KNOX COUNTY

INCLUDED: [Significant feature(s) of bridge given in boldface]
[Field inventoried bridge indicated by asterisk]

Inv.No.	MHTD	Bridge Name	Description	
KNOX01	G 453	Edina Bridge	1-140'	**riveted Pratt through truss**
			1923	W.H. & G.H Turner
KNOX02	004001.2	South Fabius River Bridge	1- 42'	pinned Pratt bedstead
			c1900	
KNOX03	008001.4	South Fabius River Bridge	1- 60'	pin Pratt half-hip pony truss
			c1905	
KNOX04	024001.3	Moore Bridge	1- 48'	pinned Pratt bedstead
			1909	John Moore
KNOX05	025000.2	Schragge Bridge	1- 36'	steel stringer
			1911	Walters Brothers; Illinois Steel Bridge Company
*KNOX06	027000.1	Kiley Bridge	1- 36'	riveted lattice bedstead
			1911	Walters Brothers; Illinois Steel Bridge Company
KNOX07	057000.1	Brown Bridge	1- 70'	pinned Pratt pony truss
			1915	Walters Brothers; Ottumwa Box Car Loader Company
KNOX08	072001.8	Sallee Bridge	1- 80'	pinned Pratt pony truss
			1914	Martin Kiesow; Illinois Steel Bridge Company
KNOX09	084001.6	Parish Bridge	1- 84'	pinned Pratt pony truss
			1907	Ottumwa Bridge Company
KNOX10	118001.4	Baker Bridge	1- 48'	pinned Pratt pony truss
			1909	J.K. Johnston; Dildine Bridge Company
KNOX11	123000.1	Kinney Bridge	1- 48'	pinned Pratt bedstead
			1910	Walters Brothers; Illinois Steel Bridge Company
KNOX12	129002.2	McCann Bridge	1- 60'	pinned Pratt bedstead
			1910	J.K. Johnston; Illinois Steel Bridge Company
KNOX13	144001.6	Vaughn Bridge	1- 36'	riveted lattice bedstead
			1911	Walters Brothers; Illinois Steel Bridge Company
KNOX14	150001.4	Beal Fletch Bridge	1- 60'	pinned Pratt pony truss
			1911	Walters Brothers; Illinois Steel Bridge Company
KNOX15	157000.2	Goodwin Bridge		(replaced)
KNOX16	164000.2	Norton Bridge	1- 36'	riveted lattice bedstead
			1914	Walters & Son; Illinois Steel Bridge Company
KNOX17	165000.4	Bridge Creek Bridge	1- 46'	pinned Pratt bedstead
			c1915	Illinois Steel Bridge Co. (prob.)

KNOX COUNTY

INCLUDED (cont.):

KNOX18	166000.5	Rekus Bridge	1- 42' **1915**	pinned Pratt bedstead Charles Baker; Illinois Steel Bridge Company
KNOX19	167001.2	Cain Bridge	1- 28' **1906**	steel stringer J.K. Johnson
KNOX20	169001.0	Hax Bridge	1- 36' **1912**	riveted lattice bedstead truss Walters Brothers; Illinois Steel Bridge Company
KNOX21	169001.4	Davis Bridge	1- 36' **1904**	pinned Pratt bedstead truss Illinois Steel Bridge Company
KNOX22	176001.0	Luke Bridge		(replaced)
KNOX23	183000.6	Bridge Creek Bridge	1- 36' c1915	riveted lattice bedstead Illinois Steel Bridge Company
KNOX24	183001.9	Creed-Davis Bridge	1- 36' **1909**	pinned Pratt pony truss E.L. Davis; Dildine Bridge Company
KNOX25	187000.3	Seeger Bridge	1- 85' **1911**	pinned Pratt pony truss Martin Kiesow; Illinois Steel Bridge Company
*KNOX26	192000.6	Seaman Bridge	1- 95' **1906**	**pinned Pratt through truss** Standard Bridge Company
KNOX27	195000.3	Forest Spring Bridge		(replaced)
*KNOX28	219002.0	Fisher Bridge	1- 36' **1905**	pinned Pratt bedstead Illinois Steel Bridge Company
KNOX29	239000.8	Little Fabius River Bridge	1- 36' **1911**	riveted lattice bedstead Illinois Steel Bridge Company
*KNOX30	254000.7	Bradford Bridge	1- 90' c1920	**riveted Camelback pony truss**
KNOX31	264001.0	Noblett Bridge	1- 36' **1911**	riveted lattice bedstead Upright & Luke; Illinois Steel Bridge Company
KNOX32	265002.2	Little Fabius River Bridge	1- 45' c1910	pinned Pratt bedstead
*KNOX33	270002.5	Fowler Bridge	1- 36' 1903	pinned Pratt bedstead J.K. Johnston
KNOX34	271000.7	Noblett Bridge	1- 36' **1907**	riveted lattice bedstead Ottumwa Bridge Company
KNOX35	272002.1	Mason Bridge	1- 42' **1911**	pinned Pratt bedstead Upright & Luke
*KNOX36	273000.1	Bishop Bridge		(replaced)
KNOX37	281000.8	Coon Creek Bridge	1- 32' c1910	riveted lattice bedstead Illinois Steel Bridge Co. (prob.)
KNOX38	282001.3	Pleasant Valley Bridge	1- 75' **1913**	pinned Pratt pony truss Walters & Son
*KNOX39	289001.8	South Fabius River Bridge	1- 80' c1890	**pinned Pratt through truss**

KNOX COUNTY

INCLUDED (cont.):

*KNOX40	289002.0	Hamilton Bridge	1- 75'	pinned Pratt pony truss
			1910	Walters Brothers;
				Illinois Steel Bridge Company
KNOX41	296001.2	Metzgar Bridge	1- 36'	pinned Pratt bedstead
			1906	Illinois Steel Bridge Company
KNOX42	297000.5	Million Creek Bridge	1- 36'	riveted lattice bedstead truss
			c1910	Illinois Steel Bridge Co. (prob.)
KNOX43	298001.1	Sweet Oak Bridge	1- 70'	pinned Pratt bedstead
			1910	Walters Brothers;
				Illinois Steel Bridge Company
KNOX44	304001.2	Troublesome Creek Bridge	1- 56'	pinned Pratt bedstead
			c1915	
KNOX45	321001.9	Rose Bridge		(replaced)
KNOX46	336000.6	Newkirk Bridge	1- 28'	steel stringer
			1907	Dildine Bridge Company
KNOX47	344002.0	Salt River Bridge	1- 80'	pinned Pratt pony truss
			c1910	Illinois Steel Bridge Company
KNOX48	351000.1	Saling Bridge		(replaced)
KNOX49	351001.8	Salt River Bridge	1- 80'	pinned Pratt pony truss
			c1910	
KNOX50	353000.1	Fraley Bridge	1- 48'	pinned Pratt bedstead
			1913	Walters Brothers;
				Illinois Steel Bridge Company
KNOX51	355000.2	Ralls Bridge	1- 45'	pinned Pratt bedstead
			1910	Walters Brothers;
				Illinois Steel Bridge Company
*KNOX52	370002.3	Coe Bridge	1- 48'	pinned Pratt bedstead
			1904	local labor; American Bridge Co.
KNOX53	378001.8	Deer Bridge	1- 36'	pinned Pratt bedstead
			1905	Illinois Bridge Company
KNOX54	385000.7	Hall Bridge	1- 48'	pinned Pratt bedstead
			1914	Walters & Son;
				Illinois Steel Bridge Company
KNOX55	390000.4	Rich Bridge		(replaced)
KNOX56	397001.5	Million Branch Bridge	1- 26'	steel stringer
			1910	Thomas Upright;
KNOX57	399001.6	Pflum Bridge	1- 90'	pinned Pratt pony truss
			1913	Walters & Son;
				Illinois Steel Bridge Company
KNOX58	408002.0	Bridge	1- 35'	pinned Pratt bedstead
			c1915	

EXCLUDED:

Pratt pony truss
015001.7 387001.5

Lattice bedstead
162001.2 172001.6 325001.5

KNOX COUNTY

EXCLUDED (cont.):

Steel stringer / girder

H 770	H 771	J 549	K 328	P 38	S 73	S 434
X 198	X 617	X 824	X 905	006001.1	006001.8	023000.5
036000.9	039000.6	042001.0	045003.2	047002.1	049000.3	057000.4
057001.7	058001.6	070000.5	092001.3	095000.1	101000.1	112000.3
118000.7	118001.6	131001.3	134000.5	135001.4	161000.4	169002.2
181000.2	201000.7	205000.3	210000.1	218000.1	220001.0	222000.8
226000.5	231000.7	262000.2	270000.1	289000.6	299000.5	324000.9
327000.3	332000.1	338R00.6	339000.9	324000.7	349001.1	359001.2
369000.2	378000.2	378003.2	399001.2	409000.6	412000.1	

Concrete girder
H 125

Concrete box culvert

H 134	H 159	J 284	J 285	K 715R	P 37	P 39
S 577	X 42	X 904				

Timber stringer
013001.9 139001.4

SUMMARY:

	Primary	Secondary	Urban	Other	Total
Included	1	50	0	0	51
Excluded	23	58	0	0	81
	24	108	0	0	132 structures

Edina Bridge

KNOX01

GENERAL DATA

structure no.:	G 453	**city/town:**	Edina
county:	Knox	**feature inters.:**	North Fork of Fabius River
		cadastral grid:	S13, T62N, R12W; S18, T62N, R11W
		highway route:	State Highway 15
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 7-panel, rigid-connected Pratt through truss
substructure: concrete abutments and wingwalls

span number:	1	**condition:**	good
span length:	140.0'	**alterations:**	none
total length:	144.0'	**floor/decking :**	concrete deck over steel stringers
roadway width:	20.0'	**other features:**	steel pipe guardrails

HISTORICAL DATA

erection date: 1923
erection cost: $18,436.80
designer: Missouri State Highway Department
fabricator : unknown
contractor: W.H. and G.H. Turner

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number G 453; Missouri Highway and Transportation Department, Primary System Bridge Record (see entries for Knox County), on file at MHTD, Jefferson City MO.

sign. rating: 41
evaluation: NRHP non-eligible (typical example of MSHD truss bridge design)

inventoried by: Clayton B. Fraser 3 August 1994

South Fabius River Bridge

KNOX02

GENERAL DATA

structure no.:	004001.2	**city/town:**	7.3 miles northwest of Baring
county:	Knox	**feature inters.:**	North Fork of South Fabius River
		cadastral grid:	S10/11, T63N, R13W
		highway route:	County Road 4
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead, with steel stringer approach span

substructure: steel bedstead leg pier and abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	42.0'	**alterations:**	unknown
total length:	57.0'	**floor/decking :**	timber deck
roadway width:	10.8'	**other features:**	no guardrails

HISTORICAL DATA

erection date: c1900
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 004001.2.

sign. rating: 26
evaluation: NRHP non-eligible (typical example of common structural type, inadequately documented)

inventoried by: Clayton B. Fraser 3 August 1994

South Fabius River Bridge

KNOX03

GENERAL DATA

structure no.: 008001.4
county: Knox
city/town: 3.2 miles northwest of Baring
feature inters.: North Fork of South Fabius River
cadastral grid: S20, T63N, R12W
highway route: County Road 8
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel, 4-panel, pin-connected Pratt half-hip pony truss
substructure: unknown

span number: 1
span length: 60.0'
total length: 89.0'
roadway width: 12.0'
condition: fair
alterations: unknown
floor/decking : timber deck
other features: unknown

HISTORICAL DATA

erection date: c1905
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 008001.4.

sign. rating: 29
evaluation: NRHP non-eligible (typically configured example of common structural type, inadequately documented)

inventoried by: Clayton B. Fraser 3 August 1994

Moore Bridge

KNOX04

GENERAL DATA

structure no.:	024001.3	**city/town:**	4.8 miles northwest of Baring
county:	Knox	**feature inters.:**	North Fork of South Fabius River
		cadastral grid:	S18, T63N, R12W
		highway route:	County Road 24
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead, with steel stringer approach spans

substructure: steel pile bent piers

span number:	1	**condition:**	fair
span length:	48.0'	**alterations:**	approach spans replaced
total length:	103.0'	**floor/decking :**	timber deck
roadway width:	11.9'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1909

erection cost: $90.00 (erection cost)

designer: unknown

fabricator : unknown

contractor: John Moore

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 024001.3; Knox County Bridge Record Number 1: page 82 (July 1909) - located at the Knox County Courthouse, Edina MO.

sign. rating: 37

evaluation: NRHP non-eligible (typically configured, small-scale truss type)

inventoried by: Clayton B. Fraser 3 August 1994

Schragge Bridge

KNOX05

GENERAL DATA

structure no.:	025000.2	**city/town:**	3.6 miles northwest of Baring
county:	Knox	**feature inters.:**	Nicks Branch
		cadastral grid:	S8/17, T63N, R12W
		highway route:	County Road 25
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel stringer
substructure: timber pile bent abutments and wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	11.6'	**other features:**	unknown

HISTORICAL DATA

erection date: 1911
erection cost: $338.00
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 025000.2; Knox County Bridge Record Number 1: page 129 (May 1911) -located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (undistinguished, small-scale bridge type)

inventoried by: Clayton B. Fraser 3 August 1994

Kiley Bridge

KNOX06

GENERAL DATA

structure no.:	027000.1	**city/town:**	2.3 miles northeast of Baring
county:	Knox	**feature inters.:**	Bridge Creek
		cadastral grid:	S12/13, T63N, R12W
		highway route:	County Road 27
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	11.6'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1911
erection cost: $329.00
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 027000.1; Knox County Bridge Record Number 1: page 130 (1911) - located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

sign. rating: 30
evaluation: NRHP non-eligible (undistinguished short-span pony truss)

inventoried by: Clayton B. Fraser 3 August 1994

Brown Bridge

KNOX07

GENERAL DATA

structure no.:	057000.1	**city/town:**	5.5 miles northeast of Baring
county:	Knox	**feature inters.:**	Middle Fabius River
		cadastral grid:	S4/9, T63N, R11W
		highway route:	County Road 57
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 4-panel, pin-connected Pratt pony truss, with steel stringer approach span

substructure: concrete-filled steel cylinder piers

span number:	1	**condition:**	fair
span length:	70.0'	**alterations:**	unknown
total length:	99.0'	**floor/decking :**	timber deck
roadway width:	13.5'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1915

erection cost: $690.00

designer: Ottumwa Box Car Loader Company, Ottumwa IA

fabricator : Ottumwa Box Car Loader Company, Ottumwa IA

contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 057000.1; Knox County Court Record, Book 15, page 512 (24 August 1915) - located at the Knox County Courthouse, Edina MO.

sign. rating: 38

evaluation: NRHP non-eligible (typical example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Sallee Bridge

KNOX08

GENERAL DATA

structure no.:	072001.8	**city/town:**	2.2 miles southeast of Millport
county:	Knox	**feature inters.:**	Middle Fabius River
		cadastral grid:	S18, T63N, R10W
		highway route:	County Road 72
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss, with steel stringer approach spans

substructure: concrete-filled steel cylinder piers

span number:	1	**condition:**	fair
span length:	80.0'	**alterations:**	unknown
total length:	141.0'	**floor/decking :**	timber deck
roadway width:	13.6'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1914

erection cost: $1865.90

designer: Illinois Steel Bridge Company, Jacksonville IL

fabricator : Illinois Steel Bridge Company, Jacksonville IL

contractor: Martin Kiesow

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 072001.8; Knox County Court Record, Book 15: page 229 (2 April 1914); Knox County Bridge Record Number 1: page 205 (1914) - both located at the Knox County Courthouse, Edina MO.

sign. rating: 40

evaluation: NRHP non-eligible (typical example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Parish Bridge

KNOX09

GENERAL DATA

structure no.:	084001.6	**city/town:**	2.5 miles southeast of Colony
county:	Knox	**feature inters.:**	Middle Fabius River
		cadastral grid:	S35, T63N, R10W
		highway route:	County Road 84
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss, with steel stringer approach spans

substructure: concrete-filled steel cylinder piers

span number:	1	**condition:**	fair
span length:	84.0'	**alterations:**	unknown
total length:	146.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1907

erection cost: $1390.00

designer: Ottumwa Bridge Company, Ottumwa IA

fabricator : Ottumwa Bridge Company, Ottumwa IA

contractor: Ottumwa Bridge Company, Ottumwa IA

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 084001.6; Knox County Bridge Record Number 1: page 66 (14 December 1906) - located at the Knox County Courthouse, Edina MO.

sign. rating: 40

evaluation: NRHP non-eligible (typically configured example of exceedingly common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Baker Bridge

KNOX10

GENERAL DATA

structure no.:	118001.4	**city/town:**	3.8 miles northeast of Hurdland
county:	Knox	**feature inters.:**	South Fork of South Fabius River
		cadastral grid:	S8/9, T62N, R12W
		highway route:	County Road 118
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt pony truss, with steel stringer approach spans

substructure: concrete-filled steel cylinder piers

span number:	1	**condition:**	fair
span length:	48.0'	**alterations:**	unknown
total length:	77.0'	**floor/decking :**	timber deck
roadway width:	11.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1909

erection cost: $729.74

designer: Dildine Bridge Company, Hannibal MO

fabricator : Dildine Bridge Company, Hannibal MO

contractor: J.K. Johnston

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 118001.4; Knox County Bridge Record Number 1: page 91 (October 1909) - located at the Knox County Courthouse, Edina MO.

sign. rating: 37

evaluation: NRHP non-eligible (typically configured example of exceedingly common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Kinney Bridge

KNOX11

GENERAL DATA

structure no.:	123000.1	**city/town:**	2.2 miles southwest of Baring
county:	Knox	**feature inters.:**	North Fork of South Fabius River
		cadastral grid:	S3, T62N, R12W
		highway route:	County Road 123
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead leg abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	48.0'	**alterations:**	unknown
total length:	49.0'	**floor/decking :**	timber deck
roadway width:	11.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1910
erection cost: $572.76
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 123000.1; Knox County Bridge Record Number 1: page 116 (August 1910) -located at the Knox County Courthouse, Edina MO.

sign. rating: 35
evaluation: NRHP non-eligible (typical example of relatively common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

McCann Bridge

KNOX12

GENERAL DATA

structure no.:	129002.2	**city/town:**	3.8 miles northeast of Hurdland
county:	Knox	**feature inters.:**	South Fork of South Fabius River
		cadastral grid:	S6, T62N, R12W
		highway route:	County Road 129
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead, with steel stringer approach span

substructure: steel bedstead leg piers and abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	60.0'	**alterations:**	unknown
total length:	86.0'	**floor/decking :**	timber deck
roadway width:	11.3'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1910

erection cost: $1133.37

designer: Illinois Steel Bridge Company, Jacksonville IL

fabricator : Illinois Steel Bridge Company, Jacksonville IL

contractor: J.K. Johnston

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 129002.2; Knox County Bridge Record Number 1: page 117 (3 July 1910) - located at the Knox County Courthouse, Edina MO.

sign. rating: 38

evaluation: NRHP non-eligible (typically configured example of relatively common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Vaughn Bridge

KNOX13

GENERAL DATA

structure no.:	144001.6	**city/town:**	3.8 miles southwest of Edina
county:	Knox	**feature inters.:**	Rock Creek
		cadastral grid:	S28/33, T62N, R12W
		highway route:	County Road 144
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	14.0'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1911
erection cost: $544.75
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 144001.6; Knox County Bridge Record Number 1: page 162 (1911) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (undistinguished small-scale pony truss)

inventoried by: Clayton B. Fraser 3 August 1994

Beal Fletch Bridge

KNOX14

GENERAL DATA

structure no.:	150001.4	**city/town:**	1.0 mile northeast of Edina
county:	Knox	**feature inters.:**	North Fork of South Fabius River
		cadastral grid:	S18, T62N, R11W
		highway route:	County Road 150
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt pony truss
substructure: concrete abutments and wingwalls

span number:	1	**condition:**	fair
span length:	60.0'	**alterations:**	unknown
total length:	61.0'	**floor/decking :**	concrete deck over steel stringers
roadway width:	12.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1911
erection cost: $496.05
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 150001.4.

sign. rating: 38
evaluation: NRHP non-eligible (typical medium-span example of common structural type, technologically undistinguished)

inventoried by: Clayton B. Fraser 3 August 1994

Norton Bridge

KNOX16

GENERAL DATA

structure no.:	164000.2	**city/town:**	6.5 miles northeast of Edina
county:	Knox	**feature inters.:**	Little Bridge Creek
		cadastral grid:	S7/12, T62N, R10/11W
		highway route:	County Road 164
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	11.8'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1914
erection cost: $335.10
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters and Son

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 164000.2; Knox County Bridge Record Number 1: page 211 (June 1914); Knox County Court Record, Book 15: page 208 (3 March 1914) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (undistinguished small-scale pony truss)

inventoried by: Clayton B. Fraser 3 August 1994

Bridge Creek Bridge

KNOX17

GENERAL DATA

structure no.:	165000.4	**city/town:**	6.7 miles northeast of Edina
county:	Knox	**feature inters.:**	Bridge Creek
		cadastral grid:	S1, T62N, R11W
		highway route:	County Road 165
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead leg piers

span number:	1	**condition:**	fair
span length:	46.0'	**alterations:**	unknown
total length:	57.0'	**floor/decking :**	timber deck
roadway width:	13.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: c1915
erection cost: unknown
designer: Illinois Steel Bridge Company, Jacksonville IL (probable)
fabricator : Illinois Steel Bridge Company, Jacksonville IL (probable)
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 165000.4.

sign. rating: 25
evaluation: NRHP non-eligible (typically configured, short-span bedstead truss)

inventoried by: Clayton B. Fraser 3 August 1994

Rekus Bridge

KNOX18

GENERAL DATA

structure no.:	166000.5	**city/town:**	5.4 miles northeast of Edina
county:	Knox	**feature inters.:**	Bridge Creek
		cadastral grid:	S2, T62N, R11W
		highway route:	County Road 166
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead legs

span number:	1	**condition:**	fair
span length:	42.0'	**alterations:**	unknown
total length:	43.0'	**floor/decking :**	timber deck
roadway width:	12.5'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1915
erection cost: $458.00 (superstructure cost)
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Charles Baker

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 166000.5; Knox County Bridge Record Number 1: page 222 (1915); Knox County Court Record, Book 15: page 392 (30 December 1914) - both located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (undistinguished, small-scale bedstead)

inventoried by: Clayton B. Fraser 3 August 1994

Cain Bridge

KNOX19

GENERAL DATA

structure no.: 167001.2
county: Knox

city/town: 2.1 miles northeast of Edina
feature inters.: Troublesome Creek
cadastral grid: S17, T62N, R11W
highway route: County Road 167
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel stringer
substructure: unknown

span number: 1
span length: 28.0'
total length: 49.0'
roadway width: 12.0'

condition: fair
alterations: unknown
floor/decking : unknown
other features: unknown

HISTORICAL DATA

erection date: 1906
erection cost: $225.00
designer: unknown
fabricator : unknown
contractor: J.K. Johnston

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 167001.2; Knox County Bridge Record Number 1: page 59 (14 December 1905) - located at the Knox County Courthouse, Edina MO.

sign. rating: 32
evaluation: NRHP non-eligible (undistinguished, small-scale example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Hax Bridge

KNOX20

GENERAL DATA

structure no.: 169001.0
county: Knox

city/town: 3.3 miles southeast of Edina
feature inters.: unnamed stream
cadastral grid: S22, T62N, R11W
highway route: County Road 169
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: unknown

span number: 1
span length: 36.0'
total length: 37.0'
roadway width: 13.8'

condition: fair
alterations: unknown
floor/decking : unknown
other features: no guardrails

HISTORICAL DATA

erection date: 1912
erection cost: $259.51
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 169001.0; Knox County Bridge Record Number 1: page 163 (1912) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (undistinguished, small-scale pony truss)

inventoried by: Clayton B. Fraser 3 August 1994

Davis Bridge

KNOX21

GENERAL DATA

structure no.:	169001.4	**city/town:**	3.5 miles southeast of Edina
county:	Knox	**feature inters.:**	Troublesome Creek
		cadastral grid:	S22, T62N, 11RW
		highway route:	County Road 169
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead legs

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	approach spans removed
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1904
erection cost: $400.00
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Illinois Steel Bridge Company, Jacksonville IL

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 169001.4; Knox County Bridge Record Number 1: page 25 (25 August 1904) -located at the Knox County Courthouse, Edina MO.

sign. rating: 34
evaluation: NRHP non-eligible (typical, small-scale example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Bridge Creek Bridge

KNOX23

GENERAL DATA

structure no.:	183000.6	**city/town:**	8.0 miles northeast of Edina
county:	Knox	**feature inters.:**	Bridge Creek
		cadastral grid:	S8, T62N, R10W
		highway route:	County Road 183
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments and timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	51.0'	**floor/decking :**	timber deck
roadway width:	12.1'	**other features:**	no guardrails

HISTORICAL DATA

erection date: c1915
erection cost: unknown
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 183000.6.

sign. rating: 25
evaluation: NRHP non-eligible (typical, small-scale example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Creed-Davis Bridge

KNOX24

GENERAL DATA

structure no.:	183001.9	city/town:	1.7 miles northwest of Knox City
county:	Knox	feature inters.:	Wolf Branch
		cadastral grid:	S20/21, T62N, R10W
		highway route:	County Road 183
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	condition:	fair
span length:	36.0'	alterations:	unknown
total length:	37.0'	floor/decking :	timber deck
roadway width:	11.9'	other features:	no guardrails

HISTORICAL DATA

erection date: 1909
erection cost: $256.85
designer: unknown
fabricator : Dildine Bridge Company, Hannibal MO
contractor: E.L. Davis

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 183001.9; Knox County Bridge Record Number 1: page 84 (August 1909) - located at the Knox County Courthouse, Edina MO.

sign. rating: 32
evaluation: NRHP non-eligible (typical, small-scale example of common structural type)

Inventoried by: Clayton B. Fraser 3 August 1994

Seeger Bridge

KNOX25

GENERAL DATA

structure no.:	187000.3	**city/town:**	3.3 miles northeast of Knox City
county:	Knox	**feature inters.:**	Bridge Creek
		cadastral grid:	S10/11, T62N, R10W
		highway route:	County Road 187
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss
substructure: concrete-filled steel cylinder piers

span number:	1	**condition:**	fair
span length:	85.0'	**alterations:**	approach spans added
total length:	109.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1911
erection cost: $1180.25
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Martin Kiesow

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 187000.3; Knox County Bridge Record Number 1: page 141 (1911), page 26 (15 March 1900) - located at the Knox County Courthouse, Edina MO.

sign. rating: 40
evaluation: NRHP non-eligible (typically configured example of common truss type)

inventoried by: Clayton B. Fraser 3 August 1994

Seaman Bridge

KNOX26

GENERAL DATA

structure no.: 192000.6
county: Knox
city/town: 5.3 miles northeast of Knox City
feature inters.: Middle Fabius River
cadastral grid: S1, T62N, R10W
highway route: County Road 192
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel, 6-panel, pin-connected Pratt through truss, with lattice bedstead approach span
substructure: concrete abutments; concrete-filled steel cylinder piers

span number: 1
span length: 95.0'
total length: 167.0'
roadway width: 12.2'
condition: fair
alterations: none
floor/decking : timber deck over steel stringers
other features: upper chord and inclined end post: 2 channels with cover plate and lacing; lower chord: 2 punched rectangular eyebars; vertical: 2 channels with lacing (2 square eyebars at the hip); diagonal: 2 looped square eyebars; counter: round eyerod with turnbuckle; lateral bracing: round rod with threaded ends; strut: 4 angles with lacing; floor beam: I-beam, field-bolted to vertical; guardrail: none

HISTORICAL DATA

erection date: 1906
erection cost: $1100.00
designer: Standard Bridge Company, Omaha NE
fabricator : Standard Bridge Company, Omaha NE
contractor: Standard Bridge Company, Omaha NE

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 192000.6; Knox County Bridge Record Number 1: pages 3, 45 (3 May 1905); Knox County Court Record, Book 11, page 155 (5 February 1901), page 220 (14 June 1901), page 222 (15 July 1901) - both located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

sign. rating: 41
evaluation: NRHP non-eligible (typical example of common structural type)

inventoried by: Clayton Fraser and Michelle Crow-Dolby 3 August 1994

Fisher Bridge

KNOX28

GENERAL DATA

structure no.:	219002.0	**city/town:**	6.7 miles southwest of Edina
county:	Knox	**feature inters.:**	Little Fabius River
		cadastral grid:	S16, T61N, R12W
		highway route:	County Road 219
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead legs with timber abutments and wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	none
total length:	37.0'	**floor/decking :**	timber deck over steel stringers
roadway width:	11.8'	**other features:**	upper chord and upright end post: 2 channels with cover and batten plates; lower chord: 2 channels with lacing; vertical: 4 angles with lacing; vertical: 2 looped rectangular eyebars; diagonal: 2 looped rectangular eyebars; counter: 1 square eyerod with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to vertical; guardrail: none

HISTORICAL DATA

erection date: 1905
erection cost: $414.20
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Illinois Steel Bridge Company, Jacksonville IL

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 219002.0; Knox County Bridge Record Number 1: page 48 (12 August 1905) - located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

sign. rating: 36
evaluation: NRHP non-eligible (typical small-scale example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Little Fabius River Bridge

KNOX29

GENERAL DATA

structure no.:	239000.8	**city/town:**	3.7 miles southeast of Hurdland
county:	Knox	**feature inters.:**	Little Fabius River
		cadastral grid:	S7, T61N, R12W
		highway route:	County Road 239
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	truss moved to this location
total length:	37.0'	**floor/decking :**	timber deck over steel stringers
roadway width:	13.8'	**other features:**	guardrail: none

HISTORICAL DATA

erection date: 1911
erection cost: unknown
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 239000.8; Knox County Bridge Record Number 1: page 183 (1911) - located at the Knox County Courthouse, Edina MO.

sign. rating: 22
evaluation: NRHP non-eligible (undistinguished, small-scale structural type, moved to this location)

inventoried by: Clayton B. Fraser 3 August 1994

Bradford Bridge

KNOX30

GENERAL DATA

structure no.: 254000.7
county: Knox
city/town: 7.5 miles northwest of Novelty
feature inters.: Salt River
cadastral grid: S27/34, T61N, R12W
highway route: County Road 254
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, rigid-connected Camelback pony truss, with steel stringer approach spans
substructure: steel pile bent piers and abutments with timber wingwalls

span number: 1
span length: 90.0'
total length: 144.0'
roadway width: 13.7'
condition: fair
alterations: none
floor/decking : timber deck over steel stringers
other features: upper chord and inclined end post: 2 channels with cover plate and lacing; lower chord: 4 angles with batten plates; vertical: 4 angles with lacing; diagonal: 2 angles with batten plates; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to vertical; guardrail: 2 angles

HISTORICAL DATA

erection date: c1920
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 254000.7; field inspection by Clayton Fraser, July 1992.

sign. rating: 38
evaluation: NRHP non-eligible (uncommon structural type, inadequately documented)

inventoried by: Clayton B. Fraser 3 August 1994

Noblett Bridge

KNOX31

GENERAL DATA

structure no.:	264001.0	**city/town:**	4.2 miles south of Edina
county:	Knox	**feature inters.:**	Coon Creek
		cadastral grid:	S7, T61N, R11W
		highway route:	County Road 264
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	11.7'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1911
erection cost: $330.60
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Upright and Luke

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 264001.0; Knox County Bridge Record Number 1: page 143 (1911) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (undistinguished small-scale pony truss)

inventoried by: Clayton B. Fraser 3 August 1994

Little Fabius River Bridge

KNOX32

GENERAL DATA

structure no.:	265002.2	**city/town:**	3.9 miles northeast of Novelty
county:	Knox	**feature inters.:**	Little Fabius River
		cadastral grid:	S29/32, T61N, R11W
		highway route:	County Road 265
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead legs

span number:	1	**condition:**	fair
span length:	45.0'	**alterations:**	unknown
total length:	61.0'	**floor/decking :**	timber deck
roadway width:	13.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: c1910
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 265002.2.

sign. rating: 25
evaluation: NRHP non-eligible (typically configured, inadequately documented example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Fowler Bridge

KNOX33

GENERAL DATA

structure no.: 270002.5
county: Knox
city/town: 4.3 miles northeast of Novelty
feature inters.: Little Fabius River
cadastral grid: S32/33, T61N, R11W
highway route: county road
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: bedstead legs; timber back-wingwalls

span number: 1
span length: 36.0'
total length: 37.0'
roadway width: 12.0'
condition: fair
alterations: none
floor/decking : timber deck over steel stringers
other features: upper chord and inclined end post: 2 channels with cover and batten plates; lower chord: 2 channels with batten plates; vertical: 4 angles with double lacing; hip vertical: 2 square eyebars; diagonal: 2 square eyebars; counter: square eyerod with slotted turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to vertical

HISTORICAL DATA

erection date: 1903
erection cost: $348.00
designer: American Bridge Company (Wrought Iron Bridge Company)
fabricator : American Bridge Company (Wrought Iron Bridge Company)
contractor: J.K. Johnston

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 270002.5; Knox County Bridge Record Number 1 p. 17 (10 June 1903) - located at the Knox County Courthouse, Edina MO; field inspected by Clayton Fraser, July 1992.

sign. rating: 36
evaluation: NRHP non-eligible (well-preserved, small-scale example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Noblett Bridge

KNOX34

GENERAL DATA

structure no.:	271000.7	**city/town:**	4.9 miles southeast of Edina
county:	Knox	**feature inters.:**	Coon Creek
		cadastral grid:	S8, T61N, R11W
		highway route:	County Road 271
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 2-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	12.3'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1907
erection cost: $340.00
designer: Ottumwa Bridge Company, Ottumwa IA
fabricator : Ottumwa Bridge Company, Ottumwa IA
contractor: local labor

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 271000.7; Knox County Bridge Record Number 1: page 64 (December 1906) - located at the Knox County Courthouse, Edina MO.

sign. rating: 32
evaluation: NRHP non-eligible (undistinguished small-scale pony truss)

inventoried by: Clayton B. Fraser 3 August 1994

Mason Bridge

KNOX35

GENERAL DATA

structure no.:	272002.1	**city/town:**	6.0 miles southeast of Edina
county:	Knox	**feature inters.:**	Coon Creek
		cadastral grid:	S15/16, T61N, R11W
		highway route:	County Road 272
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead leg abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	42.0'	**alterations:**	unknown
total length:	46.0'	**floor/decking :**	timber deck
roadway width:	12.3'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1911
erection cost: $473.64
designer: unknown
fabricator : unknown
contractor: Upright and Luke

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 272002.1; Knox County Bridge Record Number 1: page 165 (1911) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (typical example of common small-scale structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Coon Creek Bridge

KNOX37

GENERAL DATA

structure no.:	281000.8	**city/town:**	5.8 miles southeast of Edina
county:	Knox	**feature inters.:**	Coon Creek
		cadastral grid:	S9/16, T61N, R11W
		highway route:	County Road 281
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, rigid-connected lattice bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	32.0'	**alterations:**	unknown
total length:	33.0'	**floor/decking :**	timber deck
roadway width:	12.5'	**other features:**	no guardrails

HISTORICAL DATA

erection date: c1910
erection cost: unknown
designer: Illinois Steel Bridge Company, Jacksonville IL (probable)
fabricator : Illinois Steel Bridge Company, Jacksonville IL (probable)
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 281000.8.

sign. rating: 20
evaluation: NRHP non-eligible (common small-scale truss configuration)

inventoried by: Clayton B. Fraser 3 August 1994

Pleasant Valley Bridge

KNOX38

GENERAL DATA

structure no.:	282001.3	**city/town:**	6.6 miles southeast of Edina
county:	Knox	**feature inters.:**	South Fabius River
		cadastral grid:	S11, T61N, R11W
		highway route:	County Road 282
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss
substructure: steel pile bent pier and abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	75.0'	**alterations:**	unknown
total length:	92.0'	**floor/decking :**	timber deck
roadway width:	11.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1913
erection cost: $735.00
designer: unknown
fabricator : unknown
contractor: Walters and Son

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 282001.3; Knox County Bridge Record Number 1: page 186 (1913) - located at the Knox County Courthouse, Edina MO.

sign. rating: 38
evaluation: NRHP non-eligible (typical example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

South Fabius River Bridge

KNOX39

GENERAL DATA

structure no.:	289001.8	**city/town:**	8.0 miles northeast of Novelty
county:	Knox	**feature inters.:**	South Fabius River
		cadastral grid:	S25/36, T61N, R11W
		highway route:	County Road 289
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 6-panel, pin-connected Pratt through truss
substructure: timber pile abutments and wingwalls

span number:	1	**condition:**	fair
span length:	80.0'	**alterations:**	truss moved to this location
total length:	81.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: c1890
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 289001.8.

sign. rating: 16
evaluation: NRHP non-eligible (poorly preserved, short-span example of mainstay structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Hamilton Bridge

KNOX40

GENERAL DATA

structure no.: 289002.0
county: Knox

city/town: 6.9 miles southwest of Knox City
feature inters.: South Fabius River
cadastral grid: S25/36, T61N, R11W
highway route: County Road 289
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss
substructure: concrete-filled steel cylinder piers with timber back- and wingwalls

span number: 1
span length: 75.0'
total length: 76.0'
roadway width: 11.8'

condition: fair
alterations: none
floor/decking : timber deck over steel stringers
other features: upper chord and inclined end post: 2 channels with cover and batten plates; lower chord: 2 punched rectangular eyebars; vertical: 4 angles with lacing; diagonal: 2 punched rectangular eyebars; counter: 1 looped square eyebar with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field bolted to vertical; guardrail: 2 angles

HISTORICAL DATA

erection date: 1910
erection cost: $1318.00
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 289002.0; Knox County Bridge Record Number 1: page 121 (1910) - located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

sign. rating: 40
evaluation: NRHP non-eligible (well-preserved, typically configured example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Metzgar Bridge

KNOX41

GENERAL DATA

structure no.:	296001.2	**city/town:**	4.2 miles southwest of Knox City
county:	Knox	**feature inters.:**	Long Branch
		cadastral grid:	S16/17, T61N, R10W
		highway route:	County Road 296
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead, with steel stringer approach spans

substructure: steel bedstead leg abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1906

erection cost: $412.50

designer: Illinois Steel Bridge Company, Jacksonville IL

fabricator : Illinois Steel Bridge Company, Jacksonville IL

contractor: Illinois Steel Bridge Company, Jacksonville IL

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 296001.2; Knox County Bridge Record Number 1: page 519 (14 December 1905) - located at the Knox County Courthouse, Edina MO.

sign. rating: 34

evaluation: NRHP non-eligible (typical, small-scale example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Million Creek Bridge

KNOX42

GENERAL DATA

structure no.:	297000.5	**city/town:**	7.2 miles southeast of Knox City
county:	Knox	**feature inters.:**	Million Creek
		cadastral grid:	S34/35, T61N, R10W
		highway route:	County Road 297
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, rigid-connected lattice bedstead
substructure: steel pile bent pier and abutments

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	52.0'	**floor/decking :**	timber deck
roadway width:	11.4'	**other features:**	no guardrails

HISTORICAL DATA

erection date: c1910
erection cost: unknown
designer: Illinois Steel Bridge Company, Jacksonville IL (probable)
fabricator : Illinois Steel Bridge Company, Jacksonville IL (probable)
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 297000.5.

sign. rating: 26
evaluation: NRHP non-eligible (common small-scale truss type)

inventoried by: Clayton B. Fraser 3 August 1994

Sweet Oak Bridge

KNOX43

GENERAL DATA

structure no.:	298001.1	**city/town:**	4.4 miles southeast of Knox City
county:	Knox	**feature inters.:**	Troublesome Creek
		cadastral grid:	S14/15, T61N, R10W
		highway route:	County Road 298
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead legs with timber wingwalls

span number:	1	**condition:**	fair
span length:	70.0'	**alterations:**	unknown
total length:	71.0'	**floor/decking :**	timber deck
roadway width:	11.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1910
erection cost: $956.70
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 298001.1; Knox County Bridge Record Number 1: page 104 (1910) - located at the Knox County Courthouse, Edina MO.

sign. rating: 38
evaluation: NRHP non-eligible (typical example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Troublesome Creek Bridge

KNOX44

GENERAL DATA

structure no.:	304001.2	**city/town:**	3.0 miles southwest of Knox City
county:	Knox	**feature inters.:**	Troublesome Creek
		cadastral grid:	S9, T61N, R10W
		highway route:	County Road 304
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 4-panel, pin-connected Pratt truss-leg bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	56.0'	**alterations:**	unknown
total length:	57.0'	**floor/decking :**	timber deck
roadway width:	13.7'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: c1915
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 304001.2.

sign. rating: 25
evaluation: NRHP non-eligible (undocumented example of standard truss type)

inventoried by: Clayton B. Fraser 3 August 1994

Newkirk Bridge

KNOX46

GENERAL DATA

structure no.:	336000.6	**city/town:**	2.5 miles southwest of Novelty
county:	Knox	**feature inters.:**	Black Creek
		cadastral grid:	S16, T60N, R12W
		highway route:	County Road 336
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel stringer
substructure: unknown

span number:	1	**condition:**	fair
span length:	28.0'	**alterations:**	unknown
total length:	29.0'	**floor/decking :**	unknown
roadway width:	11.8'	**other features:**	unknown

HISTORICAL DATA

erection date: 1907
erection cost: $650.00 (two-bridge contract)
designer: unknown
fabricator : unknown
contractor: Dildine Bridge Company, Hannibal MO

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 336000.6; Knox County Bridge Record Number 1: page 77 (14 December 1906) - located at the Knox County Courthouse, Edina MO.

sign. rating: 36
evaluation: NRHP non-eligible (common small-scale structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Salt River Bridge

KNOX47

GENERAL DATA

structure no.:	344002.0	**city/town:**	4.4 miles southwest of Novelty
county:	Knox	**feature inters.:**	Salt River
		cadastral grid:	S30, T60N, R12W
		highway route:	County Road 344
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss
substructure: steel pile bent piers and abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	80.0'	**alterations:**	unknown
total length:	164.0'	**floor/decking :**	timber deck
roadway width:	13.6'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: c1910
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 344002.0.

sign. rating: 30
evaluation: NRHP non-eligible (typically configured, inadequately documented example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Salt River Bridge

KNOX49

GENERAL DATA

structure no.:	351001.8	**city/town:**	5.0 miles southwest of Novelty
county:	Knox	**feature inters.:**	Salt River
		cadastral grid:	S32, T60N, R12W
		highway route:	County Road 351
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss
substructure: concrete-filled steel cylinder piers

span number:	1	**condition:**	fair
span length:	80.0'	**alterations:**	unknown
total length:	133.0'	**floor/decking :**	timber deck
roadway width:	13.6'	**other features:**	lattice and steel angle guardrails

HISTORICAL DATA

erection date: c1910
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 351001.8.

sign. rating: 30
evaluation: NRHP non-eligible (common bridge type, poorly documented)

inventoried by: Clayton B. Fraser 3 August 1994

Fraley Bridge

KNOX50

GENERAL DATA

structure no.:	353000.1	**city/town:**	2.9 miles southeast of Novelty
county:	Knox	**feature inters.:**	North River
		cadastral grid:	S19/20, T60N, R11W
		highway route:	County Road 353
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead leg abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	48.0'	**alterations:**	unknown
total length:	49.0'	**floor/decking :**	timber deck
roadway width:	11.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1913
erection cost: $574.92
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 353000.1; Knox County Bridge Record Number 1: page 177 (1913) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (relatively common structural type, technologically undistinguished)

inventoried by: Clayton B. Fraser 3 August 1994

Ralls Bridge

KNOX51

GENERAL DATA

structure no.:	355000.2	**city/town:**	4.3 miles southeast of Novelty
county:	Knox	**feature inters.:**	Lost Creek
		cadastral grid:	S29, T60N, R11W
		highway route:	County Road 355
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	45.0'	**alterations:**	unknown
total length:	46.0'	**floor/decking :**	timber deck
roadway width:	11.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1910
erection cost: $549.72
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters Brothers

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 355000.2; Knox County Bridge Record Number 1: page 110 (August 1910) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (typical example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Coe Bridge

KNOX52

GENERAL DATA

structure no.:	370002.3	**city/town:**	5.8 miles northeast of Novelty
county:	Knox	**feature inters.:**	Little Fabius River
		cadastral grid:	S2, T60N, R11W
		highway route:	County Road 370
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 4-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead legs with timber abutments and wingwalls

span number:	1	**condition:**	fair
span length:	48.0'	**alterations:**	none
total length:	49.0'	**floor/decking :**	timber deck over steel stringers
roadway width:	12.2'	**other features:**	upper chord and upright end post: 2 channels with cover and batten plates; lower chord: 2 channels with lacing; vertical: 4 angles with lacing; vertical: 2 looped rectangular eyebars; diagonal: 2 looped rectangular eyebars; counter: 1 square eyerod with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to vertical

HISTORICAL DATA

erection date: 1904
erection cost: $415.00
designer: American Bridge Company, New York NY
fabricator : American Bridge Company, New York NY
contractor: local labor

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 370002.3; Knox County Bridge Record Number 1: page 34 (October 1904) - located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

sign. rating: 34
evaluation: NRHP non-eligible (typical, small-scale example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Deer Bridge

KNOX53

GENERAL DATA

structure no.:	378001.8	**city/town:**	5.1 miles southeast of Novelty
county:	Knox	**feature inters.:**	North River
		cadastral grid:	S28, T60N, R11W
		highway route:	County Road 378
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	36.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1905
erection cost: $430.00
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Illinois Steel Bridge Company, Jacksonville IL

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 378001.8; Knox County Bridge Record Number 1: page 37 (July 1905) - located at the Knox County Courthouse, Edina MO.

sign. rating: 34
evaluation: NRHP non-eligible (typical example of relatively common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Hall Bridge

KNOX54

GENERAL DATA

structure no.:	385000.7	**city/town:**	3.6 miles southwest of Newark
county:	Knox	**feature inters.:**	Little Fabius River
		cadastral grid:	S29, T60N, R10W
		highway route:	County Road 385
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel bedstead leg abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	48.0'	**alterations:**	unknown
total length:	49.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	no guardrails

HISTORICAL DATA

erection date: 1914
erection cost: $682.00
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters and Son

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 385000.7; Knox County Bridge Record Number 1: page 210 (6 May 1914); Knox County Court Record, Book 15: page 208 (3 March 1914) - both located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (typical example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Million Branch Bridge

KNOX56

GENERAL DATA

structure no.: 397001.5
county: Knox
city/town: 2.6 miles northeast of Newark
feature inters.: Million Creek
cadastral grid: S1, T60N, R10W
highway route: County Road 397
highway distr.: 3
current owner: Knox County

STRUCTURAL DATA

superstructure: steel stringer
substructure: unknown

span number: 1
span length: 26.0'
total length: 27.0'
roadway width: 12.0'
condition: fair
alterations: unknown
floor/decking : unknown
other features: unknown

HISTORICAL DATA

erection date: 1910
erection cost: $180.60
designer: unknown
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Thomas Upright

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 397001.5; Knox County Bridge Record Number 1: page 108 (October 1910) - located at the Knox County Courthouse, Edina MO.

sign. rating: 30
evaluation: NRHP non-eligible (typical, small-scale example of exceedingly common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Pflum Bridge

KNOX57

GENERAL DATA

structure no.:	399001.6	**city/town:**	3.6 miles northeast of Newark
county:	Knox	**feature inters.:**	South Fabius River
		cadastral grid:	S8, T60N, R10W
		highway route:	County Road 399
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 5-panel, pin-connected Pratt pony truss
substructure: concrete abutments and wingwalls

span number:	1	**condition:**	fair
span length:	90.0'	**alterations:**	unknown
total length:	91.0'	**floor/decking :**	timber deck
roadway width:	13.8'	**other features:**	steel angle guardrails

HISTORICAL DATA

erection date: 1913
erection cost: $962.90
designer: Illinois Steel Bridge Company, Jacksonville IL
fabricator : Illinois Steel Bridge Company, Jacksonville IL
contractor: Walters and Son

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 399001.6; Knox County Bridge Record Number 1: page 185 (1913) - located at the Knox County Courthouse, Edina MO.

sign. rating: 40
evaluation: NRHP non-eligible (typically configured, long-span example of common structural type)

inventoried by: Clayton B. Fraser 3 August 1994

Bridge

KNOX58

GENERAL DATA

structure no.:	408002.0	**city/town:**	2.4 miles southwest of Newark
county:	Knox	**feature inters.:**	unnamed stream
		cadastral grid:	S27/34, T60N, R10W
		highway route:	County Road 408
		highway distr.:	3
		current owner:	Knox County

STRUCTURAL DATA

superstructure: steel, 3-panel, pin-connected Pratt truss-leg bedstead
substructure: steel pile bent abutments with timber wingwalls

span number:	1	**condition:**	fair
span length:	35.0'	**alterations:**	unknown
total length:	37.0'	**floor/decking :**	timber deck
roadway width:	12.0'	**other features:**	no guardrails

HISTORICAL DATA

erection date: c1915
erection cost: unknown
designer: unknown
fabricator : unknown
contractor: unknown

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 408002.0.

sign. rating: 20
evaluation: NRHP non-eligible (typical example of common structural type, poorly documented)

inventoried by: Clayton B. Fraser 3 August 1994

HAER INVENTORY
Missouri Historic Bridge Inventory

NAME(S) OF STRUCTURE
Seaman Bridge
MHTD: 192000.6

KNOX26

DATE(S) OF CONSTRUCTION
1906

LOCATION
County Road 192 over Middle Fabius River; S1, T62N, R10W
5.3 miles northeast of Knox City; Knox County, Missouri

USE (ORIGINAL / CURRENT)
roadway bridge / roadway bridge

RATING NRHP non-eligible (score: 41)

CONDITION
fair

OWNER
Knox County

span number:	1	superstructure:	steel, 6-panel, pin-connected Pratt through truss, with lattice bedstead approach span
span length:	95.0'	substructure:	concrete abutments; concrete-filled steel cylinder piers
total length:	167.0'	floor/decking:	timber deck over steel stringers
roadway wdt.:	12.2'	other features:	upper chord and inclined end post: 2 channels with cover plate and lacing; lower chord: 2 punched rectangular eyebars; vertical: 2 channels with lacing (2 square eyebars at the hip); diagonal: 2 looped square eyebars; counter: round eyerod with turnbuckle; lateral bracing: round rod with threaded ends; strut: 4 angles with lacing; floor beam: I-beam, field-bolted to vertical; guardrail: none

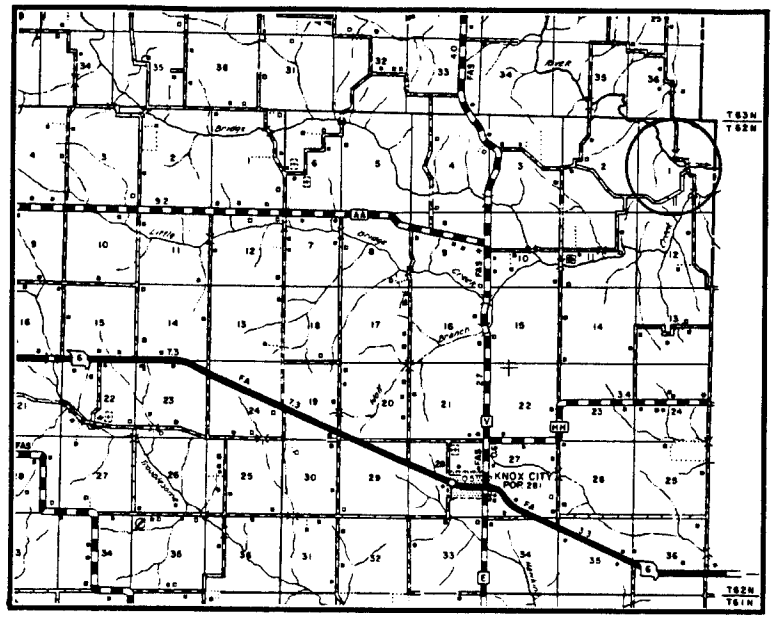
Spanning the Middle Fabius River along the eastern edge of Knox County, northeast of Knox City, this steel truss rests on a concrete/steel substructure. The Seaman Bridge, as the strcutre is known locally, is comptrised of a single pinned Pratt through span with a lattice bedstead at one end. County records reveal that at least one bridge functioned at this location prior to the erection of the current span. Built for $520.00 by the American Bridge Company in 1901, the earlier structure was destroyed by an ice flow, thereby necessitating the construction of a replacement span in 1906. The Standard Bridge Company of Omaha was contracted by the county to build the replacement truss for $1100.00, which was completed in March of 1906. Since its construction, the Seaman Bridge continues to carry county road traffic while maintaining a high degree of structural integrity.

Marketed extensively by virtually all of the in-state and regional bridge contractors and promoted in the form of standardized designs, the pinned Pratt through truss was widely used by Missouri's counties to carry roads over the state's myriad watercourses. Thousands of such trusses were erected across the state in the late 19th and early 20th centuries, and many remain in place today. The Seaman Bridge typifies this widespread bridge building trend.

NAME(S) OF STRUCTURE

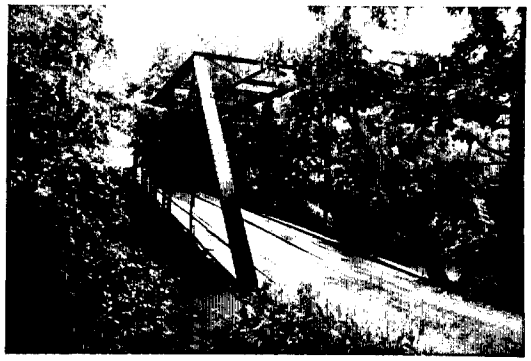
Seaman Bridge

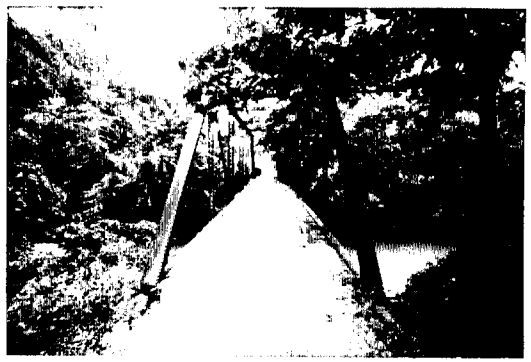
PHOTOS AND SKETCH MAP OF LOCATION



LOCATION MAP

TAKEN FROM MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT GENERAL HIGHWAY MAP





SOURCES

Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 192000.6; Knox County Bridge Record Number 1: pages 3, 45 (3 May 1905); Knox County Court Record, Book 11, page 155 (5 February 1901), page 220 (14 June 1901), page 222 (15 July 1901) - both located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

INVENTORIED BY	AFFILIATION	DATE
Clayton B. Fraser	Fraserdesign, Loveland CO	3 August 1994

HAER INVENTORY
Missouri Historic Bridge Inventory

NAME(S) OF STRUCTURE
Fisher Bridge
MHTD: 219002.0

KNOX28

DATE(S) OF CONSTRUCTION
1905

LOCATION
County Road 219 over Little Fabius River; S16, T61N, R12W
6.7 miles southwest of Edina; Knox County, Missouri

USE (ORIGINAL / CURRENT)
roadway bridge / roadway bridge

RATING NRHP non-eligible (score: 36)

CONDITION
fair

OWNER
Knox County

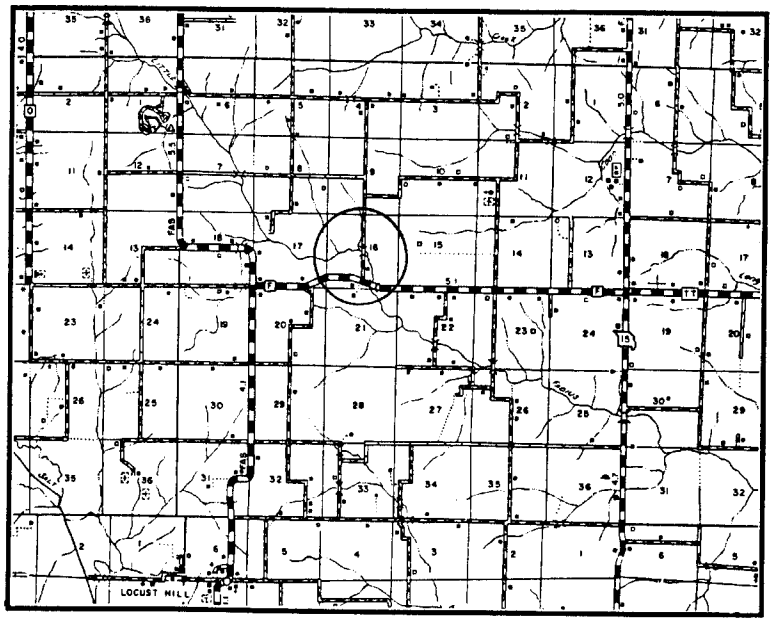
span number:	1	superstructure:	steel, 3-panel, pin-connected Pratt truss-leg bedstead
span length:	36.0'	substructure:	steel bedstead legs with timber abutments and wingwalls
total length:	37.0'	floor/decking:	timber deck over steel stringers
roadway wdt.:	11.8'	other features:	upper chord and upright end post: 2 channels with cover and batten plates; lower chord: 2 channels with lacing; vertical: 4 angles with lacing; vertical: 2 looped rectangular eyebars; diagonal: 2 looped rectangular eyebars; counter: 1 square eyerod with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to vertical; guardrail: none

Located in west-central Knox County southwest of Edina, this Pratt truss-leg bedstead carries County Road 219 over the Little Fabius River. The Fisher Bridge is comprised of a single short-span bedstead truss, which employs a pin-connected Pratt web configuration. The structure dates to 1905. County officials, in the summer of 1905, bought a truss fabricated in Jacksonville, Illinois, by the Illinois Steel Bridge Company, and soon after paid $414.20 to a local contractor to erect the truss-leg bedstead. Completed that fall, the Fisher Bridge maintains a high degree of structural integrity while continuing to function in place.

In a bedstead truss, a single "leg" functioned as both end post and support at each corner of the structure. This combined super- and substructure reduced erection costs somewhat, but bedsteads were prey to flood and collision damage and suffered from inherent structural weaknesses relating to compression stress in the lower chords. Despite these weaknesses, numerous truss leg bedsteads were erected throughout Missouri in the later 1890s and early 1900s. Hundreds remain in place today - in fact, Missouri has probably more bedsteads than any other state. The Fisher Bridge is a well-preserved, though not particularly distinguished, example of this statewide bridge construction trend.

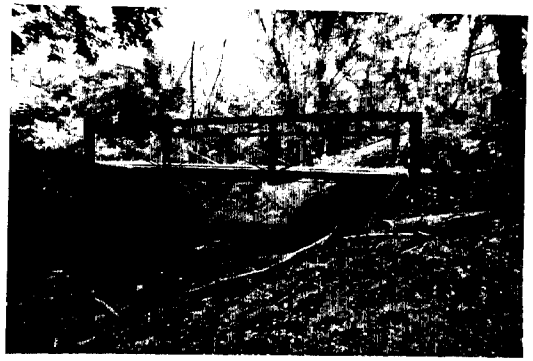
NAME(S) OF STRUCTURE
Fisher Bridge

PHOTOS AND SKETCH MAP OF LOCATION



LOCATION MAP

TAKEN FROM MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT
GENERAL HIGHWAY MAP



SOURCES
Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 219002.0; Knox County Bridge Record Number 1: page 48 (12 August 1905) - located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

INVENTORIED BY	AFFILIATION	DATE
Clayton B. Fraser	Fraserdesign, Loveland CO	3 August 1994

HAER INVENTORY
Missouri Historic Bridge Inventory

NAME(S) OF STRUCTURE
Bishop Bridge
MHTD: 273000.1

KNOX36

DATE(S) OF CONSTRUCTION
1904

LOCATION
County Road 273 over South Fabius River; S23, T61N, R11W
6.3 miles southwest of Knox City; Knox County, Missouri

USE (ORIGINAL / CURRENT)
roadway bridge / roadway bridge

RATING NRHP non-eligible (score: 42)

CONDITION
fair

OWNER
Knox County

span number:	1	superstructure:	steel, 4-panel, pin-connected Pratt half-hip pony truss, with steel stringer approach span on each side
span length:	60.0'	substructure:	concrete-filled steel cylinder piers; timber pile abutments and wingwalls
total length:	99.0'	floor/decking:	timber deck over steel stringers
roadway wdt.:	11.6'	other features:	upper chord and inclined end post: 2 channels with cover and batten plates; lower chord: 2 round or 2 looped rectangular eyebars; vertical: 4 angles with lacing; diagonal: 2 looped square eyebars; counter: round eyerod with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to vertical; guardrail: lattice on approach spans

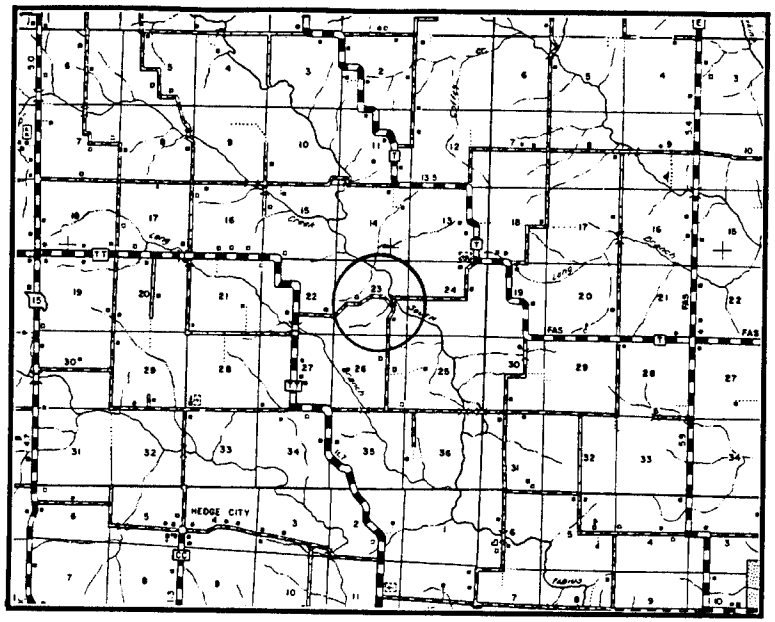
Located southwest of Knox City, this medium-span pony truss carries a gravel-surfaced county road across the South Fabius River. The Bishop Bridge, as it is known locally, is comprised of a pin-connected Pratt half-hip span, supported by concrete-filled steel cylinder piers and approached on both sides by steel stringer spans. It dates to 1904. In June of that year the Knox County Court awarded a contract to local builders McCohn and Vernon to erect this 60-foot span on the Plerna -Knox City Road. The contractors completed work on the structure in October for a total cost of $794.00. Since that time the Bishop Bridge has functioned in place, with only maintenance-related repairs.

A subtype of the venerable Pratt pony truss, the Pratt half-hip configuration was marketed extensively by Midwestern bridge companies in the early 1900s. Its primary advantage as a structural type was that, by eliminating the vertical members at the hip connections, it was more materially conservant than the standard Pratt. Its disadvantage was that it was generally limited to short-span applications: typically 30 to 60 feet. But Missouri's myriad small streams lent themselves to this range, and, as a result, thousands of half-hip ponies were erected across the state between 1900 and 1915. With its 60-foot span and 1904 construction date, the Bishop Bridge in Knox County fits squarely within this bridge building milieu. It is a well-preserved example of this mainstream Missouri roadway truss type.

NAME(S) OF STRUCTURE

Bishop Bridge

PHOTOS AND SKETCH MAP OF LOCATION



LOCATION MAP

TAKEN FROM MISSOURI HIGHWAY AND TRANSPORTATION DEPARTMENT
GENERAL HIGHWAY MAP

SOURCES

Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 273000.1; Knox County Bridge Record Number 1: page 29 (24 June 1904) - located at the Knox County Courthouse, Edina MO; field inspection by Clayton Fraser, July 1992.

INVENTORIED BY	AFFILIATION	DATE
Clayton B. Fraser	Fraserdesign, Loveland CO	3 August 1994