

RANDOLPH COUNTY

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

Inv. No.	MHTD	Bridge Name	Description
*RAND01	057001.8	Hoover Creek Bridge	1- 40' pinned Pratt bedstead c1905 Canton Bridge Company
*RAND02	064002.1	Mud Creek Bridge	1- 54' pinned Pratt half hip pony truss c1905 Canton Bridge Company
*RAND03	065000.4	Bond Bridge	1- 60' pinned Pratt bedstead 1910 Pan American Bridge Company
*RAND04	090000.9	Mud Creek Bridge	1- 42' pinned Pratt bedstead c1910 Pan American Br. Co. (prob.)
*RAND05	149000.7	Elk Fork Bridge	1- 60' pinned Pratt bedstead c1910 Pan American Br. Co. (prob.)
RAND06	194001.2	Dark Creek Bridge	(replaced)
RAND07	206000.4	Chariton River Bridge	1- 60' pinned Pratt bedstead c1905 Canton Bridge Co. (prob.)
RAND08	237000.2	Jacoby Bridge	(replaced)
RAND09	343001.0	Sugar Creek Bridge	(replaced)
RAND10	363001.3	Renick Bridge	(replaced)

EXCLUDED:

Warren pony truss						
X 447	057000.4	083001.5	213001.9			
Warren bedstead						
116002.2	382000.8					
Lattice bedstead						
085000.4	176000.8	265000.2	403000.2			
Steel stringer						
F 403R1	F 529R1	J 402	J 727	P 23	S 588	X 105
Concrete slab / girder						
K 477A	K 517	L 118R	162002.4	299000.5		
Concrete box culvert						
F 12R	H 833R	P 22	S 589	T 388	T 487	T 488
X 107	X 754	054001.2				
Timber stringer						
357001.0	367002.0	379000.1				

RANDOLPH COUNTY

SUMMARY:

	Primary	Secondary	Urban	Other	Total
Included	0	6	0	0	6
Excluded	20	15	0	0	35
<hr/>					
	20	21	0	0	41 structures

Hoover Creek Bridge

RAND01

GENERAL DATA

structure no.: 057001.8	city/town: 11.5 miles northeast of Huntsville
county: Randolph	feature inters.: Hoover Creek
	cadastral grid: S1, T55N, R14W
	highway route: county road
	highway distr.: 2
	current owner: Randolph County

STRUCTURAL DATA

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

span number: 1	condition: fair
span length: 40.0'	alterations: none
total length: 41.0'	floor/decking : timber deck over steel stringers
roadway width: 11.5'	other features: upper chord and upright end post: 2 channels with cover and batten plates; lower chord: 2 angles with batten plates / 2 square, looped rectangular eyebars; vertical: 4 angles with double lacing; diagonal: 2 looped square eye-bars; counter: square eyebar with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to verticals; guardrail: steel lattice

HISTORICAL DATA

erection date: c1905
erection cost: unknown
designer: Canton Bridge Company, Canton OH
fabricator : Canton Bridge Company, Canton OH;
Cambria Steel Company, Pittsburgh PA
contractor: Canton Bridge Company, Canton OH
references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 057001.8; field inspection by Richard Collier, 7 June 1991.
sign. rating: 28
evaluation: NRHP non-eligible (typically configured, inadequately documented example of common structural type)

inventoried by: Michelle Crow-Dolby 30 July 1993

Mud Creek Bridge

RAND02

GENERAL DATA

structure no.:	064002.1	city/town:	11.7 miles northeast of Huntsville
county:	Randolph	feature inters.:	Mud Creek
		cadastral grid:	S19/20, T55N, R13W
		highway route:	County Road 64
		highway distr.:	2
		current owner:	Randolph County

STRUCTURAL DATA

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

substructure: concrete abutments and wingwalls, with steel pile bent pier

span number:	1	condition:	fair
span length:	54.0'	alterations:	none
total length:	70.0'	floor/decking :	timber deck over steel stringers
roadway width:	11.6'	other features:	upper chord and inclined end post: 2 channels with cover plates and lacing; lower chord: 2 looped square eyebars; vertical: 4 angles with double lacing; diagonal: 2 looped square eyebars; counter: square eyebar with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to verticals; guardrail: steel lattice; end-post-mounted builder's plate: THE CANTON BRIDGE COMPANY, CANTON OHIO

HISTORICAL DATA

erection date: c1905

erection cost: unknown

designer: Canton Bridge Company, Canton OH

fabricator : Canton Bridge Company, Canton OH;
Cambria Steel Company, Pittsburgh PA

contractor: Canton Bridge Company, Canton OH

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 064002.1; field inspection by Richard Collier, 7 June 1991.

sign. rating: 30

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

inventoried by: Michelle Crow-Dolby 30 July 1993

Bond Bridge

RAND03

GENERAL DATA

structure no.:	065000.4	city/town:	12.3 miles northeast of Huntsville
county:	Randolph	feature inters.:	Mud Creek
		cadastral grid:	S17, T55N, R15W
		highway route:	County Road 65
		highway distr.:	2
		current owner:	Randolph County

STRUCTURAL DATA

superstructure: steel, 4-panel, pin-connected truss leg bedstead, with steel stringer approach spans

substructure: concrete abutments and wingwalls; steel-pile bent piers; truss legs

span number:	1	condition:	fair
span length:	60.0'	alterations:	none
total length:	107.0'	floor/decking :	timber deck over steel stringers
roadway width:	11.5'	other features:	upper chord and upright end post: 2 channels with cover and batten plates; lower chord: 2 angles with batten plates / 2 looped rectangular eyebars; vertical: 4 angles with lacing; diagonal: 2 looped rectangular eyebars; counter: looped square eybar with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to verticals; guardrail: steel lattice

HISTORICAL DATA

erection date: 1910
erection cost: \$1080.00
designer: Pan American Bridge Company
fabricator : Lackawanna Steel Company, Pittsburgh PA
contractor: Pan American Bridge Company

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 065000.4; Randolph County Court Record, Book M, page 530 (12 September 1910), page 588 (22 May 1911), located at the Randolph County Courthouse, Huntsville MO; field inspection by Richard Collier, 7 June 1991.

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

inventoried by: Michelle Crow-Dolby 30 July 1993

Mud Creek Bridge

RAND04

GENERAL DATA

structure no.:	090000.9	city/town:	12.0 miles northeast of Huntsville
county:	Randolph	feature inters.:	Mud Creek
		cadastral grid:	S17, T55N, R13W
		highway route:	County Road 90
		highway distr.:	2
		current owner:	Randolph County

STRUCTURAL DATA

superstructure:	steel, 3-panel, pin-connected truss leg bedstead, with steel stringer approach span		
substructure:	steel truss legs with stone abutments		
span number:	1	condition:	fair
span length:	42.0'	alterations:	none
total length:	55.0'	floor/decking :	timber deck over steel stringers
roadway width:	10.5'	other features:	upper chord and upright end post: 2 channels with cover and batten plates; lower chord: 2 angles with batten plates / 2 looped rectangular eyebars; vertical: 4 angles with lacing; diagonal: 2 looped rectangular eyebars; counter: square eyebar with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to verticals; guard-rail: steel lattice

HISTORICAL DATA

erection date:	c1910
erection cost:	unknown
designer:	Pan American Bridge Company (probable)
fabricator :	unknown
contractor:	Pan American Bridge Company (probable)
references:	Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 090000.9; field inspection by Richard Collier, 7 June 1991.
sign. rating:	27
evaluation:	NRHP non-eligible (typical example of common structural type)

Inventoried by: Michelle Crow-Dolby 30 July 1993

Elk Fork Bridge

RAND05

GENERAL DATA

structure no.:	149000.7	city/town:	10.1 miles northeast of Huntsville
county:	Randolph	feature inters.:	Elk Fork
		cadastral grid:	S15, T54N, R13W
		highway route:	County Road 149
		highway distr.:	2
		current owner:	Randolph County

STRUCTURAL DATA

superstructure: steel, 4-panel, pin-connected truss leg bedstead, with steel stringer approach spans

substructure: steel truss legs with timber pile bent abutments and wingwalls

span number:	1	condition:	fair
span length:	60.0'	alterations:	none
total length:	81.0'	floor/decking :	timber deck over steel stringers
roadway width:	11.6'	other features:	upper chord and upright end post: 2 channels with cover and batten plates; lower chord: 2 angles with batten plates; vertical: 4 angles with lacing; diagonal: 2 looped square eye-bars; counter: round rod with turnbuckle; lateral bracing: round rod with threaded ends; floor beam: I-beam, field-bolted to verticals; guardrail: steel lattice

HISTORICAL DATA

erection date: c1910

erection cost: unknown

designer: Pan American Bridge Company (probable)

fabricator : Lackawanna Steel Company, Pittsburgh PA

contractor: Pan American Bridge Company (probable)

references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 149000.7; field inspection by Richard Collier, 7 June 1991.

sign. rating: 30

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

inventoried by: Michelle Crow-Dolby 30 July 1993

Chariton River Bridge

RAND07

GENERAL DATA

structure no.: 206000.4	city/town: 8.5 miles northwest of Huntsville
county: Randolph	feature inters.: Chariton River
	cadastral grid: S15, T54N, R16W
	highway route: County Road 206
	highway distr.: 2
	current owner: Randolph County

STRUCTURAL DATA

superstructure: steel, 4-panel, pin-connected Pratt bedstead with steel stringer approach spans	
substructure: steel truss leg piers with timber pile bent abutments	
span number: 1	condition: fair
span length: 60.0'	alterations: unknown
total length: 90.0'	floor/decking : timber deck
roadway width: 11.6'	other features: steel lattice guardrails

HISTORICAL DATA

erection date: c1905	
erection cost: unknown	
designer: Canton Bridge Company, Canton OH (probable)	
fabricator : Canton Bridge Company, Canton OH (probable)	
contractor: Canton Bridge Company, Canton OH (probable)	
references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure Number 206000.4.	
sign. rating: 29	
evaluation: NRHP non-eligible (typical example of common structural type)	

inventoried by: Michelle Crow-Dolby 30 July 1993