February 24, 2014

Mr. Richard LaMunyon City Administrator City of Maize 10100 W Grady Avenue P.O. Box 245 Maize, Kansas 67101

Subject: City of Maize Bridge Inspections; PEC Project No. 32-14065-0022

Dear Mr. LaMunyon,

We have completed our inspections of the 4 bridges in the City of Maize. There are two structures that warrant load postings. See the attached summary of posting requirements map for clarification. In addition, the structure at 61st St. over the Big Slough Tributary continues to be functionally obsolete, as it has been the last few inspection cycles. The following is a brief summary of the important findings.

	Structure No. Facility Carr		Feature Intersected	Location	Posting	Posting Signs	Functionally Obsolete / Structurally Deficient
001	517650870000001	Local Access	Big Slough Tributary	300' NE of K-96 & 45th St.	Not Posted	1	-
002	000870809006069	Tyler Rd.	Big Slough	400' N of 45th St.	Not Posted	Remove	=
003	000870807606040	61st St.	Big Slough Tributary	0.33 Mi. W of Tyler Rd.	Posted	15-23-36	FO
004	000870809006041	Tyler Rd.	Little Slough	600' S of 61st St.	Posted	14-20-23	-

Enclosed is a bridge inspection submittal sheet for the City of Maize 2014 biennial bridge inspections. Attached with this submittal sheet is a bridge location map, master list, maintenance list, other lists as required by the KDOT Local Routine Bridge Inspection Contract Scope of Services, KDOT's web portal data validation, sufficiency forms, and updated load ratings for the structures. Also included are the bridge inventory & assessments, the new inspection forms, the field inspection forms, and inspection photographs for each structure. Please combine these files with your previous inspection files which must be kept for KDOT BLP field reviews and used as a reference for future re-inspections.

If you have any questions or need additional information, please call.

Very truly yours,

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.

C. William Pyles Jr., P.E. Bridge Design Engineer

CWPJ

Encl: As noted

Routine Bridge Inspection Submittal

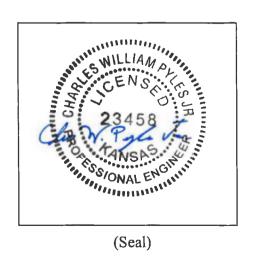
	Maize
County/City	

This form shall be completed and attached to the SI&A Forms and any updates (removals, additions, and/or transfers) when submitted to the Bureau of Local Projects for updating of bridge inspection records.

Inspections Team Leader	C. William Pyles Jr.	_ Date _	Feb 19, 2014
Load Ratings Performed by	N/A	Date_	N/A
Office Review Performed by	C. William Pyles Jr.	Date	Feb 20, 2014
Scour POA's Reviewed by	C. William Pyles Jr.	— — — Date	Feb 24, 2014
Data Validation Performed by	C. William Pyles Jr.	* Date	Feb 20, 2014
Sufficiency Rating Calculated by	C. William Pyles Jr.	* Date	Feb 20, 2014

The licensed professional Engineer in charge of the inspection group should sign and seal below.

(Signature)



^{*}Please attach web portal generated Data Validation/Sufficiency Rating forms along with scanned Scour Plan of Action Section 2(s) for all applicable bridges with this submittal.

										CITY OF MA	NZE 2014 BIE	NNIAL I	NSPECTI	ON											
	MASTER LIST																								
City	Structure Structure Insp. Inspected Insp. Inspected Insp. Missing Weight SD/FO Sufficiency Route Scour Structural Deck Width Load Rating Scour Analysis /																								
No.	Structure No.	Facility Carried	Feature Intersected	Location	Type	Length	M/YR	Ву	Freq.	Posting	Limit Signing?	Status	Number	Deck	Super	Sub	Culvert	Channel	Alignment	Waterway	Vulnerability	Evaluation	Appraisal	Update Rqd	Assessment Rqd
	8	7	6A	9	43	49	90		91	41				58	59	60	62	61	72	71	113	67	68		
001	517650870000001	Local Access	Big Slough Tributary	300' NE of K-96 & 45th St.	119	23.1	2/14	CWPJ	24	Not Posted	=	-	96.50	N	Ν	N	8	7	8	8	8	7	9	N	N
002	000870809006069	Tyler Rd.	Big Slough	400' N of 45th St.	201	118.1	2/14	CWPJ	24	Posting Not Required	Remove Signs	-	90.00	6	8	8	N	8	8	8	5	8	4	N	N
003	000870807606040	61st St.	Big Slough Tributary	0.33 Mi. W of Tyler Rd.	119	27.9	2/14	CWPJ	24	15-23-36	All Present	FO	57.40	N	N	N	6	6	7	6	8	5	3	Υ	N
004	000870809006041	Tyler Rd.	Little Slough	600' S of 61st St.	319	25.9	2/14	CWPJ	24	Posting Required	14-20-23	-	71.30	N	N	N	7	7	7	7	8	4	5	Y	N

CITY OF MAIZE 2014 BIENNIAL INSPECTION MAINTENANCE LIST City Facility Carried Feature Intersected Recommended Maintenance Structure No. Location Big Slough Tributary 001 517650870000001 Local Access 300' NE of K-96 & 45th St. Trees in the channel need to be removed Big Slough 000870809006069 400' N of 45th St. 002 Tyler Rd. Remove load posting signs. Structure does not require posting. Monitor asphalt deck patches. 003 000870807606040 61st St. Big Slough Tributary 0.33 Mi. W of Tyler Rd. Remove silt and trash blocking cells 004 000870809006041 Tyler Rd. Little Slough 600' S of 61st St. Install load posting signs, 14-20-23. Use signs from structure 002. Remove debris from cells

	CITY OF MAIZE 2014 BIENNIAL INSPECTION CRITICAL INSPECTION FINDINGS												
City	City												
No.	Structure No.	Facility Carried	Feature Intersected	Location	Description of Critical Inspection Finding								
N/A	N/A	N/A	N/A	N/A	N/A								

	CITY OF MAIZE 2014 BIENNIAL INSPECTION SCOUR PLANS OF ACTION											
City												
No.	Structure No.	Facility Carried	Feature Intersected	Location								
N/A	N/A	N/A	N/A	N/A	N/A							

	CITY OF MAIZE 2014 BIENNIAL INSPECTION STRUCTURES REQUIRING ANNUAL INSPECTION												
City			_		Inspection								
No.	Structure No.	Facility Carried	Feature Intersected	Location	Due Date	Reason for Annual Inspection	Item(s) to be Inspected						
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						

	CITY OF MAIZE 2014 BIENNIAL INSPECTION FRACTURE CRITICAL STRUCTURES												
City	City Special Equipment												
No.	Structure No.	Facility Carried	Feature Intersected	Location	Structure Type	Required	Items of Concern						
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						

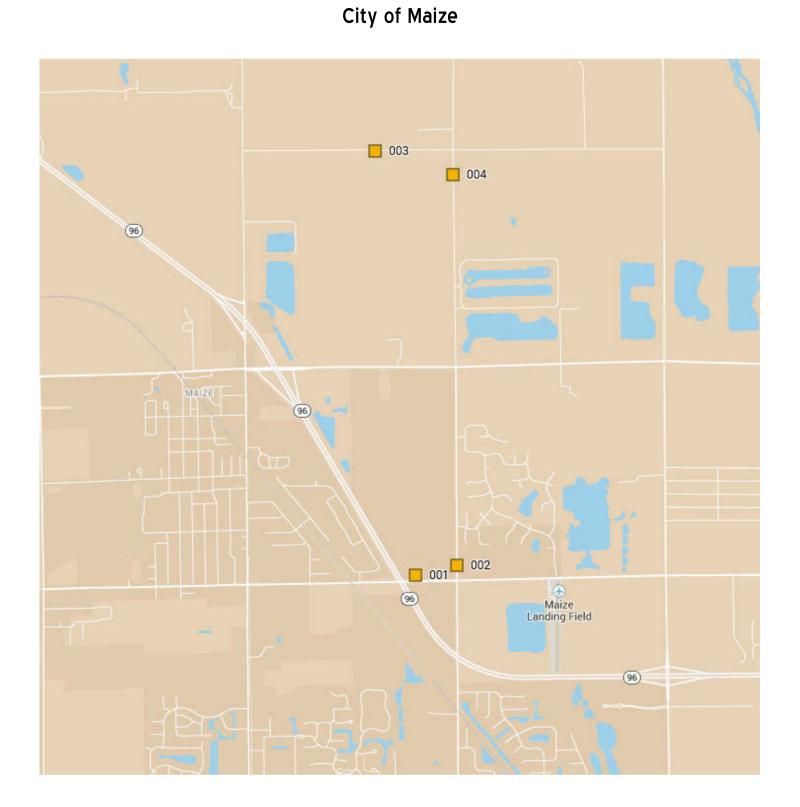
	CITY OF MAIZE 2014 BIENNIAL INSPECTION STRUCTURES WITH PINS & HANGERS											
City	City											
No.	No. Structure No. Facility Carried Feature Intersected Location											
N/A	N/A	N/A	N/A	N/A								

	CITY OF MAIZE 2014 BIENNIAL INSPECTION UNDERWATER INSPECTION STRUCTURES										
City	City										
No.	No. Structure No. Facility Carried Feature Intersected Location Type (I, II, III,										
N/A	N/A	N/A	N/A	N/A	N/A						

	CITY OF MAIZE 2014 BIENNIAL INSPECTION STRUCTURES WITH INACCESSABLE SUBSTRUCTURE UNITS												
City	ity												
No.	No. Structure No. Facility Carried Feature Intersected Location Inaccessable Unit												
N/A	N/A	N/A	N/A	N/A	N/A								



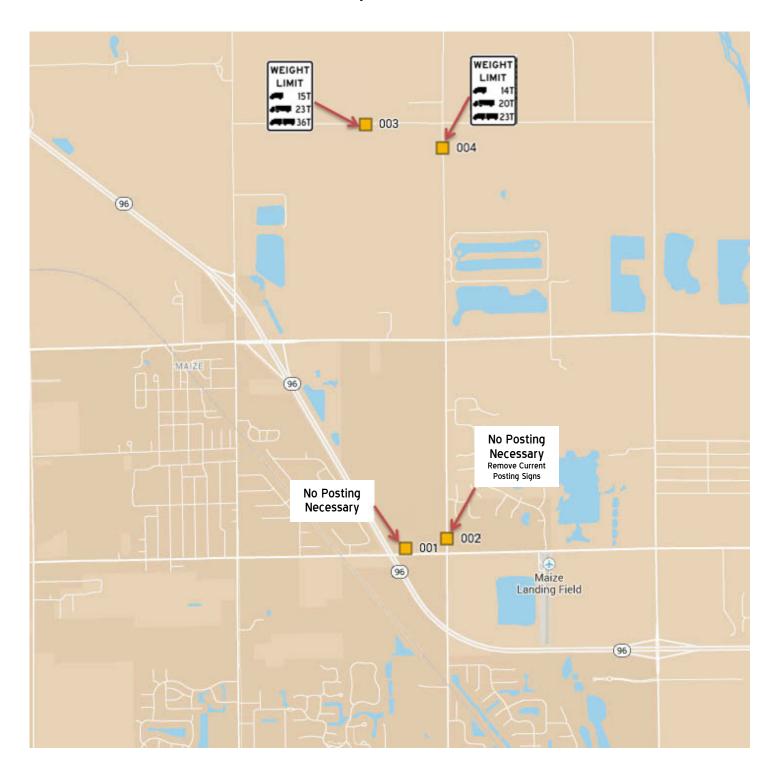
Biennial Bridge Inspection Map





Summary of Posting Requirements

City of Maize



Sufficiency Rating Results

<u>Print</u>

Structure ID	Inspection Date		Struct Rating		Under Clrnc	SR Prefix	SR Rating	SD/FO Status	
000870807606040	02/19/2014	Previous Ratings:	5	3	N		57.4	FO	Rehabilitation
		Calculated Ratings:	5	3	N		57.4	FO	Rehabilitation
000870809006041	02/19/2014	Previous Ratings:	4	5	N		71.3		Not Eligible
		Calculated Ratings:	4	5	N		71.3		Not Eligible
000870809006069	02/19/2014	Previous Ratings:	8	4	N		90.0		Not Eligible
		Calculated Ratings:	8	4	N		90.0		Not Eligible
517650870000001	02/19/2014	Previous Ratings:	7	9	N		96.5		Not Eligible
		Calculated Ratings:	7	9	N		96.5		Not Eligible

Structures requested: 4 Structures in the ratings list: 4

LOCAL BRIDGE INSPECTION SYSTEM

BRIDGE DATA VALIDATION EXCEPTIONS

Maize PCG

Bridge ID	On/Under	Check #	Severity	Exception ID	Exception Description
000870807606040			OK		Bridge generated no validation errors.
000870809006041			OK		Bridge generated no validation errors.
000870809006069			OK		Bridge generated no validation errors.
517650870000001			OK		Bridge generated no validation errors.

4 bridges generated

0 exceptions

All Bridge Groups

4 bridges generated 0 exceptions

Printed 2/20/2014

(4) CITY Maize

Sedgwick

(3) COUNTY

Kansas

(1) STATE

(8) STRUCTURE NO

517650870000001

(-)	1703007000001	(I) STATE Railsas	Pouto On Structure	(3) COUNTY	Not Eligible
LPA Bridge ID	001	(5A) ROUTE ON/UNDER	Route On Structure	HBP FUNDING ELIGIBILITY	Not Eligible
	IDENTIFICATION			GEOMETRIC DATA	
(5B) ROUTE TYPE	IDENTIFICATION	City Street	(112) NBIS BRIDGE DEFINITION		Long Enough
(5C) SERVICE TYPE		Service Road	(49) STRUCTURE LENGTH	•	23.1 FT
, ,	(5E) SUF		(48) MAXIMUM SPAN LENGTH		7.0 FT
,	(SE) SUF	, ,	` '		
(6A) FEATURE INTERSECTED		Big Slough Trib.	(32) ROUTE WIDTH		39.0 FT
(9) LOCATION		300' NE of K-96 & 45th	(51) BRIDGE ROADWAY WIDTH		39.5 FT
(16) LATITUDE		37 ° 46 ' 00.00 "	(52) DECK WIDTH OUT TO OUT		41.0 FT
(17) LONGITUDE		97 ° 26 ' 54.00 " District 05 - Hutchinson	(50A) LEFT CURB OR SIDEWAY		0.0 FT
(2) HIGHWAY AGENCY DISTRICT		District 05 - Hutchinson	(50B) RIGHT CURB OR SIDEWA	AY WIDTH	0.0 FT
(98A) BORDER BRIDGE STATE		Not Applicable (P)	(34) SKEW		0.0 °
(98B) BORDER BRIDGE RESPONSIBI	ILITY	%	(47) ROUTE HORIZONTAL CLEA	ARANCE	40.0 FT
(99) BORDER BRIDGE STRUCTURE N	NO.	_	(10) MIN VERT CLEARANCE OV	/ER ROUTE	9,999.00 FT
(7) (ROUTE NAME) FACILITY CARRIE	:D	Local Access	(53) MIN VERT CLEARANCE OV	/ER BRIDGE	9,999.00 FT
			(33) MEDIAN		No Median
FUNC	CTIONAL DESCRIPTION		(35) STRUCTURE FLARED		No flare
(26) FUNCTIONAL CLASSIFICATION		Urban Local	(54A) MIN VERT UNDERCLEAR	ANCE REF	Feature not hwy or RR
(104) NHS DESIGNATION		Not on NHS	(54B) MIN VERT UNDERCLEAR		99.00 FT
(100) STRAHNET DESIGNATION		Not a STRAHNET hwy	(55A) MIN LATERAL UNDERCLE		Feature not hwy or RR
(110) NATIONAL TRUCK NET		Not part of natl netwo	(55B) MIN LATERAL UNDERCLE		99.0 FT
(12) BASE HIGHWAY NET		Not on Base Network	(56) MIN LATERAL UNDERCLEA		99.0 FT
(13A) LRS INVENTORY ROUTE	(13B) I R	S SUBRTE #	(00) MINT ENTER ON BENTOLES	WWW.	00.0 11
(11) LRS MILE POINT	(100) LIV	0.000 MI		STRUCTURE AND MATERIALS	
(105) FEDERAL LANDS HIGHWAY		N/A (NBI)	(45) NUMBER OF MAIN SPANS	STRUCTURE AND MATERIALS	3
(20) TOLL		Rdwy Agrmt	(43B) MAIN SPAN DESIGN TYPI	F	Culvert
(21) MAINTAINENANCE RESPONSIBII	LITY	City/Municipal Hwy Agenc	(43A) MAIN SPAN MATERIAL TY		Concrete
(22) OWNER		City/Municipal Hwy Agenc	(107) DECK TYPE		N N/A (NBI)
(37) HISTORICAL SIGNIFICANCE		Not eligible for NRHP	(108A) DECK SURFACE		N N/A (no deck (NBI))
(101) PARALLEL STRUCTURE		No bridge exists	(108B) MEMBRANE		N/A (no deck (NBI))
(103) TEMPORARY STRUCTURE		Unknown (NBI)	(108C) DECK PROTECTION		N N/A (no deck (NBI))
(,			(46) NUMBER OF APPROACH S	SPANS	0
A	AGE AND SERVICE		(44B) APPROACH SPAN DESIG		-2
(29) AVERAGE DAILY TRAFFIC		2	(44A) APPROACH SPAN MATER	RIAL TYPE	Not Applicable (P)
(109) AVERAGE DAILY TRUCK TRAFF	FIC	0 %			
(30) YEAR OF ADT		2010		CONDITION	
(27) YEAR BUILT		2004	(58) DECK CONDITION RATING		N
(106) YEAR REHABILITATED			(59) SUPERSTRUCTURE COND	DITION	N
(102) ONE WAY OR TWO WAY TRAFF	IC	2-way traffic	(60) SUBSTRUCTURE CONDITI	ON	N
(42A) SERVICE ON THE BRIDGE		Highway	(62) CULVERT CONDITION		8
(42B) SERVICE UNDER THE BRIDGE		Waterway	(61) STREAM STABILITY / CHAN	NNEL	7
(28A) LANES ON ROUTE		2			
(28B) LANES UNDER ROUTE		0		APPRAISAL	
(19) BYPASS DETOUR LENGTH		3.000 MI	DEFICIENCY STATUS		Not Deficient
			(72) BRIDGE ROUTE ALIGNMEN	NT	8
	LOAD RATING		(71) WATERWAY ADEQUACY		8
(66) INVENTORY LOAD RATING		34 ton, HS 18.00	(113) SCOUR VULNERABILITY		8
(64) MAXIMUM LOAD RATING		57 ton, HS 31.00	(67) STRUCTURAL EVALUATION	N	7
(31) DESIGN LOAD		5 MS 18 (HS 20)	(68) DECK WIDTH APPRAISAL		9
(65) INVENTORY LOAD RATING METH	HOD	LF Load Factor	(69) HORIZ. UNDERCLEARANC	E APPRAISAL	N
(63) OPERATING (MAX) LOAD RATING	G METHOD	LF Load Factor	SUFFICIENCY RATING		96.50
(70) POSTING REQUIREMENTS		At/Above Legal Loads	(36A) BRIDGE RAILS		0
(41) POSTING STATUS		Open, no restriction	(36B) RAIL TRANSITIONS		0
	SCHEDULE		(36C) APPROACH GUARDRAILS	S	0
(90) ROUTINEINSPECTION DATE		02/19/2014	(36D) APPROACH GUARDRAIL	ENDS	0
(91) ROUTINE INSPECTION FREQUE	NCY	24 MO			
(92) CRITICAL FEATURE INSPECTION	N:	(93) INSP DATE		NAVIGATION DATA	
A) FRACTURE CRITICAL	N M	` '	(38) NAVIGABLE WATERWAY		Permit Not Required
B) UNDERWATER INSP	N M	,	(39) NAVIGATION VERTICAL CL	EARANCE	FT
C) SPECIAL INSP	N M	,	(40) NAVIGATION HORIZONTAL	CLEARANCE	FT
		•	(111) SUBSTRUCTURE NAV PR	OTECTION	Unknown (NBI)
PROP	OSED IMPROVEMENTS	S	(116) MIN NAV VERT CLEAR VE	RT LIFT BRIDGE	FT
(75A) TYPE OF WORK		Not Applicable (P)			
(75B) WORK BY		Unknown (NBI)			
(76) IMPROVEMENT LENGTH		FT			
(94) BRIDGE COST					
(95) ROADWAY COST					
(96) TOTAL COST					
(97) COST ESTIMATE YEAR					
(114) FUTURE ADT		200			
(115) FUTURE ADT YEAR		2030			

Printed: 2/24/2014 Record Date: 02/19/2014 -- DBDK Y KDOT BLP SIA WN v7.0 9/25/2012

(8) STRUCTURE NO LPA Bridge ID 517650870000001 001 (1) STATE **Kansas** (5A) ROUTE ON/UNDER

(4) CITY Maize Route On Structure

(3) COUNTY HBP FUNDING ELIGIBILITY Sedgwick Not Eligible

NOTES

STRUCTURE

NOTES Bridge 517650870000001 entered 3/11/2010 09:32:14 by userid kdot_blp

INSPECTION NOTES

Channel - Minor brush, lots of small trees up and downstream that need removed.

ROADWAY NOTES

Printed: 2/24/2014 Record Date: 02/19/2014 -- DBDK Y KDOT BLP SIA WN v7.0 9/25/2012

Bridge No. Inspection Date: Sedgwick 02/19/2014 517650870000001 County: Inspector: CWPJ



Roadway looking East





Roadway looking West



Elevation looking downstream

Bridge No. 517650870000001 Inspection Date: 02/19/2014 County: Sedgwick Inspector: CWPJ



Looking upstream



Trees and other vegetation to be cleared upstream



Looking downstream



Trees and other vegetation to be cleared downstream

	2022000000000		orm. Mains	(a) a a (u = 1)	والمراسية المراسية ا
(8) STRUCTURE NO 00 LPA Bridge ID	00870809006069 002	(1) STATE Kansas (5A) ROUTE ON/UNDER	(4) CITY Maize Route On Structure	(3) COUNTY HBP FUNDING ELIGIBILITY	Sedgwick Not Eligible
LFA Blidge ID		(JA) ROOTE ON/ONDER		TIBIT TOTABILITO ELIGIBILITA	
	IDENTIFICATION			GEOMETRIC DATA	
(5B) ROUTE TYPE		County Hwy	(112) NBIS BRIDGE DEFINITIO	N	Long Enough
(5C) SERVICE TYPE		Mainline	(49) STRUCTURE LENGTH		118.1 FT
(5D) ROUTE NUMBER 00000	(5E) SUFF		(48) MAXIMUM SPAN LENGTH		44.9 FT
(6A) FEATURE INTERSECTED		BIG SLOUGH	(32) ROUTE WIDTH		27.9 FT
(9) LOCATION		400' N of 45th St.	(51) BRIDGE ROADWAY WIDTI		27.9 FT
(16) LATITUDE		37 ° 46 ' 02.64 "	(52) DECK WIDTH OUT TO OU		29.9 FT
(17) LONGITUDE		97 ° 27 ' 41.20 "	(50A) LEFT CURB OR SIDEWA		0.0 FT
(2) HIGHWAY AGENCY DISTRICT		District 05 - Hutchinson	(50B) RIGHT CURB OR SIDEW	AY WIDTH	0.0 FT
(98A) BORDER BRIDGE STATE		Not Applicable (P)	(34) SKEW		0.0 °
(98B) BORDER BRIDGE RESPONSIBI	LITY	%	(47) ROUTE HORIZONTAL CLE	ARANCE	27.9 FT
(99) BORDER BRIDGE STRUCTURE N	1 O.	_	(10) MIN VERT CLEARANCE O	VER ROUTE	99.99 FT
(7) (ROUTE NAME) FACILITY CARRIE	D	Tyler Rd.	(53) MIN VERT CLEARANCE O	VER BRIDGE	99.99 FT
			(33) MEDIAN		No Median
FUNC	TIONAL DESCRIPTION		(35) STRUCTURE FLARED		No flare
(26) FUNCTIONAL CLASSIFICATION		Urban Local	(54A) MIN VERT UNDERCLEAR	RANCE REF	Feature not hwy or RR
(104) NHS DESIGNATION		Not on NHS	(54B) MIN VERT UNDERCLEAR	RANCE	0.00 FT
(100) STRAHNET DESIGNATION		Not a STRAHNET hwy	(55A) MIN LATERAL UNDERCL	EAR REF RT	Feature not hwy or RR
(110) NATIONAL TRUCK NET		Not part of natl netwo	(55B) MIN LATERAL UNDERCL	EAR RT	0.0 FT
(12) BASE HIGHWAY NET		Not on Base Network	(56) MIN LATERAL UNDERCLE	ARANCE LEFT	0.0 FT
(13A) LRS INVENTORY ROUTE	(13B) LRS	SUBRTE#			
(11) LRS MILE POINT		0.000 MI		STRUCTURE AND MATERIALS	
(105) FEDERAL LANDS HIGHWAY		N/A (NBI)	(45) NUMBER OF MAIN SPANS		3
(20) TOLL		Rdwy Agrmt	(43B) MAIN SPAN DESIGN TYF		Slab
(21) MAINTAINENANCE RESPONSIBIL	LITY	City/Municipal Hwy Agenc	(43A) MAIN SPAN MATERIAL T	YPE	Concrete Continuous Concrete-Cast-in-Place
(22) OWNER		City/Municipal Hwy Agenc	(107) DECK TYPE		
(37) HISTORICAL SIGNIFICANCE		Hist sign not determin	(108A) DECK SURFACE		Monolithic Concrete None
(101) PARALLEL STRUCTURE		No bridge exists Unknown (NBI)	(108B) MEMBRANE		None
(103) TEMPORARY STRUCTURE		Omalown (NEI)	(108C) DECK PROTECTION (46) NUMBER OF APPROACH	SDANIS	0
Δ	AGE AND SERVICE		(44B) APPROACH SPAN DESIG		-1
(29) AVERAGE DAILY TRAFFIC		2,015	(44A) APPROACH SPAN MATE		Unknown (NBI)
(109) AVERAGE DAILY TRUCK TRAFF	IC	6 %	, ,		, ,
(30) YEAR OF ADT		2010		CONDITION	
(27) YEAR BUILT		1989	(58) DECK CONDITION RATING	3	6
(106) YEAR REHABILITATED			(59) SUPERSTRUCTURE CON	NOITIC	8
(102) ONE WAY OR TWO WAY TRAFFI	.C	2-way traffic	(60) SUBSTRUCTURE CONDIT	ION	8
(42A) SERVICE ON THE BRIDGE		Highway	(62) CULVERT CONDITION		N
(42B) SERVICE UNDER THE BRIDGE		Waterway	(61) STREAM STABILITY / CHA	NNEL	8
(28A) LANES ON ROUTE		2		4 P.P.P. 4 10 4 1	
(28B) LANES UNDER ROUTE (19) BYPASS DETOUR LENGTH		0 3.100 MI	DEFICIENCY STATUS	APPRAISAL	Not Deficient
(19) BTPASS DETOUR LENGTH		3.100 [VII	(72) BRIDGE ROUTE ALIGNME	INIT	Not Delicient
	LOAD RATING		(71) WATERWAY ADEQUACY	IN I	8
(66) INVENTORY LOAD RATING	LOADINATING	50 ton, HS 27.00	(113) SCOUR VULNERABILITY		5
(64) MAXIMUM LOAD RATING		83 ton, HS 45.00	(67) STRUCTURAL EVALUATION		8
(31) DESIGN LOAD		5 MS 18 (HS 20)	(68) DECK WIDTH APPRAISAL		4
(65) INVENTORY LOAD RATING METH	HOD	LF Load Factor	(69) HORIZ. UNDERCLEARAN	CE APPRAISAI	N
(63) OPERATING (MAX) LOAD RATING		LF Load Factor	SUFFICIENCY RATING	727 H 1 1 0 107 12	90.00
(70) POSTING REQUIREMENTS	JWETHOD	At/Above Legal Loads	(36A) BRIDGE RAILS		1
(41) POSTING STATUS		Posted for load	(36B) RAIL TRANSITIONS		1
	SCHEDULE		(36C) APPROACH GUARDRAIL	_S	1
(90) ROUTINEINSPECTION DATE		02/19/2014	(36D) APPROACH GUARDRAIL		0
(91) ROUTINE INSPECTION FREQUEN	NCY	24 MO			
(92) CRITICAL FEATURE INSPECTION		(93) INSP DATE		NAVIGATION DATA	
A) FRACTURE CRITICAL	N MO	A) ,	(38) NAVIGABLE WATERWAY		Permit Not Required
B) UNDERWATER INSP	N MO	В)	(39) NAVIGATION VERTICAL C	LEARANCE	FT
C) SPECIAL INSP	N MO	C)	(40) NAVIGATION HORIZONTA		FT
			(111) SUBSTRUCTURE NAV PF		Unknown (NBI)
	OSED IMPROVEMENTS		(116) MIN NAV VERT CLEAR VI	ERT LIFT BRIDGE	FT
(75A) TYPE OF WORK		Rehab Deck			
(75B) WORK BY		Contract			
(76) IMPROVEMENT LENGTH		200.00 FT			
(94) BRIDGE COST		\$50000 \$45000			
(95) ROADWAY COST		\$15000 \$75000			
(96) TOTAL COST		\$75000			
(97) COST ESTIMATE YEAR (114) FUTURE ADT		2012 2,700			
(114) FUTURE ADT YEAR		2,700			
() 10101127127112711		2026			

Printed: 2/24/2014 Record Date: 02/19/2014 -- SWHQ KDOT BLP SIA WN v7.0 9/25/2012

(8) STRUCTURE NO LPA Bridge ID 000870809006069 002

(1) STATE **Kansas** (5A) ROUTE ON/UNDER

(4) CITY Maize Route On Structure

(3) COUNTY HBP FUNDING ELIGIBILITY Sedgwick Not Eligible

NOTES

STRUCTURE NOTES

INSPECTION NOTES

Deck / Superstructure - Top has approximately 20% spall with map cracking. Large spall portion patched with asphalt. Cracks are not reflected through to the bottom of the slab. Edge has cracks / spall / eff. at and near the drip groove.

Substructure - Pier caps and concrete piles are sound.

ROADWAY NOTES

Printed: 2/24/2014 Record Date: 02/19/2014 -- SWHQ

Bridge No. 000870809006069 Inspection Date: 02/19/2014 County: Sedgwick Inspector: CWPJ



Roadway looking North



Upstream elevation



Roadway looking South



Downstream elevation

Bridge No. Inspection Date: Sedgwick 000870809006069 02/19/2014 County: Inspector: CWPJ



Looking upstream





Looking downstream



Bridge No. Inspection Date: Sedgwick 000870809006069 02/19/2014 County: Inspector: CWPJ

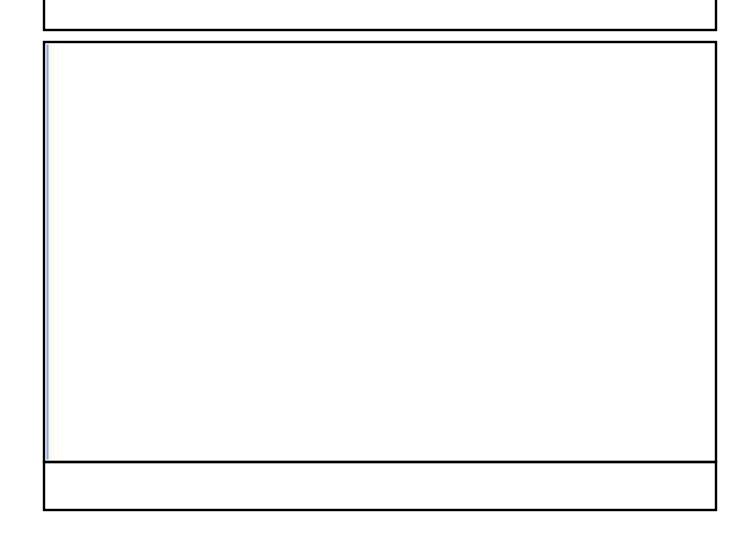


Typical deck edge cracking / spall / efflorescence at or near drip groove





Typical deck edge cracking / spall / efflorescence at or near drip groove



(0) OTPLICTUPE NO. 00	002000200000	(4) OTATE	(A) OUTA Maine	(0) OOLINTY	Cadavidale
(8) STRUCTURE NO 00 LPA Bridge ID	00870807606040 003	(1) STATE Kansas (5A) ROUTE ON/UNDER	(4) CITY Maize Route On Structure	(3) COUNTY HBP FUNDING ELIGIBILITY	Sedgwick Rehabilitation
		(ON) NOOTE ON ONDER			
	IDENTIFICATION	County Hwy	(440) NIDIO DDIDOE DEFINITION	GEOMETRIC DATA	Long Enough
(5B) ROUTE TYPE (5C) SERVICE TYPE		Mainline	(112) NBIS BRIDGE DEFINITION (49) STRUCTURE LENGTH		27.9 FT
(5D) ROUTE NUMBER 00000	(5E) SUFF		(48) MAXIMUM SPAN LENGTH		6.9 FT
(6A) FEATURE INTERSECTED	(3E) 30FF	Big Slough Trib.	(32) ROUTE WIDTH		27.9 FT
(9) LOCATION		0.33 Mi. W of Tyler Rd.	(51) BRIDGE ROADWAY WIDTH	CURB TO CURB	19.4 FT
(16) LATITUDE		37 ° 47 ' 45.33 "	(52) DECK WIDTH OUT TO OUT	CONE TO CONE	21.7 FT
(17) LONGITUDE		97 ° 27 ' 06.51 "	(50A) LEFT CURB OR SIDEWAY	WIDTH	0.0 FT
(2) HIGHWAY AGENCY DISTRICT		District 05 - Hutchinson	(50B) RIGHT CURB OR SIDEWA		0.0 FT
• •		Not Applicable (P)	, ,		0.0 °
(98A) BORDER BRIDGE STATE (98B) BORDER BRIDGE RESPONSIBIL	ITV	Not Applicable (F)	(34) SKEW (47) ROUTE HORIZONTAL CLEA	DANCE	19.0 FT
(99) BORDER BRIDGE STRUCTURE N		76	(10) MIN VERT CLEARANCE OV		99.99 FT
(7) (ROUTE NAME) FACILITY CARRIED		61st St.	(53) MIN VERT CLEARANCE OV		99.99 FT
(/) (NOOTE NAME) FACILITY CARRIED	,	01000	(33) MEDIAN	EN BRIDGE	No Median
FUNC	TIONAL DESCRIPTION		(35) STRUCTURE FLARED		No flare
(26) FUNCTIONAL CLASSIFICATION		Urban Local	(54A) MIN VERT UNDERCLEARA	ANCE REF	Feature not hwy or RR
(104) NHS DESIGNATION		Not on NHS	(54B) MIN VERT UNDERCLEAR	ANCE	0.00 FT
(100) STRAHNET DESIGNATION		Not a STRAHNET hwy	(55A) MIN LATERAL UNDERCLE	AR REF RT	Feature not hwy or RR
(110) NATIONAL TRUCK NET		Not part of natl netwo	(55B) MIN LATERAL UNDERCLE	AR RT	0.0 FT
(12) BASE HIGHWAY NET		Not on Base Network	(56) MIN LATERAL UNDERCLEA	RANCE LEFT	0.0 FT
(13A) LRS INVENTORY ROUTE	(13B) LRS	SUBRTE#			
(11) LRS MILE POINT		0.000 MI		TRUCTURE AND MATERIALS	
(105) FEDERAL LANDS HIGHWAY		N/A (NBI)	(45) NUMBER OF MAIN SPANS		4
(20) TOLL	IT) (Rdwy Agrmt	(43B) MAIN SPAN DESIGN TYPE		Culvert
(21) MAINTAINENANCE RESPONSIBIL (22) OWNER	.I I Y	City/Municipal Hwy Agenc City/Municipal Hwy Agenc	(43A) MAIN SPAN MATERIAL TY (107) DECK TYPE	PE .	Concrete N N/A (NBI)
` '		Hist sign not determin			N N/A (no deck (NBI))
(37) HISTORICAL SIGNIFICANCE (101) PARALLEL STRUCTURE		No bridge exists	(108A) DECK SURFACE (108B) MEMBRANE		N/A (no deck (NBI))
(103) TEMPORARY STRUCTURE		Unknown (NBI)	(108C) DECK PROTECTION		N N/A (no deck (NBI))
(100) 12 011			(46) NUMBER OF APPROACH S	PANS	0
A	GE AND SERVICE		(44B) APPROACH SPAN DESIG	N TYPE	-1
(29) AVERAGE DAILY TRAFFIC		200	(44A) APPROACH SPAN MATER	IAL TYPE	Unknown (NBI)
(109) AVERAGE DAILY TRUCK TRAFF	IC	5 %			
(30) YEAR OF ADT		2010	(50) DECK CONDITION DATING	CONDITION	NI.
(27) YEAR BUILT (106) YEAR REHABILITATED		1948	(58) DECK CONDITION RATING (59) SUPERSTRUCTURE COND	TION	N N
(102) ONE WAY OR TWO WAY TRAFFI	C	2-way traffic	(60) SUBSTRUCTURE CONDITION		N
(42A) SERVICE ON THE BRIDGE	5	Highway	(62) CULVERT CONDITION	514	6
(42B) SERVICE UNDER THE BRIDGE		Waterway	(61) STREAM STABILITY / CHAN	NEL	6
(28A) LANES ON ROUTE		2			
(28B) LANES UNDER ROUTE		0		APPRAISAL	
(19) BYPASS DETOUR LENGTH		3.100 MI	DEFICIENCY STATUS		Functionally Obsolete
			(72) BRIDGE ROUTE ALIGNMEN	Т	7
	LOAD RATING	40.1110.40.00	(71) WATERWAY ADEQUACY		6
(66) INVENTORY LOAD RATING		19 ton, HS 10.00 25 ton, HS 13.00	(113) SCOUR VULNERABILITY		8 5
(64) MAXIMUM LOAD RATING (31) DESIGN LOAD		2 M 13.5 (H 15)	(67) STRUCTURAL EVALUATION (68) DECK WIDTH APPRAISAL	ı	3
(65) INVENTORY LOAD RATING METH	IOD	LF Load Factor		ADDDAISAI	N
(63) OPERATING (MAX) LOAD RATING		LF Load Factor	(69) HORIZ. UNDERCLEARANCI SUFFICIENCY RATING	EAFFRAIGAL	57.40
(70) POSTING REQUIREMENTS	METHOD	30.0-39.9%below	(36A) BRIDGE RAILS		37.40
(41) POSTING STATUS		Posted for load	(36B) RAIL TRANSITIONS		0
	SCHEDULE		(36C) APPROACH GUARDRAILS	•	0
(90) ROUTINEINSPECTION DATE		02/19/2014	(36D) APPROACH GUARDRAIL		0
, ,	ICY	24 MO			
(91) ROUTINE INSPECTION FREQUEN		(93) INSP DATE		NAVIGATION DATA	
(91) ROUTINE INSPECTION FREQUEN (92) CRITICAL FEATURE INSPECTION		(93) INST DATE			Permit Not Required
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL	I: N MO	A)	(38) NAVIGABLE WATERWAY		·
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP	l: N MO N MO	A) B)	(39) NAVIGATION VERTICAL CL		FT
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL	I: N MO	A) B)	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL	CLEARANCE	FT FT
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP	I: N MO N MO N MO	A) B)	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP	l: N MO N MO	A) B) C)	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP PROPO (75A) TYPE OF WORK	I: N MO N MO N MO	A) B) C) Repl-Load Capacity	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP PROPORTION (75A) TYPE OF WORK (75B) WORK BY	I: N MO N MO N MO	A) B) C) Repl-Load Capacity Contract	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP PROPO (75A) TYPE OF WORK (75B) WORK BY (76) IMPROVEMENT LENGTH	I: N MO N MO N MO	A) B) C) Repl-Load Capacity Contract 200.00 FT	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP PROPO (75A) TYPE OF WORK (75B) WORK BY (76) IMPROVEMENT LENGTH (94) BRIDGE COST	I: N MO N MO N MO	A) B) C) Repl-Load Capacity Contract	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP PROPO (75A) TYPE OF WORK (75B) WORK BY (76) IMPROVEMENT LENGTH	I: N MO N MO N MO	A) B) C) Repl-Load Capacity Contract 200.00 FT \$120000	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP PROPO (75A) TYPE OF WORK (75B) WORK BY (76) IMPROVEMENT LENGTH (94) BRIDGE COST (95) ROADWAY COST	I: N MO N MO N MO	A) B) C) Repl-Load Capacity Contract 200.00 FT \$120000 \$50000	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI)
(92) CRITICAL FEATURE INSPECTION A) FRACTURE CRITICAL B) UNDERWATER INSP C) SPECIAL INSP PROPO (75A) TYPE OF WORK (75B) WORK BY (76) IMPROVEMENT LENGTH (94) BRIDGE COST (95) ROADWAY COST (96) TOTAL COST	I: N MO N MO N MO	A) B) C) Repl-Load Capacity Contract 200.00 FT \$120000 \$50000	(39) NAVIGATION VERTICAL CL (40) NAVIGATION HORIZONTAL (111) SUBSTRUCTURE NAV PRO	CLEARANCE DTECTION	FT FT Unknown (NBI) FT

Printed: 2/24/2014 Record Date: 02/19/2014 -- NXZN KDOT BLP SIA WN v7.0 9/25/2012

(8) STRUCTURE NO LPA Bridge ID 000870807606040 003 (1) STATE **Kansas** (5A) ROUTE ON/UNDER

(4) CITY Maize Route On Structure

(3) COUNTY HBP FUNDING ELIGIBILITY Sedgwick Rehabilitation

NOTES

STRUCTURE NOTES

INSPECTION NOTES

Culvert - Minor cracking, no exposed reinforcing.

Channel - Approximately 40% silt and trash filling barrels. Needs cleaned out.

ROADWAY NOTES

Printed: 2/24/2014 Record Date: 02/19/2014 – NXZN Y KDOT BLP SIA WN v7.0 9/25/2012

Bridge No. 000870809006069 Inspection Date: 02/19/2014 County: Sedgwick Inspector: CWPJ



Roadway looking East



Upstream elevation



Roadway looking West



Downstream elevation

Bridge No. Inspection Date: Sedgwick 000870809006069 02/19/2014 CWPJ County: Inspector:



Looking upstream





Looking downstream



Siltation and debris to be removed

Kansas

(4) CITY Maize

Sedgwick

(3) COUNTY

000870809006041

(8) STRUCTURE NO

(1) STATE

DENTERCATION Coursy How GEOMETRIC DATA Coursy How GEO, SERVICE TYPE Maintine GEOMETRIC DATA Coursy How GEO, SERVICE TYPE Maintine GEOMETRIC DATA Coursy How GEO, SERVICE TYPE GEOMETRIC DATA GEOMETRI	Not Elimiki-	(3) COUNTY	Pouts On Structure	(1) STATE Railsas		-, -
CONTRIPTION	Not Eligible	HBP FUNDING ELIGIBILITY	Route On Structure	(5A) ROUTE ON/UNDER	004	LPA Bridge ID
GBR FOUND TETYPE		GEOMETRIC DATA			FICATION	IDENTI
SOS SERVICE TYPE SOS PROUTE MARKER MANURAL PROUDE SUFFIX NA NISH) (ARCHITER) MANURAL PROUDE SUFFIX NA NISH) (ARCHITER) MANURAL PROUDE SUFFIX NA NISH) (ARCHITER) MANURAL PROUDE SUFFIX SURPLY WITH SURPLY WI	Long Enough		(112) NRIS BRIDGE DEFINITIO	County Hwy	IOATION	
MAY	25.9 FT		, ,			•
GAN FEATURE NTERSECTED Like Slough GAN PLANT NET GAN PART	4.9 FT		` '		(SE) SHEELY	
	27.9 FT	INGTH	` '		(3E) 30FFIX	,
19 ATTITUDE			, ,	•		,
173 LONGTUDE	26.9 FT		, ,			,
2) HIGHWAY AGENCY DISTRICT	26.9 FT		` '			· '
Mod Applicable (P) Gold Sector Religion Structure No. Gold Market No. Gold Sector Religion Structure No. Gold Market No. G	0.0 FT	IDEWAY WIDTH	(50A) LEFT CURB OR SIDEWA			17) LONGITUDE
(47) ROUTE HORIZOTHAL CLEARANCE (47) ROUTE HAME) FACILITY CARRIED (47) ROUTE (47) ROUTE HAME) FACILITY CLEARANCE (47) ROUTE HAME) FACILITY CLEAR	0.0 FT	SIDEWAY WIDTH	(50B) RIGHT CURB OR SIDEW	District 05 - Hutchinson		2) HIGHWAY AGENCY DISTRICT
(47) ROUTE HORIZOTHAL CLEARANCE (47) ROUTE HAME) FACILITY CARRIED (47) ROUTE (47) ROUTE HAME) FACILITY CLEARANCE (47) ROUTE HAME) FACILITY CLEAR	0.0 °		(34) SKFW	Not Applicable (P)		98A) BORDER BRIDGE STATE
(19) BORDER RENIDES STRUCTURE NO. (7) (ROUTE NAME) FACILITY CARRIED Tyleir MARE) FACILIT	26.9 FT	ALCIEABANCE	` '	, ,		,
Type			` '	76		,
SAME	99.99 FT		` '	<u> </u>		•
FUNCTIONAL CLASSIFICATION	99.99 FT	NCE OVER BRIDGE	, ,	Tyler Rd		7) (ROUTE NAME) FACILITY CARRIED
Cash Functionand_class Final Card Cash All Nil VERT LUNDERCLEARANCE File Feature (100) STRAINET DESIGNATION Not a STRAINET TIMBY (586) MIN VERT LUNDERCLEAR REF RT Feature (100) STRAINET DESIGNATION Not a STRAINET TIMBY (586) MIN LATERAL LUNDERCLEAR REF RT Feature (101) NATIONAL TRUCK NET Not part of not indewood (589) MIN LATERAL LUNDERCLEAR REF RT Feature (101) REPORT Not part of not indewood (589) MIN LATERAL LUNDERCLEAR REF RT Feature (103) RES NUMERINE	No Median		• •			
(104) NIS DESIGNATION	No flare	.ED	(35) STRUCTURE FLARED		DESCRIPTION	FUNCTIONAL
(100) STRAINBET DESIGNATION Not a STRAINBET Inwy (55A) MINI LATERAL UNDERCLEAR REF RT Pealure (110) NATIONAL TRUCK NET Not on Biase Network (55B) MINI LATERAL UNDERCLEAR REF RT Pealure (120) AND RESIDENT (120) AND RESIDE	ature not hwy or RR	RCLEARANCE REF	(54A) MIN VERT UNDERCLEAR	Urban Local		26) FUNCTIONAL CLASSIFICATION
(103) NATIONAL TRUCK NET	0.00 FT	RCLEARANCE	(54B) MIN VERT UNDERCLEAR	Not on NHS		104) NHS DESIGNATION
(103) NATIONAL TRUCK NET	ature not hwy or RR	DERCLEAR REF RT	(55A) MIN LATERAL UNDERCL	Not a STRAHNET hwy		100) STRAHNET DESIGNATION
(17) BASE HIGHWAY NET	0.0 FT		, ,			,
(133) LRS INVENTORY ROUTE (138) LRS SUBRTE # (11) LRS IMLE POINT (105) FEDERAL LANDS HIGHWAY (NA (NB)) (45) NUMBER OF MAIN SPAN S (20) TOLL (20) TOLL (20) TOLL (21) MAINTAINENANCE RESPONSIBILITY (City/Municipal Hwy Agenc (21) MAINTAINENANCE RESPONSIBILITY (107) DECK TYPE (10	0.0 FT		` '			· ·
(11) LRS MILE POINT	0.0 11	LINGLEANANGE LEI I	(30) WIIN EATERAL ONDERCEE		(42D) I DO O	
(105) FEDERAL LANDS HIGHWAY					(13B) LRS S	,
Cap Toll Rawy Agent Cap Ca						,
(22) MAINTAINENANCE RESPONSIBILITY	4		• •			
(22) OWNER	Culvert		, ,			•
10 Not eligible for NRHP Not eligible for NRHP 10 Not eligible for NRHP Not eligible exists (108) MRMRRARE (108) MRMRRARE (108) MRMRRARE (108) MRMRRARE (108) NRMRRARE (108	Steel	RIAL TYPE	, ,			
101) PARALLEL STRUCTURE	N N/A (NBI)		(107) DECK TYPE	City/Municipal Hwy Agenc		22) OWNER
103) TEMPORARY STRUCTURE	I N/A (no deck (NBI))		(108A) DECK SURFACE	Not eligible for NRHP		37) HISTORICAL SIGNIFICANCE
(46) NUMBER OF APPROACH SPANS (48) APPROACH SPAN MERIAL TYPE (29) AVERAGE DAILY TRAFFIC (30) YEAR OF ADT (44A) APPROACH SPAN METERIAL TYPE (44A) APPROACH SPAN METERIAL TYPE (44A) APPROACH SPAN METERIAL TYPE (45B) DECK CONDITION RATING (59) SUPERSTRUCTURE CONDITION (60) SUBSTRUCTURE CONDITION (61) STREAM STABILITY / CHANNEL (62) ALVEST CONDITION (61) STREAM STABILITY / CHANNEL (62) APPRAISAL (63) OPERATING (MAX) LOAD RATING (64) MAXIMUM LOAD RATING (65) INVENTORY LOAD RATING METHOD (66) INVENTORY LOAD RATING METHOD (67) STRUCTURAL EVALUATION (68) DECK WIDTH APPRAISAL (69) NOVENTORY LOAD RATING METHOD (67) POSTING STATUS (68) DECK WIDTH APPRAISAL (69) NOVENTORY LOAD RATING METHOD (67) POSTING SEQUIENEMENTS (68) DECK WIDTH APPRAISAL (69) PORTURE INSPECTION DATE (69) NOVENTORY LOAD RATING METHOD (60) SUPERATING (MAX) LOAD RATING METHOD (60) SUPERATING (MAX) LOAD RATING METHOD (60) SUPERATING (MAX) LOAD RATING METHOD (61) SECURIENEMENTS (61) POSTING STATUS (62) APPROACH SUPERAILS (36) APPROACH SUPERAILS (36) APPROACH SUPERAILS (36) APPROACH GUARDRAILS (36) APPROACH SUPERAILS (36) APPROACH GUARDRAILS (36) APPROACH GUARDRAI	N/A (no deck (NBI))		(108B) MEMBRANE			101) PARALLEL STRUCTURE
AGE AND SERVICE (44B) APPROACH SPAN DESIGN TYPE (44A) APPROACH SPAN DESIGN TYPE (44A) APPROACH SPAN MATERIAL TYPE (458) SPAN MATERIAL TANNSTITON (458) SPAN MATERIAL TANNSTITON (458) SPAN MATERIAL TANNSTITON (458) NAVIGATION DATA (44A) APPROACH GUARDRAIL ENDS (458) NAVIGATION DATA (458) NAVIGATION HORIZONTAL CLEARANCE (44A) NAVIGATION HORIZONTAL CLEARANCE (44A) APPROACH GUARDRAIL CLEARANCE (44A) NAVIGATION HORIZONTAL CLEARANCE (458) SPAN MATERIAL TANNSTITON (458) NAVIGATION HORIZONTAL CLEARANCE (458) NAVIGATION HORIZONTAL CLEARANCE (458) NAVIGATION HORIZONTAL CLEARANCE (458) NAVIGATION HORIZONTAL C	I N/A (no deck (NBI))	ION	(108C) DECK PROTECTION	Unknown (NBI)		103) TEMPORARY STRUCTURE
(29) AVERAGE DAILY TRAFFIC (109) AVERAGE DAILY TRUCK TRAFFIC (30) YEAR OF ADT (27) YEAR BUILT (106) YEAR REHABILITATED (58) DECK CONDITION RATING (102) ONE WAY YEARFIC (29) SUPERASTRUCTURE CONDITION (27) YEAR BUILT (102) ONE WAY YOR TWO WAY TRAFFIC (29) SUPERASTRUCTURE CONDITION (29) SERVICE ON THE BRIDGE (42A) SERVICE ON THE BRIDGE (42B) LANES ON ROUTE (42B) SERVICE UNDER THE BRIDGE (42B) LANES ON ROUTE (29B) LANES ON ROUTE (20B) LANES ON DET ROUTE (19) BYPASS DETOUR LENGTH (3) ONE WAY TRAFFIC (66) INVENTORY LOAD RATING (67) STREAM STABILITY (68) INVENTORY LOAD RATING (69) SUPERASTRUCTURE CONDITION (61) STREAM STABILITY / CHANNEL (72) BRIDGE ROUTE ALIGNMENT (72) BRIDGE ROUTE ALIGNMENT (73) WATERWAY ADEQUACY (66) INVENTORY LOAD RATING (67) STREAM STABILITY (68) INVENTORY LOAD RATING (69) HORIZ UNDER CALLIANTON (69) INVENTORY LOAD RATING METHOD (69) INVENTORY LOAD RATING METHOD (69) SOPERATING (MAX) LOAD RATING METHOD (69) FOSTING REQUIREMENTS (70) POSTING REQUIREMENTS (70) POSTING REQUIREMENTS (70) POSTING STATUS (70) POSTING STAT	0	OACH SPANS	(46) NUMBER OF APPROACH			
109) AVERAGE DAILY TRUCK TRAFFIC 5 % (30) YEAR OF ADT 2010 CONDITION	-1	I DESIGN TYPE	(44B) APPROACH SPAN DESIG		SERVICE	AGE AN
(30) YEAR OF ADT 2010 (58) DECK CONDITION (77) YEAR BUILT (77) YEAR BUILT (78)	Unknown (NBI)	NMATERIAL TYPE	(44A) APPROACH SPAN MATE	200		29) AVERAGE DAILY TRAFFIC
(30) YEAR OF ADT (27) YEAR BUILT (108) YEAR CHABILITATED (58) DECK CONDITION ATRING (59) SUPERSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (69) SUBSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (102) ONE WAY OR TWO WAY TRAFFIC 2-way traffic (102) ONE WAY TRAFFIC 2-way traffic 2-way traffic 2-way traffic (102) ONE WAY TRAFFIC 2-way traffic 2-wa				5 %		109) AVERAGE DAILY TRUCK TRAFFIC
(59) SUPERSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC (42A) SERVICE ON THE BRIDGE (42B) SERVICE UNDER THE BRIDGE (43C) SEVENUE STATUS (44C) SEVENUE SEVENUE STATUS (44C) SEVENUE STATUS		CONDITION				30) YEAR OF ADT
(59) SUPERSTRUCTURE CONDITION (102) ONE WAY OR TWO WAY TRAFFIC (2-way traffic (42A) SERVICE ON THE BRIDGE (42B) SERVICE UNDER THE BRIDGE (42B) SERVICE UNDER THE BRIDGE (28B) LANES ON ROUTE (28B) LANES UNDER ROUTE (19) BYPASS DETOUR LENGTH (19) BYPASS DETOUR LENGTH (66) INVENTORY LOAD RATING (66) INVENTORY LOAD RATING (67) STRUCTURAL EVALUATION (68) INVENTORY LOAD RATING (69) INVENTORY LOAD RATING METHOD (67) STRUCTURAL EVALUATION (68) INVENTORY LOAD RATING METHOD (69) ROUTINE REQUIREMENTS (69) POSTING REQUIREMENTS (69) POSTING REQUIREMENTS (69) ROUTINE INSPECTION DATE (69) ROUTINE INSPECTION DATE (69) ROUTINE INSPECTION FREQUENCY (69) NOW A) (60) SUBSTRUCTURE CONDITION (61) STREAM STABILITY (CHANNEL (72) BRIDGE ROUTE ALIGNMENT (71) WATERWAY ADEQUACY (72) BRIDGE ROUTE ALIGNMENT (73) WATERWAY (STRUCTURE CONTITION (74) WATERWAY ADEQUACY (75) BRIDGE ROUTE ALIGNMENT (76) STRUCTURE CALICAMENT (77) WATERWAY ADEQUACY (77) WATERWAY ADEQUACY (78) BRIDGE ROUTE ALIGNMENT (79) WATERWAY ADEQUACY (79) BRIDGE ROUTE ALIGNMENT (71) WATERWAY ADEQUACY (71) WATERWAY ADEQU	N	RATING	(58) DECK CONDITION RATING	1970		. ,
102 ONE WAY OR TWO WAY TRAFFIC 2-way traffic (60) SUBSTRUCTURE CONDITION	N		` '			· '
(42A) SERVICE ON THE BRIDGE	N		• •	2-way traffic		
(42B) SERVICE UNDER THE BRIDGE Waterway (61) STREAM STABILITY / CHANNEL (28A) LANES ON ROUTE 2 (28B) LANES UNDER ROUTE 0 APPRAISAL (19) BYPASS DETOUR LENGTH 3.100 MI DEFICIENCY STATUS (72) BRIDGE ROUTE ALIGNMENT (71) WATERWAY ADEQUACY (66) INVENTORY LOAD RATING 17 ton, HS 8.00 (113) SCOUR VULNERABILITY (64) MAXIMUM LOAD RATING 5 MS 18 (HS 20) (68) DECK WIDTH APPRAISAL (65) INVENTORY LOAD RATING METHOD LF Load Factor (69) HORIZ. UNDERCLEARANCE APPRAISAL (65) INVENTORY LOAD RATING METHOD LF Load Factor SUFFICIENCY RATING (63) OPERATING (MAX) LOAD RATING METHOD LF Load Factor SUFFICIENCY RATING (70) POSTING REQUIREMENTS >39.9% below (36A) BRIDGE RAILS (41) POSTING STATUS Posting Recommended (36B) RAIL TRANSITIONS (90) ROUTINEINSPECTION DATE 02/19/2014 (36D) APPROACH GUARDRAIL ENDS (91) ROUTINE INSPECTION FREQUENCY 24 MO (36) NAVIGABLE WATERWAY NAVIGATION DATA (91) ROUTINE INSPECTION FREQUENCY (39) INSP DATE NAVIGATION VERTICAL CLEARANCE (92) CRITICAL FEATURE INSPECTION	7		• •	•		
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Color Colo		ADDDAICAL				
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of or content of	FT	ICAL CLEARANCE	(39) NAVIGATION VERTICAL C	B)	MO	B) UNDERWATER INSP N
(111) SUBSTRUCTURE NAV PROTECTION	FT	ZONTAL CLEARANCE	(40) NAVIGATION HORIZONTA	C)	MO	C) SPECIAL INSP N
	Unknown (NBI)	NAV PROTECTION	(111) SUBSTRUCTURE NAV PI			
PROPOSED IMPROVEMENTS (116) MIN NAV VERT CLEAR VERT LIFT BRIDGE	FT	EAR VERT LIFT BRIDGE	(116) MIN NAV VERT CLEAR V		MPROVEMENTS	PROPOSED II
(75A) TYPE OF WORK Repl-Load Capacity				Repl-Load Capacity		
(75B) WORK BY Unknown (NBI)						•
(76) IMPROVEMENT LENGTH 120.00 FT				, ,		•
(70) INITIA ROVEMENT ELIGITI 120.00 F) (94) BRIDGE COST \$100000						. ,
						· '
(95) ROADWAY COST \$20000						· '
(96) TOTAL COST \$175000						· '
(97) COST ESTIMATE YEAR 2015						· '
(114) FUTURE ADT 80						
(115) FUTURE ADT YEAR 2028				2028		115) FUTURE ADT YEAR

Printed: 2/24/2014 Record Date: 02/19/2014 -- ZFNK Y KDOT BLP SIA WN v7.0 9/25/2012

(8) STRUCTURE NO LPA Bridge ID 000870809006041 004

(1) STATE **Kansas** (5A) ROUTE ON/UNDER

(4) CITY Maize Route On Structure

(3) COUNTY HBP FUNDING ELIGIBILITY Sedgwick Not Eligible

NOTES

STRUCTURE NOTES _Delete this inspection date 5/11/2010

INSPECTION NOTES

Culvert - Bottom of CMP has superficial corrosion and minor pitting. No deformation of pipes. Channel - Minor debris in pipes.

 $Posting\ required.\ Post\ at\ 14-20-23.\ Move\ the\ posting\ signs\ from\ structure\ 002\ (\ Tyler\ near\ 45th\ St.)\ to\ this\ structure.$

ROADWAY NOTES

Printed: 2/24/2014 Record Date: 02/19/2014 -- ZFNK Y KDOT BLP SIA WN v7.0 9/25/2012

Bridge No. 00870809006041 Inspection Date: 02/19/2014 County: Sedgwick Inspector: CWPJ



Roadway looking North



Downstream elevation



Upstream elevation



Looking upstream

Bridge No.	00870809006041	Inspection Date:	02/19/2014	County:	Sedgwick	Inspector:	CWPJ
ooking downstream							