

# TEXAS COUNTY

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

Inv. No.	MHTD	Bridge Name	Description
TEXA01	J 617	Big Creek Bridge	1-120' <b>riveted Pratt through truss</b> 1932 Massman Construction Co.
TEXA02	J 665	Jacks Fork Bridge	<b>2-100'</b> riveted Warren pony truss 1931 Kelly and Underwood
TEXA03	520002.6	Mason Bridge	1-152' <b>pinned Parker through truss</b> 1926 Concrete & Steel Constr. Co.

EXCLUDED:

Steel stringer

F 427R	G 411R	J 669R	S 528	S 529	S 606	S 607
T 10	T 11	196R00.8	296R00.7	429R00.1		

Concrete slab / girder

H 237R	H 296R1	J 22	J 119	K 996	K 998	T 165
002001.9	089000.0	146002.7	146002.8	146002.9	199000.1	200000.2
203500.1	206000.7	227001.9	227002.8	228001.0	229000.8	247003.2
248000.2	258000.3	276000.4	280000.6	288002.5	293001.0	295001.3
299000.8	302002.2	332004.0	332004.1	399004.0	406000.1	440001.0
503000.2	505001.2	507000.4	508001.3	512000.9	513001.9	521000.1
521003.5	521005.2					

Concrete box / steel pipe culvert

G 410R	G 766R1	G 767R	J 618	J 668R	J 670	J 792
K 997	P 59	S 608	T 163	T 164	T 730	T 731
T 732	X 900	003001.9	204R00.0	239R00.6		

Timber stringer

001000.9

SUMMARY:

	Primary	Secondary	Urban	Other	Total
Included	2	1	0	0	3
Excluded	32	44	0	0	76
	34	45	0	0	79 structures

# Big Creek Bridge

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TEXA01

## GENERAL DATA

structure no.:	J 617	city/town:	9.4 miles southeast of Houston
county:	Texas	feature inters.:	Big Creek
		cadastral grid:	S3, T29N, R8W
		highway route:	State Highway 17
		highway distr.:	9
		current owner:	Missouri Highway and Transportation Department

## STRUCTURAL DATA

**superstructure:** steel, 6-panel, rigid-connected Pratt through truss, with steel stringer approach spans

**substructure:** concrete abutments, wingwalls and piers

span number:	1	condition:	good
span length:	120.0'	alterations:	none
total length:	207.0'	floor/decking :	concrete deck over steel stringers
roadway width:	22.0'	other features:	steel angle guardrails

## HISTORICAL DATA

**erection date:** 1932

**erection cost:** \$14,771.68

**designer:** Missouri State Highway Department

**fabricator :** unknown

**contractor:** Massman Construction Company

**references:** Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure No. J 617; Missouri Highway and Transportation Department Primary System Bridge Record, located at Bridge Division, MHTD, Jefferson City MO.

**sign. rating:** 41

**evaluation:** NRHP non-eligible (typically configured example of MSHD standard bridge design)

**inventoried by:** Clayton B. Fraser    11 May 1992

# Jacks Fork Bridge

TEXA02

## GENERAL DATA

<b>structure no.:</b> J 665	<b>city/town:</b> 9.1 miles southeast of Clear Springs
<b>county:</b> Texas	<b>feature inters.:</b> Jacks Fork Creek
	<b>cadastral grid:</b> S36, T28N, R7W
	<b>highway route:</b> State Highway 17
	<b>highway distr.:</b> 9
	<b>current owner:</b> Missouri Highway and Transportation Department

## STRUCTURAL DATA

**superstructure:** steel, 6-panel, rigid-connected Warren pony truss  
**substructure:** concrete abutments, wingwalls and piers

<b>span number:</b> 2	<b>condition:</b> good
<b>span length:</b> 100.0'	<b>alterations:</b> none
<b>total length:</b> 329.0'	<b>floor/decking :</b> concrete deck over steel stringers
<b>roadway width:</b> 20.0'	<b>other features:</b> verticals at alternate panel points; steel pipe guardrails

## HISTORICAL DATA

**erection date:** 1931  
**erection cost:** \$33,455.86  
**designer:** Missouri State Highway Department  
**fabricator :** unknown  
**contractor:** Kelly and Underwood

**references:** Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure No. J 665; Missouri Highway and Transportation Department Primary System Bridge Record, located at Bridge Division, MHTD, Jefferson City MO.

**sign. rating:** 45  
**evaluation:** NRHP non-eligible (typically configured example of MSHD standard bridge design)

**inventoried by:** Clayton B. Fraser 11 May 1992

# Mason Bridge

TEXA03

## GENERAL DATA

structure no.: 520002.6      city/town: 6.4 miles west of Lickins  
county: Texas      feature inters.: Piney River  
cadastral grid: S1, T32N, R10W  
highway route: County Road 520  
highway distr.: 9  
current owner: Texas County

## STRUCTURAL DATA

superstructure: steel, 8-panel, pin-connected Parker through truss, with pin-connected Pratt pony approach span on each end  
substructure: concrete abutments, wingwalls and piers

span number: 1      condition: fair (extensive collision damage)  
span length: 152.0'      alterations: bridge closed  
total length: 272.0'      floor/decking : asphalt-covered timber deck over steel stringers  
roadway width: 15.0'      other features: **through truss:** upper chord and inclined end post: 2 channels with cover plate and lacing; lower chord: 2 rectangular eyebars; vertical: 2 channels with lacing; diagonal: 2 rectangular eyebars; counter: 2 square eyebars with turnbuckles; lateral bracing: round rod with threaded ends; strut: 2 angles; portal strut: lattice with knee braces; floor beam: I-beam; guardrail: 2 angles; portal builder's plate: 1926 / BUILT BY CONCRETE & STEEL CONSTRUCTION CO. / JOPLIN, MO (with list of county officers)

## HISTORICAL DATA

erection date: 1926  
erection cost: unknown  
designer: unknown  
fabricator : unknown  
contractor: Concrete and Steel Construction Company, Joplin MO  
references: Missouri Highway and Transportation Department, Structure Inventory and Appraisal: Structure No. 520002.6.  
sign. rating: 42  
evaluation: NRHP non-eligible (relatively late example of uncommon Pratt sub-type)

inventoried by: Clayton B. Fraser      11 May 1992