for the completion of this project. Prior to Federal Authorization, any project expenditures made by the LPA are ineligible for federal funding and remain the responsibility of the LPA. Upon cancellation of the project by the LPA, the LPA shall reimburse the Secretary within thirty (30) days after receipt of statement of cost incurred by the Secretary prior to cancellation.

Please sign below in accordance with your local policy.

Recommended for Approval:

Appropriate Local Officials

\_\_\_\_\_

Title

\_\_\_\_\_

Title

ATTEST:

\_\_\_\_\_

Title

\_\_\_\_\_

Title

\_\_\_\_\_

Title